



2025

Periodic Review Report

Dowcraft, South Dow Street

NYSDEC Site #907020

Falconer, Chautauqua County, New York

Prepared for:

Jamestown Container Companies

14 Deming Drive

Falconer, New York 14733

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Revision 1 - January 2026

Revision 2 - February 2026

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ACRONYM LIST

C&S	C&S ENGINEERS, INC.
DCE	CIS-1,2-DICHLOROETHENE
JCC	JAMESTOWN CONTAINER COMPANIES
SITE	FORMER DOWCRAFT FACILITY
FID	FLAME IONIZATION DETECTOR
TCE	TRICHLOROETHYLENE
IRM	INTERIM REMEDIAL MEASURES
MIP	MEMBRANE INTERFACE PROBE
NYSDEC	NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
ROD	RECORD OF DECISION
CRA	CONESTOGA-ROVERS & ASSOCIATES
RI	REMEDIAL INVESTIGATION
PID	PHOTO IONIZATION DETECTOR
SCO	SOIL CLEANUP OBJECTIVES
SVOC	SEMI-VOLATILE ORGANIC COMPOUNDS
VOC	VOLATILE ORGANIC COMPOUNDS
SVI	SOIL VAPOR INTRUSION
XSD	HALOGEN SPECIFIC DETECTOR

EXECUTIVE SUMMARY

C&S Engineers, Inc. (C&S) has prepared the 2025 Periodic Review Report for the former Dowcraft, South Dow Street Site (NYSDEC Site No. 907020) located at 65 South Dow Street in Falconer, New York. From 1939 to 1999, the Site manufactured steel partitions. As part of this manufacturing process, a vapor degreaser was used which included the use of chemicals such as trichloroethylene (TCE).

Previous environmental investigations have detected a TCE plume in the area of the former Dowcraft, South Dow Street Site. TCE contamination is located within two sand/gravel layers separated by a silt/clay lens. According to previous environmental reports, the area of former degreaser pit (area of groundwater monitoring wells PW-3 and PW-3R) is a likely source area for the TCE plume. The plume originates from the degreaser area and has affected groundwater in the upper and lower sand/gravel layers. The plume extends from the degreaser area to the north, under the JCC building and up to the area of the Chadakoin River. This is an area of approximately one acre. The rate of movement is approximately 2 to 3 feet per year to the north. Sampling in the River has not shown any impact to date.

The 2003 Record of Decision of the Site selected in-situ chemical dechlorination using potassium permanganate as the approved remedy. Nine in-situ treatment events occurred between May 2000 and July 2006. In 2014, C&S completed another treatment on the Site. Ten injection borings were advanced throughout the TCE plume and a potassium permanganate treatment fence was installed adjacent to the source area by PW-3R.

In June 2022, 31 injection borings were advanced and injected with combined biological enhanced reductive dechlorination and abiotic in-situ chemical reduction using zero-valent iron. Post-treatment groundwater monitoring indicates that the 2022 treatment was successful in the dechlorination of TCE. The source area was reduced to almost 100% in eight weeks. After the 2024 groundwater sampling event, the NYSDEC suggested that the potassium permanganate candles could have been potentially causing inaccurate results in the wells where they were located. As a result, these candles were permanently removed June 27, 2025, prior to the August 2025 annual sampling. Conditions will continue to be monitored on an annual basis. We expect VOC concentrations in other monitoring wells to reduce over time.

The Site is compliant with all institutional and engineering controls. The Institutional and Engineering Controls Certification form is provided in **Appendix C**.

1 SITE OVERVIEW

1.1 Site Description

The Dowcraft, South Dow Street Site is located at 65 South Dow Street in Falconer, New York and occupies approximately 2.2 acres of land situated immediately east of South Dow Street and approximately 100 feet south of the Chadakoin River (Site). The Jamestown Container manufacturing building is situated between the Site and the Chadakoin River.

1.2 Geology and Hydrogeology

Site geology consists of fill material overlying two sand/gravel layers separated by a silt/clay lens. Fill material consists of a mixed matrix of sand, cinders, silt, gravel, brick, concrete, coal, slag and metal. The fill unit ranges in thickness from 2 to over 14 feet, with an average thickness of 8 feet.

Under the fill, the upper sand/gravel layer ranges from 10 to 20 feet in thickness. Underlying the upper sand/gravel layer is a silt/clay lens that ranges from 4 to 8 feet in thickness. The lower sand/gravel layer is 10 to 18 feet thick. Underlying the lower sand layer is a second silt/clay layer that starts approximately 43 feet below ground surface (BGS). This unit is estimated to be 60 feet in thickness according to regional geology.

The average depth to groundwater is 10 feet BGS within the upper sand/gravel layer. Groundwater flow within the upper sand/gravel layer is to the north-northeast at approximately 2.7 feet per year. A groundwater contour map can be seen on **Figure 7**.

1.3 Nature and Extent of Contamination

The chemicals of concern (COC) of the Site are trichloroethylene (TCE) and its daughter compounds (cis-1,2-dichloroethene –DCE - and vinyl chloride). According to previous environmental reports, the area of former degreaser pit (area of groundwater monitoring wells PW-3 and PW-3R) is a likely source area for the COC plume. The plume originates from the degreaser area and has affected groundwater in the upper and lower sand/gravel layers. The plume extends from the degreaser area to the north, under the JCC building and up to the area of the Chadakoin River. This is an area of approximately one acre. Sampling in the River has not shown any impact to date.

Total volatile organic compound (VOC) concentrations for 2025 sampling range between 0.0 to 1280.0 ug/L. The volume of the COC plume extends from the

degreaser pits to the southern façade of the JCC building (approximate area of 5,000 square feet), then vertically down to the base of the second sand/gravel layer (43 feet BGS); a total volume of approximately 8,333 cubic yards of groundwater and subsurface soil.

1.4 Site History

The property was first developed in 1890 as a woolen mill until 1939 when it was converted into a factory which manufactured steel partitions used for offices. In 1986 the deed was transferred to the Dowcraft Corporation. Manufacturing activities continued until the facility closed in 1999. As part of this manufacturing process, a vapor degreaser was used which included the use of chemicals such as trichloroethylene (TCE). This work continued until 1999 when the facility was closed, a portion of the Site was demolished, and the property was sold to JCC.

Figure 1 presents present and historic site features.

The Dowcraft, South Dow Street Site was the subject of environmental investigations in the early 1990s, at which time contaminated groundwater was discovered on site. An interim remedial measure (IRM) was subsequently put in place in 1994 which consisted of groundwater extraction and treatment that operated until 1999 when the Facility was demolished.

The operating groundwater extraction system consisted of two extraction wells (PW-2 and PW-3) screened in the sand and gravel unit. Until shut down during the Facility demolition in 1999, these wells were operated throughout the hours that the Facility was manned for manufacturing purposes; approximately 8 hours per day, 5 days per week (except holidays).

Extraction well PW-3 was installed in 1993 directly through the former degreaser pit and was operated to achieve source control and removal. Extracted groundwater was pumped into a holding tank and treated in an on-Site air stripper prior to discharge to the City of Jamestown POTW. The design capacity of the on-Site air stripper was 50 GPM. In 1997 it was estimated that the extraction system removed 544 pounds of COCs per year. Based upon that estimate, approximately 2,700 pounds of COCs were removed from the sand and gravel unit during the operating years of the extraction system. The decommissioning of the extraction system was not detailed in previous reports.

In 2000, the use of additional groundwater remediation technologies was approved by the NYSDEC which involved in-situ chemical oxidation of TCE

through the injection of potassium permanganate into the overburden groundwater. In 2003, a Record of Decision (ROD) was approved that selected the following remedy:

- In-situ groundwater treatment through chemical oxidation, by injection of potassium permanganate dissolved in water through existing well points into the shallow overburden groundwater table;
- Overburden groundwater monitoring to verify the effectiveness of the treatment;
- Institutional controls will be imposed, in such form as the NYSDEC may approve, that will prevent the use of groundwater as a source of potable or process water without necessary water quality treatment as determined by the Local Health Department; and
- Annual certification to NYSDEC to certify that institutional controls remain in place.

Conestoga-Rovers & Associates (CRA) conducted nine injection treatments between May 2000 and July 2006, totaling 21,500 pounds of potassium permanganate. These injection treatments were successful in oxidizing TCE in outer plume area; however, the concentrations of TCE in the source area remain high.

2014 and 2015 In-situ Remedial Activities

In May 2013, C&S was asked to re-evaluate the environmental conditions of the Site. On July 2013, baseline groundwater monitoring was conducted to determine the changes, if any, in TCE concentrations since 2006. Based on the findings of this work, a Corrective Measures Work Plan was submitted to the NYSDEC on May 2, 2014. C&S proposed additional in-situ chemical oxidation (ISCO) injections and the installation of a potassium permanganate treatment fence. This work was conducted on December 1 through 9, 2014.

Ten borings were each injected with approximately 33 gallons ISCO solution containing approximately 400 pounds of ISCO material. As the solution was pumped into the subsurface, the drill rods were lifted at a rate designed to inject a consistent amount of materials between 5 and 30 feet below grade. A total of 4,024.12 pounds of potassium permanganate was injected into the TCE plume.

Within the lower sand/gravel layer, the area adjacent to PW-3R contains the highest concentrations of TCE. To address these concentrations, a treatment

fence was installed to reduce source loading into downgradient groundwater zones. The treatment fence consisted of 1.5 foot long tubes of paraffin wax mixed with potassium permanganate installed in selected monitoring wells and in the subsurface. A 36-foot treatment fence was installed next to the northwest corner of the building. A total of ten borings to 40 feet below grade were drilled to facilitate the installation of the treatment fence. A potassium permanganate cylinder was dropped down the drill casing. Four feet of casing was removed allowing the bore hole to collapse and another cylinder was placed in series until a total of 5 cylinders were installed (a vertical treatment thickness of approximately 7.5 feet in each boring).

2021 Pre-Treatment Investigation

Parrat-Wolff, Inc. advanced a membrane interface probe (MIP) in 10 borings to 40 feet from January 4, 2021, to January 8, 2021. The MIP is an in-situ logging tool that measures the relative concentration of volatile organic compounds with depth in soil and groundwater. The MIP probe is advanced at a rate of 1 foot per minute. The MIP probe continuously logs data from several sensors including: photo ionization detector (PID); flame ionization detector (FID); halogen specific detector (XSD) and a sensor for measuring electrical conductivity. The location of the 10 MIP borings is presented in Figure 5.

Many locations contained indications of TCE right above confining layers at about 20 – 25 feet bgs; in most instances the sensors indicated that TCE contamination diminished at approximately 30 feet bgs. The source area around PW-3R was an exception. High levels of contamination were observed around 30 feet bgs and continued past our 40-foot limit.

Four soil samples were collected from selected MIP borings to correlate the millivolt spikes to ug/kg. Samples were analyzed for VOCs only. MIHPT-1 (adjacent to the JCC Building 5) collected at 17.5 feet bgs contained TCE at 1,800 ug/kg and DCE at 1,300 ug/kg. MIHPT-3 (western edge of the plume) was collected at 22 – 26 feet and contained TCE at 2,500 ug/kg, DCE at 1,300 ug/kg and vinyl chloride at 7.6 ug/kg. MIHPT-4 (adjacent to PW-3R) was collected from 31 – 34 feet and contained TCE at 130,000 ug/kg and DCE at 4,400 ug/kg. MIHPT-9 (adjacent to ESI-6) was collected from 24 – 28 feet bgs and contained TCE at 88 ug/kg and DCE at 5,700 ug/kg. MIP data, plume model and laboratory data report is provided in Appendix F in the 2021 PRR.

2022 In-situ Treatment

On June 6 through June 14, 2022, C&S and NW Contracting implemented the remediation as described in the February 2020 Remedial Action Work Plan.

The remedial method combined biological enhanced reductive dechlorination (ERD) and abiotic in-situ chemical reduction (ISCR) using zero-valent iron. Zero valent iron and biological enhanced dechlorination.

ERD products include 3-D Microemulsion and Bio-Dechlor INOCULM Plus. 3-D Microemulsion provides a controlled release of lactic, organic and fatty acids for the steady production of hydrogen needed for anaerobic biodegradation. The self-distributing features of 3-D Microemulsion combined with its longevity (several years) allow for sufficient coverage with minimal pore volume displacement thereby minimizing application costs. The addition of Bio-Dechlor INOCULM Plus ensures that the correct anaerobic microbes are applied to the treatment area.

Micro zero-valent iron (MZVI), provides conditions for abiotic reduction via the formation of iron sulfides, oxides and hydroxides, while also maintaining strong reducing conditions in the treatment area for an extended timeframe. This will foster rapid abiotic reduction of chlorinated solvents while reducing the potential for daughter product formation.

A solution of 3-D Microemulsion, MZVI and water was directly injected into the soil in 31 borings within the source area around PW-3R. Two subsurface zones were targeted: sand zone and silt zone. The sand zone consists of sand material located below ground surface to approximately 35 feet bgs. A thick and relatively impervious clay layer separates the sand zone from the silt zone. Silt material is encountered at least 35 or more feet bgs and extends over 40 feet bgs. The volume of ISCR product slightly changes for each of these zones.

Injection points were spaced every six feet within a row and 15 feet between each row. A 2,775 square foot area is assumed to be the extent of the source area (**Figure 5**). No soil was generated or required disposal during this work.

Storage of EDR and ISCR Chemicals

EDR and ISCR products were shipped directly to the Site and stored in conditions in accordance with the manufacturer's specifications. All EDR and ISCR product was used for this treatment.

Decontamination of equipment, storage, personal protection, and other related safety concerns was completed in accordance with the Material Safety Data Sheets and vendor recommendations.

Mixing of EDR and ISCR Chemicals

NW Contracting was retained to perform the in-situ injections. Injections were conducted on June 6 through June 14, 2022. EDR and ISCR was mixed in steel, 55-gallon drums. IBC totes of ISCR product were staged using a folk lift next to a trailer mounted mixing station. The ISCR/ECR solution was pumped from the mixing station to a truck mounted geo-probe and into the subsurface.

ERD/ISCR product and water will be mixed according to manufacturer's specifications.

Source area – Sand Zone treatment injected the following:

- 4,000 pounds of 3-D Microemulsion
- 3,000 pounds of S-MZVI
- 32 liters of Bio-Dechlor INOCULM Plus

The treatment solution was applied evenly in each injection point from 15 to 35 feet bgs.

Source area – Silt Zone treatment will inject the following:

- 2,000 pounds of 3-D Microemulsion
- 1,500 pounds of S-MZVI
- 9 liters of Bio-Dechlor INOCULM Plus

The treatment solution was applied evenly in each injection point from 35 to 42 feet bgs.

EDR and ISCR Quantities

A total of 31 borings were each injected with approximately:

- 8 gallons of 3-D Microemulsion
- 3 gallons of S-MZVI

- 0.3 liters of Bio-Dechlor INOCULM Plus
- 133 gallons of water

As treatment solution was pumped into the subsurface, the drill rods were lifted at a rate designed to inject a consistent amount of materials throughout the sand and silt zones.

2 MONITORING PLAN COMPLIANCE REPORT

The monitoring plan developed by C&S for the Site includes both chemical and hydraulic monitoring of groundwater before and after treatment semi-annually for two years. Sampling frequency was changed to annual on June 2017 just prior to the acceptance of the 2018 Operation, Monitoring and Maintenance Plan. Baseline groundwater monitoring was performed on July 2, 2013, before treatment in 2014. The following monitoring wells are included in the groundwater monitoring plan:

ESI - 1	ESI - 11
ESI - 2	ESI - 12
ESI - 3	ESI -13R
ESI - 6	PW - 1
ESI - 7	PW - 3R
ESI - 10	

To further evaluate water at depth below the site, the following mid-depth and deeper wells were included in this year's groundwater monitoring:

PW-2	ESI-2D
MW-10D	MW-15D

In addition to these mid depth / deeper wells, MW-12D was also scheduled to be sampled during this year's groundwater monitoring period. Upon arriving to the site, C&S was informed that this monitoring well no longer exists and was removed 10-15 years prior during emergency construction to prevent the building from sliding into the river.

The groundwater monitoring activities included the collection of depth-to-water measurements at each monitoring well and the collection of groundwater samples for laboratory analysis. Pre-treatment sampling was conducted on October 21, 22 and 29, 2014 and post-treatment sampling was conducted on:

April 21 and 22, 2015	1 st Post-treatment (2014)
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November 2 and 3, 2015	2 nd Post-treatment (2014)
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April 25 and 26, 2016	3 rd Post-treatment (2014)
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October 20 and 21, 2016	4 th Post-treatment (2014)
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June 7 and 8, 2017	5 th Post-treatment (2014)
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May 7 and 8, 2018	6 th Post-treatment (2014) 1 st Annual Sample Event under new OM&M
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June 25 and 25, 2019	7 th Post-treatment (2014) 2 nd Annual Sample Event under new OM&M
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July 15 and 16, 2020	8 th Post-treatment (2014) 3 rd Annual Sample Event under new OM&M
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October 26 and 27, 2021	9 th Post-treatment (2014) 4 th Annual Sample Event under new OM&M
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August 17 and 18, 2022	1 st Post-treatment (2022) 5 th Annual Sample Event under new OM&M
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August 30 and 31, 2023	2 nd Post-treatment (2022) 6 th Annual Sample Event under new OM&M
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August 20, 2024	Potassium permanganate candles were removed from wells
August 27 and 28, 2024	3rd Post-treatment (2022) 7th Annual Sampling Event under new OM&M Potassium permanganate candles were returned to wells

June 27, 2025	Potassium permanganate candles were removed from wells permanently
August 6 and 13, 2025	4 th Post Treatment (2022) 8 th Annual Sampling event under new OM&M 1 st Mid and Deep Well Sampling event under new OM&M

Groundwater sampling was conducted in accordance with the U.S. Environmental Protection Agency Low flow sample procedure.

3 REMEDY PERFORMANCE, EFFECTIVENESS AND PROTECTIVENESS

Groundwater quality readings were collected during the sampling event. The groundwater quality data sheets are provided in **Appendix A**. The current remedy for the Site is ISCR using zero-valent iron. The breakdown of CVOCs with zero-valent iron can be affected by certain groundwater quality parameters. These parameters include:

- **pH:** Slightly acidic to neutral (around 6 to 7)
- **Redox Conditions:** Anaerobic (low ORP, typically 100 to 400 mV)
- **Dissolved Oxygen:** Low to absent
- **CVOC Concentration:** Moderate concentrations (not too high or low)
- **Temperature:** Moderate (10–30°C) for optimal reactivity
- **Turbidity:** Low turbidity to maximize ISCR contact

Water quality readings were generally within the parameters for effective ISCR for the majority of the monitoring wells during this sampling period. In monitoring wells ESI-1, ESI-6, and ESI-13R we saw aerobic conditions (elevated ORP, typically over 400mV). While these three wells were marginally over the anaerobic range, ESI-1 and ESI-6 have no analytical exceedances over New York Ambient Water Quality Standards (NY-AWQS), and analytical results for ESI-13R have been consistent over the past 5 sampling periods.

Contaminant concentrations appeared to have decreased across the extent of the plume, although some active dichlorination increases were detected in the source area. The table below presents a comparison of total VOC and daughter compound concentrations from each monitoring well and the percent change from pre-treatment and post-treatment groundwater monitoring.

CHANGE IN VOC CONCENTRATION 2014-2025

<i>Monitoring Well</i>	<i>Total VOC Concentration (ug/L)</i>		<i>Percent Change</i>
	<i>Pre-Treatment October 2014</i>	<i>Post-Treatment August 2025</i>	
PW-1	16.9	3.3	-80.47%
PW-3R	2,609.3	1280.0	-50.95%
ESI-1	8.9	20.3	+128.09%

ESI-2	816.08	588.22	-27.92%
ESI-3	4.8	0.75	-84.38%
ESI-6	575.22	24.39	-95.76%
ESI-7	208.39	32.73	-84.29%
ESI-10	352.11	4.71	-98.66%
ESI-11	157	8.9	-94.33%
ESI-12	221.48	0.43	-99.81%
ESI-13R	40	18.1	-54.75%
ESI-2D	0 (1999 Data)	0	--
PW-2	550 (2010 Data)	26.38	-95.20%
MW-10D	1.4 (2001 Data)	0.1	-92.86%
MW-15D	0 (2001 Data)	0	--

CHANGE IN VOC CONCENTRATION 2024 POST INJECTIONS-2025

Monitoring Well	Total VOC Concentration (ug/L)		Percent Change
	August 2024	August 2025	
PW-1	3.92	3.3	-15.81%
PW-3R	513.45	1280.0	+149.29%
ESI-1	3.38	20.3	+500.59%
ESI-2	14.7	588.22	+3901.5%
ESI-3	1.2	0.75	-37.5%
ESI-6	16.01	24.39	+52.34%
ESI-7	28.2	32.73	+16.06%
ESI-10	3.7	4.71	+ 27.3%
ESI-11	5.9	8.9	+50.85%
ESI-12	2	0.43	-78.5%
ESI-13R	8.7	18.1	+108.05%
ESI-2D	No Data *	0	--
PW-2	No Data *	26.38	--
MW-10D	No Data *	0.1	--
MW-15D	No Data *	0	--

* - Wells are not regularly sampled. No 2024 sampling data is available for this well.

CHANGE IN TCE CONCENTRATION 2022 POST INJECTIONS-2025

Monitoring Well	TCE Concentration (ug/L)		Percent Change
	August 2022	August 2025	
PW-1	17	1.8	-89.41%
PW-3R	0	0	--
ESI-1	4.4	3.1	-29.55%

ESI-2	400	5.6	-98.6%
ESI-3	5.6	0.75	-86.61%
ESI-6	1.9	0	-100%
ESI-7	79	21	-73.41%
ESI-10	0	2.8	+100%
ESI-11	0	1.6	+100%
ESI-12	0	0.43	+100%
ESI-13R	14	8	-42.86%
ESI-2D	0 (1999 Data)	0	--
PW-2	180 (2010 Data)	1.1	-99.39%
MW-10D	0 (2001 Data)	0	--
MW-15D	0 (2001 Data)	0	--

* - Wells are not regularly sampled. No data is available for this well.

CHANGE IN CDCE CONCENTRATION 2022 POST INJECTIONS-2025

Monitoring Well	cDCE Concentration (ug/L)		Percent Change
	August 2022	August 2025	
PW-1	64	1.5	-97.66%
PW-3R	960	280	-70.83%
ESI-1	0	0	--
ESI-2	780	400	-48.72%
ESI-3	22	0	-100%
ESI-6	0	1	+100%
ESI-7	4.4	1	-77.27%
ESI-10	0	1.8	+100%
ESI-11	0	3.1	+100%
ESI-12	0	0	--
ESI-13R	1.5	0	-100%
ESI-2D	0 (1999 Data)	0	--
PW-2	230 (2010 Data)	13	-94.35%
MW-10D	0 (2001 Data)	0	--
MW-15D	0 (2001 Data)	0	--

* - Wells are not regularly sampled. No data is available for this well.

CHANGE IN TRANS-DCE CONCENTRATION 2022 POST INJECTIONS-2025

Monitoring Well	TRANS-DEC Concentration (ug/L)		Percent Change
	August 2022	August 2025	
PW-1	0	0	--

PW-3R	0	0	--
ESI-1	0	0	--
ESI-2	14	2.2	-84.29%
ESI-3	0	0	--
ESI-6	0	0	--
ESI-7	0	0	--
ESI-10	0	0	--
ESI-11	0	0	--
ESI-12	0	0	--
ESI-13R	0	0	--
ESI-2D	No Data *	0	--
PW-2	No Data *	0	--
MW-10D	No Data *	0.1	--
MW-15D	No Data *	0	--

* - Wells are not regularly sampled. No data is available for this well.

CHANGE IN VINYL CHLORIDE CONCENTRATION 2022 POST INJECTIONS-2025

Monitoring Well	VC Concentration (ug/L)		Percent Change
	August 2022	August 2025	
PW-1	2	0	-100%
PW-3R	13	1000	+7592.31%
ESI-1	0	0	--
ESI-2	120	150	+25%
ESI-3	0.92	0	-100%
ESI-6	0	0.62	+100%
ESI-7	0	0	--
ESI-10	0	0.11	+100%
ESI-11	0	4.2	+100%
ESI-12	0	0	--
ESI-13R	0	0	--
ESI-2D	0 (1999 Data)	0	--
PW-2	140 (2010 Data)	12	-91.43%
MW-10D	0 (2001 Data)	0.1	+100%
MW-15D	0 (2001 Data)	0	--

* - Wells are not regularly sampled. No data is available for this well.

Pre and post groundwater monitoring results from the 2022 treatment is provided in **Table 1**. Potassium permanganate candles were removed 5 weeks prior to the 2025 sampling event.

Since the treatment implemented in October 2014, ten of the eleven monitoring wells sampled annually have continued to exhibit reductions in Total VOC concentrations. Well ESI-1 showed positive percent changes from 2014 to 2025 but exhibited negative percent change in TCE from 2022-2025.

In the most recent 2025 sampling round, eight of the eleven annually sampled wells showed an increase in total VOC concentrations compared to 2024. This increase is attributable to elevated concentrations of degradation products, including cis-1,2-dichloroethene (cis-1,2-DCE), vinyl chloride (VC), trans-1,2-dichloroethene (trans-1,2-DCE), and 1,1-dichloroethene (1,1-DCE).

Despite presence of daughter products in all monitoring wells besides ESI-1, ESI-2D, ESI-3, ESI-12, ESI-13R, and MW-15D on the 2025 sampling data, concentrations of TCE generally continue to decline in monitoring wells located downgradient of the source area. In comparison with the 2022 data, the 2025 sampling results show TCE levels increasing in monitoring wells ESI-10, ESI-11, and ESI-12 from non-detect. While these monitoring wells are now detecting TCE, these levels are still below NY-AWQS and have been consistent throughout the past three sampling events.

During the 2021 Pre-Treatment Investigation, the MIP was advanced into multiple borings, resulting in evidence for contamination in two subsurface zones. At ESI-2, PW-2, and ESI-6, there are elevated electrical conductivity readings in the shallow upper sand/ gravel unit, indicating TCE impacts in the screened sections of the wells. While electrical conductivity readings continue to be elevated a few feet below the screened section of the well, it is believed that the current depth is sufficient for monitoring contamination. This investigation also revealed TCE contamination in the area of PW-3R at the depths of 35 feet bgs. This is below the confining silt/clay lens but is currently in the screened portion of the well. In response to the MIP data, wells ESI-2D, PW-2, MW-10D, and MW-15D were all sampled to characterize water below the confining silt/clay lens. Levels of Vinyl Chloride exceeded NYS Ambient Water Quality Standards. No other exceedances were observed in any of these deeper water wells. MIP graphs and well screening depths can be seen in **Figure 6**.

Total VOC concentrations increased in eight of the eleven monitoring wells sampled annually. Among these eight wells, only three exhibited marginal increases in TCE concentrations between the 2024 and 2025 sampling events. The cause of these localized TCE increases is not definitively known; however, potential explanations include: the injection activities may have temporarily redirected contaminated groundwater toward specific monitoring points, or the

emplacement of EDR and ISCR amendments may have mobilized sorbed-phase contaminants from soil particles into the dissolved phase.

Despite the observed increases in total VOCs, five of the eleven annually sampled wells demonstrated increased concentrations of TCE daughter products concurrent with decreasing TCE levels. This trend is consistent with ongoing reductive dechlorination following the 2022 treatment event and indicates that the biological and chemical degradation pathways remain active. As the source area has now been treated, VOC concentrations along the periphery of the plume are expected to attenuate over time as degradation processes continue and mass flux from the source is reduced.

TCE was not detected during the 2025 PRR sampling event at source-area well PW-3R. This well exhibited substantial increases in cis-1,2-dichloroethene (cis-1,2-DCE) and vinyl chloride (VC) relative to the August 2024 results, further supporting active reductive dechlorination at this location. For the second consecutive year, groundwater samples were also analyzed for dissolved gases to assess the progression of reductive dechlorination associated with the 2022 treatment.

The table below summarizes the observed VOC concentrations and dissolved gas data following treatment:

SOURCE AREA CHANGE IN VOC CONCENTRATION 2024-2025

<i>PW-3R (Source Area)</i>	<i>2024 Results (ug/L)</i>	<i>2025 Results (ug/L)</i>	<i>Percent Change</i>
Trichloroethene	0.53	Not Detected	-100%
1,1-Dichloroethene	0.76	Not Detected	-100%
trans-1,2-Dichloroethene	Not Detected	Not Detected	--
cis-1,2-Dichloroethene	16	280	+1650%
Vinyl chloride	490	1000	+104.08%
Methane	16,000	6,220	-61.13%
Ethane	260	95.8	-63.15%
Ethene	820	307	-62.56%

After three years, TCE at the source is no longer detected. Daughter compounds cis-1,2 Dichloroethene and Vinyl chloride have increased over the past year from

what is believed to be the breakdown of TCE. C&S anticipated that targeted source area treatment will eliminate contamination loading to other areas of the Site. Based on the latest sample results, this appears to be correct.

Post 2022 injections, it has become evident that ORP is trending in a positive direction in the majority of the wells. A possibility for this outcome could be that there is too much residual potassium permanganate in the soil, causing the MZVI not to be as efficient as planned. In response to this, the potassium permanganate candles were permanently removed from the wells 5-weeks prior to the 2025 sampling. These metrics will continue to be monitored for future PRRs to assess the effectiveness of this remediation tactic.

Beginning in 2024, testing for vinyl chloride daughter compounds showed evidence of methane, ethene, and ethane in the groundwater. The continued breakdown of CVOC to dissolved gases will be monitored in future PRRs. Historic concentrations of TCE and its daughter compounds from October 2005 to August 2025 are presented on **Figures 2, 3, and 4** and **Graph 1**. Laboratory analytical results and Data Usability Summary Report (DUSR) are provided in **Appendix A**.

4 IC/EC PLAN COMPLIANCE REPORT

4.1 IC/EC Requirements and Compliance

As stated in the 2003 ROD, the remedial goals selected for this Site are:

- Treat the source area of groundwater contamination by oxidation dichlorination of the contaminants in place;
- Prevent exposure of human receptors to contaminated groundwater in the sand and gravel unit under Site;
- Prevent or mitigate, to the maximum extent practicable, COC migration via groundwater so that releases from the underlying sand and gravel unit to the Chadakoin River do not exceed applicable standards, criteria and guidance (SCGs);
- Prevent or mitigate, to the maximum extent practicable, the migration of contaminated groundwater to off-site areas;
- Restore on-Site groundwater in the sand and gravel unit to the maximum extent practicable which will not result in exceedances of applicable SCGs; and
- Monitor the groundwater in a manner to verify the effectiveness of the remedial actions.

4.1.1 Institutional Controls

The institutional controls for this Site are:

- Groundwater Use Restriction
- Land Use Restriction
- Monitoring Plan
- Operation and Monitoring Plan

The Site has not changed owners, and the land use of the Site has not change. A signed certification that groundwater is not utilized is provided by the property owner in **Appendix B**.

4.1.2 Engineering Controls

As specified under the Engineering Control Provision, any future development on the Site will include provisions for soil gas controls, or an assessment demonstrating that such controls are not needed.

The soil vapor intrusion (SVI) work plan, submitted on February 20, 2015, targeted areas in the main JCC building and one smaller outbuilding to determine if TCE and other chlorinated compounds in the groundwater have impacted the soil vapor and indoor air quality.

The main JCC building is a linear building that begins at South Dow Street and extends approximately 1,060 feet to the northeast. The main building consists of multiple interconnected buildings that have been added throughout its history. The main building consists of the following portions, starting from South Dow Street:

- Four-story brick building, 55 feet long by 100 feet wide;
- Two-story brick building 300, feet long by 50 feet wide;
- One-story brick building 380, feet long by 80 feet wide; and
- One-story steel building 325, feet long by 100 feet wide.

A second, one-story concrete block building (220 feet long by 50 feet wide), referred to by JCC as Building #9, is south of the main building. Building #9 is used for manufacturing.

Building #9 SSD System

Two multi-suction point SSD systems were installed by Mitigation Tech using principles and equipment typically used for soil vapor intrusion mitigation in buildings in compliance with the NYSDOH document, "Guidance for Evaluation Soil Vapor Intrusion in the State of New York, October 2006."

The building was assessed by confirmatory sub-slab air communication testing at the job start to refine data obtained from the preliminary building assessment. The system, comprised of two fans, suction cavities, and other SSD system components, was constructed on March 21 through 27, 2017. Vacuum and air flow measurements were performed continuously during construction to ensure design integrity.

A total of two manometers (B9-1 and B9-2) and six test points (north end of the building) were installed for this system.

A detailed description of the SSDS components are provided in the 2018 OM&M Work Plan.

Building #5 and #6 SSD System

Mitigation Tech installed five single suction point SSD systems using principles and equipment typically used for soil vapor intrusion mitigation in buildings in compliance with the NYSDOH document, "Guidance for Evaluation Soil Vapor Intrusion in the State of New York, October 2006."

The building was assessed by extensive sub-slab air communication testing at job start to refine data obtained from the preliminary building assessment. Due to a system of sub-slab structural arches and crisscrossing grade beams, sub-slab spaces were either inaccessible or difficult to access. In the case of Building 5, extensive backfilling has occurred such that the soil is present immediately below the floor in the central and northernmost portions of the foundation. The southernmost portion is an open crawlspace with a dirt floor. Mitigation Tech determined that active ventilation of the southernmost sub-slab compartment bounded by buildings 4 and 6A would constitute a zone of defense to intercept soil vapor migrating from the south which would also create some limited depressurization north of the first grade beam. In the case of Building 6, the sub-space is in essence a crawlspace, so ventilation was determined the most appropriate strategy to divert vapors from the building interior.

A total of two manometers (B5-1 and B5-2) and two test points (near crawlspace entrance and near folk lift ramp) were installed in Building 5 for this system.

A total of three manometers (B6-1, B6-2, and B6-3) and three test points (near crawlspace entrance and near folk lift ramp) were installed in building 6 for this system.

A detailed description of the SSDS components are provided in 2018 OM&M Work Plan.

4.2 IC/EC Certification

As required, the Site Management Periodic Review Report Notice – Institutional and Engineering Controls Certificate Form has been completed, and a copy is provided in **Appendix C**.

5 OPERATION AND MAINTENANCE PLAN COMPLIANCE

An updated Operation, Maintenance and Monitoring (OM&M) Work Plan was approved by the NYSDEC in March 2018. The updated Work Plan includes monitoring the natural attenuation of the groundwater contamination and periodic inspection of two soil vapor mitigation systems over five years. The Remedial Action Monitoring Program consists of monitoring Site groundwater on an annual basis and the performance of the SSDS on a monthly and annual basis.

No excavation or importation of materials occurred to the areas under the Environmental Easement within the certifying period.

5.1 Groundwater Monitoring Wells

Potassium permanganate candles were permanently removed from the wells on June 27, 2025. Water purged from the monitoring wells will be containerized and disposed of off-site. The purge water waste and candle removal manifests are provided in **Appendix D**.

The following maintenance items were identified:

- No maintenance items were identified at this time.

5.2 Soil Vapor Mitigation Systems

5.2.1 Monthly Monitoring

Monthly monitoring will be conducted as follows:

- Inspect fan vacuum indicator to verify that the value indicated by a mark on the gauge has not changed significantly from the position of the mark. The gauge is inspected by observing the level of colored fluid.
- Record the observed measurement for each fan vacuum indicator on form labeled "SSD System Vacuum Gauge Record." Store all forms in the facility maintenance office.
- Inspect visible components of SSD system for degraded condition.

Monthly vacuum gauge readings are provided in **Appendix E**. Due to staffing turnovers, vacuum gauge numbers from January through March were not collected. To prevent this from occurring in the future, this task was delegated to

the on-site Environmental Health and Safety Manager. Monthly readings will continue to be sent to the NYSDEC for review.

5.2.2 Annual Inspection

Annual inspection will be conducted as follows:

- Conduct a visual inspection of the complete system (e.g., vent fans, piping, warning devices, labeling).
- Inspect all components for condition and proper operation.
- Identify and repair any leaks in accordance with Sections 4.3.1(a) and 4.3.4(a) of the NYS DOH VI Guidance (i.e., with the systems running, use smoke sticks to check for leaks through concrete cracks, floor joints and at the suction points; any leaks will be resealed until smoke is no longer observed flowing through the opening).
- Inspect the exhaust or discharge point of each exhaust fan to verify that no air intakes have been located within 10 feet.
- Conduct pressure field extension testing to ensure that the system is maintaining a vacuum beneath the entire slab. Perform a differential pressure reading at least one vacuum test point.
- Interview appropriate building occupants seeking comments and observations regarding the operation of the system.
- Confirm that the circuit breakers controlling the circuits on which the soil vapor vent fans operate are labeled "Soil Vapor System."

5.2.2.1 SSDS Inspection

On September 11, 2025, Mitigation Tech performed a complete inspection of all system components. Mitigation Tech certifies both systems are effectively maintaining sub-slab depressurization. Prior to the 2025 inspection, the three outdoor pressure gauges on stacks B6-1, B6-2, and B6-3 were replaced. The technician verified the vacuum readings at the pipe with a digital manometer, and the registered sufficient pressure indicating the system was working.

Mitigation Tech did not identify any cracks in the building slab that require repair.

Mitigation Tech's inspection reports and subsequent email notes are provided in **Appendix E**.

6 CONCLUSIONS AND RECOMMENDATIONS

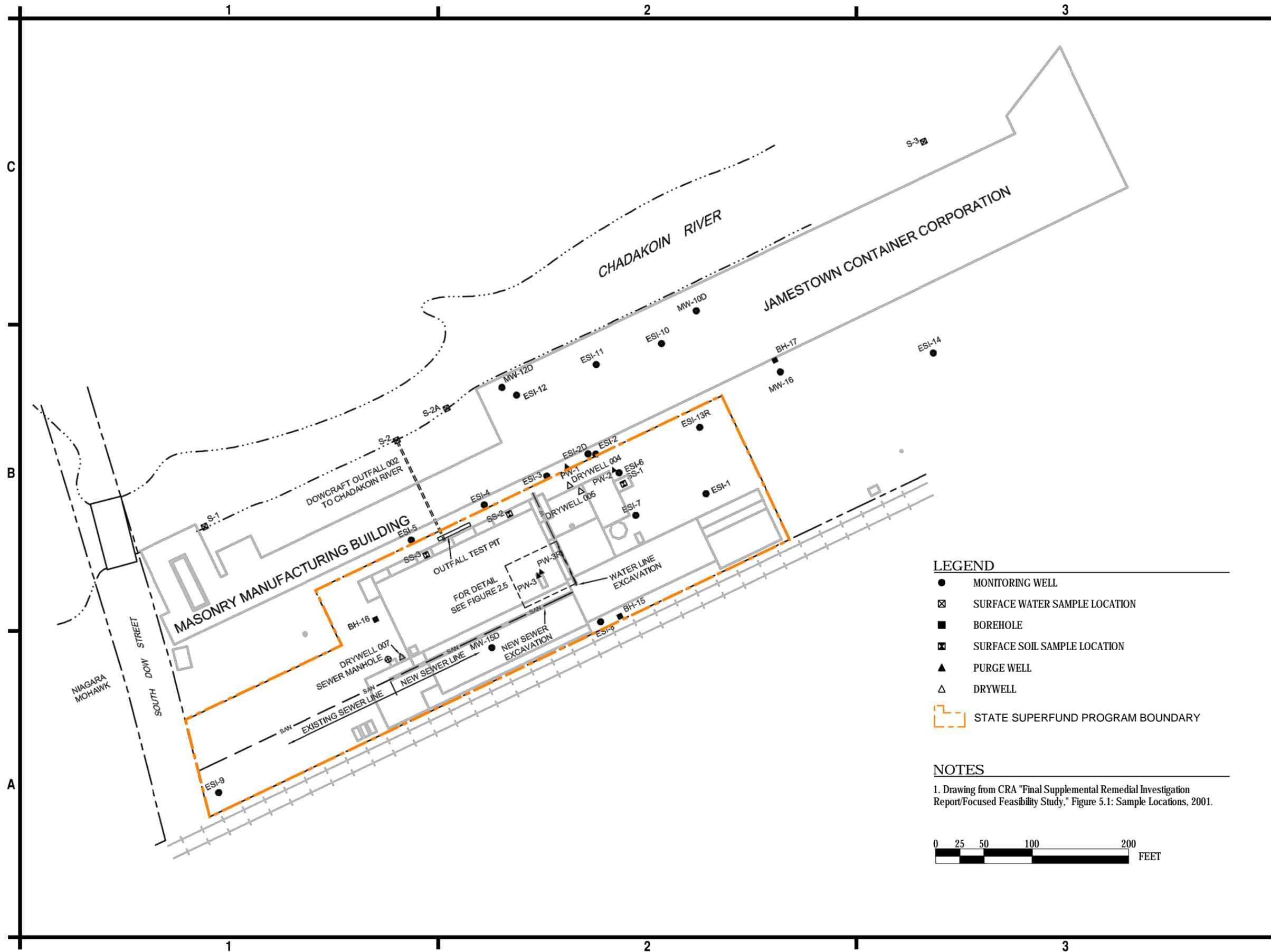
Based upon the remedial activities performed, the following conclusions have been formulated:

- All of the required work was completed and is reported herein.
- The remedial activities performed at the Site have prevented any adverse risk to human health and the environment.
- The groundwater flow configuration beneath the Site is stable and remains consistent with the historically identified trends. The groundwater flow is to the north and discharges into the Chadakoin River.
- Sampling suggests a high level of effectiveness of EDR/ISCR injections within the source area. The source area was reduced to almost 100% in eight weeks.
- The treatment products used continues to remain effective over many years, we expect the source area to continue to actively dechlorinate concentrations of VOCs. This will continue to eliminate contamination loading to other areas of the Site. We expect VOC concentrations of daughter compounds in other monitoring wells to reduce over time.
- Potassium permanganate candles are no longer in any of the wells. Candles were removed on June 27, 2025, and removed from the site on November 26, 2025. Monitoring wells will continue to be evaluated in upcoming years and any changes to water quality will be noted.
- The SVI systems comprised of an SSD system for Building 9 and an SSD system and CVS for Buildings 5 and 6 were verified for effectiveness, no further action required

Groundwater monitoring will continue to occur annually following the Operation, Maintenance and Monitoring (OM&M) Work Plan.

FIGURES

f:\Project\30 - jamestown container\environmental\CADD-GIS\Sheet Files\FIGURE 1 HISTORIC AND EXISTING SITE FEATURES.dwg



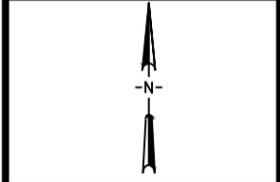
- LEGEND**
- MONITORING WELL
 - ☒ SURFACE WATER SAMPLE LOCATION
 - BOREHOLE
 - ☒ SURFACE SOIL SAMPLE LOCATION
 - ▲ PURGE WELL
 - △ DRYWELL
 - ☐ STATE SUPERFUND PROGRAM BOUNDARY

NOTES

1. Drawing from CRA "Final Supplemental Remedial Investigation Report/Focused Feasibility Study," Figure 5.1: Sample Locations, 2001.



C&S ENGINEERS, INC.
 141 Elm Street.
 Buffalo, New York 14203
 Phone: 716-847-1630
 Fax: 716-847-1454
 www.cscos.com

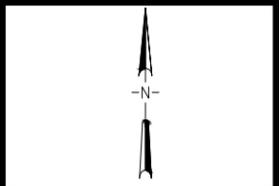
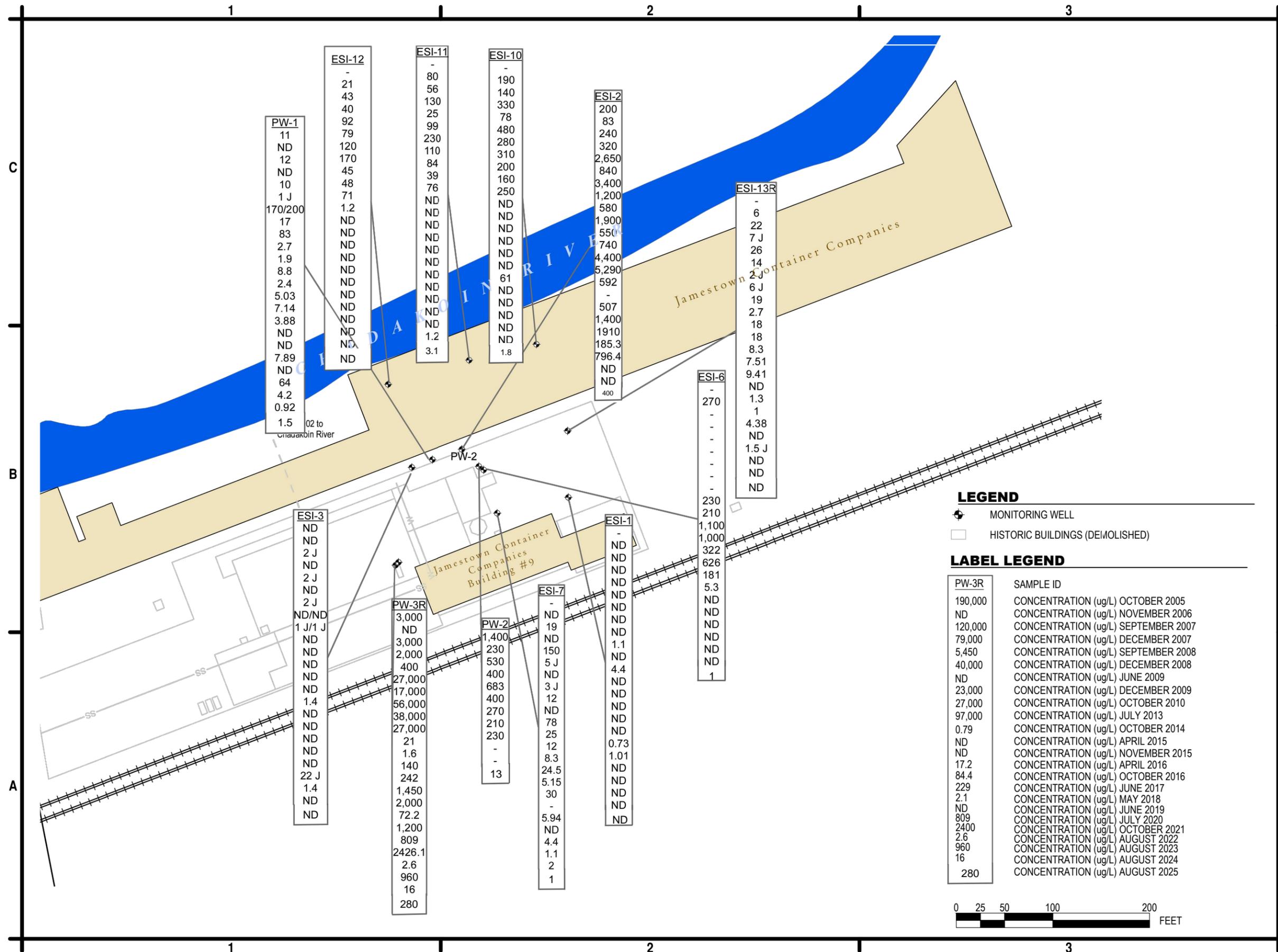


**FORMER DOWCRAFT FACILITY
 GROUNDWATER REMEDIATION
 FALCONER, NEW YORK**

MARK	DATE	DESCRIPTION
REVISIONS		
PROJECT NO: N30.001.001		
DATE: JUNE 6, 2016		
DRAWN BY: C. MARTIN		
DESIGNED BY: C. MARTIN		
CHECKED BY: D. RIKER		

**HISTORIC AND
 EXISTING SITE
 FEATURES**

FIGURE 1



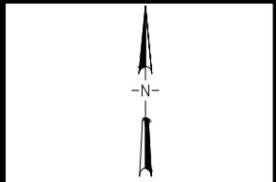
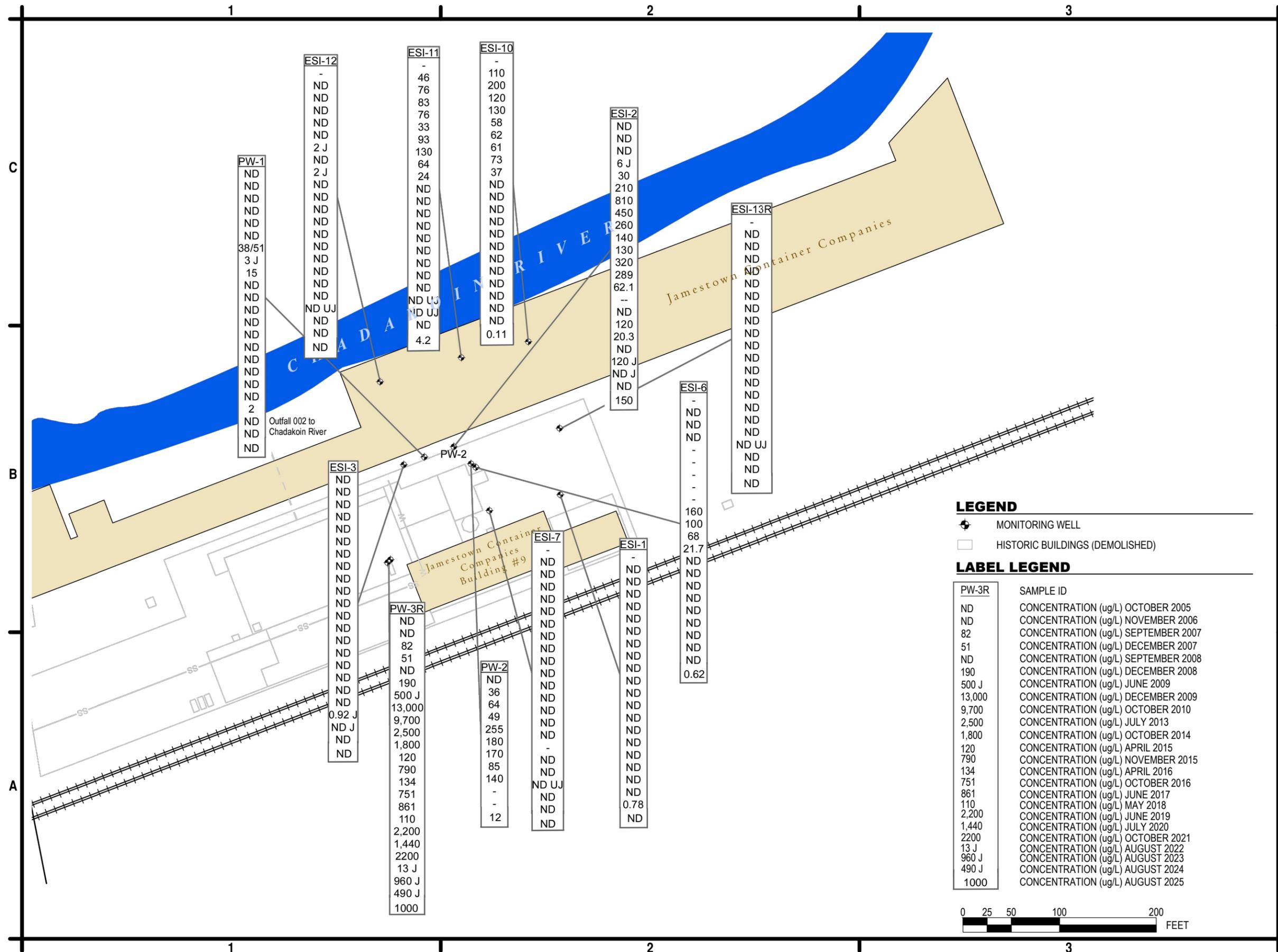
**FORMER DOWCRAFT FACILITY -
PERIODIC REVIEW REPORT**

FALCONER, NEW YORK

MARK	DATE	DESCRIPTION
REVISIONS		
PROJECT NO: N30.001.001		
DATE: NOVEMBER 2025		
DRAWN BY: C. MARTIN		
DESIGNED BY: C. MARTIN		
CHECKED BY: D. RIKER		
NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW		

cis-1,2-DICHLOROETHENE
CONCENTRATIONS

FIGURE 3



**FORMER DOWCRAFT FACILITY -
PERIODIC REVIEW REPORT**

FALCONER, NEW YORK

MARK	DATE	DESCRIPTION
REVISIONS		
PROJECT NO: N30.001.001		
DATE: NOVEMBER 2025		
DRAWN BY: C. MARTIN		
DESIGNED BY: C. MARTIN		
CHECKED BY: D. RIKER		

**VINYL CHLORIDE
CONCENTRATIONS**

FIGURE 4

LEGEND

- MONITORING WELL
- HISTORIC BUILDINGS (DEMOLISHED)

LABEL LEGEND

PW-3R	SAMPLE ID
ND	CONCENTRATION (ug/L) OCTOBER 2005
ND	CONCENTRATION (ug/L) NOVEMBER 2006
82	CONCENTRATION (ug/L) SEPTEMBER 2007
51	CONCENTRATION (ug/L) DECEMBER 2007
ND	CONCENTRATION (ug/L) SEPTEMBER 2008
190	CONCENTRATION (ug/L) DECEMBER 2008
500 J	CONCENTRATION (ug/L) JUNE 2009
13,000	CONCENTRATION (ug/L) DECEMBER 2009
9,700	CONCENTRATION (ug/L) OCTOBER 2010
2,500	CONCENTRATION (ug/L) JULY 2013
1,800	CONCENTRATION (ug/L) OCTOBER 2014
120	CONCENTRATION (ug/L) APRIL 2015
790	CONCENTRATION (ug/L) NOVEMBER 2015
134	CONCENTRATION (ug/L) APRIL 2016
751	CONCENTRATION (ug/L) OCTOBER 2016
861	CONCENTRATION (ug/L) JUNE 2017
110	CONCENTRATION (ug/L) MAY 2018
2,200	CONCENTRATION (ug/L) JUNE 2019
1,440	CONCENTRATION (ug/L) JULY 2020
2200	CONCENTRATION (ug/L) OCTOBER 2021
13 J	CONCENTRATION (ug/L) AUGUST 2022
960 J	CONCENTRATION (ug/L) AUGUST 2023
490 J	CONCENTRATION (ug/L) AUGUST 2024
1000	CONCENTRATION (ug/L) AUGUST 2025



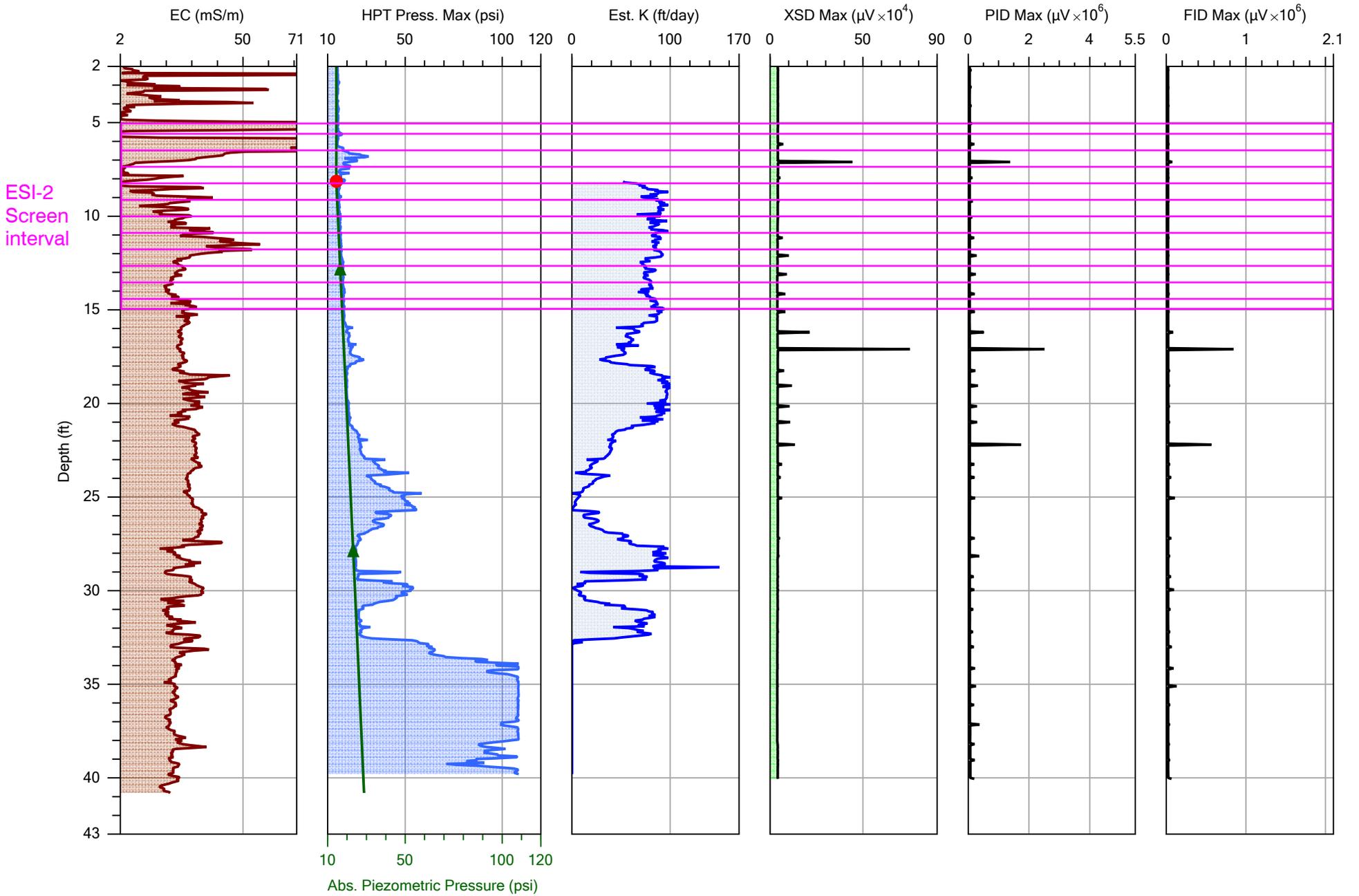


Figure 6a

Company: Parratt-Wolff		Operator: Wayne Nielson	File: LL-MIHPT-01.MHP
Project ID: 20042		Client: C&S	Date: 1/4/2021
			Location: Jamestown NY

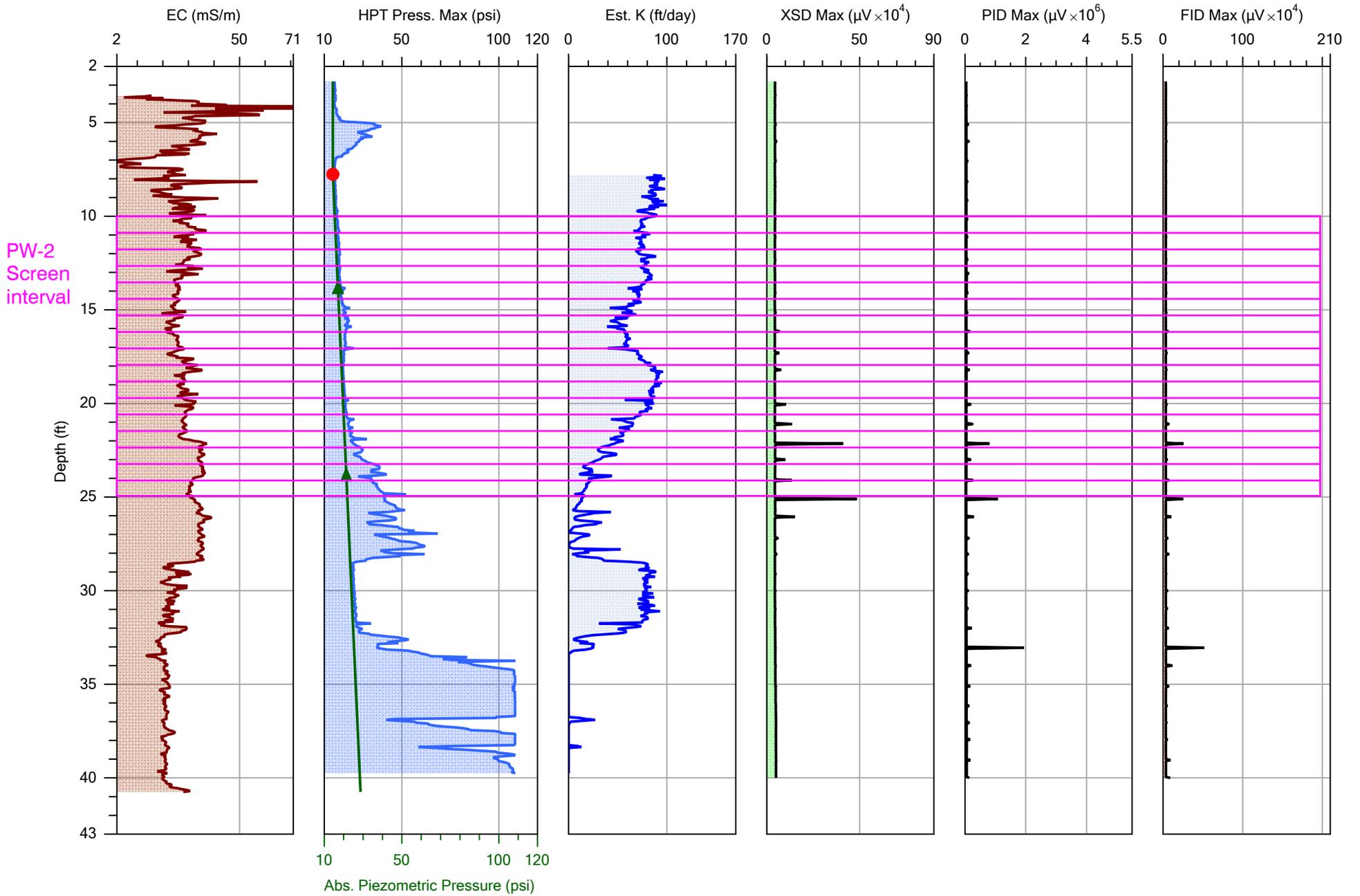


Figure 6b

Company: Parratt-Wolff		Operator: Wayne Nielson		File: LL-MIHPT-02.MHP
Project ID: 20042		Client: C&S		Date: 1/5/2021
				Location: Jamestown NY

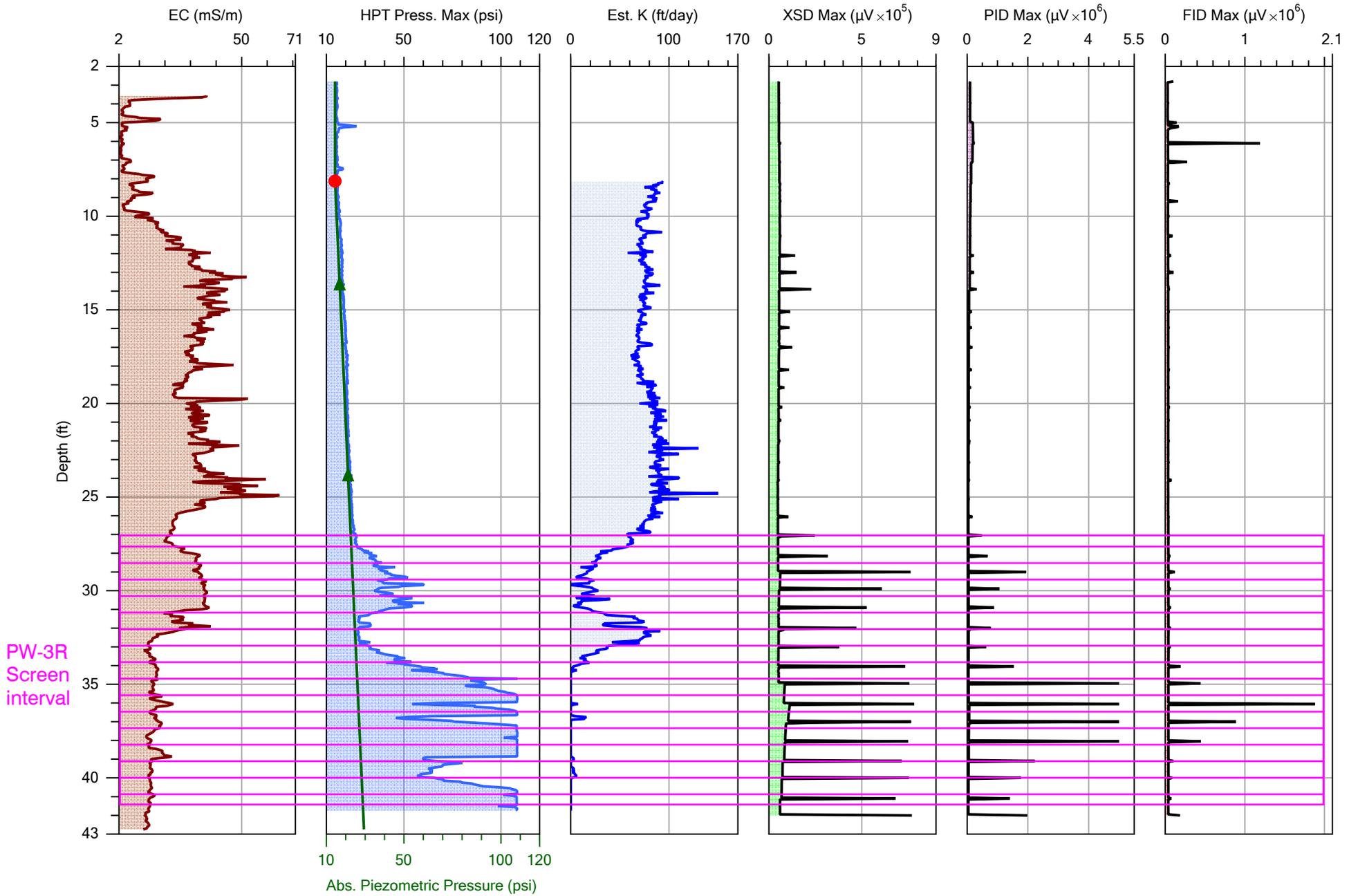


Figure 6c



Company: Parratt-Wolff		Operator: Wayne Nielson	File: LL-MIHPT-04.MHP
Project ID: 20042		Client: C&S	Date: 1/5/2021
			Location: Jamestown NY

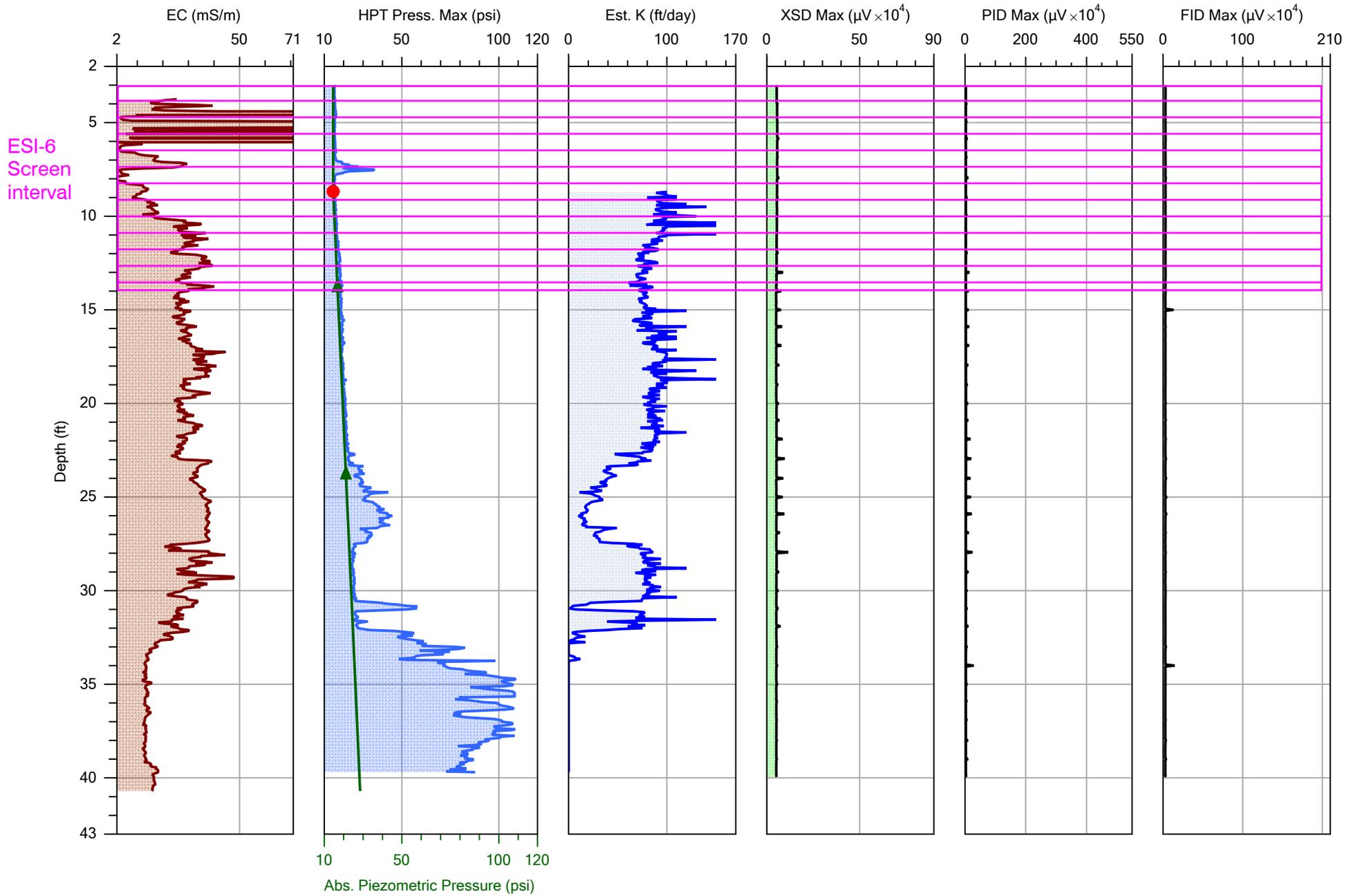


Figure 6d

Company: Parratt-Wolff		Operator: Wayne Nielson	File: LL-MIHPT-07.MHP
Project ID: 20042		Client: C&S	Date: 1/6/2021
			Location: Jamestown NY

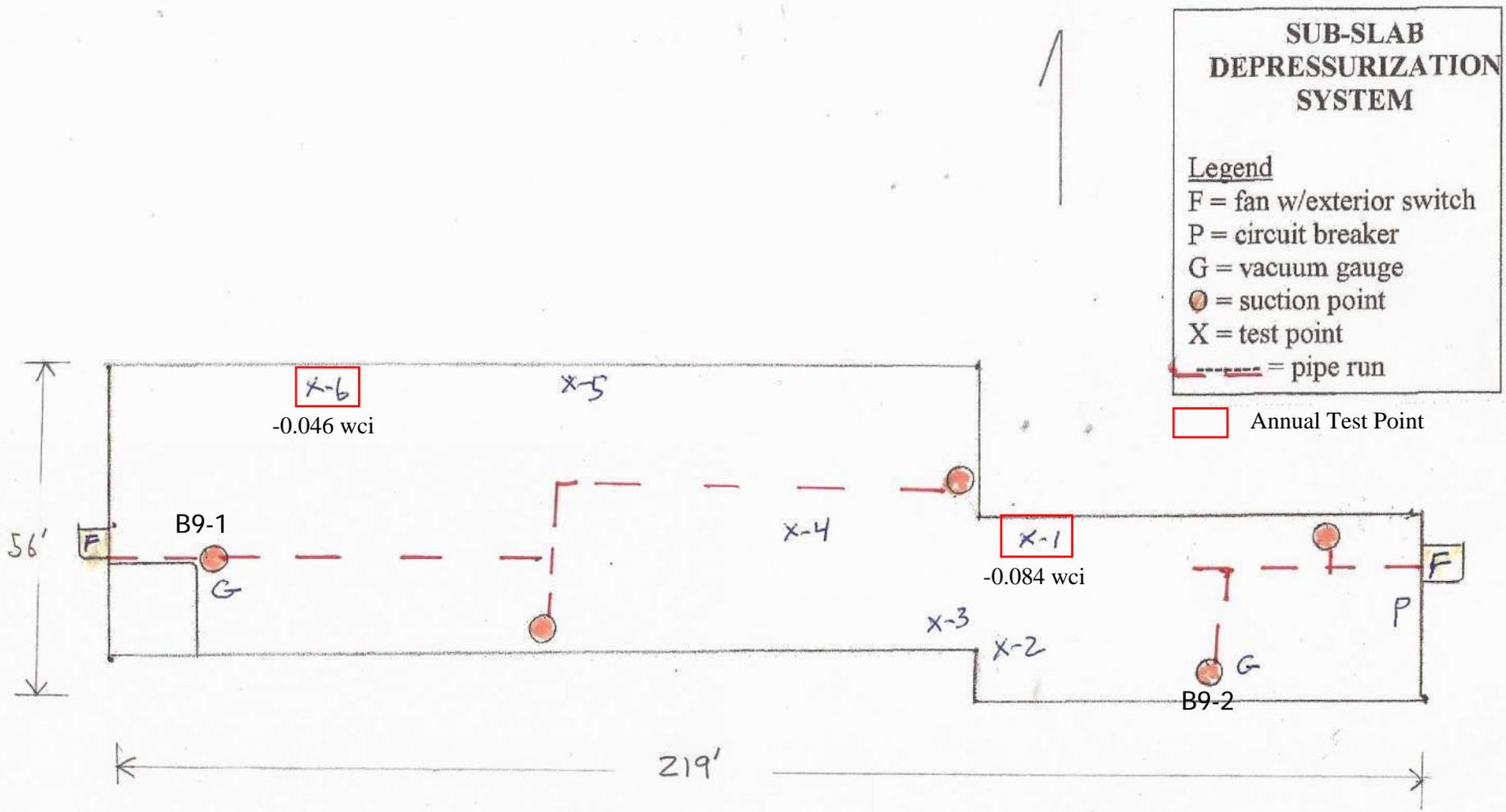
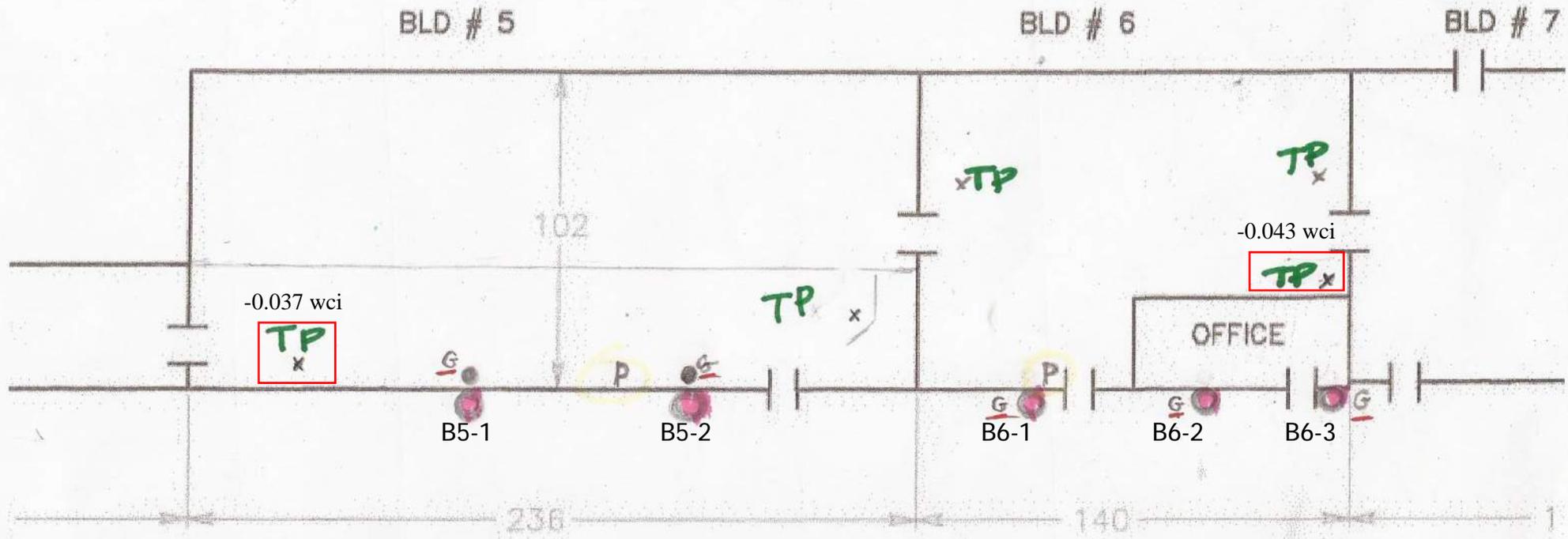


Figure 8a

Building #9 - SSDS

SUB-SLAB DEPRESSURIZATION SYSTEM DIAGRAM
 Jamestown Container Companies – 65 South Dow St., Falconer, NY 14733
 Installed by: Mitigation Tech, 55 Shumway Rd., Brockport, NY 14420
 Date of Completion: March 27, 2017 Phone: 1-800-637-9228

○ = FAN/SUCTION POINT
 G = GAUGE P = PANEL
 TP = VACUUM TEST POINT
 □ = Annual Test Point



SUB-SLAB DEPRESSURIZATION/VENTILATION SYSTEM DIAGRAM
 Jamestown Container Companies – 65 South Dow St., Falconer, NY 14733
 Buildings #5 & #6
 Installed by: Mitigation Tech, 55 Shumway Rd., Brockport, NY 14420
 Date of Completion: August 4, 2017

Figure 8b

TABLES

TABLE 1
2022 PRE AND POST TREATMENT
GROUNDWATER ANALYTICAL RESULTS

FORMER DOWCRAFT FACILITY
TOWN OF FALCONER, NEW YORK



SAMPLE ID: COLLECTION DATE: SAMPLE MATRIX: NY-AWQ5 NY-TOGS-GA (ug/l) (ug/l)	ESI-1-102721		ESI-1-081822		ESI-1-083123		ESI-1-20240827		ESI-1-20250806		ESI-2-102721		ESI-2-081822		ESI-2-083123		ESI-2-20240827		ESI-2-20250806		ESI-2D-20250813			
	10/27/2021		8/18/2022		8/31/2023		8/27/2024		8/6/2025		10/27/2021		8/18/2022		8/31/2023		8/27/2024		8/6/2025		8/13/2025			
	WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER			
	Result	Flg	Result	Flg	Result	Flg	Result	Flg	Result	Flg	Result	Flg	Result	Flg	Result	Flg	Result	Flg	Result	Flg	Result	Flg		
VOCs																								
1,1,1-Trichloroethane	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
1,1,2,2-Tetrachloroethane	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
1,1,2-Trichloroethane	1	1	ND		ND		ND	UJ	ND		ND		ND		ND		ND	UJ	ND		ND			
1,1-Dichloroethene	5	5	ND		ND		ND		ND		0.27	J	2.4	J	ND	J	ND	UJ	0.52		ND			
1,2,3-Trichlorobenzene	5	5	ND		ND		ND		ND	UJ	ND		ND		ND		ND		ND	UJ	ND			
1,2,4-Trimethylbenzene	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
1,2-Dibromo-3-chloropropane	0.04	0.04	ND		ND		ND	UJ	ND	UJ	ND		ND		ND		ND	UJ	ND	UJ	ND			
1,2-Dibromoethane	0.0006	0.0006	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
1,2-Dichlorobenzene	3	3	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
1,2-Dichloroethane	0.6	0.6	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
1,2-Dichloropropane	1	1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
1,3,5-Trimethylbenzene	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
1,3-Dichlorobenzene	3	3	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
1,4-Dichlorobenzene	3	3	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
2-Butanone	50	50	ND		ND	UJ	ND		ND	UJ	ND		ND	10	J	ND		ND	2	J	ND		ND	UJ
2-Hexanone	50	50	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	UJ
4-Methyl-2-pentanone	NA	NA	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	UJ
Acetone	50	50	2.9	J	ND	UJ	ND		ND		14	J	8.8		49	J	5.9		9.7	J	27	J	13	UJ
Benzene	1	1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Bromodichloromethane	50	50	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Bromoform	50	50	ND		ND		ND		ND		ND		ND	UJ	1.6		3							
Bromomethane	5	5	ND		ND	UJ	ND		ND	UJ	ND		ND		ND		ND	UJ	ND	UJ	ND		ND	
Carbon disulfide	60	60	ND		ND	UJ	ND		ND	UJ	3.2	J	ND		ND		ND	UJ	ND	UJ	2.9	J	ND	
Carbon tetrachloride	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chlorobenzene	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chloroethane	5	5	ND		ND	UJ	ND		ND		ND		ND		ND	UJ	ND		ND		ND	UJ	ND	
Chloroform	7	7	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chloromethane	NA	NA	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
cis-1,2-Dichloroethene	5	5	ND		ND		ND		ND		180		780		ND		ND		ND		400	J	ND	
cis-1,3-Dichloropropene	0.4	0.4	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Cyclohexane	NA	NA	ND		ND	UJ	ND		ND		ND		ND	UJ	ND		ND		ND		ND		ND	
Dibromochloromethane	50	50	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dichlorodifluoromethane	5	5	ND		ND	UJ	ND	UJ	ND		ND		ND	UJ	ND	UJ	ND		ND		ND		ND	
Ethylbenzene	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Freon-113	5	5	ND		ND	UJ	ND		ND		ND		ND	UJ	ND		ND		ND		ND		ND	
Isopropylbenzene	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Methyl Acetate	NA	NA	ND		ND	UJ	ND		ND		ND		ND	UJ	ND		ND		ND		ND		ND	
Methyl cyclohexane	NA	NA	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Methyl tert butyl ether	10	10	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	UJ
Methylene chloride	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
n-Butylbenzene	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
n-Propylbenzene	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	10	10	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
o-Xylene	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
p-Isopropyltoluene	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
p/m-Xylene	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
sec-Butylbenzene	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Styrene	5	930	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
tert-Butylbenzene	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Tetrachloroethene	5	5	ND		ND		ND		ND		0.48	J	ND		ND		ND		ND		ND		ND	
Toluene	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
trans-1,2-Dichloroethene	5	5	ND		ND		ND		ND		5		14		ND		ND		ND		2.2	J	ND	
trans-1,3-Dichloropropene	0.4	0.4	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Trichloroethene	5	5	7.8		4.4		2.8		2.6		3.1		200	E	400		1.1		ND		5.6		ND	
Trichlorofluoromethane	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vinyl chloride	2	2	ND		ND	UJ	ND		0.78	J	ND	UJ	ND		120	J	ND	J	ND		150		ND	
TOTAL			10.7		4.4		2.8		3.38		20.3		394.55		1375.4		8.6		14.7		588.22		0	

TABLE 1
2022 PRE AND POST TREATMENT
GROUNDWATER ANALYTICAL RESULTS

FORMER DOWCRAFT FACILITY
TOWN OF FALCONER, NEW YORK



SAMPLE ID: COLLECTION DATE: SAMPLE MATRIX: NY-AWQS (ug/l) NY-TOGS-GA (ug/l)	ESI-10-102721	ESI-10-081822	ESI-10-083023	ESI-10-20240828	ESI-10-20250813	MW-10D-20250813	ESI-11-102721	ESI-11-081822	ESI-11-083023	ESI-11-20240828	ESI-11-20250813	ESI-12-102721	ESI-12-081822	ESI-12-0813023	ESI-12-20240828	ESI-12-20250813		
	10/27/2021	8/18/2022	8/30/2023	8/28/2024	8/13/2025	8/13/2025	10/27/2021	8/18/2022	8/30/2023	8/28/2024	8/13/2025	10/27/2021	8/18/2022	8/30/2023	8/28/2024	8/13/2025		
	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	
	Result Flg	Result Flg	Result Flg	Result Flg	Result Flg	Result Flg	Result Flg	Result Flg	Result Flg	Result Flg	Result Flg	Result Flg	Result Flg	Result Flg	Result Flg	Result Flg	Result Flg	
VOCs																		
1,1,1-Trichloroethane	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,1,2,2-Tetrachloroethane	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,1,2-Trichloroethane	1	1	ND	ND	ND	ND UJ	ND	ND	ND	ND UJ	ND	ND	ND	ND	ND UJ	ND	ND	
1,1-Dichloroethene	5	5	ND	ND	ND	ND UJ	ND	ND	ND	ND UJ	ND	ND	ND	ND	ND UJ	ND	ND	
1,2,3-Trichlorobenzene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,2,4-Trimethylbenzene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-Dibromo-3-chloropropane	0.04	0.04	ND	ND UJ	ND	ND UJ	ND	ND	ND	ND UJ	ND	ND	ND	ND	ND UJ	ND	ND	
1,2-Dibromoethane	0.0006	0.0006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-Dichlorobenzene	3	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-Dichloroethane	0.6	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-Dichloropropane	1	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,3,5-Trimethylbenzene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,3-Dichlorobenzene	3	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,4-Dichlorobenzene	3	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2-Butanone	50	50	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND	ND UJ	ND	ND	ND	ND	ND UJ	ND	ND UJ	
2-Hexanone	50	50	ND	ND UJ	ND	ND UJ	ND UJ	ND	ND	ND	ND UJ	ND	ND	ND	ND	ND	ND UJ	
4-Methyl-2-pentanone	NA	NA	ND	ND	ND	ND UJ	ND UJ	ND	ND	ND	ND UJ	ND	ND	ND	ND	ND	ND UJ	
Acetone	50	50	3.6 J	3.6 UJ	1.9 J	3.7 J	8.8 UJ	13 UJ	7	ND UJ	2.2 J	2.3 J	14 UJ	5.6 J	2.3 UJ	3 J	2 J	13 UJ
Benzene	1	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Bromodichloromethane	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Bromoform	50	50	0.76 J	ND UJ	0.66 J	ND	ND	3.1	2.3	1.7 J	ND	3.6	2	1.2 J	ND	ND	ND	
Bromomethane	5	5	ND	ND	ND	ND	ND	ND	ND UJ	ND	ND	ND	ND UJ	ND	ND	ND	ND	
Carbon disulfide	60	60	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND	ND	ND	ND	ND UJ	ND	ND	
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Chlorobenzene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Chloroethane	5	5	ND	ND	ND UJ	ND	ND	ND	ND UJ	ND	ND	ND	ND	ND UJ	ND	ND	ND	
Chloroform	7	7	ND	ND	ND	ND UJ	ND	ND	ND	ND	ND UJ	ND	ND	ND	ND	ND	ND UJ	
Chloromethane	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
cis-1,2-Dichloroethene	5	5	ND	ND	ND	ND	1.8 J	ND	ND	ND	1.2 J	3.1	ND	ND	ND	ND	ND	
cis-1,3-Dichloropropene	0.4	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Cyclohexane	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Dibromochloromethane	50	50	ND	ND	ND	ND	ND	0.38 J	ND	ND	ND	0.36 J	ND	ND	ND	ND	ND	
Dichlorodifluoromethane	5	5	ND	ND	ND UJ	ND	ND	ND	ND	ND UJ	ND	ND	ND	ND	ND UJ	ND	ND	
Ethylbenzene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Freon-113	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Isopropylbenzene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Methyl Acetate	NA	NA	ND	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Methyl cyclohexane	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Methyl tert butyl ether	10	10	ND	ND	ND	ND	ND UJ	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND	ND UJ	
Methylene chloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
n-Butylbenzene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
n-Propylbenzene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Naphthalene	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
o-Xylene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
p-Isopropyltoluene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
p/m-Xylene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
sec-Butylbenzene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Styrene	5	930	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
tert-Butylbenzene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Tetrachloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Toluene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
trans-1,2-Dichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
trans-1,3-Dichloropropene	0.4	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Trichloroethene	5	5	ND	ND	ND	ND	2.8	ND	ND	ND	2.4	1.6	ND	ND	ND	ND	0.43 J	
Trichlorofluoromethane	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Vinyl chloride	2	2	ND	ND	ND	ND	0.11 J	0.1 J	ND	ND UJ	ND UJ	4.2	ND	ND UJ	ND	ND	ND	
TOTAL			4.36	3.6	2.56	3.7	4.71	0.1	10.48	2.3	3.9	5.9	8.9	9.56	4.3	4.2	2	0.43

TABLE 1
2022 PRE AND POST TREATMENT
GROUNDWATER ANALYTICAL RESULTS

FORMER DOWCRAFT FACILITY
TOWN OF FALCONER, NEW YORK



SAMPLE ID:	ESI-13R-102621		ESI-13R-081722		ESI-13R-083023		ESI-13R-20240828		ESI-13R_20250806		MW-15D-20250813		DUP-01-20250813		PW-1-102621		DUP-081722		PW-1-081822		DUP-081722		PW-1-083023			
	COLLECTION DATE:		10/26/2021		8/17/2022		8/30/2023		8/28/2024		8/6/2025		8/13/2025		8/13/2025		10/26/2021		44495		8/17/2022		44790		8/30/2023	
	SAMPLE MATRIX:		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	NY-AWQS (ug/l)	NY-TGS-GA (ug/l)	Result	Flg	Result	Flg	Result	Flg	Result	Flg	Result	Flg	Result	Flg	Result	Flg	Result	Flg	Result	Flg	Result	Flg	Result	Flg	Result	Flg
VOCs																										
1,1,1-Trichloroethane	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,1,2,2-Tetrachloroethane	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,1,2-Trichloroethane	1	1	ND		ND		ND		ND	UJ	ND		ND		ND		ND		ND		ND		ND		ND	
1,1-Dichloroethene	5	5	ND		ND		ND		ND	UJ	ND		ND		ND		ND		ND		ND		ND		ND	
1,2,3-Trichlorobenzene	5	5	ND		ND		ND		ND	UJ	ND		ND		ND		ND		ND		ND		ND		ND	
1,2,4-Trimethylbenzene	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,2-Dibromo-3-chloropropane	0.04	0.04	ND		ND		ND		ND	UJ	ND		ND		ND		ND		ND	UJ	ND		ND		ND	
1,2-Dibromoethane	0.0006	0.0006	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,2-Dichlorobenzene	3	3	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,2-Dichloroethane	0.6	0.6	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,2-Dichloropropane	1	1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,3,5-Trimethylbenzene	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,3-Dichlorobenzene	3	3	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	3	3	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Butanone	50	50	ND		ND	UJ	ND		ND	UJ	ND		ND	UJ	ND		ND		ND		ND		ND		ND	
2-Hexanone	50	50	ND		ND		ND		ND		ND	UJ	ND		ND	UJ	ND		ND		ND	UJ	ND		ND	
4-Methyl-2-pentanone	NA	NA	ND		ND		ND		ND	UJ	ND		ND	UJ	ND		ND		ND		ND		ND		ND	
Acetone	50	50	ND		ND	UJ	ND		ND		6.1	J	14	UJ	11	UJ	ND		1.7	J	ND		ND		ND	
Benzene	1	1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Bromodichloromethane	50	50	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Bromoform	50	50	ND		ND	UJ	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Bromomethane	5	5	ND		ND		ND		ND		ND	UJ	ND		ND		ND		ND		ND	UJ	ND		ND	
Carbon disulfide	60	60	ND		ND	UJ	ND		ND		4	J	ND		ND		ND		ND		ND		ND		ND	UJ
Carbon tetrachloride	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chlorobenzene	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chloroethane	5	5	ND		ND	UJ	ND		ND		ND	UJ	ND		ND		ND		ND		ND		ND		ND	UJ
Chloroform	7	7	ND		ND		ND		ND	UJ	ND		ND		ND		ND		ND		0.73	J	0.71	J	ND	J
Chloromethane	NA	NA	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
cis-1,2-Dichloroethene	5	5	ND		1.5	J	ND	J	ND		ND		ND		ND		ND		ND		64		65		4.2	
cis-1,3-Dichloropropene	0.4	0.4	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Cyclohexane	NA	NA	ND		ND	UJ	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibromochloromethane	50	50	ND		ND	UJ	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dichlorodifluoromethane	5	5	ND		ND		ND	UJ	ND		ND		ND		ND		ND		ND		ND		ND		ND	UJ
Ethylbenzene	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Freon-113	5	5	ND		ND	UJ	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Isopropylbenzene	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Methyl Acetate	NA	NA	ND		ND	UJ	ND		ND		ND		ND		ND		ND		ND		ND	UJ	ND		ND	
Methyl cyclohexane	NA	NA	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Methyl tert butyl ether	10	10	ND		ND		ND		ND		ND	UJ	ND		ND	UJ	ND		ND		ND		ND		ND	
Methylene chloride	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
n-Butylbenzene	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
n-Propylbenzene	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	10	10	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
o-Xylene	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
p-Isopropyltoluene	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
p/m-Xylene	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
sec-Butylbenzene	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Styrene	5	930	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
tert-Butylbenzene	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Tetrachloroethene	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Toluene	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
trans-1,2-Dichloroethene	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
trans-1,3-Dichloropropene	0.4	0.4	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Trichloroethene	5	5	15		14		10		8.7		8		ND		ND		4		4.4		17		17		5.7	
Trichlorofluoromethane	5	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vinyl chloride	2	2	ND		ND	UJ	ND		ND		ND	UJ	ND		ND		ND		2		2		2		2	
TOTAL			15		15.5		10		8.7		18.1		0		0		4		6.1		83.73		82.73		9.9	

TABLE 1
2022 PRE AND POST TREATMENT
GROUNDWATER ANALYTICAL RESULTS

FORMER DOWCRAFT FACILITY
TOWN OF FALCONER, NEW YORK



SAMPLE ID:		DUP-083023	PW-1-20240827	DUP-20240827	PW-1-20250813	PW-2-20250813	PW-3R-102621	PW-3R-081822	PW-3R-083123	PW-3R-20240827	PW-3R-20250813
COLLECTION DATE:		45168	8/27/2024	8/27/2024	8/13/2025	8/13/2025	10/26/2021	8/18/2022	8/31/2023	8/27/2024	8/13/2025
SAMPLE MATRIX:		WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
NY-AWQS (ug/l)		NY-TOGS-GA (ug/l)		Result	Flg	Result	Flg	Result	Flg	Result	Flg
VOCs											
1,1,1-Trichloroethane	5	5	ND		ND		ND		ND		ND
1,1,2,2-Tetrachloroethane	5	5	ND		ND		ND		ND		ND
1,1,2-Trichloroethane	1	1	ND	UJ	ND	UJ	ND		ND		ND
1,1-Dichloroethene	5	5	ND		ND		ND	0.28 J	5.1 J	0.8 J	ND J
1,2,3-Trichlorobenzene	5	5	ND		ND		ND		ND		ND
1,2,4-Trimethylbenzene	5	5	ND		ND		ND		ND		ND
1,2-Dibromo-3-chloropropane	0.04	0.04	ND	UJ	ND	UJ	ND		ND	UJ	ND
1,2-Dibromoethane	0.0006	0.0006	ND		ND		ND		ND		ND
1,2-Dichlorobenzene	3	3	ND		ND		ND		ND		ND
1,2-Dichloroethane	0.6	0.6	ND		ND		ND		ND		ND
1,2-Dichloropropane	1	1	ND		ND		ND		0.15 J	ND J	ND
1,3,5-Trimethylbenzene	5	5	ND		ND		ND		ND		ND
1,3-Dichlorobenzene	3	3	ND		ND		ND		ND		ND
1,4-Dichlorobenzene	3	3	ND		ND		ND		ND		ND
2-Butanone	50	50	ND	UJ	ND	UJ	ND	UJ	ND	UJ	ND
2-Hexanone	50	50	ND		ND		ND	UJ	ND	UJ	ND
4-Methyl-2-pentanone	NA	NA	ND		ND		ND	UJ	ND	UJ	ND
Acetone	50	50	1.5 J		ND		1.5	12 UJ	6.5 UJ	41 J	4.2 UJ
Benzene	1	1	ND		ND		ND		ND		ND
Bromodichloromethane	50	50	ND		ND		ND		ND		ND
Bromoform	50	50	ND		ND		ND		ND		ND
Bromomethane	5	5	ND	UJ	ND	UJ	ND		ND	UJ	ND
Carbon disulfide	60	60	ND		ND		ND		ND	UJ	ND
Carbon tetrachloride	5	5	ND		ND		ND		ND		ND
Chlorobenzene	5	5	ND		ND		ND		ND		ND
Chloroethane	5	5	ND		ND		ND		ND	UJ	ND
Chloroform	7	7	ND		ND		ND		ND		ND
Chloromethane	NA	NA	ND		ND		ND		ND		ND
cis-1,2-Dichloroethene	5	5	4.4	0.92 J	0.93 J	1.5 J	13	2400	2.6	960	16
cis-1,3-Dichloropropene	0.4	0.4	ND		ND		ND		ND		ND
Cyclohexane	NA	NA	ND		ND		ND		ND	UJ	0.76 NJ
Dibromochloromethane	50	50	ND		ND		ND		ND		ND
Dichlorodifluoromethane	5	5	ND		ND		ND		ND	UJ	ND
Ethylbenzene	5	5	ND		ND		ND		ND		ND
Freon-113	5	5	ND		ND		ND		ND	UJ	ND
Isopropylbenzene	5	5	ND		ND		ND		ND		ND
Methyl Acetate	NA	NA	ND		ND		ND		ND	UJ	ND
Methyl cyclohexane	NA	NA	ND		ND		ND		ND		ND
Methyl tert butyl ether	10	10	ND		ND	UJ	ND	UJ	ND		ND
Methylene chloride	5	5	ND		ND		ND		ND		ND
n-Butylbenzene	5	5	ND		ND		ND		ND		ND
n-Propylbenzene	5	5	ND		ND		ND		ND		ND
Naphthalene	10	10	ND		ND		ND		ND		ND
o-Xylene	5	5	ND		ND		ND		ND		ND
p-Isopropyltoluene	5	5	ND		ND		ND		ND		ND
p/m-Xylene	5	5	ND		ND		ND		0.87 J	ND J	ND
sec-Butylbenzene	5	5	ND		ND		ND		ND		ND
Styrene	5	930	ND		ND		ND		ND		ND
tert-Butylbenzene	5	5	ND		ND		ND		ND		ND
Tetrachloroethene	5	5	ND		ND		ND		ND		ND
Toluene	5	5	ND		ND		ND		2.7		1 J
trans-1,2-Dichloroethene	5	5	ND		ND		ND	21 J	ND		ND
trans-1,3-Dichloropropene	0.4	0.4	ND		ND		ND		ND		ND
Trichloroethene	5	5	5.8	3	3	1.8	1.1	3000	ND		0.53
Trichlorofluoromethane	5	5	ND		ND		ND		ND		ND
Vinyl chloride	2	2	ND		ND		ND	12	2200	13 J	960 J
TOTAL			11.7	3.92	3.93	3.3	26.38	7667.1	24.32	1938	513.45
											1280

TABLE 2
2025 DISSOLVED GASSES
GROUNDWATER ANALYTICAL RESULTS

FORMER DOWCRAFT FACILITY
TOWN OF FALCONER, NEW YORK



SAMPLE ID	ESI-1				ESI-2				ESI-3D				ESI-3				ESI-6				ESI-7				ESI-10				MW-100	
	ESI-1-20240827		ESI-1-20230906		ESI-2-20240827		ESI-2-20230906		ESI-3D-20230913		ESI-3-20240828		ESI-3-20230913		ESI-6-20240827		ESI-6-20230906		ESI-7-20240828		ESI-7-20230906		ESI-10-20240828		ESI-10-20230913		MW-100-20230913			
	9/27/2024		9/2/2025		9/27/2024		9/2/2025		9/13/2025		9/29/2024		8/13/2025		9/27/2024		9/30/2025		9/29/2024		9/2/2025		9/29/2024		9/13/2025		9/13/2025			
SAMPLE MATRIX:	WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER			
ANALYTE	log ₁₀		Result		RI		Result		RI		Result		Eq		Result		Eq		Result		Eq		Result		Eq		Result		Eq	
VOLATILE ORGANICS BY GC/MS																														
Methane	30	ND	ND	ND	270	407		292	TS	ND	ND	TS	310		47.7	ND	ND	ND	ND	ND	TS	124	TS							
Ethane	ND	ND	ND	ND	3.84	J	ND	TS	ND	ND	TS	ND		ND	ND	ND	ND	ND	ND	ND	TS	ND	TS							
Ethene	ND	ND	ND	ND	ND	ND	TS	ND	TS	ND	ND	TS	ND		ND	ND	ND	ND	ND	ND	TS	ND	TS							
Acetylene								ND	TS	ND	ND	TS									ND	TS	ND	TS						

TABLE 2
2025 DISSOLVED GASES
GROUNDWATER ANALYTICAL RESULTS

FORMER DOWCRAFT FACILITY
TOWN OF FALCONER, NEW YORK

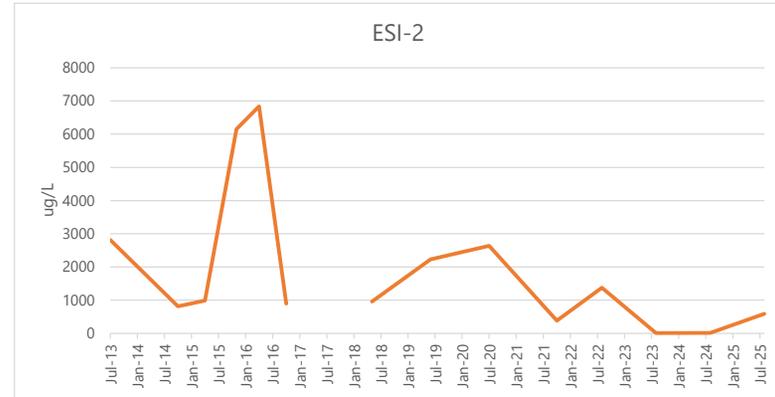
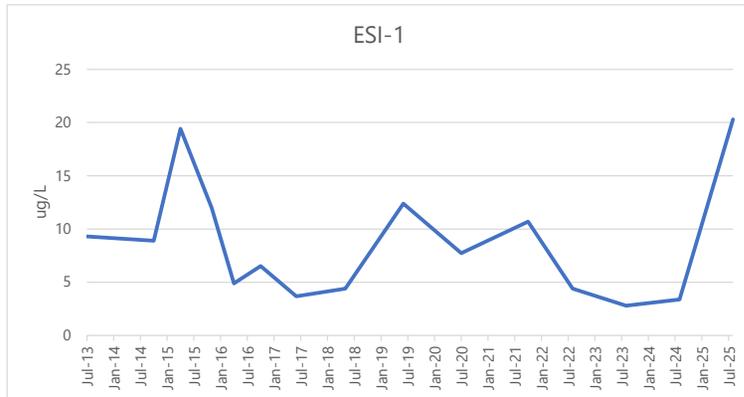
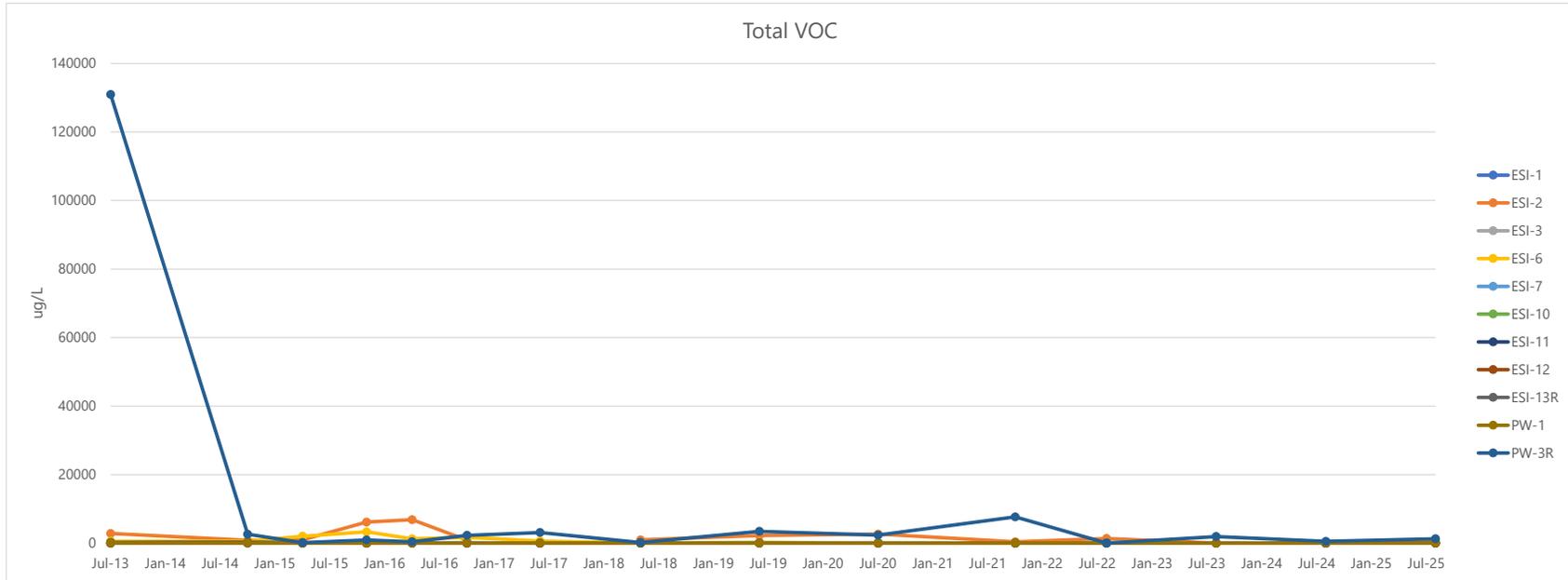


SAMPLE ID	ESI-11				ESI-12				ESI-13R				MW-15D		PW-1				PW-2		PW-3R				THW #6-Non-2025		DUP-24-2025B13		
	ESI-11-2024R28		ESI-11-2025B13		ESI-12-2024R28		ESI-12-2025B13		ESI-13R-2024R28		ESI-13R-2025B86		MW-15D-2025B13		PW-1-2024R27		PW-1-2025B13		PW-2-2025B13		PW-3R-2024R27		PW-3R-2025B13		THW #6-Non-2025		DUP-24-2025B13		
	8/28/2024		8/13/2025		8/28/2024		8/13/2025		8/28/2024		8/6/2025		8/13/2025		8/27/2024		8/13/2025		8/27/2024		8/13/2025		8/27/2024		8/13/2025		8/13/2025		
SAMPLE MATRIX:	WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		
ANALYTE	log(I)		Fg		Fg		Fg		Fg		Fg		Fg		Fg		Fg		Fg		Fg		Fg		Fg		Fg		
VOLATILE ORGANICS BY GC/MS																													
Methane	241		NA.6	TS	201		92.9	TS	ND		ND		ND	TS	ND		ND	TS	496	TS	10000		6220	TS	ND		ND	TS	
Ethane	ND		ND	TS	ND		ND	TS	ND		ND		ND	TS	ND		ND	TS	7.84	J	TS	200		95.8	TS	ND		ND	TS
Ethene	ND		ND	TS	ND		ND	TS	ND		ND		ND	TS	ND		ND	TS	ND	TS	820		307	TS	ND		ND	TS	
Acetylene	ND		ND	TS	ND		ND	TS	ND		ND		ND	TS	ND		ND	TS	ND	TS	ND		ND	TS	ND		ND	TS	

GRAPHS

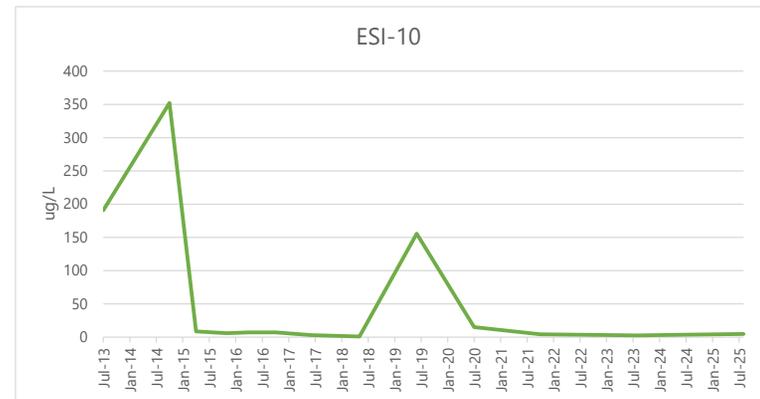
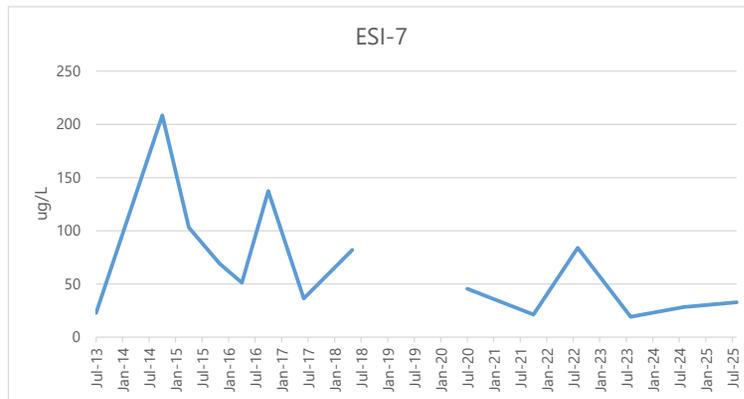
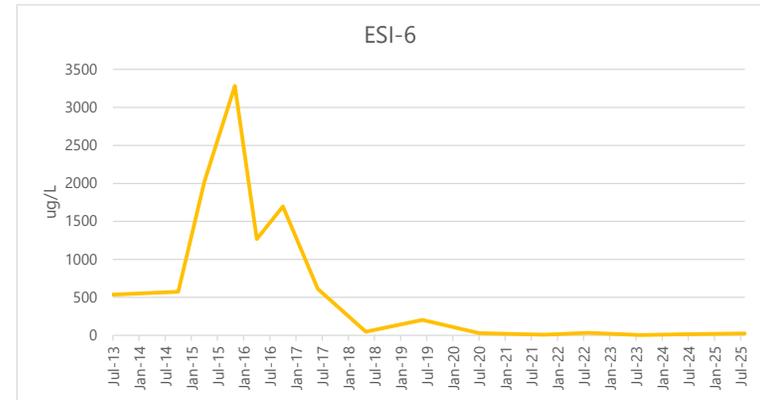
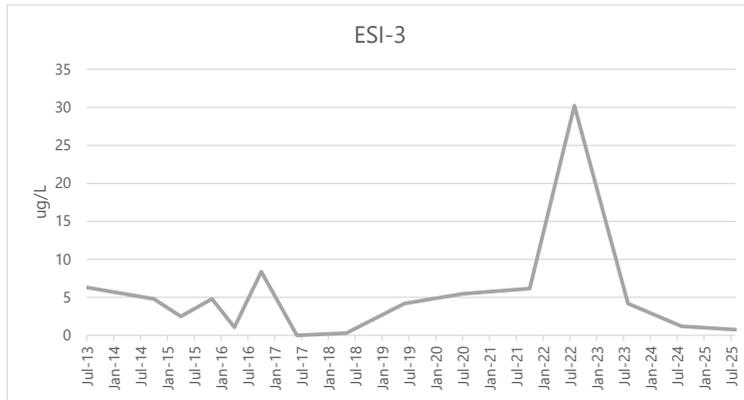
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TOTAL VOC CONCENTRATIONS JULY 2013 TO PRESENT

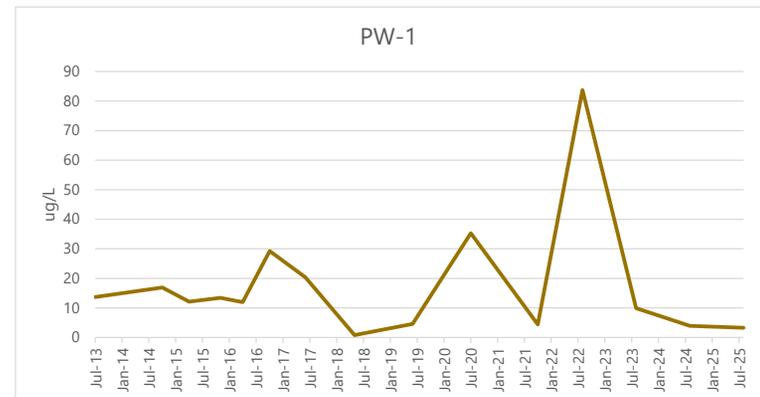
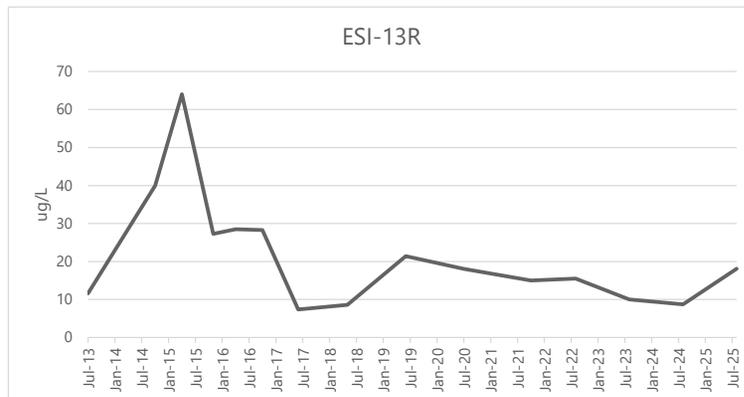
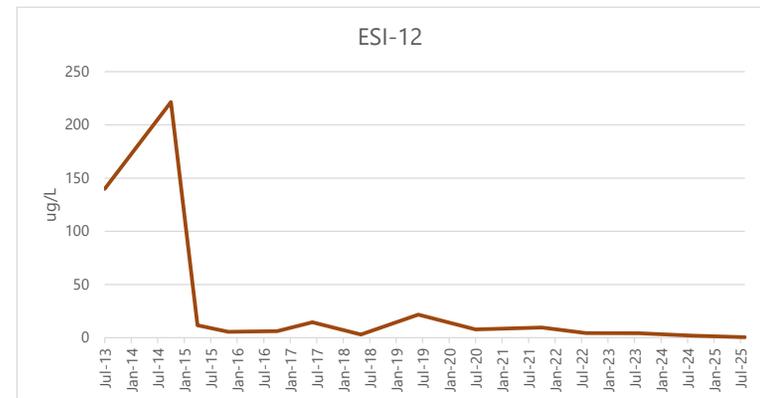
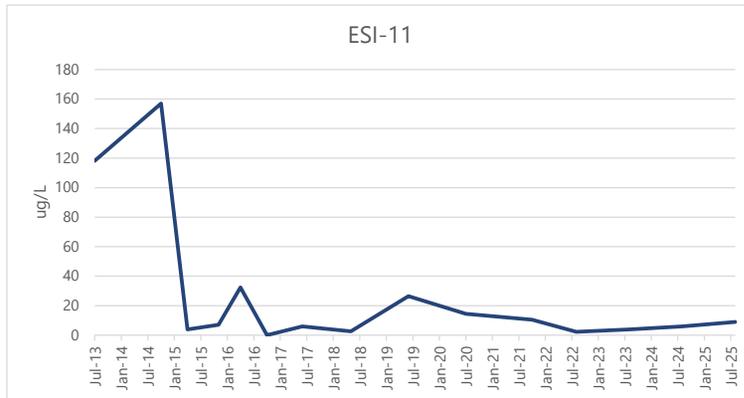
FORMER DOWCRAFT FACILITY
TOWN OF FALCONER, NEW YORK



GRAPH 1
TOTAL VOC CONCENTRATIONS JULY 2013 TO PRESENT

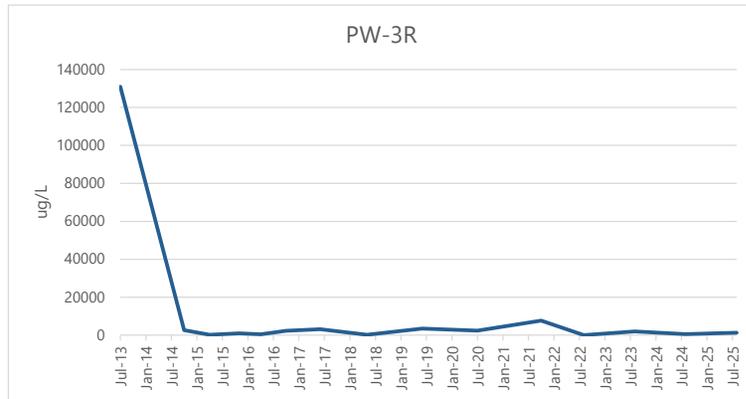
FORMER DOWCRAFT FACILITY
TOWN OF FALCONER, NEW YORK





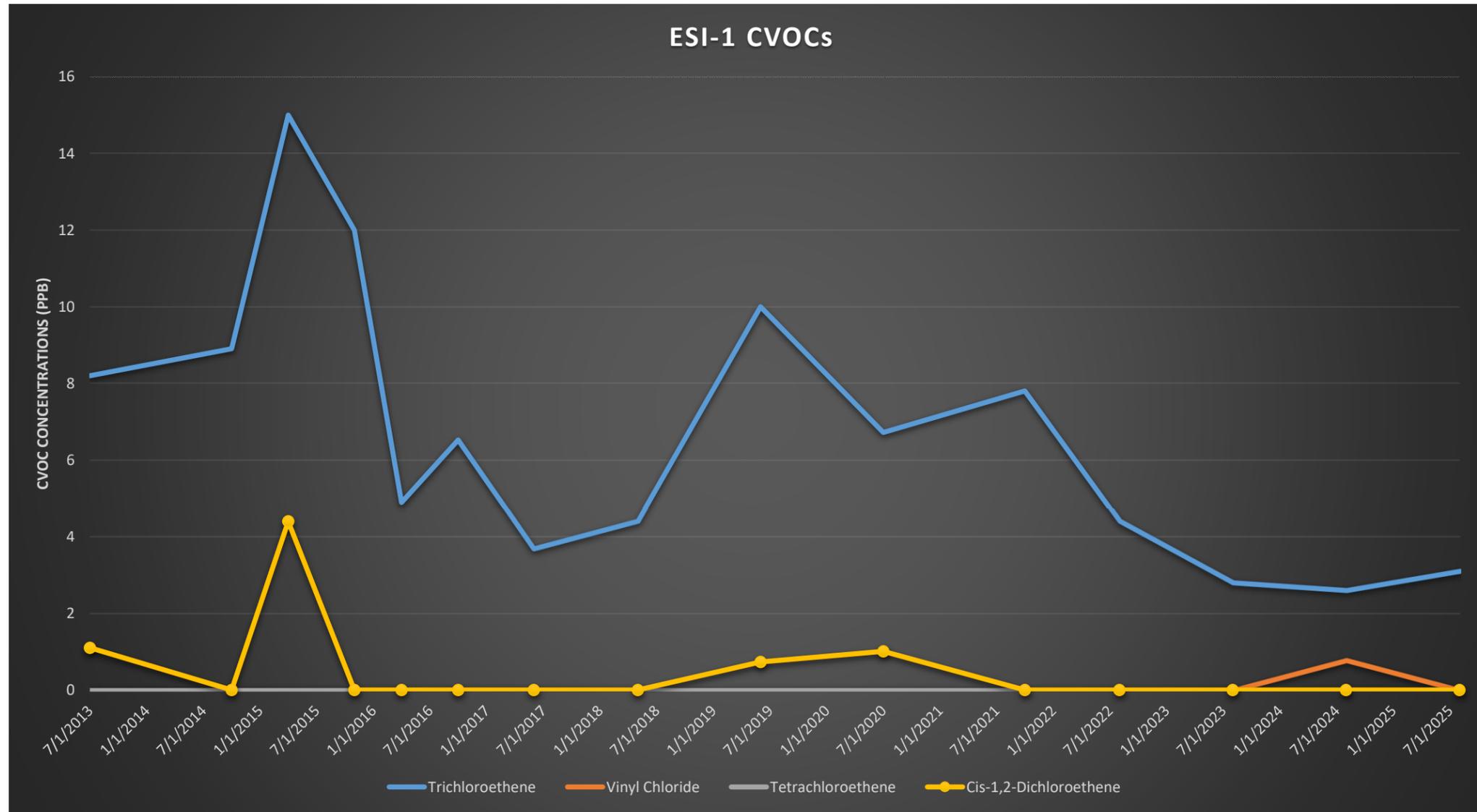
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TOTAL VOC CONCENTRATIONS JULY 2013 TO PRESENT

FORMER DOWCRAFT FACILITY
TOWN OF FALCONER, NEW YORK



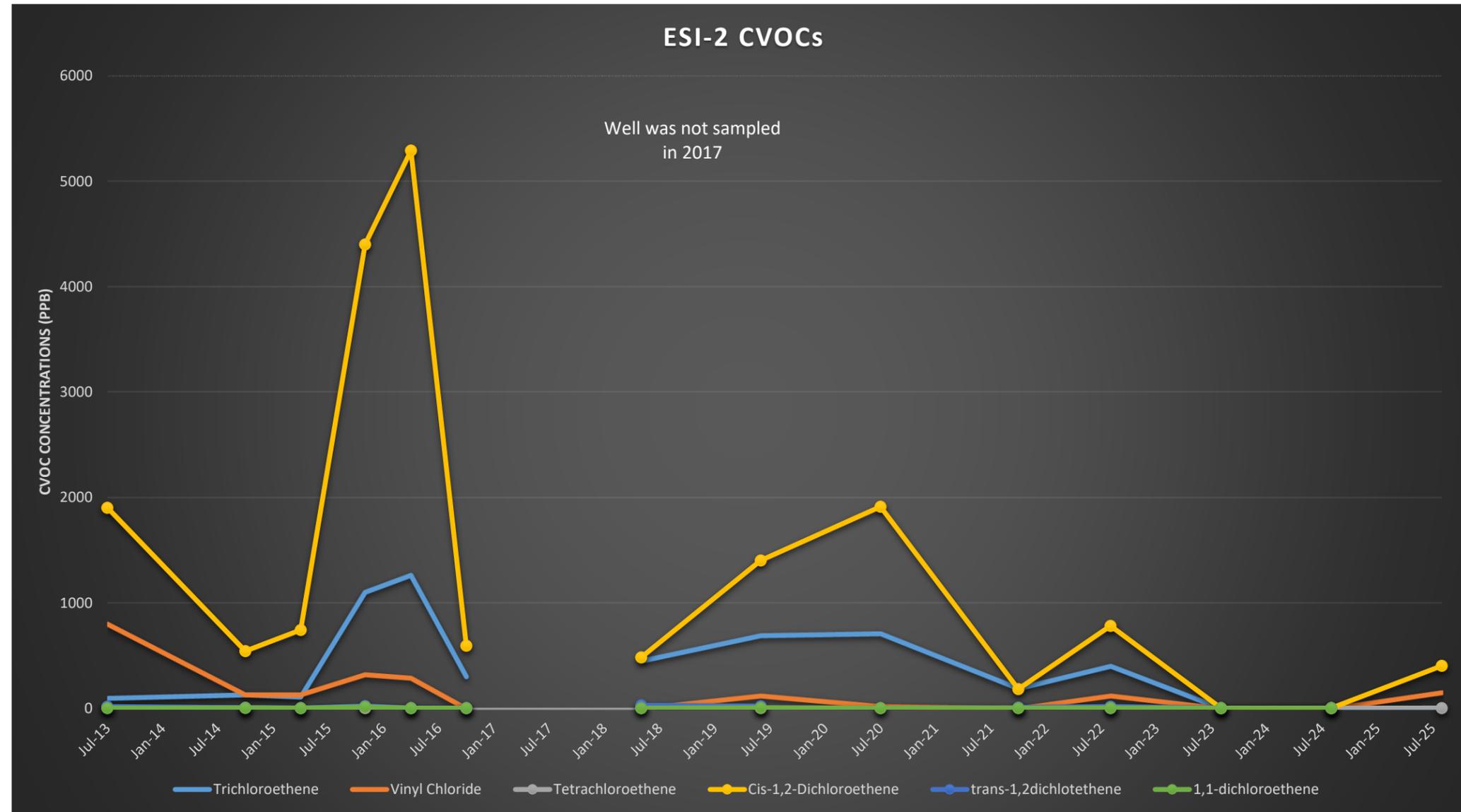
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FORMER DOWCRAFT FACILITY
TOWN OF FALCONER, NEW YORK



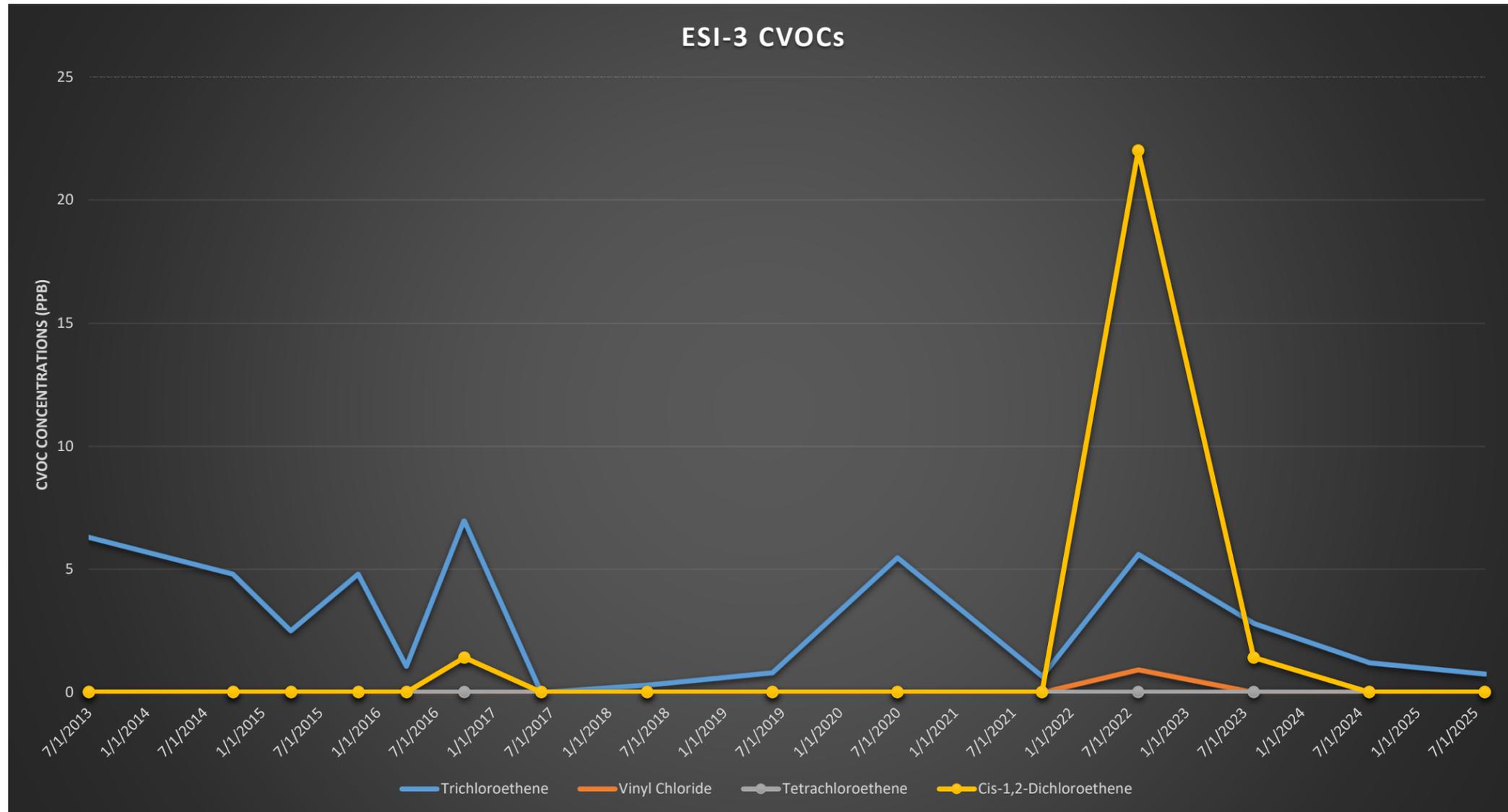
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FORMER DOWCRAFT FACILITY
TOWN OF FALCONER, NEW YORK



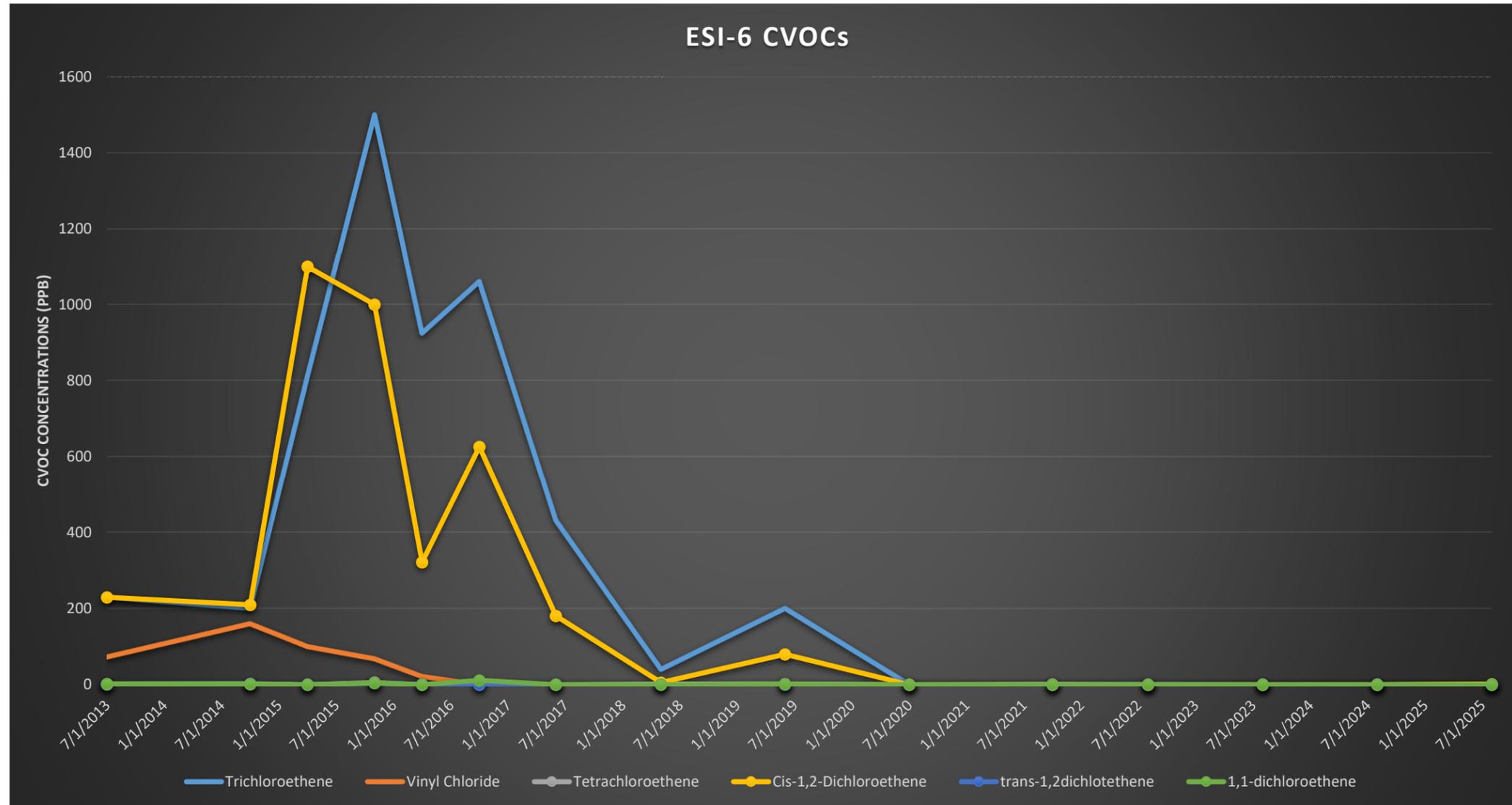
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TOWN OF FALCONER, NEW YORK



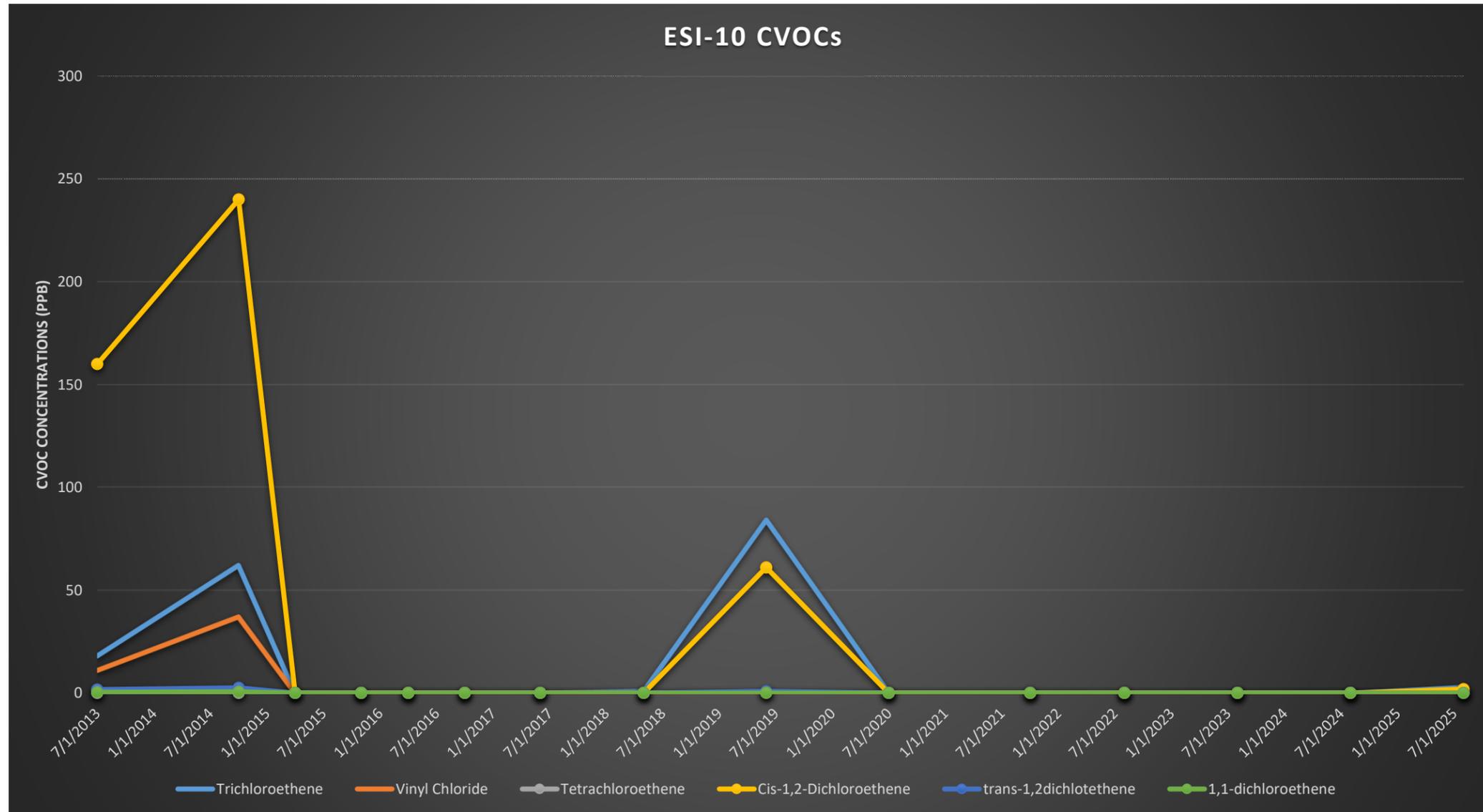
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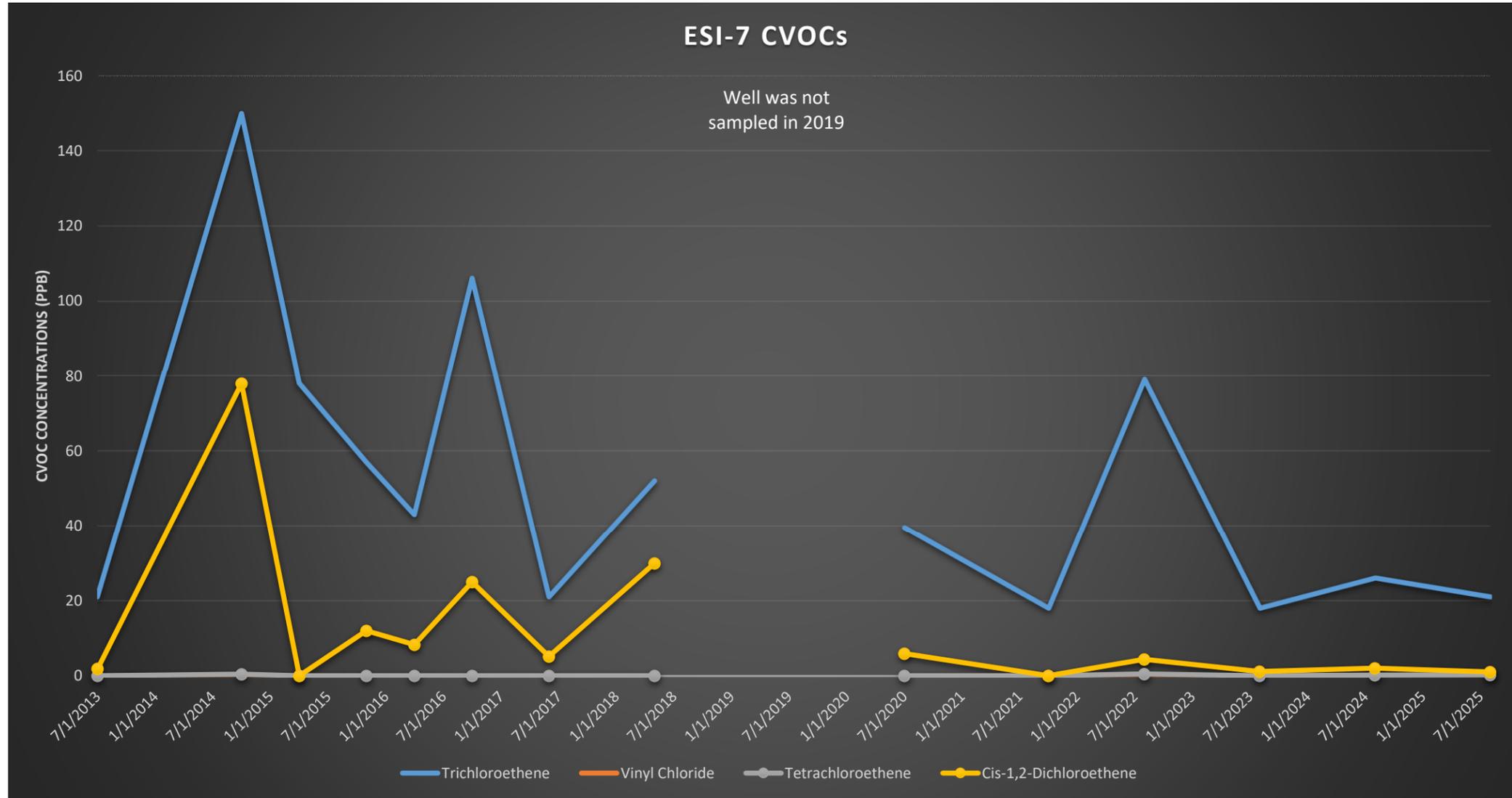
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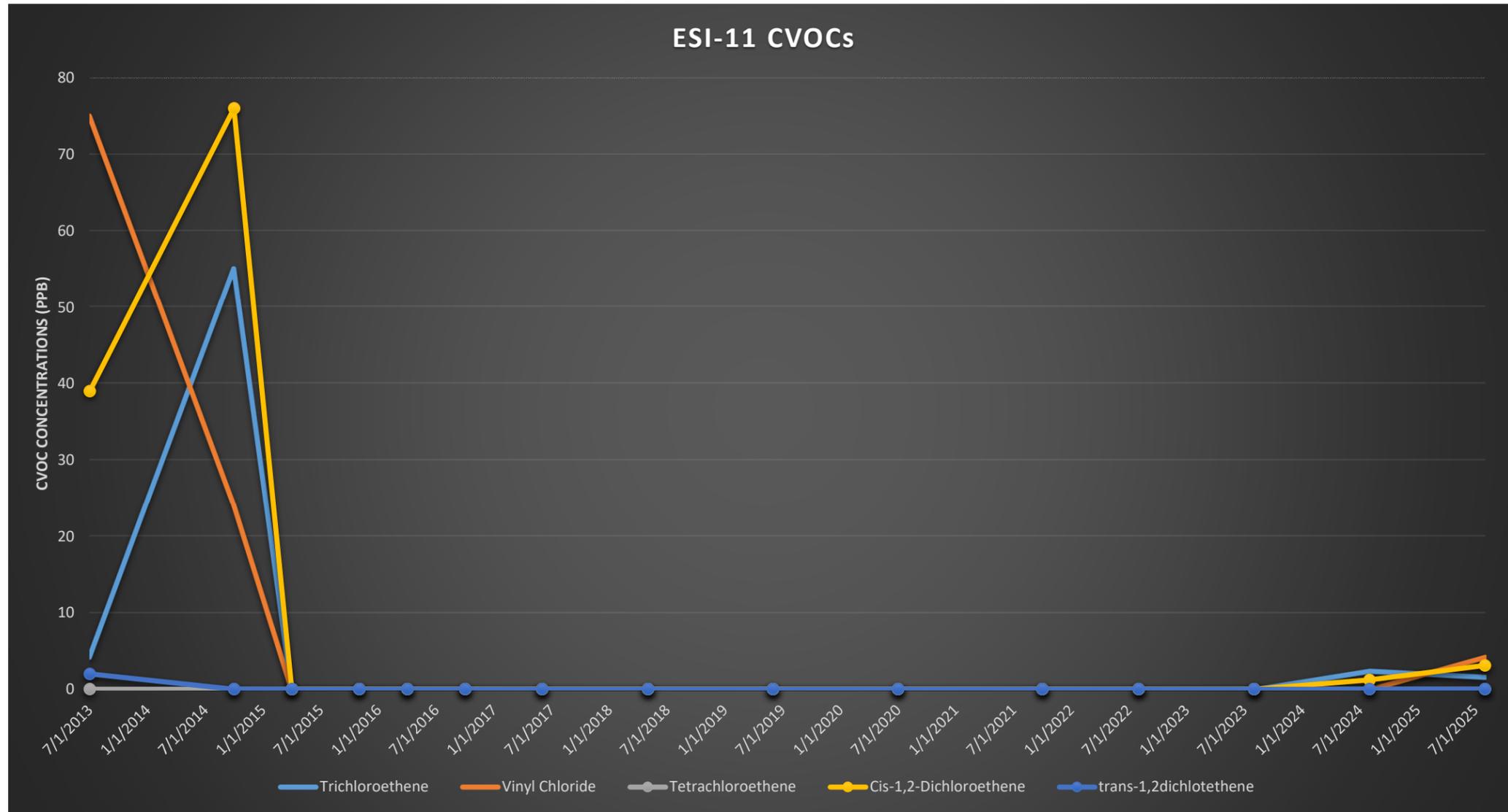
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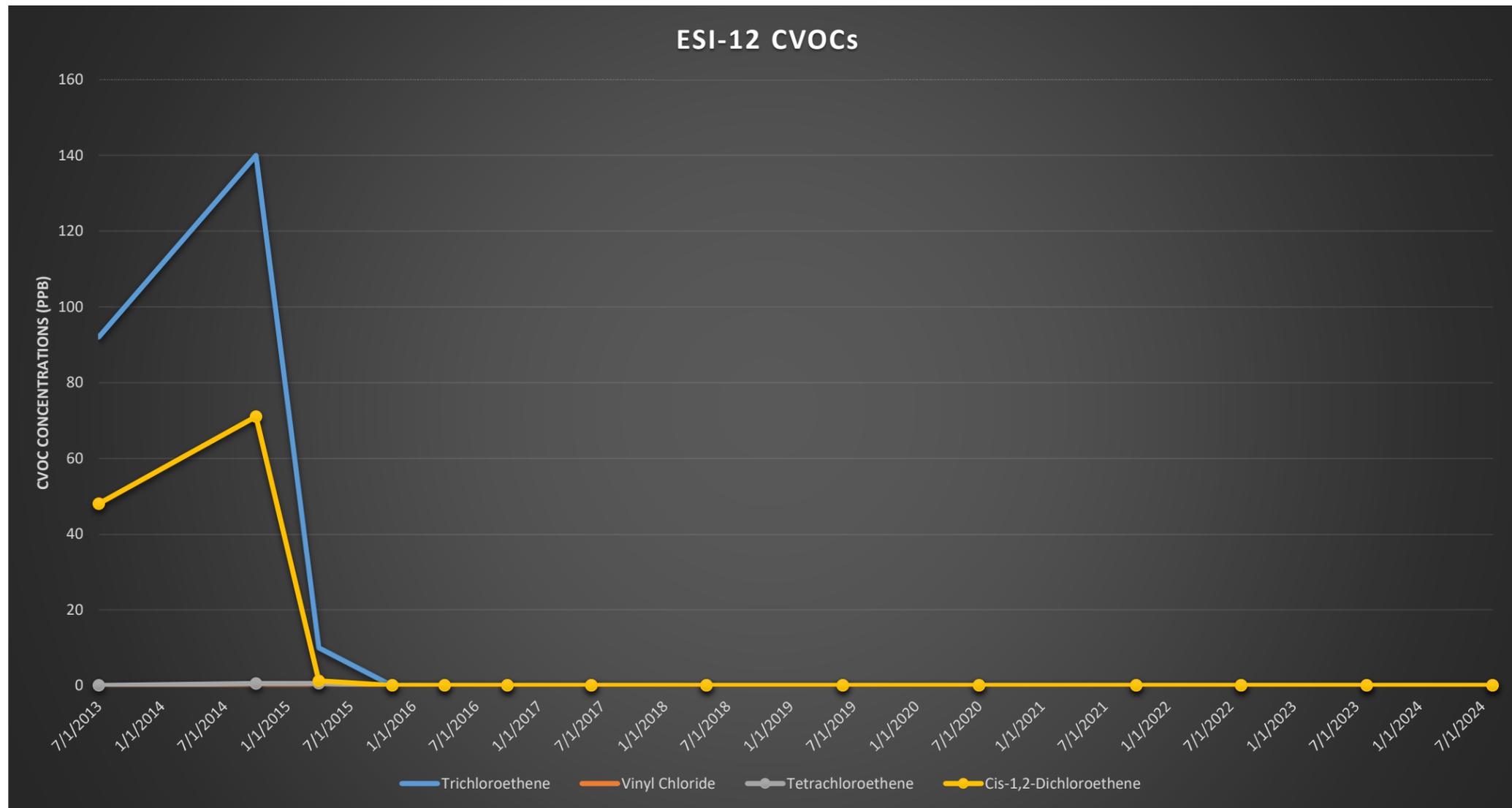
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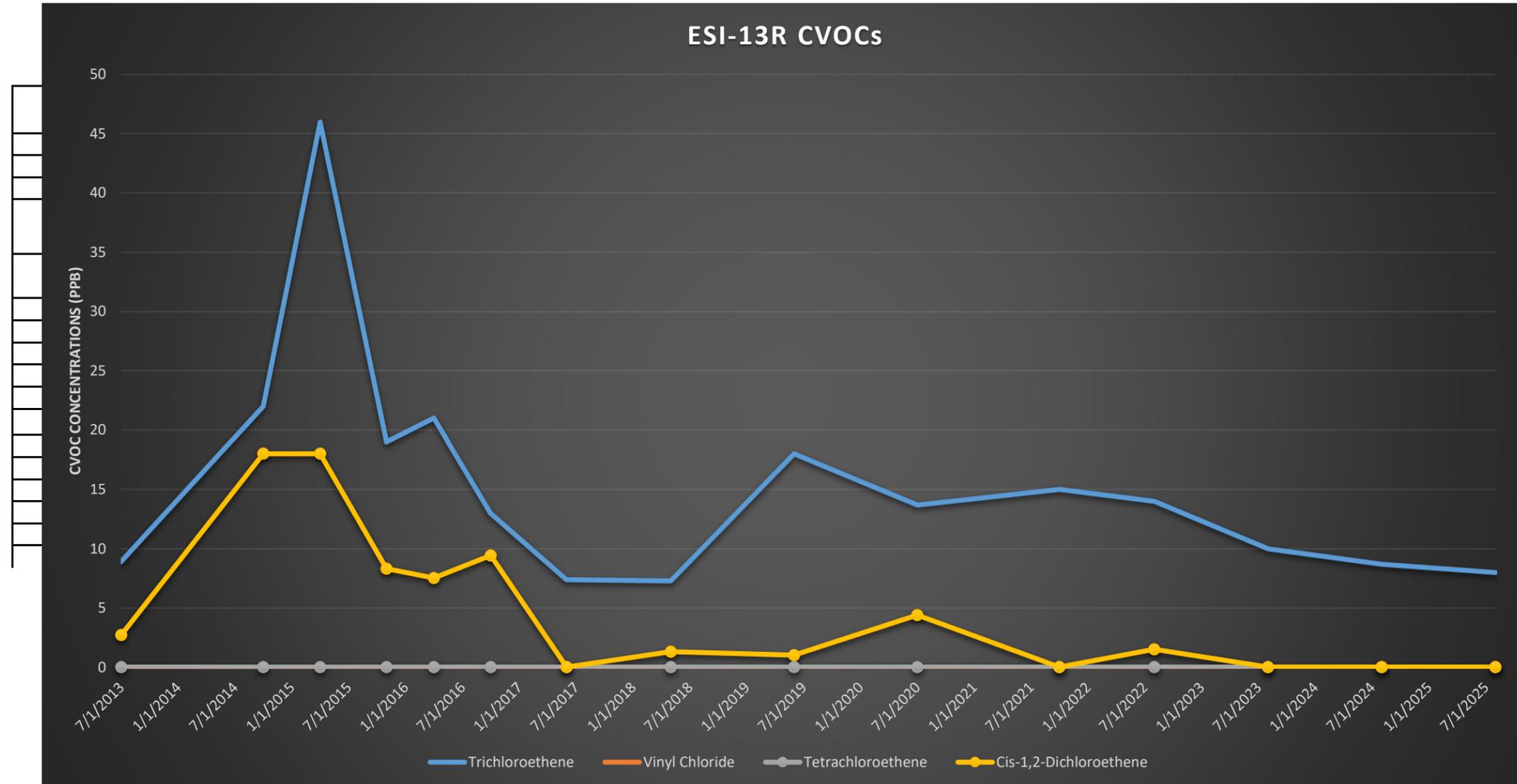
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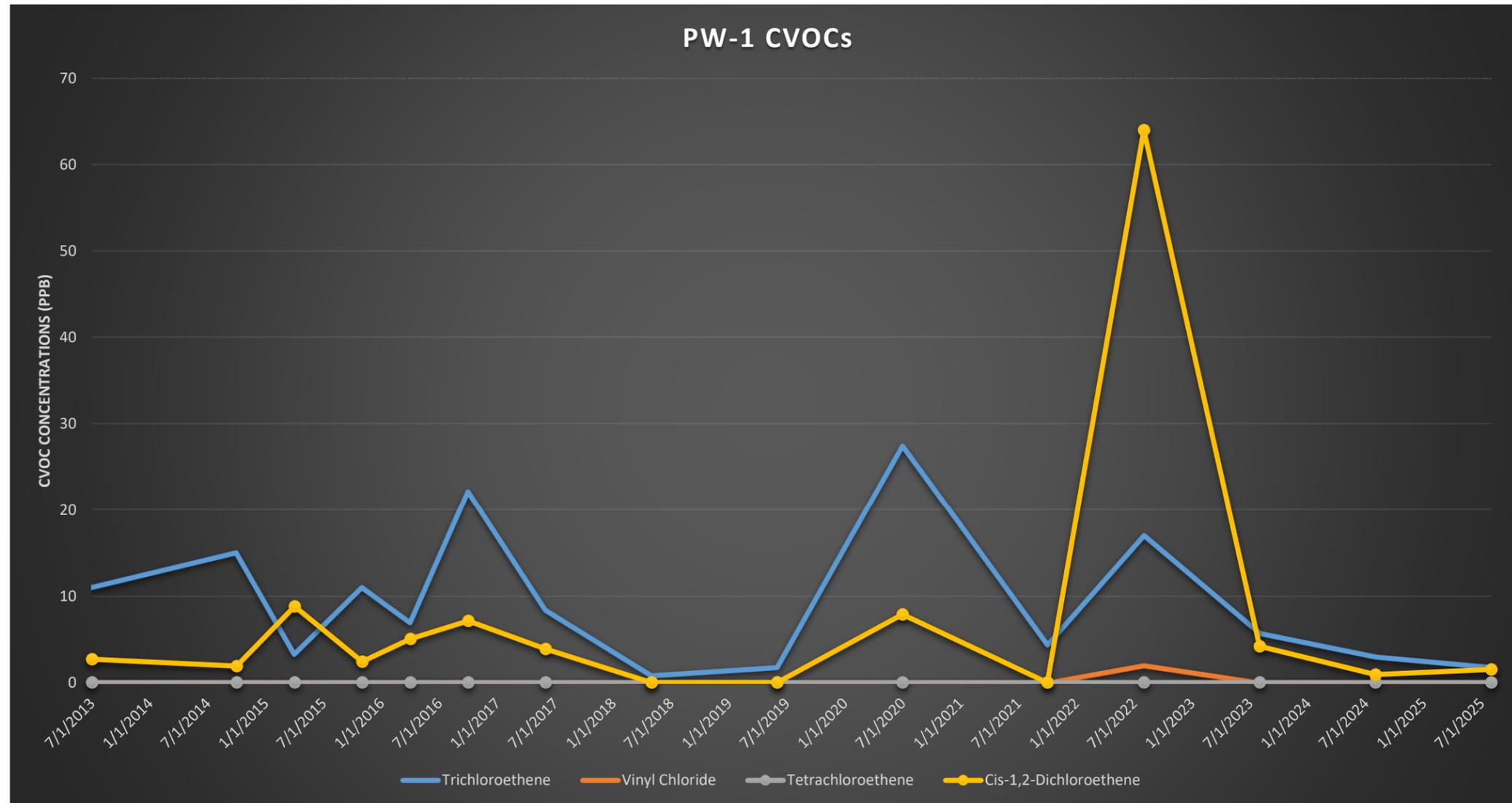
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TOWN OF FALCONER, NEW YORK



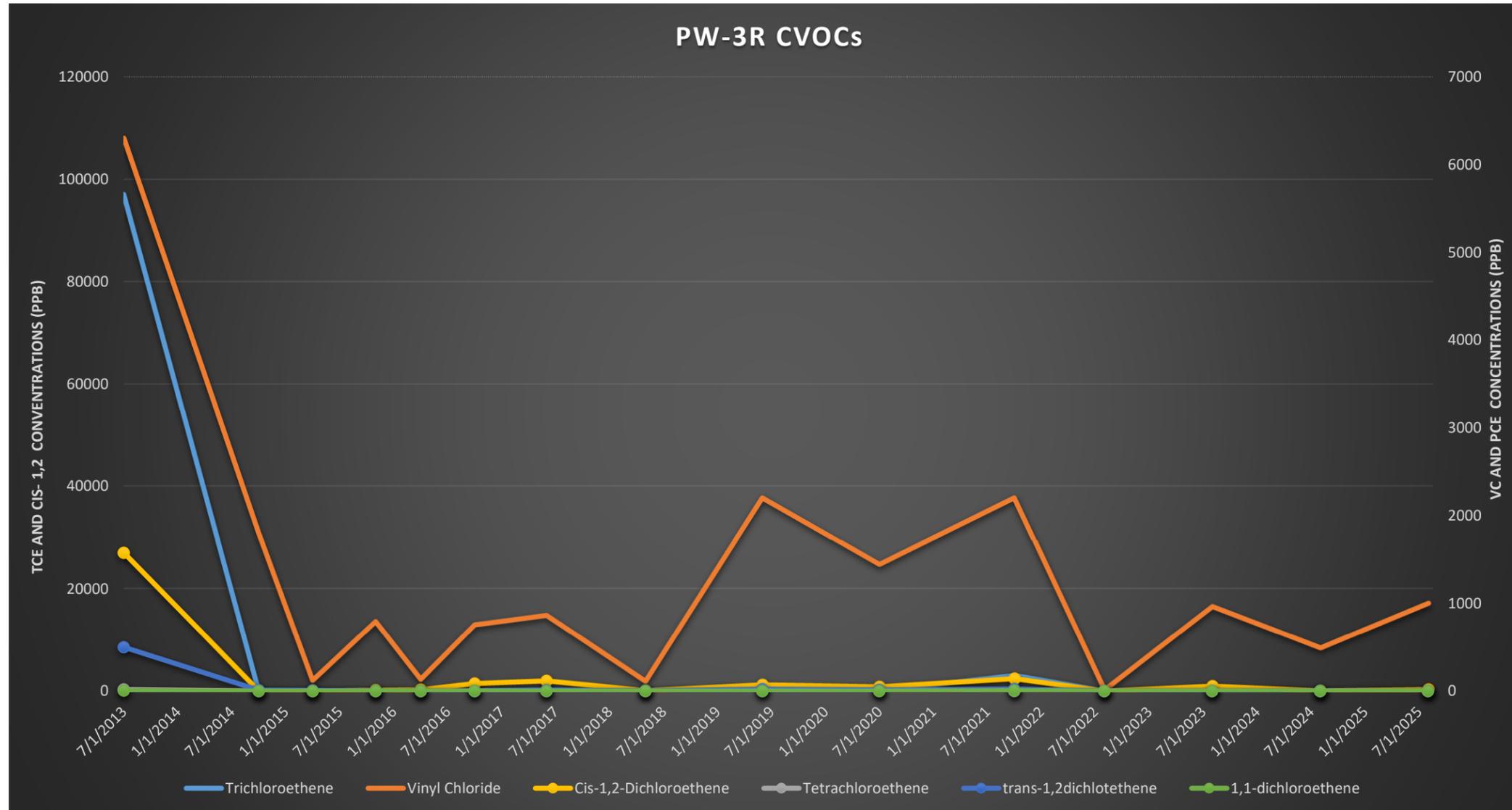
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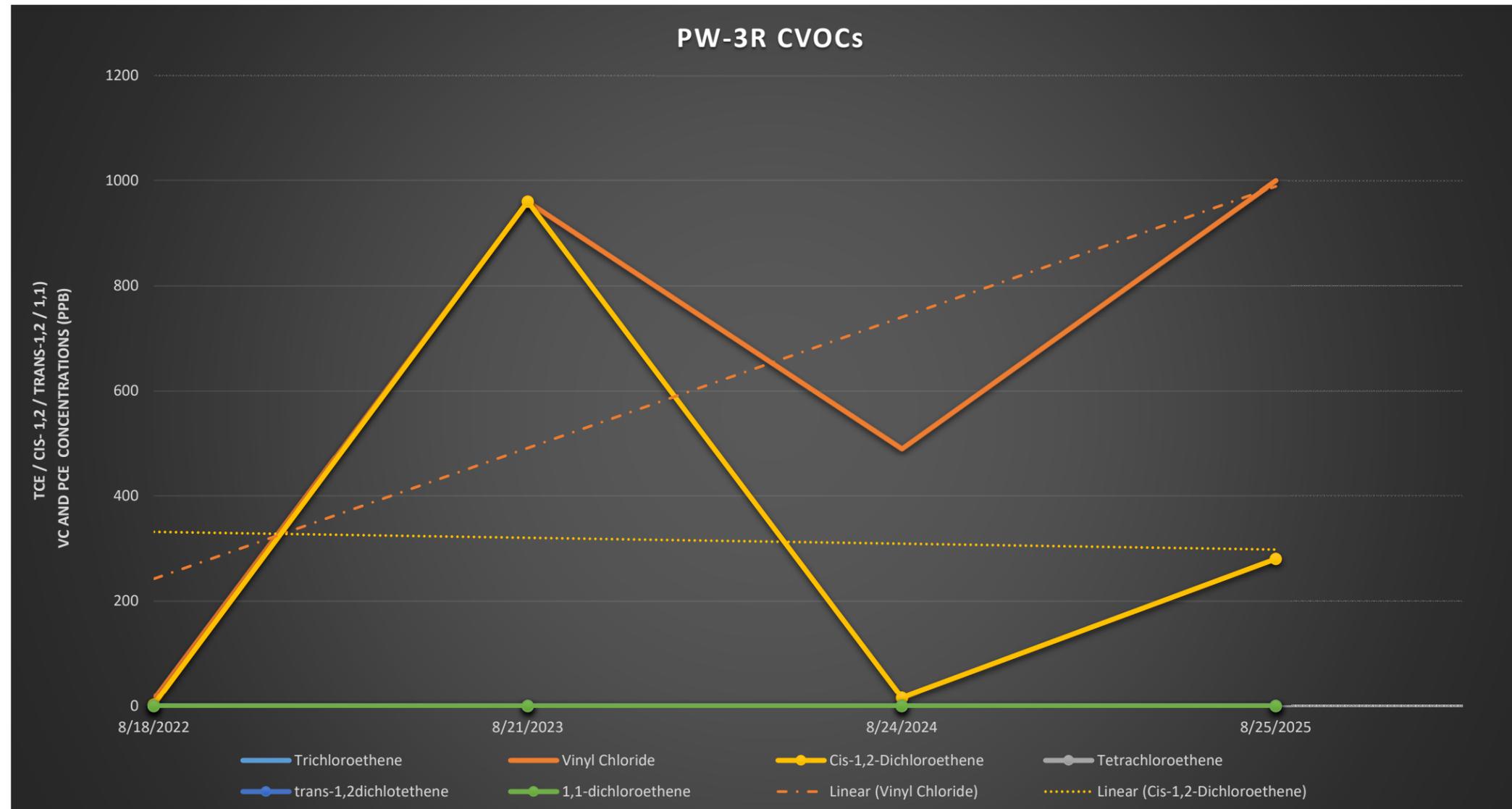
GRAPH 2
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FORMER DOWCRAFT FACILITY
TOWN OF FALCONER, NEW YORK



GRAPH 2
CVOC CONCENTRATIONS JULY 2013 TO PRESENT

FORMER DOWCRAFT FACILITY
TOWN OF FALCONER, NEW YORK



APPENDICES

APPENDIX A
LABORATORY ANALYTICAL RESULTS

GROUNDWATER MONITORING WELL DATA

AUGUST 2025

<i>Monitoring Well</i>	Depth to Water	Depth to Bottom	Casing Elevation	Groundwater Elevation
PW-1	10.80	19.90	1264.60	1253.80
PW-3R	10.55	36.80	1265.04	1254.49
ESI-1	10.90	14.83	1264.17	1253.27
ESI-2	10.40	13.80	1264.6	1254.20
ESI-3	10.65	14.25	1264.89	1254.24
ESI-6	10.90	13.75	1264.66	1253.76
ESI-7	10.80	13.95	1264.93	1254.13
ESI-10	10.60	15.90	1265.08	1254.48
ESI-11	11.20	15.60	1265.09	1253.89
ESI-12	11.20	15.10	1264.95	1253.75
ESI-13R	10.00	15.10	1263.31	1253.31
ESI-2D	10.10	40.00	1264.53	1254.43
PW-2	10.65	25.00	1264.70	1254.05
MW-10D	11.20	40.00	1265.17	1253.97
MW-15D	9.80	43.50	1265.31	1255.51



C&S Engineers, Inc.
 499 Col Eileen Collins Blvd
 Syracuse, NY 13212
 Phone: 315-455-2000
 Fax: 315-455-9667

Well Sampling Field Data Sheet

Well Casing Unit Volume		
(gal/l.f.)		
1 1/4" = 0.08	2" = 0.17	3" = 0.38
4" = 0.66	6" = 1.5	8" = 2.6

Client Name: Jamestown Container Company
Site Name: Former Dowcraft Site
Project No.: N30
Field Staff: BW

WELL DATA

Date	6-Aug
Time	1115
Water meter utilized and date last calibrated	tape down
Well Number	Esi 1
PID Reading (ppm)	0.0
Diameter (inches)	2.0
Total Sounded Depth (feet)	14.83
Static Water Level (feet)	10.90
H ₂ O Column (feet)	3.97
Pump Intake (feet)	13.00
Well Volume (gallons)	2.55
Amount to Evacuate (gallons)	
Amount Evacuated (gallons)	

SAMPLE DATA

Sample Date	8/6/2025
Sample Time	1145
Sampler Initials	BW
Sample I.D.	ESI-1-20250806
Dupe Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
MS Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
MSD Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
Trip Blank Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
EQ Blank Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
Comments	

FIELD READINGS

Date	Stabilization Criteria	8/6/2025							
Time		1115	1120	1125	1130	1135	1140	1145	
Volume Extracted	gallons	0	0.3	0.6	0.9	1.2	1.5	1.8	
Static Water Level (feet)	NA	10.9		10.9		10.9		10.9	
pH (Std. Units)	+/-0.1	8.4	8	7.6	7.2	7.06	7.11	7.09	
Conductivity (mS/cm)	3%	0.306	0.38	0.505	0.598	0.607	0.738	0.859	
Turbidity (NTU)	10%	120	90.4	60.2	41.9	35.4	29.4	25.3	
D.O. (mg/L)	10%	5.91	5.95	6.01	6.02	5.6	5.28	4.99	
Temperature (°C) (°F)	3%	26.8	27.03	27.4	27.53	27.54	27.61	27.53	
ORP ³ (mV)	+/-10 mv	501	504	506	509	512	514	516	
Appearance		C	c	c	C	C	C	C	
Free Product (Yes/No)		N	n	n	N	N	N	N	
Odor		N	n	n	N	N	N	N	

Date	Stabilization Criteria								
Time	Criteria								
Volume Extracted	gallons								
Static Water Level (feet)	NA								
pH (Std. Units)	+/-0.1								
Conductivity (mS/cm)	3%								
Turbidity (NTU)	10%								
D.O. (mg/L)	10%								
Temperature (°C) (°F)	3%								
ORP ³ (mV)	+/-10 mv								
Appearance									
Free Product (Yes/No)									
Odor									

C = Clear T = Turbid ST = Semi Turbid VT = Very Turbid

Comments- D.O is elevated at this well, similar to 2024 sampling numbers. Water temperatures were elevated due to the air temperature and sunlight heating up the flow cell.



C&S Engineers, Inc.
 499 Col Eileen Collins Blvd
 Syracuse, NY 13212
 Phone: 315-455-2000
 Fax: 315-455-9667

Well Sampling Field Data Sheet

Well Casing Unit Volume		
(gal/l.f.)		
1 1/4" = 0.08	2" = 0.17	3" = 0.38
4" = 0.66	6" = 1.5	8" = 2.6

Client Name: Jamestown Container Company
Site Name: Former Dowcraft Site
Project No.: N30
Field Staff: BW

WELL DATA

Date	8/6/2025
Time	925
Water meter utilized and date last calibrated	
Well Number	Esi2
PID Reading (ppm)	0.0
Diameter (inches)	2.0
Total Sounded Depth (feet)	13.80
Static Water Level (feet)	10.40
H ₂ O Column (feet)	3.40
Pump Intake (feet)	12.00
Well Volume (gallons)	2.35
Amount to Evacuate (gallons)	
Amount Evacuated (gallons)	

SAMPLE DATA

Sample Date	6-Aug
Sample Time	955
Sampler Initials	Bw
Sample I.D.	ESI-02-20250806
Dupe Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
MS Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
MSD Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
Trip Blank Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
EQ Blank Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
Comments	

FIELD READINGS

Date	Stabilization Criteria	8/6/2025						
Time		930	935	940	945	950	955	
Volume Extracted	gallons	0	0.3	0.6	0.9	1.2	1.5	
Static Water Level (feet)	NA	10.4		10.6		10.8		
pH (Std. Units)	+/-0.1	7.06	7.21	7.11	6.99	6.76	6.65	
Conductivity (mS/cm)	3%	0.041	0.351	0.362	0.401	0.49	0.533	
Turbidity (NTU)	10%	432	263	208	122	57.7	78.4	
D.O. (mg/L)	10%	14.25	2.57	1.97	1.55	1.31	1.16	
Temperature (°C) (°F)	3%	22.12	20.43	19.6	19.33	18.87	18.85	
ORP ³ (mV)	+/-10 mv	161	139	143	143	141	146	
Appearance		Dark pink	Light pink	Clear	C	C	C	
Free Product (Yes/No)		No	No	N	N	N	N	
Odor		No	No	N	N	N	N	

Date	Stabilization Criteria							
Time	Criteria							
Volume Extracted	gallons							
Static Water Level (feet)	NA							
pH (Std. Units)	+/-0.1							
Conductivity (mS/cm)	3%							
Turbidity (NTU)	10%							
D.O. (mg/L)	10%							
Temperature (°C) (°F)	3%							
ORP ³ (mV)	+/-10 mv							
Appearance								
Free Product (Yes/No)								
Odor								

C = Clear T = Turbid ST = Semi Turbid VT = Very Turbid



C&S Engineers, Inc.
 499 Col Eileen Collins Blvd
 Syracuse, NY 13212
 Phone: 315-455-2000
 Fax: 315-455-9667

Well Sampling Field Data Sheet

Well Casing Unit Volume		
(gal/l.f.)		
1 1/4" = 0.08	2" = 0.17	3" = 0.38
4" = 0.66	6" = 1.5	8" = 2.6

Client Name: Jamestown Container Company
 Site Name: Former Dowcraft Site
 Project No.: N30
 Field Staff: BW

WELL DATA

Date	8/6/2025	13-Aug
Time	9:30	715
Water meter utilized and date last calibrated		
Well Number	Esi -2d	
PID Reading (ppm)		
Diameter (inches)	2.0	2
Total Sounded Depth (feet)	40.00	40
Static Water Level (feet)	10.10	10.1
H ₂ O Column (feet)	29.90	29.9
Pump Intake (feet)	30.00	30
Well Volume (gallons)	6.80	6.8
Amount to Evacuate (gallons)		
Amount Evacuated (gallons)		

SAMPLE DATA

Sample Date	8/13/2025	
Sample Time	740	
Sampler Initials	bw	
Sample I.D.	ESI-2D-20250813	
Dupe Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ID:
MS Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ID:
MSD Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ID:
Trip Blank Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ID:
EQ Blank Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ID:
Comments		

FIELD READINGS

Date	Stabilization Criteria	720	725	730	735	740	1.5		
Time									
Volume Extracted	gallons	0	0.3	0.6	0.9	1.2	1.5		
Static Water Level (feet)	NA	10.1		10.5					
pH (Std. Units)	+/-0.1	6.87	6.99	7.04	7.1	7.12			
Conductivity (mS/cm)	3%	0.715	0.723	0.728	0.729	0.728			
Turbidity (NTU)	10%	9.89	10.4	10.3	10.7	10.9			
D.O. (mg/L)	10%	1.05	0.84	0.8	0.77	0.75			
Temperature (°C) (°F)	3%	17.27	17.07	16.89	16.79	16.57			
ORP ³ (mV)	+/-10 mv	-102	-140	-149	-155	-156			
Appearance		c	c	c	c	c			
Free Product (Yes/No)		n	n	n	n	n			
Odor		n	n	n	n	n			

Date	Stabilization Criteria								
Time									
Volume Extracted	gallons								
Static Water Level (feet)	NA								
pH (Std. Units)	+/-0.1								
Conductivity (mS/cm)	3%								
Turbidity (NTU)	10%								
D.O. (mg/L)	10%								
Temperature (°C) (°F)	3%								
ORP ³ (mV)	+/-10 mv								
Appearance									
Free Product (Yes/No)									
Odor									

C = Clear T = Turbid ST = Semi Turbid VT = Very Turbid

Purged 6.8 gallons on 8/6. final water depth 13.2



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 499 Col Eileen Collins Blvd
 Syracuse, NY 13212
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Well Sampling Field Data Sheet

Well Casing Unit Volume		
(gal/l.f.)		
1 1/4" = 0.08	2" = 0.17	3" = 0.38
4" = 0.66	6" = 1.5	8" = 2.6

Client Name: Jamestown Container Company
Site Name: Former Dowcraft Site
Project No.: N30
Field Staff: BW

WELL DATA

Date	8/13/2025
Time	845
Water meter utilized and date last calibrated	tapedown
Well Number	esi-3
PID Reading (ppm)	0.0
Diameter (inches)	2.0
Total Sounded Depth (feet)	14.25
Static Water Level (feet)	10.65
H ₂ O Column (feet)	4.35
Pump Intake (feet)	13.00
Well Volume (gallons)	2.42
Amount to Evacuate (gallons)	
Amount Evacuated (gallons)	

SAMPLE DATA

Sample Date	8/13/2025
Sample Time	915
Sampler Initials	BW
Sample I.D.	ESI-3-20250813
Dupe Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
MS Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
MSD Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
Trip Blank Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
EQ Blank Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
Comments	

FIELD READINGS

Date	Stabilization Criteria	8/13/2025						
Time		850	855	900	905	910	915	
Volume Extracted	gallons	0	0.3	0.6	0.9	1.2	1.5	
Static Water Level (feet)	NA	10.65						
pH (Std. Units)	+/-0.1	6.71	6.55	6.52	6.5	6.45	6.46	
Conductivity (mS/cm)	3%	1.41	1.38	1.39	1.41	1.41	1.41	
Turbidity (NTU)	10%	37.8	23.5	18.5	15.3	13	11.8	
D.O. (mg/L)	10%	3.47	3.42	3.36	3.23	3.52	3.3	
Temperature (°C) (°F)	3%	16.46	16	15.85	15.8	15.58	15.59	
ORP ³ (mV)	+/-10 mv	125	125	126	128	129	129	
Appearance		c	c	c	c	c	c	
Free Product (Yes/No)		n	n	n	n	n	n	
Odor		n	n	n	n	n	n	

Date	Stabilization Criteria							
Time	Criteria							
Volume Extracted	gallons							
Static Water Level (feet)	NA							
pH (Std. Units)	+/-0.1							
Conductivity (mS/cm)	3%							
Turbidity (NTU)	10%							
D.O. (mg/L)	10%							
Temperature (°C) (°F)	3%							
ORP ³ (mV)	+/-10 mv							
Appearance								
Free Product (Yes/No)								
Odor								

C = Clear T = Turbid ST = Semi Turbid VT = Very Turbid

Comments- D.O is elevated at this well, similar to 2024 sampling numbers.



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 499 Col Eileen Collins Blvd
 Syracuse, NY 13212
 Phone: 315-455-2000
 Fax: 315-455-9667

Well Sampling Field Data Sheet

Well Casing Unit Volume (gal/l.f.)		
1 1/4" = 0.08	2" = 0.17	3" = 0.38
4" = 0.66	6" = 1.5	8" = 2.6

Client Name: Jamestown Container Company
Site Name: Former Dowcraft Site
Project No.: N30
Field Staff: BW

WELL DATA

Date	8/6/2025
Time	1020
Water meter utilized and date last calibrated	tapedown
Well Number	Esi-6
PID Reading (ppm)	0.0
Diameter (inches)	2.0
Total Sounded Depth (feet)	13.75
Static Water Level (feet)	10.90
H ₂ O Column (feet)	2.85
Pump Intake (feet)	12.00
Well Volume (gallons)	2.34
Amount to Evacuate (gallons)	
Amount Evacuated (gallons)	

SAMPLE DATA

Sample Date	8/6/2025
Sample Time	1050
Sampler Initials	BW
Sample I.D.	20250806
Dupe Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
MS Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
MSD Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
Trip Blank Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
EQ Blank Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
Comments	

FIELD READINGS

Date	Stabilization Criteria	6-Aug						
Time		1020	1025	1030	1035	1040	1045	1050
Volume Extracted	gallons	0	0.3	0.6	0.9	1.2	1.5	
Static Water Level (feet)	NA	10.9		11.2		11.2		11.2
pH (Std. Units)	+/-0.1	6.51	6.5	7	7	7.07	7.27	7.19
Conductivity (mS/cm)	3%	0.001	0.294	1.2	1.19	1.14	1.07	0.986
Turbidity (NTU)	10%	3.46	83.1	39.5	37.9	35.1	27.3	19.1
D.O. (mg/L)	10%	9.28	4.88	1.51	1.22	1.33	1.31	1.61
Temperature (°C) (°F)	3%	25	25.12	23.13	23.72	24.84	25.26	25.62
ORP ³ (mV)	+/-10 mv	152	150	560	562	563	558	558
Appearance		Pink	Pink	Light pink	Light pink	Light pink	Light pink	Clear
Free Product (Yes/No)		N	N	N	N	N	N	N
Odor		N	N	N	N	N	N	N

Date	Stabilization Criteria							
Time								
Volume Extracted	gallons							
Static Water Level (feet)	NA							
pH (Std. Units)	+/-0.1							
Conductivity (mS/cm)	3%							
Turbidity (NTU)	10%							
D.O. (mg/L)	10%							
Temperature (°C) (°F)	3%							
ORP ³ (mV)	+/-10 mv							
Appearance								
Free Product (Yes/No)								
Odor								

C = Clear T = Turbid ST = Semi Turbid VT = Very Turbid

Comments- Water temperatures were elevated due to the air temperature and sunlight heating up the flow cell.



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 499 Col Eileen Collins Blvd
 Syracuse, NY 13212
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Well Sampling Field Data Sheet

Well Casing Unit Volume		
(gal/l.f.)		
1 1/4" = 0.08	2" = 0.17	3" = 0.38
4" = 0.66	6" = 1.5	8" = 2.6

Client Name: Jamestown Container Company
Site Name: Former Dowcraft Site
Project No.: N30
Field Staff: BW

WELL DATA

Date	8/6/2025
Time	1300
Water meter utilized and date last calibrated	tapedown
Well Number	Esi7
PID Reading (ppm)	0.0
Diameter (inches)	2.0
Total Sounded Depth (feet)	13.95
Static Water Level (feet)	10.80
H ₂ O Column (feet)	3.15
Pump Intake (feet)	13.00
Well Volume (gallons)	2.37
Amount to Evacuate (gallons)	
Amount Evacuated (gallons)	

SAMPLE DATA

Sample Date	8/6/2025
Sample Time	1400
Sampler Initials	bw
Sample I.D.	ESI-7-20250806
Dupe Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
MS Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
MSD Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
Trip Blank Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
EQ Blank Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
Comments	

FIELD READINGS

Date	Stabilization Criteria								
Time		1330	1335	1340	1345	1350	1355	1400	
Volume Extracted	gallons	0	0.3	0.6	0.9	1.2	1.5		
Static Water Level (feet)	NA	10.8		11		11.1			
pH (Std. Units)	+/-0.1	7.62	7.64	7.41	7.37	7.31	6.96	7.02	
Conductivity (mS/cm)	3%		0	0.072	0.386	0.415	0.422	0.439	
Turbidity (NTU)	10%		3.01	476	407	342	112	16	
D.O. (mg/L)	10%		7.4	7.4	7.36	3.19	3.22	3.41	
Temperature (°C) (°F)	3%		32.53	32.12	32.12	32.02	31.9	31.76	
ORP ³ (mV)	+/-10 mv		342	324	327	330	331	330	
Appearance		Tan	C	C	C	C	C	C	
Free Product (Yes/No)			N	N	N	N	N	N	
Odor			N	N	N	N	N	N	

Date									
Time	Stabilization Criteria								
Volume Extracted	gallons								
Static Water Level (feet)	NA								
pH (Std. Units)	+/-0.1								
Conductivity (mS/cm)	3%								
Turbidity (NTU)	10%								
D.O. (mg/L)	10%								
Temperature (°C) (°F)	3%								
ORP ³ (mV)	+/-10 mv								
Appearance									
Free Product (Yes/No)									
Odor									

C = Clear T = Turbid ST = Semi Turbid VT = Very Turbid

Comments- D.O is elevated at this well, similar to 2024 sampling numbers. Sediment in bottom of well. Water temperatures were elevated due to the air temperature and sunlight heating up the flow cell.



C&S Engineers, Inc.
 499 Col Eileen Collins Blvd
 Syracuse, NY 13212
 Phone: 315-455-2000
 Fax: 315-455-9667

Well Sampling Field Data Sheet

Well Casing Unit Volume		
(gal/l.f.)		
1¼" = 0.08	2" = 0.17	3" = 0.38
4" = 0.66	6" = 1.5	8" = 2.6

Client Name: Jamestown Container Company
Site Name: Former Dowcraft Site
Project No.: N30
Field Staff: BW

WELL DATA

Date	8/13/2025
Time	1115
Water meter utilized and date last calibrated	tapedown
Well Number	esi-10
PID Reading (ppm)	0.0
Diameter (inches)	2.0
Total Sounded Depth (feet)	15.90
Static Water Level (feet)	10.60
H ₂ O Column (feet)	4.30
Pump Intake (feet)	12.00
Well Volume (gallons)	2.70
Amount to Evacuate (gallons)	
Amount Evacuated (gallons)	

SAMPLE DATA

Sample Date	8/13/2025
Sample Time	1145
Sampler Initials	BW
Sample I.D.	ESI-10-20250813
Dupe Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
MS Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
MSD Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
Trip Blank Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
EQ Blank Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
Comments	

FIELD READINGS

Date	Stabilization Criteria	13-Aug						
		1120	1125	1130	1135	1140	1145	
Time								
Volume Extracted	gallons	0	0.3	0.6	0.9	1.2	1.5	
Static Water Level (feet)	NA	10.6						
pH (Std. Units)	+/-0.1	7.2	6.63	6.49	6.44	6.43	6.44	
Conductivity (mS/cm)	3%	0.506	0.673	0.711	0.722	0.725	0.724	
Turbidity (NTU)	10%	31	38.7	26.1	25.9	25.2	24	
D.O. (mg/L)	10%	8.55	7.37	7.09	6.45	6.1	5.99	
Temperature (°C) (°F)	3%	19.13	18.61	18.44	18.4	18.31	18.35	
ORP ³ (mV)	+/-10 mv	1	116	170	199	206	206	
Appearance		c	c	c	c	c	c	
Free Product (Yes/No)		n	n	n	n	n	n	
Odor		n	n	n	n	n	n	

Date	Stabilization Criteria						
Time							
Volume Extracted	gallons						
Static Water Level (feet)	NA						
pH (Std. Units)	+/-0.1						
Conductivity (mS/cm)	3%						
Turbidity (NTU)	10%						
D.O. (mg/L)	10%						
Temperature (°C) (°F)	3%						
ORP ³ (mV)	+/-10 mv						
Appearance							
Free Product (Yes/No)							
Odor							

C = Clear T = Turbid ST = Semi Turbid VT = Very Turbid

Comments- D.O levels are 6 mg/L higher than 2024 numbers.



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 499 Col Eileen Collins Blvd
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 Phone: 315-455-2000
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Well Sampling Field Data Sheet

Well Casing Unit Volume		
(gal/l.f.)		
1 1/4" = 0.08	2" = 0.17	3" = 0.38
4" = 0.66	6" = 1.5	8" = 2.6

Client Name: Jamestown Container Company
Site Name: Former Dowcraft Site
Project No.: N30
Field Staff: BW

WELL DATA

Date	8/6/2025	8/13/2025
Time	1200	1035
Water meter utilized and date last calibrated	tapedown	tapedown
Well Number	mw-10d	
PID Reading (ppm)	0.0	0
Diameter (inches)	2.0	2
Total Sounded Depth (feet)	40.00	40
Static Water Level (feet)	11.20	11.1
H ₂ O Column (feet)	28.80	28.9
Pump Intake (feet)	30.00	30
Well Volume (gallons)	6.80	6.8
Amount to Evacuate (gallons)		
Amount Evacuated (gallons)		

SAMPLE DATA

Sample Date	8/13/2025	
Sample Time	1105	
Sampler Initials	bw	
Sample I.D.	MW-10D-20250813	
Dupe Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ID:
MS Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ID:
MSD Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ID:
Trip Blank Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ID:
EQ Blank Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ID:
Comments		

FIELD READINGS

Date	Stabilization Criteria	8/13/2025						
Time		1040	1045	1050	1055	11	1105	
Volume Extracted	gallons	0	0.3	0.6	0.9	1.2	1.5	
Static Water Level (feet)	NA	11.1						
pH (Std. Units)	+/-0.1	7.96	7.77	7.6	7.6	7.67	7.67	
Conductivity (mS/cm)	3%	0.109	0.638	0.348	0.347	0.347	0.347	
Turbidity (NTU)	10%	39.6	29.9	24.8	21.8	20.9	21.4	
D.O. (mg/L)	10%	4.39	2.02	0.56	0.55	0.53	0.52	
Temperature (°C) (°F)	3%	19.06	17.88	17.39	17.35	17.3	17.24	
ORP ³ (mV)	+/-10 mv	-26	-100	-190	-193	-198	-198	
Appearance		c	c	c	c	c	c	
Free Product (Yes/No)		n	n	n	n	n	n	
Odor		n	n	n	n	n	n	

Date	Stabilization Criteria							
Time								
Volume Extracted	gallons							
Static Water Level (feet)	NA							
pH (Std. Units)	+/-0.1							
Conductivity (mS/cm)	3%							
Turbidity (NTU)	10%							
D.O. (mg/L)	10%							
Temperature (°C) (°F)	3%							
ORP ³ (mV)	+/-10 mv							
Appearance								
Free Product (Yes/No)								
Odor								

C = Clear T = Turbid ST = Semi Turbid VT = Very Turbid

Comments - Purged 6.8 gallons on 8/6. Final water depth 12.8 feet.



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 499 Col Eileen Collins Blvd
 Syracuse, NY 13212
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Well Sampling Field Data Sheet

Well Casing Unit Volume		
(gal/l.f.)		
1¼" = 0.08	2" = 0.17	3" = 0.38
4" = 0.66	6" = 1.5	8" = 2.6

Client Name: Jamestown Container Company
Site Name: Former Dowcraft Site
Project No.: N30
Field Staff: BW

WELL DATA

Date	8/13/2025
Time	1200
Water meter utilized and date last calibrated	tapedown
Well Number	ESI-11
PID Reading (ppm)	0.0
Diameter (inches)	2.0
Total Sounded Depth (feet)	15.60
Static Water Level (feet)	11.20
H ₂ O Column (feet)	4.40
Pump Intake (feet)	13.00
Well Volume (gallons)	2.65
Amount to Evacuate (gallons)	
Amount Evacuated (gallons)	

SAMPLE DATA

Sample Date	8/13/2025
Sample Time	1225
Sampler Initials	bw
Sample I.D.	ESI-11-20250813
Dupe Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
MS Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
MSD Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
Trip Blank Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
EQ Blank Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
Comments	

FIELD READINGS

Date	Stabilization Criteria	8/13/2025							
Time		1205	1210	1215	1220	1225			
Volume Extracted	gallons	0	0.3	0.6	0.9	1.2			
Static Water Level (feet)	NA	11.2		11.4		11.5			
pH (Std. Units)	+/-0.1	6.54	6.6	6.58	6.59	6.6			
Conductivity (mS/cm)	3%	0.754	0.777	0.886	0.88	0.878			
Turbidity (NTU)	10%	18.8	18.6	18.8	18.8	10.4			
D.O. (mg/L)	10%	4.2	1.8	0.63	0.59	0.58			
Temperature (°C) (°F)	3%	19.75	18.01	17.96	17.91	17.89			
ORP ³ (mV)	+/-10 mv	180	177	166	164	163			
Appearance		c	c	c	c	c			
Free Product (Yes/No)		n	n	n	n	n			
Odor		n	n	n	n	n			

Date	Stabilization Criteria								
Time									
Volume Extracted	gallons								
Static Water Level (feet)	NA								
pH (Std. Units)	+/-0.1								
Conductivity (mS/cm)	3%								
Turbidity (NTU)	10%								
D.O. (mg/L)	10%								
Temperature (°C) (°F)	3%								
ORP ³ (mV)	+/-10 mv								
Appearance									
Free Product (Yes/No)									
Odor									

C = Clear T = Turbid ST = Semi Turbid VT = Very Turbid

Comments- D.O. levels are 6 mg/L lower than 2024 numbers



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 499 Col Eileen Collins Blvd
 Syracuse, NY 13212
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Well Sampling Field Data Sheet

Well Casing Unit Volume		
(gal/l.f.)		
1¼" = 0.08	2" = 0.17	3" = 0.38
4" = 0.66	6" = 1.5	8" = 2.6

Client Name: Jamestown Container Company
Site Name: Former Dowcraft Site
Project No.: N30
Field Staff: BW

WELL DATA

Date	8/13/2025
Time	1245
Water meter utilized and date last calibrated	tapedown
Well Number	esi-12
PID Reading (ppm)	0.0
Diameter (inches)	2.0
Total Sounded Depth (feet)	15.10
Static Water Level (feet)	11.20
H ₂ O Column (feet)	3.90
Pump Intake (feet)	13.00
Well Volume (gallons)	2.56
Amount to Evacuate (gallons)	
Amount Evacuated (gallons)	

SAMPLE DATA

Sample Date	8/13/2025
Sample Time	1305
Sampler Initials	BW
Sample I.D.	ESI-12-20250813
Dupe Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
MS Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
MSD Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
Trip Blank Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
EQ Blank Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
Comments	

FIELD READINGS

Date	Stabilization Criteria	8/13/2025						
Time		1240	1245	1250	1255	1300	1305	
Volume Extracted	gallons	0	0.3	0.6	0.9	1.2	1.5	
Static Water Level (feet)	NA	11.2		11.2		11.4		
pH (Std. Units)	+/-0.1	6.62	6.88	6.92	6.92	6.92	6.92	
Conductivity (mS/cm)	3%	0.791	1.08	1.09	1.1	1.1	1.1	
Turbidity (NTU)	10%	62.3	55	49.9	41.9	35	30.9	
D.O. (mg/L)	10%	3.25	0.62	0.63	0.66	0.67	0.7	
Temperature (°C) (°F)	3%	19.77	18.24	18.11	18.11	18.11	18.17	
ORP ³ (mV)	+/-10 mv	171	155	153	151	150	148	
Appearance		pink	c	c	c	c	c	
Free Product (Yes/No)		n	n	n	n	n	n	
Odor		n	n	n	n	n	n	

Date	Stabilization Criteria							
Time								
Volume Extracted	gallons							
Static Water Level (feet)	NA							
pH (Std. Units)	+/-0.1							
Conductivity (mS/cm)	3%							
Turbidity (NTU)	10%							
D.O. (mg/L)	10%							
Temperature (°C) (°F)	3%							
ORP ³ (mV)	+/-10 mv							
Appearance								
Free Product (Yes/No)								
Odor								

C = Clear T = Turbid ST = Semi Turbid VT = Very Turbid



C&S Engineers, Inc.
 499 Col Eileen Collins Blvd
 Syracuse, NY 13212
 Phone: 315-455-2000
 Fax: 315-455-9667

Well Sampling Field Data Sheet

Well Casing Unit Volume		
(gal/l.f.)		
1 1/4" = 0.08	2" = 0.17	3" = 0.38
4" = 0.66	6" = 1.5	8" = 2.6

Client Name: Jamestown Container Company
Site Name: Former Dowcraft Site
Project No.: N30
Field Staff: BW

WELL DATA

Date	8/6/2025
Time	1205
Water meter utilized and date last calibrated	
Well Number	Esi13r
PID Reading (ppm)	0.0
Diameter (inches)	2.0
Total Sounded Depth (feet)	15.10
Static Water Level (feet)	10.00
H ₂ O Column (feet)	5.10
Pump Intake (feet)	12.00
Well Volume (gallons)	2.58
Amount to Evacuate (gallons)	
Amount Evacuated (gallons)	

SAMPLE DATA

Sample Date	8/6/2025
Sample Time	1240
Sampler Initials	Bw
Sample I.D.	ESI-13R-20250806
Dupe Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
MS Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
MSD Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
Trip Blank Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
EQ Blank Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
Comments	

FIELD READINGS

Date	Stabilization Criteria	8/6/2025							
Time		1210	1215	1220	1225	1230	1235	1240	
Volume Extracted	gallons	0	0.3	0.6	0.9	1.2	1.5	1.8	
Static Water Level (feet)	NA	10							
pH (Std. Units)	+/-0.1	7.69	7.52	7.52	7.48	7.47	7.46	7.46	
Conductivity (mS/cm)	3%	0.001	0.001	0.448	0.484	0.529	0.492	0.515	
Turbidity (NTU)	10%	3.99	431	130	66.7	66.3	55.9	46	
D.O. (mg/L)	10%	8.09	8.08	4.49	2.98	2.84	2.8	2.92	
Temperature (°C) (°F)	3%	28.65	28.95	29.61	29.64	29.86	30.04	30.22	
ORP ³ (mV)	+/-10 mv	498	503	498	489	472	460	449	
Appearance		C	C	C	C	C	C	C	
Free Product (Yes/No)		N	N	N	N	N	N	N	
Odor		N	N	N	N	N	N	N	

Date	Stabilization Criteria								
Time									
Volume Extracted	gallons								
Static Water Level (feet)	NA								
pH (Std. Units)	+/-0.1								
Conductivity (mS/cm)	3%								
Turbidity (NTU)	10%								
D.O. (mg/L)	10%								
Temperature (°C) (°F)	3%								
ORP ³ (mV)	+/-10 mv								
Appearance									
Free Product (Yes/No)									
Odor									

C = Clear T = Turbid ST = Semi Turbid VT = Very Turbid

Comments - Water temperatures were elevated due to the air temperature and sunlight heating up the flow cell.



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Well Sampling Field Data Sheet

Well Casing Unit Volume		
(gal/l.f.)		
1 1/4" = 0.08	2" = 0.17	3" = 0.38
4" = 0.66	6" = 1.5	8" = 2.6

Client Name: Jamestown Container Company
Site Name: Former Dowcraft Site
Project No.: N30
Field Staff: BW

WELL DATA

Date	8/13/2025
Time	805
Water meter utilized and date last calibrated	Tape Down
Well Number	pw-1
PID Reading (ppm)	0.0
Diameter (inches)	4.0
Total Sounded Depth (feet)	19.90
Static Water Level (feet)	10.80
H ₂ O Column (feet)	9.10
Pump Intake (feet)	13.00
Well Volume (gallons)	13.13
Amount to Evacuate (gallons)	
Amount Evacuated (gallons)	

SAMPLE DATA

Sample Date	8/13/2025
Sample Time	835
Sampler Initials	BW
Sample I.D.	PW-1-20250813
Dupe Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
MS Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
MSD Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
Trip Blank Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
EQ Blank Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
Comments	

FIELD READINGS

Date	Stabilization Criteria	8/13/2025						
Time		810	815	820	825	830	835	
Volume Extracted	gallons	0	0.3	0.6	0.9	1.2	1.5	
Static Water Level (feet)	NA	10.8						
pH (Std. Units)	+/-0.1	6.58	6.54	6.53	6.53	6.53	6.53	
Conductivity (mS/cm)	3%	1.39	1.39	1.4	1.4	1.4	1.41	
Turbidity (NTU)	10%	43.3	36.7	32.7	27	24.3	22.6	
D.O. (mg/L)	10%	2.77	2.72	2.71	2.71	2.71	2.68	
Temperature (°C) (°F)	3%	17.66	17.49	17.52	17.57	17.53	17.69	
ORP ³ (mV)	+/-10 mv	78	83	86	90	93	96	
Appearance		c	c	c	c	c	c	
Free Product (Yes/No)		n	n	n	n	n	n	
Odor		n	n	n	n	n	n	

Date	Stabilization Criteria							
Time	Criteria							
Volume Extracted	gallons							
Static Water Level (feet)	NA							
pH (Std. Units)	+/-0.1							
Conductivity (mS/cm)	3%							
Turbidity (NTU)	10%							
D.O. (mg/L)	10%							
Temperature (°C) (°F)	3%							
ORP ³ (mV)	+/-10 mv							
Appearance								
Free Product (Yes/No)								
Odor								

C = Clear T = Turbid ST = Semi Turbid VT = Very Turbid



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Well Sampling Field Data Sheet

Well Casing Unit Volume

(gal/l.f.)

1 1/4" = 0.08 2" = 0.17 3" = 0.38
 4" = 0.66 6" = 1.5 8" = 2.6

Client Name: Jamestown Container Company
Site Name: Former Dowcraft Site
Project No.: N30
Field Staff: BW

WELL DATA

Date	8/6/2025	8/13/2025
Time		625
Water meter utilized and date last calibrated		
Well Number	Pw2	
PID Reading (ppm)	0.0	0
Diameter (inches)	4.0	4
Total Sounded Depth (feet)	25.00	25
Static Water Level (feet)	10.60	10.65
H ₂ O Column (feet)	14.40	14.35
Pump Intake (feet)	18.00	18
Well Volume (gallons)	16.50	16.5
Amount to Evacuate (gallons)		
Amount Evacuated (gallons)		

SAMPLE DATA

Sample Date	8/13/2025	
Sample Time	700	
Sampler Initials	BW	
Sample I.D.	PW-2-20250813	
Dupe Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ID:
MS Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ID:
MSD Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ID:
Trip Blank Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ID:
EQ Blank Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ID:
Comments		

FIELD READINGS

Date	Stabilization Criteria	13-Aug							
Time		630	635	640	645	650	655	7	
Volume Extracted	gallons	0	0.3	0.6	0.9	1.2	1.5	1.8	
Static Water Level (feet)	NA	10.65		10.75		10.8		10.9	
pH (Std. Units)	+/-0.1	7.85	7.1	7.03	6.66	6.55	6.54	6.52	
Conductivity (mS/cm)	3%	1.02	1.02	1.02	1.03	1.03	1.03	1.03	
Turbidity (NTU)	10%	5.54	4.02	2.85	2.12	1.85	1.69	1.51	
D.O. (mg/L)	10%	1.65	1.22	1.15	1.08	0.87	0.85	0.81	
Temperature (°C) (°F)	3%	20.34	19.32	19.02	18.35	17.97	17.8	17.77	
ORP ³ (mV)	+/-10 mv	-85	-99	-95	-95	-88	-88	-86	
Appearance		c	c	c	c	c	c	c	
Free Product (Yes/No)		n	n	n	n	n	n	n	
Odor		n	n	n	n	n	n	n	

Date	Stabilization Criteria								
Time									
Volume Extracted	gallons								
Static Water Level (feet)	NA								
pH (Std. Units)	+/-0.1								
Conductivity (mS/cm)	3%								
Turbidity (NTU)	10%								
D.O. (mg/L)	10%								
Temperature (°C) (°F)	3%								
ORP ³ (mV)	+/-10 mv								
Appearance									
Free Product (Yes/No)									
Odor									

C = Clear T = Turbid ST = Semi Turbid VT = Very Turbid

8/6/2025 purge 6 gal. Water level finish at 11.8



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Well Sampling Field Data Sheet

Well Casing Unit Volume

(gal/l.f.)

1 1/4" = 0.08 2" = 0.17 3" = 0.38
 4" = 0.66 6" = 1.5 8" = 2.6

Client Name: Jamestown Container Company
Site Name: Former Dowcraft Site
Project No.: N30
Field Staff: BW

WELL DATA

Date	8/13/2025
Time	1315
Water meter utilized and date last calibrated	Tape Down
Well Number	pw-3r
PID Reading (ppm)	0.0
Diameter (inches)	4.0
Total Sounded Depth (feet)	36.80
Static Water Level (feet)	10.55
H ₂ O Column (feet)	26.25
Pump Intake (feet)	26.00
Well Volume (gallons)	24.28
Amount to Evacuate (gallons)	
Amount Evacuated (gallons)	

SAMPLE DATA

Sample Date	8/13/2025
Sample Time	1350
Sampler Initials	BW
Sample I.D.	PW-3R-20250813
Dupe Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
MS Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
MSD Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
Trip Blank Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
EQ Blank Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ID:
Comments	

FIELD READINGS

Date	Stabilization Criteria	8/13/2025						
Time		1320	1325	1330	1335	1340	1345	1350
Volume Extracted	gallons	0	0.3	0.6	0.9	1.2	1.5	1.8
Static Water Level (feet)	NA	10.55						
pH (Std. Units)	+/-0.1	6.56	6.35	6.35	6.37	6.38	6.4	6.42
Conductivity (mS/cm)	3%	1.58	1.71	1.72	1.71	1.71	1.7	1.7
Turbidity (NTU)	10%	127	97.1	80.8	71.4	26	18	16
D.O. (mg/L)	10%	0.99	0.52	0.48	0.41	0.4	0.39	0.38
Temperature (°C) (°F)	3%	19.2	18.63	18.81	18.73	18.69	19.17	19.21
ORP ³ (mV)	+/-10 mv	2	-14	-23	-26	-26	-28	-30
Appearance		c	c	c	c	c	c	c
Free Product (Yes/No)		n	n	n	n	n	n	n
Odor		n	n	n	n	n	n	n

Date	Stabilization Criteria							
Time								
Volume Extracted	gallons							
Static Water Level (feet)	NA							
pH (Std. Units)	+/-0.1							
Conductivity (mS/cm)	3%							
Turbidity (NTU)	10%							
D.O. (mg/L)	10%							
Temperature (°C) (°F)	3%							
ORP ³ (mV)	+/-10 mv							
Appearance								
Free Product (Yes/No)								
Odor								

C = Clear T = Turbid ST = Semi Turbid VT = Very Turbid

Comments



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Well Sampling Field Data Sheet

Well Casing Unit Volume		
(gal/l.f.)		
1 1/4" = 0.08	2" = 0.17	3" = 0.38
4" = 0.66	6" = 1.5	8" = 2.6

Client Name: Jamestown Container Company
Site Name: Former Dowcraft Site
Project No.: N30
Field Staff: BW

WELL DATA

Date	8/6/2025	8/13/2025
Time	1400	930
Water meter utilized and date last calibrated		
Well Number	mw-15d	
PID Reading (ppm)	0.0	0
Diameter (inches)	2.0	2
Total Sounded Depth (feet)	43.50	43.5
Static Water Level (feet)	9.80	9.7
H ₂ O Column (feet)	33.70	33.8
Pump Intake (feet)	38.50	38.5
Well Volume (gallons)		
Amount to Evacuate (gallons)		
Amount Evacuated (gallons)		

SAMPLE DATA

Sample Date	8/13/2025	
Sample Time	1000	
Sampler Initials	bw	
Sample I.D.	MW-15D-20250813	
Dupe Collected?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	yes
MS Collected?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	yes
MSD Collected?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	yes
Trip Blank Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ID:
EQ Blank Collected?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ID:
Comments		

FIELD READINGS

Date	Stabilization Criteria	8/13/2025						
Time		935	940	945	950	955	10	
Volume Extracted	gallons	0	0.3	0.6	0.9	1.2	1.5	
Static Water Level (feet)	NA	9.7						
pH (Std. Units)	+/-0.1	7.04	8.76	8.58	8.7	8.76	8.75	
Conductivity (mS/cm)	3%	0.261	0.169	0.166	0.166	0.167	0.167	
Turbidity (NTU)	10%	13	13	16.1	15.2	14.9	15	
D.O. (mg/L)	10%	1.77	0.58	0.84	0.77	0.54	0.53	
Temperature (°C) (°F)	3%	17.68	16.28	15.94	15.92	15.85	15.83	
ORP ³ (mV)	+/-10 mv	68	-73	-90	-93	-96	-100	
Appearance		c	c	c	c	c	c	
Free Product (Yes/No)		n	n	n	n	n	n	
Odor		n	n	n	n	n	n	

Date	Stabilization Criteria							
Time								
Volume Extracted	gallons							
Static Water Level (feet)	NA							
pH (Std. Units)	+/-0.1							
Conductivity (mS/cm)	3%							
Turbidity (NTU)	10%							
D.O. (mg/L)	10%							
Temperature (°C) (°F)	3%							
ORP ³ (mV)	+/-10 mv							
Appearance								
Free Product (Yes/No)								
Odor								

C = Clear T = Turbid ST = Semi Turbid VT = Very Turbid



ANALYTICAL REPORT

Lab Number:	L2551009
Client:	C&S Companies 141 Elm Street, Suite 100 Buffalo, NY 14203
ATTN:	Brian Wasilewski
Phone:	(716) 427-6381
Project Name:	JCC PRR 2025
Project Number:	N30
Report Date:	09/02/25

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: JCC PRR 2025**Project Number:** N30**Lab Number:** L2551009**Report Date:** 09/02/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2551009-01	PW-3R-20250813	WATER	JAMESTOWN	08/13/25 13:50	08/13/25
L2551009-02	MW-10D-20250813	WATER	JAMESTOWN	08/13/25 11:05	08/13/25
L2551009-03	PW-1-20250813	WATER	JAMESTOWN	08/13/25 08:35	08/13/25
L2551009-04	ESI-3-20250813	WATER	JAMESTOWN	08/13/25 09:15	08/13/25
L2551009-05	ESI-2D-20250813	WATER	JAMESTOWN	08/13/25 07:40	08/13/25
L2551009-06	PW-2-20250813	WATER	JAMESTOWN	08/13/25 07:00	08/13/25
L2551009-07	ESI-10-20250813	WATER	JAMESTOWN	08/13/25 11:45	08/13/25
L2551009-08	ESI-12-20250813	WATER	JAMESTOWN	08/13/25 13:05	08/13/25
L2551009-09	MW-15D-20250813	WATER	JAMESTOWN	08/13/25 10:00	08/13/25
L2551009-10	ESI-11-20250813	WATER	JAMESTOWN	08/13/25 12:25	08/13/25
L2551009-11	DUP-01-20250813	WATER	JAMESTOWN	08/13/25 10:07	08/13/25
L2551009-12	TRIP BLANK	WATER	JAMESTOWN	08/13/25 00:00	08/13/25

Project Name: JCC PRR 2025
Project Number: N30

Lab Number: L2551009
Report Date: 09/02/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: JCC PRR 2025
Project Number: N30

Lab Number: L2551009
Report Date: 09/02/25

Case Narrative (continued)

Report Submission

September 02, 2025: This final report includes the results of all requested analyses.

August 27, 2025: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

The analysis of Dissolved Gases was subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Volatile Organics

L2551009-12: The Trip Blank has a concentration above the reporting limit for acetone. The sample was re-analyzed and confirmed the original results. The results of the original analysis are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Tiffani Morrissey

Title: Technical Director/Representative

Date: 09/02/25

ORGANICS

VOLATILES

Project Name: JCC PRR 2025

Lab Number: L2551009

Project Number: N30

Report Date: 09/02/25

SAMPLE RESULTS

Lab ID: L2551009-01 D

Date Collected: 08/13/25 13:50

Client ID: PW-3R-20250813

Date Received: 08/13/25

Sample Location: JAMESTOWN

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 08/25/25 08:58

Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	ND		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	ND		ug/l	2.5	0.80	5
Toluene	ND		ug/l	12	3.5	5
Ethylbenzene	ND		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	1000		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	ND		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	12	3.5	5
Trichloroethene	ND		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5



Project Name: JCC PRR 2025

Lab Number: L2551009

Project Number: N30

Report Date: 09/02/25

SAMPLE RESULTS

Lab ID: L2551009-01 D

Date Collected: 08/13/25 13:50

Client ID: PW-3R-20250813

Date Received: 08/13/25

Sample Location: JAMESTOWN

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	0.83	5
p/m-Xylene	ND		ug/l	12	3.5	5
o-Xylene	ND		ug/l	12	3.5	5
cis-1,2-Dichloroethene	280		ug/l	12	3.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	9.5	J	ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Isopropylbenzene	ND		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
Methyl Acetate	ND		ug/l	10	1.2	5
Cyclohexane	ND		ug/l	50	1.4	5
1,4-Dioxane	ND		ug/l	1200	300	5
Freon-113	ND		ug/l	12	3.5	5
Methyl cyclohexane	ND		ug/l	50	2.0	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	108		70-130

Project Name: JCC PRR 2025

Lab Number: L2551009

Project Number: N30

Report Date: 09/02/25

SAMPLE RESULTS

Lab ID: L2551009-02
 Client ID: MW-10D-20250813
 Sample Location: JAMESTOWN

Date Collected: 08/13/25 11:05
 Date Received: 08/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 08/25/25 09:23
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.10	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: JCC PRR 2025

Lab Number: L2551009

Project Number: N30

Report Date: 09/02/25

SAMPLE RESULTS

Lab ID: L2551009-02
 Client ID: MW-10D-20250813
 Sample Location: JAMESTOWN

Date Collected: 08/13/25 11:05
 Date Received: 08/13/25
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	13		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	110		70-130

Project Name: JCC PRR 2025**Lab Number:** L2551009**Project Number:** N30**Report Date:** 09/02/25**SAMPLE RESULTS**

Lab ID: L2551009-03
 Client ID: PW-1-20250813
 Sample Location: JAMESTOWN

Date Collected: 08/13/25 08:35
 Date Received: 08/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 08/25/25 09:47
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	1.8		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: JCC PRR 2025

Lab Number: L2551009

Project Number: N30

Report Date: 09/02/25

SAMPLE RESULTS

Lab ID: L2551009-03
 Client ID: PW-1-20250813
 Sample Location: JAMESTOWN

Date Collected: 08/13/25 08:35
 Date Received: 08/13/25
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	1.5	J	ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	12		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	113		70-130

Project Name: JCC PRR 2025

Lab Number: L2551009

Project Number: N30

Report Date: 09/02/25

SAMPLE RESULTS

Lab ID: L2551009-04
 Client ID: ESI-3-20250813
 Sample Location: JAMESTOWN

Date Collected: 08/13/25 09:15
 Date Received: 08/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 08/25/25 10:12
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.75		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: JCC PRR 2025

Lab Number: L2551009

Project Number: N30

Report Date: 09/02/25

SAMPLE RESULTS

Lab ID: L2551009-04
 Client ID: ESI-3-20250813
 Sample Location: JAMESTOWN

Date Collected: 08/13/25 09:15
 Date Received: 08/13/25
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	6.2		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	114		70-130

Project Name: JCC PRR 2025

Lab Number: L2551009

Project Number: N30

Report Date: 09/02/25

SAMPLE RESULTS

Lab ID: L2551009-05
 Client ID: ESI-2D-20250813
 Sample Location: JAMESTOWN

Date Collected: 08/13/25 07:40
 Date Received: 08/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 08/25/25 10:36
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: JCC PRR 2025

Lab Number: L2551009

Project Number: N30

Report Date: 09/02/25

SAMPLE RESULTS

Lab ID: L2551009-05
 Client ID: ESI-2D-20250813
 Sample Location: JAMESTOWN

Date Collected: 08/13/25 07:40
 Date Received: 08/13/25
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	13		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	115		70-130

Project Name: JCC PRR 2025

Lab Number: L2551009

Project Number: N30

Report Date: 09/02/25

SAMPLE RESULTS

Lab ID: L2551009-06
 Client ID: PW-2-20250813
 Sample Location: JAMESTOWN

Date Collected: 08/13/25 07:00
 Date Received: 08/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 08/25/25 11:01
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	12		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	0.28	J	ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	1.1		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: JCC PRR 2025

Lab Number: L2551009

Project Number: N30

Report Date: 09/02/25

SAMPLE RESULTS

Lab ID: L2551009-06
 Client ID: PW-2-20250813
 Sample Location: JAMESTOWN

Date Collected: 08/13/25 07:00
 Date Received: 08/13/25
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	13		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	8.5		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	114		70-130

Project Name: JCC PRR 2025

Lab Number: L2551009

Project Number: N30

Report Date: 09/02/25

SAMPLE RESULTS

Lab ID: L2551009-07
 Client ID: ESI-10-20250813
 Sample Location: JAMESTOWN

Date Collected: 08/13/25 11:45
 Date Received: 08/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 08/25/25 11:25
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.11	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	2.8		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: JCC PRR 2025

Lab Number: L2551009

Project Number: N30

Report Date: 09/02/25

SAMPLE RESULTS

Lab ID: L2551009-07
 Client ID: ESI-10-20250813
 Sample Location: JAMESTOWN

Date Collected: 08/13/25 11:45
 Date Received: 08/13/25
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	1.8	J	ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	8.8		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	115		70-130

Project Name: JCC PRR 2025

Lab Number: L2551009

Project Number: N30

Report Date: 09/02/25

SAMPLE RESULTS

Lab ID: L2551009-08
 Client ID: ESI-12-20250813
 Sample Location: JAMESTOWN

Date Collected: 08/13/25 13:05
 Date Received: 08/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 08/25/25 11:50
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.43	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: JCC PRR 2025

Lab Number: L2551009

Project Number: N30

Report Date: 09/02/25

SAMPLE RESULTS

Lab ID: L2551009-08
 Client ID: ESI-12-20250813
 Sample Location: JAMESTOWN

Date Collected: 08/13/25 13:05
 Date Received: 08/13/25
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	13		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	115		70-130

Project Name: JCC PRR 2025

Lab Number: L2551009

Project Number: N30

Report Date: 09/02/25

SAMPLE RESULTS

Lab ID: L2551009-09
 Client ID: MW-15D-20250813
 Sample Location: JAMESTOWN

Date Collected: 08/13/25 10:00
 Date Received: 08/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 08/25/25 12:14
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: JCC PRR 2025

Lab Number: L2551009

Project Number: N30

Report Date: 09/02/25

SAMPLE RESULTS

Lab ID: L2551009-09
 Client ID: MW-15D-20250813
 Sample Location: JAMESTOWN

Date Collected: 08/13/25 10:00
 Date Received: 08/13/25
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	14		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	114		70-130

Project Name: JCC PRR 2025

Lab Number: L2551009

Project Number: N30

Report Date: 09/02/25

SAMPLE RESULTS

Lab ID: L2551009-10
 Client ID: ESI-11-20250813
 Sample Location: JAMESTOWN

Date Collected: 08/13/25 12:25
 Date Received: 08/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 08/25/25 12:39
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	4.2		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	1.6		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: JCC PRR 2025

Lab Number: L2551009

Project Number: N30

Report Date: 09/02/25

SAMPLE RESULTS

Lab ID: L2551009-10
 Client ID: ESI-11-20250813
 Sample Location: JAMESTOWN

Date Collected: 08/13/25 12:25
 Date Received: 08/13/25
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	3.1		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	14		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	115		70-130

Project Name: JCC PRR 2025

Lab Number: L2551009

Project Number: N30

Report Date: 09/02/25

SAMPLE RESULTS

Lab ID: L2551009-11
 Client ID: DUP-01-20250813
 Sample Location: JAMESTOWN

Date Collected: 08/13/25 10:07
 Date Received: 08/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 08/25/25 13:04
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: JCC PRR 2025

Lab Number: L2551009

Project Number: N30

Report Date: 09/02/25

SAMPLE RESULTS

Lab ID: L2551009-11
 Client ID: DUP-01-20250813
 Sample Location: JAMESTOWN

Date Collected: 08/13/25 10:07
 Date Received: 08/13/25
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	11		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	115		70-130

Project Name: JCC PRR 2025

Lab Number: L2551009

Project Number: N30

Report Date: 09/02/25

SAMPLE RESULTS

Lab ID: L2551009-12
 Client ID: TRIP BLANK
 Sample Location: JAMESTOWN

Date Collected: 08/13/25 00:00
 Date Received: 08/13/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 08/25/25 13:28
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: JCC PRR 2025

Lab Number: L2551009

Project Number: N30

Report Date: 09/02/25

SAMPLE RESULTS

Lab ID: L2551009-12

Date Collected: 08/13/25 00:00

Client ID: TRIP BLANK

Date Received: 08/13/25

Sample Location: JAMESTOWN

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	14		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	116		70-130

Project Name: JCC PRR 2025
Project Number: N30

Lab Number: L2551009
Report Date: 09/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/25/25 08:34
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-12 Batch: WG2107545-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70

Project Name: JCC PRR 2025
Project Number: N30

Lab Number: L2551009
Report Date: 09/02/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/25/25 08:34
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-12 Batch: WG2107545-5					
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23

Project Name: JCC PRR 2025
Project Number: N30

Lab Number: L2551009
Report Date: 09/02/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/25/25 08:34
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-12 Batch: WG2107545-5					
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	110		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: JCC PRR 2025

Lab Number: L2551009

Project Number: N30

Report Date: 09/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG2107545-3 WG2107545-4								
Methylene chloride	94		98		70-130	4		20
1,1-Dichloroethane	94		90		70-130	4		20
Chloroform	97		94		70-130	3		20
Carbon tetrachloride	110		100		63-132	10		20
1,2-Dichloropropane	85		86		70-130	1		20
Dibromochloromethane	86		88		63-130	2		20
1,1,2-Trichloroethane	84		88		70-130	5		20
Tetrachloroethene	97		93		70-130	4		20
Chlorobenzene	92		91		75-130	1		20
Trichlorofluoromethane	99		97		62-150	2		20
1,2-Dichloroethane	90		87		70-130	3		20
1,1,1-Trichloroethane	100		98		67-130	2		20
Bromodichloromethane	89		90		67-130	1		20
trans-1,3-Dichloropropene	80		81		70-130	1		20
cis-1,3-Dichloropropene	84		82		70-130	2		20
Bromoform	84		85		54-136	1		20
1,1,2,2-Tetrachloroethane	81		84		67-130	4		20
Benzene	88		88		70-130	0		20
Toluene	89		88		70-130	1		20

Lab Control Sample Analysis Batch Quality Control

Project Name: JCC PRR 2025

Lab Number: L2551009

Project Number: N30

Report Date: 09/02/25

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG2107545-3 WG2107545-4								
Ethylbenzene	90		89		70-130	1		20
Chloromethane	90		92		64-130	2		20
Bromomethane	86		95		39-139	10		20
Vinyl chloride	88		88		55-140	0		20
Chloroethane	91		94		55-138	3		20
1,1-Dichloroethene	95		93		61-145	2		20
trans-1,2-Dichloroethene	97		93		70-130	4		20
Trichloroethene	86		88		70-130	2		20
1,2-Dichlorobenzene	92		95		70-130	3		20
1,3-Dichlorobenzene	94		95		70-130	1		20
1,4-Dichlorobenzene	92		93		70-130	1		20
Methyl tert butyl ether	78		83		63-130	6		20
p/m-Xylene	90		90		70-130	0		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	96		95		70-130	1		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	87		88		36-147	1		20
Acetone	86		89		58-148	3		20
Carbon disulfide	91		91		51-130	0		20

Lab Control Sample Analysis Batch Quality Control

Project Name: JCC PRR 2025

Lab Number: L2551009

Project Number: N30

Report Date: 09/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG2107545-3 WG2107545-4								
2-Butanone	87		75		63-138	15		20
4-Methyl-2-pentanone	66		67		59-130	2		20
2-Hexanone	71		77		57-130	8		20
Bromochloromethane	98		100		70-130	2		20
1,2-Dibromoethane	86		83		70-130	4		20
1,2-Dibromo-3-chloropropane	82		86		41-144	5		20
Isopropylbenzene	85		86		70-130	1		20
1,2,3-Trichlorobenzene	87		93		70-130	7		20
1,2,4-Trichlorobenzene	86		94		70-130	9		20
Methyl Acetate	90		86		70-130	5		20
Cyclohexane	86		83		70-130	4		20
1,4-Dioxane	102		100		56-162	2		20
Freon-113	110		100		70-130	10		20
Methyl cyclohexane	82		83		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: JCC PRR 2025

Project Number: N30

Lab Number: L2551009

Report Date: 09/02/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG2107545-3 WG2107545-4

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		102		70-130
Toluene-d8	100		97		70-130
4-Bromofluorobenzene	94		96		70-130
Dibromofluoromethane	107		106		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: JCC PRR 2025

Lab Number: L2551009

Project Number: N30

Report Date: 09/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG2107545-6 WG2107545-7 QC Sample: L2551009-09 Client ID: MW-15D-20250813												
Methylene chloride	ND	10	12	120		12	120		70-130	0		20
1,1-Dichloroethane	ND	10	11	110		11	110		70-130	0		20
Chloroform	ND	10	11	110		12	120		70-130	9		20
Carbon tetrachloride	ND	10	12	120		11	110		63-132	9		20
1,2-Dichloropropane	ND	10	11	110		10	100		70-130	10		20
Dibromochloromethane	ND	10	11	110		10	100		63-130	10		20
1,1,2-Trichloroethane	ND	10	11	110		10	100		70-130	10		20
Tetrachloroethene	ND	10	11	110		10	100		70-130	10		20
Chlorobenzene	ND	10	10	100		10	100		75-130	0		20
Trichlorofluoromethane	ND	10	12	120		11	110		62-150	9		20
1,2-Dichloroethane	ND	10	11	110		11	110		70-130	0		20
1,1,1-Trichloroethane	ND	10	12	120		12	120		67-130	0		20
Bromodichloromethane	ND	10	11	110		11	110		67-130	0		20
trans-1,3-Dichloropropene	ND	10	9.6	96		9.6	96		70-130	0		20
cis-1,3-Dichloropropene	ND	10	9.4	94		9.2	92		70-130	2		20
Bromoform	ND	10	9.9	99		9.8	98		54-136	1		20
1,1,2,2-Tetrachloroethane	ND	10	9.7	97		9.6	96		67-130	1		20
Benzene	ND	10	11	110		10	100		70-130	10		20
Toluene	ND	10	10	100		10	100		70-130	0		20

Matrix Spike Analysis
Batch Quality Control

Project Name: JCC PRR 2025

Lab Number: L2551009

Project Number: N30

Report Date: 09/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG2107545-6 WG2107545-7 QC Sample: L2551009-09 Client ID: MW-15D-20250813												
Ethylbenzene	ND	10	9.8	98		9.6	96		70-130	2		20
Chloromethane	ND	10	12	120		13	130		64-130	8		20
Bromomethane	ND	10	5.2	52		6.3	63		39-139	19		20
Vinyl chloride	ND	10	11	110		12	120		55-140	9		20
Chloroethane	ND	10	12	120		12	120		55-138	0		20
1,1-Dichloroethene	ND	10	12	120		12	120		61-145	0		20
trans-1,2-Dichloroethene	ND	10	11	110		11	110		70-130	0		20
Trichloroethene	ND	10	10	100		9.6	96		70-130	4		20
1,2-Dichlorobenzene	ND	10	10	100		10	100		70-130	0		20
1,3-Dichlorobenzene	ND	10	10	100		9.8	98		70-130	2		20
1,4-Dichlorobenzene	ND	10	9.7	97		9.5	95		70-130	2		20
Methyl tert butyl ether	ND	10	10	100		11	110		63-130	10		20
p/m-Xylene	ND	20	20	100		20	100		70-130	0		20
o-Xylene	ND	20	20	100		20	100		70-130	0		20
cis-1,2-Dichloroethene	ND	10	11	110		11	110		70-130	0		20
Styrene	ND	20	22	110		21	105		70-130	5		20
Dichlorodifluoromethane	ND	10	11	110		11	110		36-147	0		20
Acetone	14	10	25	110		19	50	Q	58-148	27	Q	20
Carbon disulfide	ND	10	11	110		11	110		51-130	0		20

Matrix Spike Analysis
Batch Quality Control

Project Name: JCC PRR 2025

Lab Number: L2551009

Project Number: N30

Report Date: 09/02/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG2107545-6 WG2107545-7 QC Sample: L2551009-09 Client ID: MW-15D-20250813												
2-Butanone	ND	10	12	120		11	110		63-138	9		20
4-Methyl-2-pentanone	ND	10	9.8	98		9.9	99		59-130	1		20
2-Hexanone	ND	10	10	100		9.8	98		57-130	2		20
Bromochloromethane	ND	10	12	120		12	120		70-130	0		20
1,2-Dibromoethane	ND	10	11	110		10	100		70-130	10		20
1,2-Dibromo-3-chloropropane	ND	10	10	100		11	110		41-144	10		20
Isopropylbenzene	ND	10	8.7	87		8.7	87		70-130	0		20
1,2,3-Trichlorobenzene	ND	10	9.8	98		10	100		70-130	2		20
1,2,4-Trichlorobenzene	ND	10	9.2	92		9.5	95		70-130	3		20
Methyl Acetate	ND	10	9.2	92		9.5	95		70-130	3		20
Cyclohexane	ND	10	8.8J	88		8.2J	82		70-130	7		20
1,4-Dioxane	ND	500	540	108		610	122		56-162	12		20
Freon-113	ND	10	11	110		10	100		70-130	10		20
Methyl cyclohexane	ND	10	8.3J	83		7.6J	76		70-130	9		20

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1,2-Dichloroethane-d4	107		102		70-130
4-Bromofluorobenzene	91		95		70-130
Dibromofluoromethane	106		103		70-130
Toluene-d8	97		97		70-130

Project Name: JCC PRR 2025**Lab Number:** L2551009**Project Number:** N30**Report Date:** 09/02/25**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2551009-01A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-01B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-01C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-01D	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-01E	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-01F	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-02A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-02B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-02C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-02D	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-02E	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-02F	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-03A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-03B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-03C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-03D	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-03E	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-03F	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-04A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-04B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-04C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-04D	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-04E	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)

Project Name: JCC PRR 2025**Lab Number:** L2551009**Project Number:** N30**Report Date:** 09/02/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2551009-04F	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-05A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-05B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-05C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-05D	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-05E	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-05F	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-06A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-06B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-06C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-06D	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-06E	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-06F	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-07A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-07B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-07C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-07D	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-07E	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-07F	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-08A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-08B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-08C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-08D	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-08E	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-08F	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-09A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-09A1	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-09A2	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)

Project Name: JCC PRR 2025**Lab Number:** L2551009**Project Number:** N30**Report Date:** 09/02/25**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2551009-09B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-09B1	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-09B2	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-09C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-09C1	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-09C2	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-09D	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-09D1	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-09D2	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-09E	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-09E1	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-09E2	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-09F	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-09F1	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-09F2	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-10A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-10B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-10C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-10D	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-10E	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-10F	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-11A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-11B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-11C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2551009-11D	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-11E	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-11F	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2551009-12A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)

Project Name: JCC PRR 2025

Project Number: N30

Serial_No:09022515:48

Lab Number: L2551009

Report Date: 09/02/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2551009-12B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)

Project Name: JCC PRR 2025
Project Number: N30

Lab Number: L2551009
Report Date: 09/02/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: JCC PRR 2025
Project Number: N30

Lab Number: L2551009
Report Date: 09/02/25

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers



Project Name: JCC PRR 2025
Project Number: N30

Lab Number: L2551009
Report Date: 09/02/25

Data Qualifiers

estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: JCC PRR 2025

Lab Number: L2551009

Project Number: N30

Report Date: 09/02/25

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

MADEP-APH.

Nonpotable Water: EPA RSK-175 Dissolved Gases

Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1: Hg. **EPA 245.7:** Hg.

SM2340B

Pace Analytical Services LLC

ID No.:17873

Facility: **Northeast**

Revision 28

Department: **Quality Assurance**

Published Date: 07/25/2025

Title: **Certificate/Approval Program Summary**

Page 2 of 2

Certification IDs:**Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

CT PH-0826, IL 200077, IN C-MA-03, KY KY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

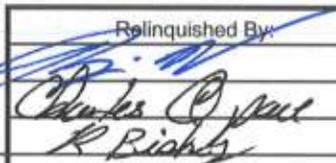
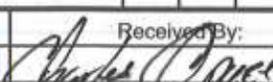
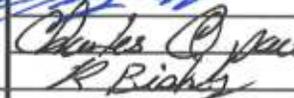
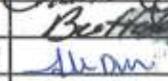
Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	NEW YORK CHAIN OF CUSTODY Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page 2 of 2	Date Rec'd in Lab 8/14/25	ALPHA Job # 2551009					
		Project Information Project Name: JCL PRR 2025 Project Location: Jamestown Project # N30 (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQulS (1 File) <input type="checkbox"/> EQulS (4 File) <input type="checkbox"/> Other		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO #				
Client Information Client: CTS Engineers Address: 141 Elm Street Buffalo, NY, 14203 Phone: 716-474-9092 Fax: Email: bwasilewski@cscos.com		Project Manager: ALPHAQuote #: Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		Regulatory Requirement <input checked="" type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input checked="" type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input checked="" type="checkbox"/> NY <input type="checkbox"/> Other:				
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments: Please specify Metals or TAL.				ANALYSIS		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below) Sample Specific Comments		T o t a l B o t t l e		
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials					
51009-09	MSD MS-20250813	8/13/25	1003	Water	BW	X	X		6	
-09	MSD MSD-20250813	8/13/25	1005	Water	BW	X	X		6	
-11	DUP-01-20250813	8/13/25	1007	Water	BW	X	X		6	
-12	Trip Blanks	8/13/25							2	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type V V Preservative B B			Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
Form No: 01-25 HC (rev. 30-Sept-2013)		Relinquished By:  Date/Time: 8/13/25 16:40		Received By:  Date/Time: 8-13-25 16:40		 Date/Time: 8-13-25 16:41			 Date/Time: 8/14/25 0330	



Sample Delivery Group Summary

Pace Job Number : L2551009

Received : 13-AUG-2025

Reviewer : Kevin Law

Account Name : C&S Companies

Project Number : N30

Project Name : JCC PRR 2025

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.8	

Condition Information

- | | |
|---|------------|
| 1) All samples on COC received? | YES |
| 2) Extra samples received? | NO |
| 3) Are there any sample container discrepancies? | NO |
| 4) Are there any discrepancies between COC & sample labels? | NO |
| 5) Are samples in appropriate containers for requested analysis? | YES |
| 6) Are samples properly preserved for requested analysis?
Following containers were received with headspace: -04C, -05C, -06B, -09B, -09B1,
-09C, -09C1, -11B | NO |
| 7) Are samples within holding time for requested analysis? | YES |
| 8) All sampling equipment returned? | NA |

Volatile Organics/VPH

- | | |
|--|-----------|
| 1) Reagent Water Vials Frozen by Client? | NO |
|--|-----------|



ANALYTICAL REPORT

September 02, 2025

Pace Analytical (Alpha) - Westborough, MA

Sample Delivery Group: L1889442
 Samples Received: 08/16/2025
 Project Number: L2551009
 Description:
 Site: 01
 Report To: Candace Fox
 8 Walkup Drive
 Westborough, MA 01581

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Entire Report Reviewed By:

Brigit Gillespie

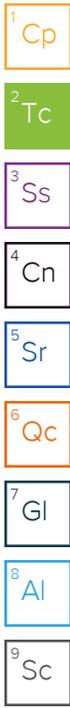
Brigit Gillespie
 Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	5
Sr: Sample Results	6
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MW-10D-20250813 L1889442-02	7
PW-1-20250813 L1889442-03	8
ESI-3-20250813 L1889442-04	9
ESI-2D-20250813 L1889442-05	10
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SAMPLE SUMMARY

Serial_No:09022515:48

PW-3R-20250813 L1889442-01

Collected by
Collected date/time
Received date/time
08/13/25 13:50 08/16/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2590004	1	08/29/25 09:54	08/29/25 09:54	LKH	Mt. Juliet, TN

- 1
Cp
- 2
Tc
- 3
Ss
- 4
Cn
- 5
Sr
- 6
Qc
- 7
Gl
- 8
Al
- 9
Sc

MW-10D-20250813 L1889442-02

Collected by
Collected date/time
Received date/time
08/13/25 11:05 08/16/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2590004	1	08/29/25 10:02	08/29/25 10:02	LKH	Mt. Juliet, TN

PW-1-20250813 L1889442-03

Collected by
Collected date/time
Received date/time
08/13/25 08:35 08/16/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2590004	1	08/29/25 10:05	08/29/25 10:05	LKH	Mt. Juliet, TN

ESI-3-20250813 L1889442-04

Collected by
Collected date/time
Received date/time
08/13/25 09:15 08/16/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2590004	1	08/29/25 10:08	08/29/25 10:08	LKH	Mt. Juliet, TN

ESI-2D-20250813 L1889442-05

Collected by
Collected date/time
Received date/time
08/13/25 07:40 08/16/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2590004	1	08/29/25 10:37	08/29/25 10:37	LKH	Mt. Juliet, TN

PW-2-20250813 L1889442-06

Collected by
Collected date/time
Received date/time
08/13/25 07:00 08/16/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2590008	1	08/29/25 09:00	08/29/25 09:00	LKH	Mt. Juliet, TN

ESI-10-20250813 L1889442-07

Collected by
Collected date/time
Received date/time
08/13/25 11:45 08/16/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2590008	1	08/29/25 09:04	08/29/25 09:04	LKH	Mt. Juliet, TN

ESI-12-20250813 L1889442-08

Collected by
Collected date/time
Received date/time
08/13/25 13:05 08/16/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2590008	1	08/29/25 09:09	08/29/25 09:09	LKH	Mt. Juliet, TN

SAMPLE SUMMARY

Serial_No:09022515:48

MW-15D-20250813 L1889442-09

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2590008	1	08/29/25 09:13	08/29/25 09:13	LKH	Mt. Juliet, TN

Collected by
Collected date/time
Received date/time

¹ Cp

² Tc

ESI-11-20250813 L1889442-10

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2590008	1	08/29/25 09:28	08/29/25 09:28	LKH	Mt. Juliet, TN

Collected by
Collected date/time
Received date/time

³ Ss

⁴ Cn

⁵ Sr

DUP-01-20250813 L1889442-11

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2590008	1	08/29/25 09:34	08/29/25 09:34	LKH	Mt. Juliet, TN

Collected by
Collected date/time
Received date/time

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Brigit Gillespie
Project Manager

- ¹ Cp
- ² Tc
- ³ Ss
- ⁴ Cn
- ⁵ Sr
- ⁶ Qc
- ⁷ Gl
- ⁸ Al
- ⁹ Sc

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	6220	T8	5.10	10.0	1	08/29/2025 09:54	WG2590004
Ethane	95.8	T8	3.40	13.0	1	08/29/2025 09:54	WG2590004
Ethene	307	T8	3.40	13.0	1	08/29/2025 09:54	WG2590004
Acetylene	U	T8	5.58	20.8	1	08/29/2025 09:54	WG2590004

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	124	T8	5.10	10.0	1	08/29/2025 10:02	WG2590004
Ethane	U	T8	3.40	13.0	1	08/29/2025 10:02	WG2590004
Ethene	U	T8	3.40	13.0	1	08/29/2025 10:02	WG2590004
Acetylene	U	T8	5.58	20.8	1	08/29/2025 10:02	WG2590004

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	U	T8	5.10	10.0	1	08/29/2025 10:05	WG2590004
Ethane	U	T8	3.40	13.0	1	08/29/2025 10:05	WG2590004
Ethene	U	T8	3.40	13.0	1	08/29/2025 10:05	WG2590004
Acetylene	U	T8	5.58	20.8	1	08/29/2025 10:05	WG2590004

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	U	T8	5.10	10.0	1	08/29/2025 10:08	WG2590004
Ethane	U	T8	3.40	13.0	1	08/29/2025 10:08	WG2590004
Ethene	U	T8	3.40	13.0	1	08/29/2025 10:08	WG2590004
Acetylene	U	T8	5.58	20.8	1	08/29/2025 10:08	WG2590004

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	292	T8	5.10	10.0	1	08/29/2025 10:37	WG2590004
Ethane	U	T8	3.40	13.0	1	08/29/2025 10:37	WG2590004
Ethene	U	T8	3.40	13.0	1	08/29/2025 10:37	WG2590004
Acetylene	U	T8	5.58	20.8	1	08/29/2025 10:37	WG2590004

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	466	T8	5.10	10.0	1	08/29/2025 09:00	WG2590008
Ethane	7.84	J T8	3.40	13.0	1	08/29/2025 09:00	WG2590008
Ethene	U	T8	3.40	13.0	1	08/29/2025 09:00	WG2590008
Acetylene	U	T8	5.58	20.8	1	08/29/2025 09:00	WG2590008

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	U	T8	5.10	10.0	1	08/29/2025 09:04	WG2590008
Ethane	U	T8	3.40	13.0	1	08/29/2025 09:04	WG2590008
Ethene	U	T8	3.40	13.0	1	08/29/2025 09:04	WG2590008
Acetylene	U	T8	5.58	20.8	1	08/29/2025 09:04	WG2590008

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	92.9	T8	5.10	10.0	1	08/29/2025 09:09	WG2590008
Ethane	U	T8	3.40	13.0	1	08/29/2025 09:09	WG2590008
Ethene	U	T8	3.40	13.0	1	08/29/2025 09:09	WG2590008
Acetylene	U	T8	5.58	20.8	1	08/29/2025 09:09	WG2590008

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	U	T8	5.10	10.0	1	08/29/2025 09:13	WG2590008
Ethane	U	T8	3.40	13.0	1	08/29/2025 09:13	WG2590008
Ethene	U	T8	3.40	13.0	1	08/29/2025 09:13	WG2590008
Acetylene	U	T8	5.58	20.8	1	08/29/2025 09:13	WG2590008

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	74.6	T8	5.10	10.0	1	08/29/2025 09:28	WG2590008
Ethane	U	T8	3.40	13.0	1	08/29/2025 09:28	WG2590008
Ethene	U	T8	3.40	13.0	1	08/29/2025 09:28	WG2590008
Acetylene	U	T8	5.58	20.8	1	08/29/2025 09:28	WG2590008

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	U	T8	5.10	10.0	1	08/29/2025 09:34	WG2590008
Ethane	U	T8	3.40	13.0	1	08/29/2025 09:34	WG2590008
Ethene	U	T8	3.40	13.0	1	08/29/2025 09:34	WG2590008
Acetylene	U	T8	5.58	20.8	1	08/29/2025 09:34	WG2590008

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Method Blank (MB)

(MB) R4266041-2 08/29/25 08:48

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Methane	U		5.10	10.0
Ethane	U		3.40	13.0
Ethene	U		3.40	13.0
Acetylene	U		5.58	20.8

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1889442-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1889442-03 08/29/25 10:05 • (DUP) R4266041-3 08/29/25 10:44

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	U	U	1	0.000		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20
Acetylene	U	U	1	0.000		20

L1891405-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1891405-13 08/29/25 10:54 • (DUP) R4266041-4 08/29/25 12:01

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	U	U	1	0.000		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20
Acetylene	U	U	1	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4266041-1 08/29/25 08:40 • (LCSD) R4266041-5 08/29/25 12:16

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	65.5	59.9	96.6	88.3	85.0-115			8.93	20
Ethane	129	114	111	88.4	86.0	85.0-115			2.67	20
Ethene	127	111	109	87.4	85.8	85.0-115			1.82	20
Acetylene	208	188	189	90.4	90.9	85.0-115			0.531	20

Method Blank (MB)

(MB) R4266091-2 08/29/25 08:47

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Methane	U		5.10	10.0
Ethane	U		3.40	13.0
Ethene	U		3.40	13.0
Acetylene	U		5.58	20.8

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1889442-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1889442-11 08/29/25 09:34 • (DUP) R4266091-3 08/29/25 11:16

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	U	U	1	0.000		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20
Acetylene	U	U	1	0.000		20

L1891651-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1891651-01 08/29/25 11:44 • (DUP) R4266091-4 08/29/25 13:31

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	U	U	1	0.000		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20
Acetylene	U	U	1	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4266091-1 08/29/25 08:39 • (LCSD) R4266091-11 08/29/25 14:25

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	68.5	62.6	101	92.3	85.0-115			9.00	20
Ethane	129	119	117	92.2	90.7	85.0-115			1.69	20
Ethene	127	112	110	88.2	86.6	85.0-115			1.80	20
Acetylene	208	185	184	88.9	88.5	85.0-115			0.542	20

L1889442-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1889442-09 08/29/25 09:13 • (MS) R4266091-5 08/29/25 13:40 • (MSD) R4266091-6 08/29/25 13:47

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Methane	67.8	U	78.5	81.4	116	120	1	50.0-150			3.63	20
Ethane	129	U	131	133	102	103	1	50.0-150			1.52	20
Ethene	127	U	124	125	97.6	98.4	1	50.0-150			0.803	20
Acetylene	208	U	209	210	100	101	1	50.0-150			0.477	20

1 Cp

2 Tc

3 Ss

4 Cn

L1889442-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1889442-10 08/29/25 09:28 • (MS) R4266091-7 08/29/25 13:55 • (MSD) R4266091-8 08/29/25 14:02

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Methane	67.8	74.6	153	151	116	113	1	50.0-150			1.32	20
Ethane	129	U	132	128	102	99.2	1	50.0-150			3.08	20
Ethene	127	U	124	121	97.6	95.3	1	50.0-150			2.45	20
Acetylene	208	U	207	204	99.5	98.1	1	50.0-150			1.46	20

5 Sr

6 Qc

7 Gl

8 Al

L1891656-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1891656-01 08/29/25 11:47 • (MS) R4266091-9 08/29/25 14:09 • (MSD) R4266091-10 08/29/25 14:16

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Methane	67.8	U	76.5	72.2	113	106	1	50.0-150			5.78	20
Ethane	129	U	132	130	102	101	1	50.0-150			1.53	20
Ethene	127	U	124	122	97.6	96.1	1	50.0-150			1.63	20
Acetylene	208	U	207	205	99.5	98.6	1	50.0-150			0.971	20

9 Sc

Guide to Reading and Understanding Your Laboratory Report

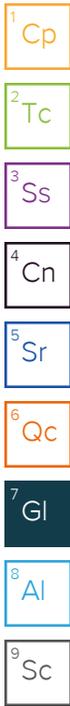
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
T8	Sample(s) received past/too close to holding time expiration.



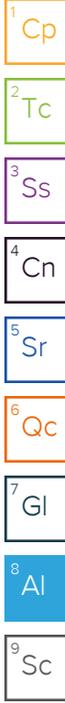
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



K109

	Subcontract Chain of Custody Pace Analytical National 12065 Lebanon Road Mt. Juliet, TN 37122	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Pace Job Number L2551009 </div> <p style="text-align: right;">Page 1 L1989442</p>
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Client Information	Project Information	Regulatory Requirements/Report Limits
Client: Pace Analytical Labs Address: Eight Walkup Drive Westborough, MA 01581-1019 Report To: west.subreports@pacelabs.com Bill To: invoices@pacelabs.coupa.com Phone: 716.427.5229 Email: Melissa.Deyo@pacelabs.com	Project Location: NY Project Manager: Melissa Deyo <div style="border: 1px solid black; padding: 5px; text-align: center;"> Turnaround & Deliverables Information </div> Due Date: Deliverables: ASP Category B Deliverables (Level 4)	State/Federal Program: Regulatory Criteria: NY-AWQS;NY-TOGS-GA Report to MDL

Project Specific Requirements and/or Report Requirements

Reference following Pace Job Number on final report/deliverables: L2551009 Report to include Method and/or Regulatory required batch QC

Additional Comments: MEE+Acetylene

Lab ID	Pace ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Sample Level Comments	Sample Specific QC	Container Count
	L2551009-01	PW-3R-20250813	08-13-25 13:50	WATER	Dissolved Gasses	MEE+Acetylene		3 -01
	L2551009-02	MW-10D-20250813	08-13-25 11:05	WATER	Dissolved Gasses	MEE+Acetylene		3 -02
	L2551009-03	PW-1-20250813	08-13-25 08:35	WATER	Dissolved Gasses	MEE+Acetylene		3 -03
	L2551009-04	ESI-3-20250813	08-13-25 09:15	WATER	Dissolved Gasses	MEE+Acetylene		3 -04
	L2551009-05	ESI-2D-20250813	08-13-25 07:40	WATER	Dissolved Gasses	MEE+Acetylene		3 -05
	L2551009-06	PW-2-20250813	08-13-25 07:00	WATER	Dissolved Gasses	MEE+Acetylene		3 -06
	L2551009-07	ESI-10-20250813	08-13-25 11:45	WATER	Dissolved Gasses	MEE+Acetylene		3 -07
	L2551009-08	ESI-12-20250813	08-13-25 13:05	WATER	Dissolved Gasses	MEE+Acetylene		3 -08
	L2551009-09	MW-15D-20250813	08-13-25 10:00	WATER	Dissolved Gasses	MEE+Acetylene, MS/MSD needed	MS;MSD	9 -08
	L2551009-10	ESI-11-20250813	08-13-25 12:25	WATER	Dissolved Gasses	MEE+Acetylene, MS/MSD needed		3 -09
								-10

CRA 9 2.4-0.1 = 23RK: 8836 0488 5262

Sample Receipt Checklist
 COC Seal Present/Intact: Y N NP If Applicable
 COC Signed/Accurate: Y N VOA Zero Headspace: Y N
 Bottles arrive intact: Y N Pres. Correct/Check: Y N
 Correct bottles used: Y N
 Sufficient volume sent: Y N Condition: NCF OK
 RA Screen <0.5 mR/hr: Y N Count = 39

	Relinquished By:	Date/Time:	Received By:	Date/Time:
	<i>C. Debra</i>		<i>Stewart</i>	8/16/25 9:00am
Form No: AL_subcoc				

L18669442

		Subcontract Chain of Custody Pace Analytical National 12065 Lebanon Road Mt. Juliet, TN 37122				Pace Job Number L2551009				
		Page 2								
Client Information			Project Information			Regulatory Requirements/Report Limits				
Client: Pace Analytical Labs Address: Eight Walkup Drive Westborough, MA 01581-1019 Report To: west.subreports@pacelabs.com Bill To: invoices@pacelabs.couphost.com Phone: 716.427.5229 Email: Melissa.Deyo@pacelabs.com			Project Location: NY Project Manager: Melissa Deyo Turnaround & Deliverables Information Due Date: Deliverables: ASP Category B Deliverables (Level 4)			State/Federal Program: Regulatory Criteria: NY-AWQS;NY-TOGS-GA Report to MDL				
Project Specific Requirements and/or Report Requirements										
Reference following Pace Job Number on final report/deliverables: L2551009 Report to include Method and/or Regulatory required batch QC										
Additional Comments: MEE+Acetylene										
Lab ID	Pace ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Sample Level Comments	Sample Specific QC	Container Count		
	L2551009-11	DUP-01-20250813	08-13-25 10:07	WATER	Dissolved Gasses	MEE+Acetylene, MS/MSD needed		3		
			Relinquished By:		Date/Time:		Received By:		Date/Time:	
			<i>C. Johnson</i>				<i>Stevens</i>		<i>8/16/25 9:00am</i>	
Form No: AL_subcoc										



ANALYTICAL REPORT

Lab Number:	L2549348
Client:	C&S Companies 141 Elm Street, Suite 100 Buffalo, NY 14203
ATTN:	Brian Wasilewski
Phone:	(716) 427-6381
Project Name:	JCC PRR 2025
Project Number:	N30
Report Date:	08/28/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: JCC PRR 2025
Project Number: N30

Lab Number: L2549348
Report Date: 08/28/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2549348-01	ESI-13R_20250806	WATER	JCC	08/06/25 12:40	08/06/25
L2549348-02	ESI-7_20250806	WATER	JCC	08/06/25 14:00	08/06/25
L2549348-03	ESI-1_20250806	WATER	JCC	08/06/25 11:45	08/06/25
L2549348-04	ESI-2_20250806	WATER	JCC	08/06/25 10:00	08/06/25
L2549348-05	ESI-6_20250806	WATER	JCC	08/06/25 10:50	08/06/25

Project Name: JCC PRR 2025
Project Number: N30

Lab Number: L2549348
Report Date: 08/28/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: JCC PRR 2025
Project Number: N30

Lab Number: L2549348
Report Date: 08/28/25

Case Narrative (continued)

Report Revision

August 28, 2025: The Volatile Organics analyte list has been amended.

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

The analysis of Dissolved Gasses was subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Volatile Organics

L2549348-04D: The analysis was performed utilizing a compromised vial.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Caitlin Walukevich

Title: Technical Director/Representative

Date: 08/28/25

ORGANICS

VOLATILES

Project Name: JCC PRR 2025

Lab Number: L2549348

Project Number: N30

Report Date: 08/28/25

SAMPLE RESULTS

Lab ID: L2549348-01
 Client ID: ESI-13R_20250806
 Sample Location: JCC

Date Collected: 08/06/25 12:40
 Date Received: 08/06/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 08/18/25 14:52
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	8.0		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: JCC PRR 2025

Lab Number: L2549348

Project Number: N30

Report Date: 08/28/25

SAMPLE RESULTS

Lab ID: L2549348-01

Date Collected: 08/06/25 12:40

Client ID: ESI-13R_20250806

Date Received: 08/06/25

Sample Location: JCC

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	6.1		ug/l	5.0	1.5	1
Carbon disulfide	4.0	J	ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	114		70-130



Project Name: JCC PRR 2025

Lab Number: L2549348

Project Number: N30

Report Date: 08/28/25

SAMPLE RESULTS

Lab ID: L2549348-02
 Client ID: ESI-7_20250806
 Sample Location: JCC

Date Collected: 08/06/25 14:00
 Date Received: 08/06/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 08/18/25 15:18
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.23	J	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	21		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: JCC PRR 2025

Lab Number: L2549348

Project Number: N30

Report Date: 08/28/25

SAMPLE RESULTS

Lab ID: L2549348-02
 Client ID: ESI-7_20250806
 Sample Location: JCC

Date Collected: 08/06/25 14:00
 Date Received: 08/06/25
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	1.0	J	ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	7.0		ug/l	5.0	1.5	1
Carbon disulfide	3.5	J	ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	112		70-130



Project Name: JCC PRR 2025**Lab Number:** L2549348**Project Number:** N30**Report Date:** 08/28/25**SAMPLE RESULTS**

Lab ID: L2549348-03
 Client ID: ESI-1_20250806
 Sample Location: JCC

Date Collected: 08/06/25 11:45
 Date Received: 08/06/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 08/18/25 15:44
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	3.1		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: JCC PRR 2025

Lab Number: L2549348

Project Number: N30

Report Date: 08/28/25

SAMPLE RESULTS

Lab ID: L2549348-03
 Client ID: ESI-1_20250806
 Sample Location: JCC

Date Collected: 08/06/25 11:45
 Date Received: 08/06/25
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	14		ug/l	5.0	1.5	1
Carbon disulfide	3.2	J	ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	111		70-130



Project Name: JCC PRR 2025

Lab Number: L2549348

Project Number: N30

Report Date: 08/28/25

SAMPLE RESULTS

Lab ID: L2549348-04
 Client ID: ESI-2_20250806
 Sample Location: JCC

Date Collected: 08/06/25 10:00
 Date Received: 08/06/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 08/18/25 16:11
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	220	E	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	0.52		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	2.2	J	ug/l	2.5	0.70	1
Trichloroethene	5.6		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: JCC PRR 2025

Lab Number: L2549348

Project Number: N30

Report Date: 08/28/25

SAMPLE RESULTS

Lab ID: L2549348-04
 Client ID: ESI-2_20250806
 Sample Location: JCC

Date Collected: 08/06/25 10:00
 Date Received: 08/06/25
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	450	E	ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	27		ug/l	5.0	1.5	1
Carbon disulfide	2.9	J	ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	115		70-130



Project Name: JCC PRR 2025**Lab Number:** L2549348**Project Number:** N30**Report Date:** 08/28/25**SAMPLE RESULTS**

Lab ID: L2549348-04 D

Date Collected: 08/06/25 10:00

Client ID: ESI-2_20250806

Date Received: 08/06/25

Sample Location: JCC

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 08/20/25 03:03

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Vinyl chloride	150		ug/l	10	0.71	10
cis-1,2-Dichloroethene	400		ug/l	25	7.0	10
Surrogate				% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4				113		70-130
Toluene-d8				98		70-130
4-Bromofluorobenzene				95		70-130
Dibromofluoromethane				114		70-130

Project Name: JCC PRR 2025

Lab Number: L2549348

Project Number: N30

Report Date: 08/28/25

SAMPLE RESULTS

Lab ID: L2549348-05
 Client ID: ESI-6_20250806
 Sample Location: JCC

Date Collected: 08/06/25 10:50
 Date Received: 08/06/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 08/18/25 16:38
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.27	J	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	1.2	J	ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.62	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1



Project Name: JCC PRR 2025

Lab Number: L2549348

Project Number: N30

Report Date: 08/28/25

SAMPLE RESULTS

Lab ID: L2549348-05
 Client ID: ESI-6_20250806
 Sample Location: JCC

Date Collected: 08/06/25 10:50
 Date Received: 08/06/25
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	1.0	J	ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	20		ug/l	5.0	1.5	1
Carbon disulfide	2.5	J	ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	116		70-130



Project Name: JCC PRR 2025
Project Number: N30

Lab Number: L2549348
Report Date: 08/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/18/25 09:57
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2104741-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70

Project Name: JCC PRR 2025
Project Number: N30

Lab Number: L2549348
Report Date: 08/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/18/25 09:57
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2104741-5					
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70



Project Name: JCC PRR 2025
Project Number: N30

Lab Number: L2549348
Report Date: 08/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/18/25 09:57
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2104741-5					
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	106		70-130

Project Name: JCC PRR 2025
Project Number: N30

Lab Number: L2549348
Report Date: 08/28/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/19/25 21:57
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG2105069-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70

Project Name: JCC PRR 2025
Project Number: N30

Lab Number: L2549348
Report Date: 08/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/19/25 21:57
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG2105069-5					
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70

Project Name: JCC PRR 2025
Project Number: N30

Lab Number: L2549348
Report Date: 08/28/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/19/25 21:57
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG2105069-5					
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	108		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: JCC PRR 2025

Lab Number: L2549348

Project Number: N30

Report Date: 08/28/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2104741-3 WG2104741-4								
Methylene chloride	99		96		70-130	3		20
1,1-Dichloroethane	120		120		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		99		63-132	1		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	94		93		63-130	1		20
1,1,2-Trichloroethane	100		99		70-130	1		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	110		120		70-130	9		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	91		92		70-130	1		20
cis-1,3-Dichloropropene	95		96		70-130	1		20
Bromoform	86		83		54-136	4		20
1,1,1,2-Tetrachloroethane	88		86		67-130	2		20
Benzene	110		100		70-130	10		20
Toluene	98		99		70-130	1		20

Lab Control Sample Analysis Batch Quality Control

Project Name: JCC PRR 2025

Lab Number: L2549348

Project Number: N30

Report Date: 08/28/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2104741-3 WG2104741-4								
Ethylbenzene	96		98		70-130	2		20
Chloromethane	110		110		64-130	0		20
Bromomethane	75		74		39-139	1		20
Vinyl chloride	130		120		55-140	8		20
Chloroethane	180	Q	170	Q	55-138	6		20
1,1-Dichloroethene	100		95		61-145	5		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	95		95		70-130	0		20
1,3-Dichlorobenzene	98		97		70-130	1		20
1,4-Dichlorobenzene	99		96		70-130	3		20
Methyl tert butyl ether	89		89		63-130	0		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	100		95		70-130	5		20
Dichlorodifluoromethane	110		100		36-147	10		20
Acetone	110		110		58-148	0		20
Carbon disulfide	110		100		51-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: JCC PRR 2025

Lab Number: L2549348

Project Number: N30

Report Date: 08/28/25

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2104741-3 WG2104741-4								
2-Butanone	110		100		63-138	10		20
4-Methyl-2-pentanone	87		88		59-130	1		20
2-Hexanone	83		85		57-130	2		20
1,2-Dibromoethane	97		96		70-130	1		20
n-Butylbenzene	90		92		53-136	2		20
sec-Butylbenzene	93		93		70-130	0		20
tert-Butylbenzene	90		91		70-130	1		20
1,2-Dibromo-3-chloropropane	73		73		41-144	0		20
Isopropylbenzene	92		93		70-130	1		20
p-Isopropyltoluene	90		93		70-130	3		20
Naphthalene	56	Q	58	Q	70-130	4		20
n-Propylbenzene	91		93		69-130	2		20
1,2,4-Trichlorobenzene	85		88		70-130	3		20
1,3,5-Trimethylbenzene	92		94		64-130	2		20
1,2,4-Trimethylbenzene	94		93		70-130	1		20
Methyl Acetate	110		98		70-130	12		20
Cyclohexane	110		110		70-130	0		20
Freon-113	110		110		70-130	0		20
Methyl cyclohexane	98		95		70-130	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: JCC PRR 2025

Project Number: N30

Lab Number: L2549348

Report Date: 08/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2104741-3 WG2104741-4

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	124		121		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	90		91		70-130
Dibromofluoromethane	107		106		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: JCC PRR 2025

Lab Number: L2549348

Project Number: N30

Report Date: 08/28/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG2105069-3 WG2105069-4								
Methylene chloride	97		94		70-130	3		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	96		97		70-130	1		20
Dibromochloromethane	97		98		63-130	1		20
1,1,2-Trichloroethane	96		96		70-130	0		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	99		100		75-130	1		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	97		100		67-130	3		20
trans-1,3-Dichloropropene	86		88		70-130	2		20
cis-1,3-Dichloropropene	97		99		70-130	2		20
Bromoform	90		92		54-136	2		20
1,1,2,2-Tetrachloroethane	90		91		67-130	1		20
Benzene	100		100		70-130	0		20
Toluene	99		97		70-130	2		20

Lab Control Sample Analysis Batch Quality Control

Project Name: JCC PRR 2025

Lab Number: L2549348

Project Number: N30

Report Date: 08/28/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG2105069-3 WG2105069-4								
Ethylbenzene	100		100		70-130	0		20
Chloromethane	110		110		64-130	0		20
Bromomethane	110		110		39-139	0		20
Vinyl chloride	100		100		55-140	0		20
Chloroethane	97		95		55-138	2		20
1,1-Dichloroethene	100		99		61-145	1		20
trans-1,2-Dichloroethene	98		99		70-130	1		20
Trichloroethene	98		96		70-130	2		20
1,2-Dichlorobenzene	96		98		70-130	2		20
1,3-Dichlorobenzene	98		98		70-130	0		20
1,4-Dichlorobenzene	96		98		70-130	2		20
Methyl tert butyl ether	88		89		63-130	1		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	105		100		70-130	5		20
cis-1,2-Dichloroethene	99		99		70-130	0		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	95		94		36-147	1		20
Acetone	92		92		58-148	0		20
Carbon disulfide	99		99		51-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: JCC PRR 2025

Lab Number: L2549348

Project Number: N30

Report Date: 08/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG2105069-3 WG2105069-4								
2-Butanone	85		74		63-138	14		20
4-Methyl-2-pentanone	73		80		59-130	9		20
2-Hexanone	69		79		57-130	14		20
1,2-Dibromoethane	94		97		70-130	3		20
n-Butylbenzene	99		99		53-136	0		20
sec-Butylbenzene	98		98		70-130	0		20
tert-Butylbenzene	97		97		70-130	0		20
1,2-Dibromo-3-chloropropane	78		81		41-144	4		20
Isopropylbenzene	94		96		70-130	2		20
p-Isopropyltoluene	99		99		70-130	0		20
Naphthalene	77		79		70-130	3		20
n-Propylbenzene	98		98		69-130	0		20
1,2,4-Trichlorobenzene	94		94		70-130	0		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
Methyl Acetate	78		89		70-130	13		20
Cyclohexane	100		98		70-130	2		20
Freon-113	100		100		70-130	0		20
Methyl cyclohexane	87		86		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: JCC PRR 2025

Project Number: N30

Lab Number: L2549348

Report Date: 08/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG2105069-3 WG2105069-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	110		109		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	96		95		70-130
Dibromofluoromethane	104		102		70-130

Project Name: JCC PRR 2025

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Report Date: 08/28/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler **Custody Seal**
A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2549348-01A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2549348-01B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2549348-01C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2549348-01D	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2549348-01E	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2549348-01F	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2549348-02A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2549348-02B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2549348-02C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2549348-02D	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2549348-02E	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2549348-02F	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2549348-03A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2549348-03B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2549348-03C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2549348-03D	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2549348-03E	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2549348-03F	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2549348-04A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2549348-04B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2549348-04C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2549348-04D	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2549348-04E	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)

*Values in parentheses indicate holding time in days



Project Name: JCC PRR 2025

Project Number: N30

Serial_No:08282515:11

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2549348-04F	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2549348-05A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2549348-05B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2549348-05C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2549348-05D	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2549348-05E	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)
L2549348-05F	Vial HCl preserved	NA	NA			Y	Absent		SUB-DISSGAS(14)

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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers



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Data Qualifiers

estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: JCC PRR 2025
Project Number: N30

Lab Number: L2549348
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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

MADEP-APH.

Nonpotable Water: EPA RSK-175 Dissolved Gases

Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1: Hg. **EPA 245.7:** Hg.

SM2340B

Pace Analytical Services LLC

ID No.:17873

Facility: **Northeast**

Revision 28

Department: **Quality Assurance**

Published Date: 07/25/2025

Title: **Certificate/Approval Program Summary**

Page 2 of 2

Certification IDs:**Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

CT PH-0826, IL 200077, IN C-MA-03, KY KY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.



Sample Delivery Group Summary

Pace Job Number : L2549348

Received : 06-AUG-2025

Account Name : C&S Companies

Reviewer : Maile Kolton

Project Number : N30

Project Name : JCC PRR 2025

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.5	

Condition Information

- | | |
|--|------------|
| 1) All samples on COC received? | YES |
| 2) Extra samples received? | NO |
| 3) Are there any sample container discrepancies? | NO |
| 4) Are there any discrepancies between COC & sample labels? | NO |
| 5) Are samples in appropriate containers for requested analysis? | YES |
| 6) Are samples properly preserved for requested analysis? | YES |
| 7) Are samples within holding time for requested analysis? | YES |
| 8) All sampling equipment returned? | NA |

Volatile Organics/VPH

- | | |
|--|-----------|
| 1) Reagent Water Vials Frozen by Client? | NO |
|--|-----------|



ANALYTICAL REPORT

August 12, 2025

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Pace Analytical (Alpha) - Westborough, MA

Sample Delivery Group: L1886884
 Samples Received: 08/09/2025
 Project Number: L2549348
 Description: L2549348

Report To: Candace Fox
 8 Walkup Drive
 Westborough, MA 01581

Entire Report Reviewed By:

Brigit Gillespie

Brigit Gillespie
 Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

Cp: Cover Page	1	
Tc: Table of Contents	2	
Ss: Sample Summary	3	
Cn: Case Narrative	4	
Sr: Sample Results	5	
ESI-13R-20250806 L1886884-01	5	
ESI-7-20250806 L1886884-02	6	
ESI-1-20250806 L1886884-03	7	
ESI-2-20250806 L1886884-04	8	
ESI-6-20250806 L1886884-05	9	
Qc: Quality Control Summary	10	
Volatile Organic Compounds (GC) by Method RSK175	10	
Gl: Glossary of Terms	11	
Al: Accreditations & Locations	12	
Sc: Sample Chain of Custody	13	

SAMPLE SUMMARY

Serial_No:08282515:11

ESI-13R-20250806 L1886884-01

Collected by
Collected date/time
Received date/time

08/06/25 12:40
08/09/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2576404	1	08/11/25 12:28	08/11/25 12:28	CCM	Mt. Juliet, TN

1
Cp

2
Tc

3
Ss

ESI-7-20250806 L1886884-02

Collected by
Collected date/time
Received date/time

08/06/25 14:00
08/09/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2576404	1	08/11/25 13:59	08/11/25 13:59	CCM	Mt. Juliet, TN

4
Cn

5
Sr

ESI-1-20250806 L1886884-03

Collected by
Collected date/time
Received date/time

08/06/25 11:45
08/09/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2576404	1	08/11/25 14:01	08/11/25 14:01	CCM	Mt. Juliet, TN

6
Qc

7
Gl

ESI-2-20250806 L1886884-04

Collected by
Collected date/time
Received date/time

08/06/25 10:00
08/09/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2576404	1	08/11/25 14:04	08/11/25 14:04	CCM	Mt. Juliet, TN

8
Al

9
Sc

ESI-6-20250806 L1886884-05

Collected by
Collected date/time
Received date/time

08/06/25 10:50
08/09/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2576404	1	08/11/25 14:16	08/11/25 14:16	CCM	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Brigit Gillespie
Project Manager

- ¹ Cp
- ² Tc
- ³ Ss
- ⁴ Cn
- ⁵ Sr
- ⁶ Qc
- ⁷ Gl
- ⁸ Al
- ⁹ Sc

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	U		5.10	10.0	1	08/11/2025 12:28	WG2576404
Ethane	U		3.40	13.0	1	08/11/2025 12:28	WG2576404
Ethene	U		3.40	13.0	1	08/11/2025 12:28	WG2576404

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	U		5.10	10.0	1	08/11/2025 13:59	WG2576404
Ethane	U		3.40	13.0	1	08/11/2025 13:59	WG2576404
Ethene	U		3.40	13.0	1	08/11/2025 13:59	WG2576404

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	U		5.10	10.0	1	08/11/2025 14:01	WG2576404
Ethane	U		3.40	13.0	1	08/11/2025 14:01	WG2576404
Ethene	U		3.40	13.0	1	08/11/2025 14:01	WG2576404

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	497		5.10	10.0	1	08/11/2025 14:04	WG2576404
Ethane	3.84	J	3.40	13.0	1	08/11/2025 14:04	WG2576404
Ethene	U		3.40	13.0	1	08/11/2025 14:04	WG2576404

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	47.7		5.10	10.0	1	08/11/2025 14:16	WG2576404
Ethane	U		3.40	13.0	1	08/11/2025 14:16	WG2576404
Ethene	U		3.40	13.0	1	08/11/2025 14:16	WG2576404

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

51 Method Blank (MB)

(MB) R4256951-2 08/11/25 09:37

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Methane	U	5.10	10.0	
Ethane	U	3.40	13.0	
Ethene	U	3.40	13.0	

L1886497-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1886497-01 08/11/25 09:41 • (DUP) R4256951-3 08/11/25 11:28

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	U	U	1	0.000		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

L1886884-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1886884-01 08/11/25 12:28 • (DUP) R4256951-4 08/11/25 14:26

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	U	U	1	0.000		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4256951-1 08/11/25 09:33 • (LCSD) R4256951-5 08/11/25 14:29

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Methane	67.8	71.0	69.8	105	103	85.0-115			1.70	20
Ethane	129	125	119	96.9	92.2	85.0-115			4.92	20
Ethene	127	123	115	96.9	90.6	85.0-115			6.72	20

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

J	The identification of the analyte is acceptable; the reported value is an estimate.
---	---



Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey-NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio-VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



D095

Pace		Subcontract Chain of Custody Pace Analytical National 12065 Lebanon Road Mt. Juliet, TN 37122		Pace Job Number L2549348				
Client Information		Project Information		Regulatory Requirements/Report Limits				
Client: Pace Analytical Labs Address: Eight Walkup Drive Westborough, MA 01581-1019 Report To: west.subreports@pacelabs.com Bill To: invoices@pacelabs.coupaost.com Phone: 716-427-5223 Email: Candace.Fox@pacelabs.com		Project Location: NY Project Manager: Candace Fox Turnaround & Deliverables Information Due Date: Deliverables: ASP Category B Deliverables (Level 4)		State/Federal Program: Regulatory Criteria: NY-AWQS, NY-TOGS-GA Report to MDL				
Project Specific Requirements and/or Report Requirements								
Reference following Pace Job Number on final report/deliverables: L2549348 Report to include Method and/or Regulatory required batch QC								
Additional Comments:								
Lab ID	Pace ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Sample Level Comments	Sample Specific QC	Container Count
L2549348-01		ESI-13R_20250806	08-06-25 12:40	WATER	Dissolved Gasses			3
L2549348-02		ESI-7_20250806	08-06-25 14:00	WATER	Dissolved Gasses			3
L2549348-03		ESI-1_20250806	08-06-25 11:45	WATER	Dissolved Gasses			3
L2549348-04		ESI-2_20250806	08-06-25 10:00	WATER	Dissolved Gasses			3
L2549348-05		ESI-6_20250806	08-06-25 10:50	WATER	Dissolved Gasses			3
Sample Receipt Checklist COC Seal Present/Intact: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> If Applicable COC Signed/Accurate: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> VOA Zero Headspace: <input type="checkbox"/> Y <input type="checkbox"/> N Bottles arrive intact: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Pres. Correct/Check: <input type="checkbox"/> Y <input type="checkbox"/> N Correct bottles used: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Condition: <input type="checkbox"/> NCF <input checked="" type="checkbox"/> OK Sufficient volume sent: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Containers: 15 RA Screen <0.5 mR/hr: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N								
Relinquished By: <i>C. Crean</i>			Received By: <i>D. Stend</i>			Date/Time: 08-09-25 04:5		
Form No: AL_subcoc								

DATA USABILITY SUMMARY REPORT (DUSR)

**JCC PRR 2025
Jamestown, NY
Project #: N30**

SDG: L2549348
5 Water Samples

Prepared for:

**C&S Companies
141 Elm Street, Suite 100
Buffalo, NY 14203
Attention: Brian Wasilewski**

September 2025



Environmental Data Usability 10028 Deer Park Dr. Dansville, NY 14437 585-991-9156

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2.0 INTRODUCTION	1
3.0 SAMPLE AND ANALYSIS SUMMARY	2
4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA	2
5.0 DATA VALIDATION QUALIFIERS	3
6.0 RESULTS OF THE DATA REVIEW	4
7.0 TOTAL USABLE DATA	4
<hr/>	
APPENDIX A	Validated Analytical Results
APPENDIX B	Laboratory QC Documentation
APPENDIX C	Validator Qualifications

Tables

Table 4-1	Data Validation Guidance Documents
Table 4-2	Quality Control Criteria for Validating Laboratory Analytical Data

Summaries of Validated Results

Table 6-1	8260 - VOCs
Table 6-2	RSK175 - Dissolved Gases

REVIEWER'S NARRATIVE
C&S Companies SDG L2549348 – JCC PRR 2025

The data associated with this Sample Delivery Group (SDG) L2549348, analyzed by Pace Analytical, Westborough, MA have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Reviewer's Signature: Michael K. Perry Date: 9/9/2025
Michael K. Perry
Chemist

1.0 EVENT SUMMARY

SITE:	JCC PRR 2025 Jamestown, NY Project #: N30
SAMPLING DATE:	August 06, 2025
SAMPLE TYPE:	5 water samples
LABORATORY:	Pace Analytical Westborough, MA
SDG No.:	L2549348

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

- Completeness of the data package as defined under the requirements of the NYSDEC Analytical Services Protocols (ASP) Category B or the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) deliverables,
- Compliance with established analyte holding times,
- Adherence to quality control (QC) limits and specifications for blanks, instrument tuning and calibration, surrogate recoveries, spike recoveries, laboratory duplicate analyses, and other QC criteria,
- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYSIS SUMMARY

The data package consists of analytical results for 5 water samples collected on August 06, 2025. These samples were analyzed for Volatile Organic Compounds (VOCs) and Dissolved Gases.

All laboratory analyses were submitted to Pace Analytical, Westborough, MA and analyzed as SDG L2549348. The Dissolved Gases were subcontracted to Pace Analytical, Mt. Juliet, TN and analyzed as SDG L1886884. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents appropriate for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results were selected from those listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

The QC criteria considered for assessing the usability of the reported analytical results provided for each analyte type (i.e. VOCs, SVOCs, metals, etc.) are listed in Table 4-2. These criteria may vary with the analytical method utilized by the laboratory. These criteria comply with the guidance recommended in Section 2.0 above.

5.0 DATA VALIDATION QUALIFIERS

The letter qualifiers (flags) used to define data usability are described briefly below. These letters are assigned by the data validator to analytical results having questionable accuracy and/or precision as determined by reviewing the laboratory QC data associated with the analytical results.

TABLE 4-1

Guidance Used For Validating Laboratory Analytical Data

Analyte Group	Guidance	Date
Metals (ICP-AES)	USEPA SOP HW-3a, Rev. 1	September 2016
Metals (Hg & CN)	USEPA SOP HW-3c, Rev. 1	September 2016
Volatile Organic Compounds (by Methods 8260B & 8260C)	USEPA SOP HW-24, Rev. 4	September 2014
Semi-Volatile Organic Compounds (by Method 8270D)	USEPA SOP HW-22 Rev. 5	December 2010
Pesticides (by Method 8181B)	USEPA SOP HW-44, Rev. 1.1	December 2010
Chlorinated Herbicides (by Method 8151A)	USEPA SOP HW-17, Rev. 3.1	December 2010
Polychlorinated Biphenyls (PCBs)	USEPA SOP HW-37A, Rev. 0	June 2015
Volatile Organic Compounds (Air) (by Method TO-15)	USEPA SOP HW-31, Rev. 6	September 2016
Per- and PolyFluoroAlkyl Substances (PFAS)	* NYSDEC	January 2021
	** US Dept. of Defense	November 2022
Radiological Analysis		
Uranium	USEPA Method 908.0	June 1999
Radium-226	USEPA Method 903.1	1980
General Chemistry Parameters	per NYSDEC ASP	July 2005

* Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, Appendix I

** Data Validation Guidelines Module 6: Data Validation Procedures for Per- and Polyfluoroalkyl Substances Analysis by QSM Table B-24

TABLE 4-2

**QUALITY CONTROL CRITERIA USED FOR VALIDATING
LABORATORY ANALYTICAL DATA**

VOCs	SVOCs	Pesticides/PCBs	Metals	Gen Chemistry	PFAS
Completeness of Pkg Sample Preservation Holding Time System Monitoring Compounds Lab Control Sample Matrix Spikes Blanks Instrument Tuning Internal Standards Initial Calibration Continuing Calibration Lab Qualifiers Field Duplicate	Completeness of Pkg Sample Preservation Holding Time Surrogate Recoveries Lab Control Sample Matrix Spikes Blanks Instrument Tuning Internal Standards Initial Calibration Continuing Calibration Lab Qualifiers Field Duplicate	Completeness of Pkg Sample Preservation Holding Time Surrogate Recoveries Matrix Spikes Blanks Instrument Calibration & Verification Comparison of duplicate GC column results Analyte ID Lab Qualifiers Field Duplicate	Completeness of Pkg Sample Preservation Holding Time Initial/Continuing Calibration CRDL Standards Blanks Interference Check Sample Spike Recoveries Lab Duplicate Lab Control Sample ICP Serial Dilutions Lab Qualifiers Field Duplicate	Completeness of Pkg Sample Preservation Holding Times Calibration Lab Control Samples Blanks Spike Recoveries Lab Duplicates	Completeness of Pkg Sample Preservation Holding Time Instr Performance Check Initial Calibration Continuing Calibration Blanks Surrogates Lab Fortified Blank Matrix Spikes Internal Standards

Method TO-15 (Air)	Radiological (U and Ra)
Completeness of Pkg Sample Preservation Holding Time Canister Certification Instrument Tuning Initial Calibration and Instrument Performance Daily Calibration Blanks Lab Control Sample Field Duplicate	Completeness of Pkg Sample Preservation Holding Time Sample Specific Yield Required Detection Limit Laboratory Control Sample Matrix Spikes Method Blank Instrument Calibration

The laboratory may also use various letters and symbols to flag analytical results generated when QC limits were exceeded. The meanings of these flags may differ from those used by the independent data validator. Those used by the laboratory are provided with the analytical results.

NOTE: The assignment of data qualifiers by the data reviewer (validator) to laboratory analytical results should not necessarily be interpreted by the data user as a measure of laboratory ability or proficiency. Rather, the qualifiers are intended to provide a measure of data accuracy and precision to the data user, which, for example, may provide a level of confidence in determining whether or not standards or cleanup objectives have been met.

- U** The analyte was analyzed for but was not detected at or above the sample quantitation limit.
- J** The analyte was positively identified; the associated numerical value is the *approximate* concentration of the analyte in the sample. (The magnitude of any \pm value associated with the result is not determined by data validation).
- J+** The result is an estimated quantity and may be biased high.
- J-** The result is an estimated quantity and may be biased low.
- UJ** The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
- R** The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
- NJ** The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated in red print. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the data review are summarized in Tables 6-1 through 6-2. The tables list the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDG L2549348, 5 samples were analyzed and results were reported for 280 analytes. Five results were rejected. Even though some results were flagged with a “J” as estimated, all other results (98.2 %) are considered usable. See the summary table for the analyses that have been rejected and qualified and the associated QC reasons.

Table 6-1 **VOCs**

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
All samples	1,4-Dioxane	J detects R non-detects	ICAL RF < 0.005	All non-detects are rejected
All samples	Acetone	J detects UJ non-detects	ICAL RF <0.05	Data are estimated
All samples	Vinyl chloride Bromomethane Chloroethane 1,2-Dibromo-3-chloropropane 1,2,3-Trichlorobenzene	J detects UJ non-detects	CCV % D > 20 % QC limit	Data are estimated
ESI-2_20250806	Vinyl chloride cis-1,2-Dichloroethene	J detects	Over range "E" flagged values	Data are estimated

Table 6-2 **RSK175**

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none		none		

ACRONYMS

BSP	Blank Spike
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
%D	Percent Difference
ICAL	Initial Calibration
ICB	Initial Calibration Blank
IS	Internal Standard
LCS	Laboratory Control Sample
MS/MSD	Matrix Spike/Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
%R	Percent recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
%RSD	Percent Relative Standard Deviation
TAL	Target Analyte List (metals)
TCL	Target Compound List (organics)

Appendix A

*Validated
Analytical
Results*



Pace Analytical Services

Laboratory Code: 11148

SDG Number: L2549348

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Project Name: JCC PRR 2025
Project Number: N30

Lab Number: L2549348
Report Date: 08/21/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2549348-01	ESI-13R_20250806	WATER	JCC	08/06/25 12:40	08/06/25
L2549348-02	ESI-7_20250806	WATER	JCC	08/06/25 14:00	08/06/25
L2549348-03	ESI-1_20250806	WATER	JCC	08/06/25 11:45	08/06/25
L2549348-04	ESI-2_20250806	WATER	JCC	08/06/25 10:00	08/06/25
L2549348-05	ESI-6_20250806	WATER	JCC	08/06/25 10:50	08/06/25



Project Name: JCC PRR 2025
Project Number: N30

Lab Number: L2549348
Report Date: 08/21/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

The analysis of Dissolved Gasses was subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Volatile Organics

L2549348-04D: The analysis was performed utilizing a compromised vial.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: *Kelley Malf*
Title: Technical Director/Representative

Report Date: 08/21/25





**NEW YORK
CHAIN OF
CUSTODY**

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers

Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page

1 of 1

Date Rec'd
in Lab

8/17/25

Pa

**L2549348
C&SCOMP**

Project Information

Project Name: A30-JCC PRR 2025

Project Location: JCC

Project # N30

(Use Project name as Project #)

Project Manager:

PACE Quote #:

Turn-Around Time

Standard

Due Date:

Rush (only if pre approved)

of Days:

Deliverables

ASP-A ASP-B
 EQuIS (1 File) EQuIS (4 File)
 Other

Billing Information

Same as Client Info

PO #

Regulatory Requirement

NY TOGS NY Part 375
 AWQ Standards NY CP-51
 NY Restricted Use Other
 NY Unrestricted Use
 NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:

NJ NY
 Other:

Client Information

Client: CTS Building

Address: 141 Elm St - 1

Buffalo

Phone: 716-474-9059

Fax:

Email: brasilski@csco.com

These samples have been previously analyzed by Pace

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration

Done
 Lab to do
 Preservation
 Lab to do

(Please Specify below)

Sample Specific Comments

PACE Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Analysis	Filtration	Comments
		Date	Time					
49398-01	ESI-13R-20250806	8/16/2025	1240	Water	BW	✓	✓	
02	ESI-7-20250806		1400		BW	✓	✓	
03	ESI-1-20250806		1145		BW	✓	✓	
04	ESI-2-20250806		1000		BW	✓	✓	
05	ESI-6-20250806		1058		DN	✓	✓	

Preservative Code:

A = None
B = HCl
C = HNO₃
D = H₂SO₄
E = NaOH
F = MeOH
G = NaHSO₄
H = Na₂S₂O₃
K/E = Zn Ac/NaOH
O = Other

Container Code:

P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935

Mansfield: Certification No: MA015

Container Type

V V

Preservative

B B

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

Relinquished By:	Date/Time	Received By:	Date/Time
<i>Charles O. Pace</i>	8-6-25 16:58	<i>Charles O. Pace</i>	8-6-25 16:58
<i>Russell G. Huber</i>	8-6-25 17:02	<i>Lucretia SL</i>	8-6-25 16:59
	8/17 0300		8/17 0300

GC/MS 8260

Analysis

Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2549348-01
 Client ID : ESI-13R_20250806
 Sample Location : JCC
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250818A19
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2549348
 Project Number : N30
 Date Collected : 08/06/25 12:40
 Date Received : 08/06/25
 Date Analyzed : 08/18/25 14:52
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,1,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U UJ
75-01-4	Vinyl chloride	ND	1.0	0.07	U UJ
75-00-3	Chloroethane	ND	2.5	0.70	U UJ
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

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Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2549348-01
 Client ID : ESI-13R_20250806
 Sample Location : JCC
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250818A19
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2549348
 Project Number : N30
 Date Collected : 08/06/25 12:40
 Date Received : 08/06/25
 Date Analyzed : 08/18/25 14:52
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	8.0	0.50	0.18	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	6.1	5.0	1.5	J
75-15-0	Carbon disulfide	4.0	5.0	1.0	J
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U UJ
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U UJ
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U R

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Results Summary
Form 1
Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2549348-01
 Client ID : ESI-13R_20250806
 Sample Location : JCC
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250818A19
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2549348
 Project Number : N30
 Date Collected : 08/06/25 12:40
 Date Received : 08/06/25
 Date Analyzed : 08/18/25 14:52
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2549348-02
 Client ID : ESI-7_20250806
 Sample Location : JCC
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250818A20
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2549348
 Project Number : N30
 Date Collected : 08/06/25 14:00
 Date Received : 08/06/25
 Date Analyzed : 08/18/25 15:18
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	0.23	0.50	0.18	J
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,1,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U UJ
75-01-4	Vinyl chloride	ND	1.0	0.07	U UJ
75-00-3	Chloroethane	ND	2.5	0.70	U UJ
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2549348-02
 Client ID : ESI-7_20250806
 Sample Location : JCC
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250818A20
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2549348
 Project Number : N30
 Date Collected : 08/06/25 14:00
 Date Received : 08/06/25
 Date Analyzed : 08/18/25 15:18
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	21	0.50	0.18	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	1.0	2.5	0.70	J
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	7.0	5.0	1.5	J
75-15-0	Carbon disulfide	3.5	5.0	1.0	J
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U UJ
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U UJ
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U R

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Results Summary
Form 1
Volatile Organics by GC/MS

Client : C&S Companies Project Name : JCC PRR 2025 Lab ID : L2549348-02 Client ID : ESI-7_20250806 Sample Location : JCC Sample Matrix : WATER Analytical Method : 1,8260D Lab File ID : VG250818A20 Sample Amount : 10 ml Level : LOW Extract Volume (MeOH) : N/A	Lab Number : L2549348 Project Number : N30 Date Collected : 08/06/25 14:00 Date Received : 08/06/25 Date Analyzed : 08/18/25 15:18 Dilution Factor : 1 Analyst : MJV Instrument ID : GONZO GC Column : RTX-502.2 %Solids : N/A Injection Volume : N/A
---	--

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2549348-03
 Client ID : ESI-1_20250806
 Sample Location : JCC
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250818A21
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2549348
 Project Number : N30
 Date Collected : 08/06/25 11:45
 Date Received : 08/06/25
 Date Analyzed : 08/18/25 15:44
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U UJ
75-01-4	Vinyl chloride	ND	1.0	0.07	U UJ
75-00-3	Chloroethane	ND	2.5	0.70	U UJ
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

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Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2549348-03
 Client ID : ESI-1_20250806
 Sample Location : JCC
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250818A21
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2549348
 Project Number : N30
 Date Collected : 08/06/25 11:45
 Date Received : 08/06/25
 Date Analyzed : 08/18/25 15:44
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	3.1	0.50	0.18	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	14	5.0	1.5	J
75-15-0	Carbon disulfide	3.2	5.0	1.0	J
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U UJ
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U UJ
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U R

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Results Summary
Form 1
Volatile Organics by GC/MS

Client : C&S Companies	Lab Number : L2549348
Project Name : JCC PRR 2025	Project Number : N30
Lab ID : L2549348-03	Date Collected : 08/06/25 11:45
Client ID : ESI-1_20250806	Date Received : 08/06/25
Sample Location : JCC	Date Analyzed : 08/18/25 15:44
Sample Matrix : WATER	Dilution Factor : 1
Analytical Method : 1,8260D	Analyst : MJV
Lab File ID : VG250818A21	Instrument ID : GONZO
Sample Amount : 10 ml	GC Column : RTX-502.2
Level : LOW	%Solids : N/A
Extract Volume (MeOH) : N/A	Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2549348-04
 Client ID : ESI-2_20250806
 Sample Location : JCC
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250818A22
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2549348
 Project Number : N30
 Date Collected : 08/06/25 10:00
 Date Received : 08/06/25
 Date Analyzed : 08/18/25 16:11
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,1,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U UJ
75-01-4	Vinyl chloride	220	1.0	0.07	E J
75-00-3	Chloroethane	ND	2.5	0.70	U UJ
75-35-4	1,1-Dichloroethene	0.52	0.50	0.17	

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Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2549348-04
 Client ID : ESI-2_20250806
 Sample Location : JCC
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250818A22
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2549348
 Project Number : N30
 Date Collected : 08/06/25 10:00
 Date Received : 08/06/25
 Date Analyzed : 08/18/25 16:11
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	2.2	2.5	0.70	J
79-01-6	Trichloroethene	5.6	0.50	0.18	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	450	2.5	0.70	E J
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	27	5.0	1.5	J
75-15-0	Carbon disulfide	2.9	5.0	1.0	J
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U UJ
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U UJ
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U R

Results Summary
Form 1
Volatile Organics by GC/MS

Client : C&S Companies Project Name : JCC PRR 2025 Lab ID : L2549348-04 Client ID : ESI-2_20250806 Sample Location : JCC Sample Matrix : WATER Analytical Method : 1,8260D Lab File ID : VG250818A22 Sample Amount : 10 ml Level : LOW Extract Volume (MeOH) : N/A	Lab Number : L2549348 Project Number : N30 Date Collected : 08/06/25 10:00 Date Received : 08/06/25 Date Analyzed : 08/18/25 16:11 Dilution Factor : 1 Analyst : MJV Instrument ID : GONZO GC Column : RTX-502.2 %Solids : N/A Injection Volume : N/A
---	--

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



**Results Summary
Form 1
Volatile Organics by GC/MS**

Client	: C&S Companies	Lab Number	: L2549348
Project Name	: JCC PRR 2025	Project Number	: N30
Lab ID	: L2549348-04D	Date Collected	: 08/06/25 10:00
Client ID	: ESI-2_20250806	Date Received	: 08/06/25
Sample Location	: JCC	Date Analyzed	: 08/20/25 03:03
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V05250819N18	Instrument ID	: VOA105
Sample Amount	: 1 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-01-4	Vinyl chloride	150	10	0.71	
156-59-2	cis-1,2-Dichloroethene	400	25	7.0	



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2549348-05
 Client ID : ESI-6_20250806
 Sample Location : JCC
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250818A23
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2549348
 Project Number : N30
 Date Collected : 08/06/25 10:50
 Date Received : 08/06/25
 Date Analyzed : 08/18/25 16:38
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	0.27	0.50	0.18	J
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	1.2	2.0	0.65	J
79-34-5	1,1,1,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U UJ
75-01-4	Vinyl chloride	0.62	1.0	0.07	J J
75-00-3	Chloroethane	ND	2.5	0.70	U UJ
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

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Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2549348-05
 Client ID : ESI-6_20250806
 Sample Location : JCC
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : VG250818A23
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2549348
 Project Number : N30
 Date Collected : 08/06/25 10:50
 Date Received : 08/06/25
 Date Analyzed : 08/18/25 16:38
 Dilution Factor : 1
 Analyst : MJV
 Instrument ID : GONZO
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	1.0	2.5	0.70	J
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	20	5.0	1.5	J
75-15-0	Carbon disulfide	2.5	5.0	1.0	J
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U UJ
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U UJ
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U R

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**Results Summary
Form 1
Volatile Organics by GC/MS**

Client	: C&S Companies	Lab Number	: L2549348
Project Name	: JCC PRR 2025	Project Number	: N30
Lab ID	: L2549348-05	Date Collected	: 08/06/25 10:50
Client ID	: ESI-6_20250806	Date Received	: 08/06/25
Sample Location	: JCC	Date Analyzed	: 08/18/25 16:38
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VG250818A23	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Subcontracted Data

No data validation qualifiers were added

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Pace Analytical (Alpha) - Westborough, MA

Sample Delivery Group: L1886884
Samples Received: 08/09/2025
Project Number: L2549348
Description: L2549348

Report To: Candace Fox
8 Walkup Drive
Westborough, MA 01581

Entire Report Reviewed By:



Brigit Gillespie
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

SAMPLE SUMMARY

ESI-13R-20250806 L1886884-01

Collected by
Collected date/time
Received date/time

08/06/25 12:40
08/09/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2576404	1	08/11/25 12:28	08/11/25 12:28	CCM	Mt. Juliet, TN

1 Cp

2 Tc

ESI-7-20250806 L1886884-02

Collected by
Collected date/time
Received date/time

08/06/25 14:00
08/09/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2576404	1	08/11/25 13:59	08/11/25 13:59	CCM	Mt. Juliet, TN

3 Ss

4 Cn

5 Sr

ESI-1-20250806 L1886884-03

Collected by
Collected date/time
Received date/time

08/06/25 11:45
08/09/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2576404	1	08/11/25 14:01	08/11/25 14:01	CCM	Mt. Juliet, TN

6 Qc

7 Gl

8 Al

ESI-2-20250806 L1886884-04

Collected by
Collected date/time
Received date/time

08/06/25 10:00
08/09/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2576404	1	08/11/25 14:04	08/11/25 14:04	CCM	Mt. Juliet, TN

9 Sc

ESI-6-20250806 L1886884-05

Collected by
Collected date/time
Received date/time

08/06/25 10:50
08/09/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2576404	1	08/11/25 14:16	08/11/25 14:16	CCM	Mt. Juliet, TN

SAMPLE RESULT SUMMARY
ORGANIC ANALYSIS DATA SHEET

Lab Sample ID: L1886884-01
 Client Sample ID: ESI-13R-20250806
 Lab File ID: 0811_19
 Instrument ID: AIRGC2
 Analytical Batch: WG2576404
 Dilution Factor: 1
 Analytical Method: RSK175
 Matrix: GW
 Total Solids (%): _____

SDG: L1886884
 Collected Date/Time: 08/06/25 12:40
 Received Date/Time: 08/09/25 08:45
 Preparation Date/Time: 08/11/25 12:28
 Analysis Date/Time: 08/11/25 12:28
 Prep Method: RSK175
 Sample Vol Used: 20 mL
 Initial Wt/Vol: _____
 Final Wt/Vol: 20 mL

Analyte	CAS	RT	Result <i>ug/l</i>	Qualifier	MDL <i>ug/l</i>	RDL <i>ug/l</i>
Methane	74-82-8	0	U		5.10	10.0
Ethane	74-84-0	0	U		3.40	13.0
Ethene	74-85-1	0	U		3.40	13.0

SAMPLE RESULT SUMMARY
ORGANIC ANALYSIS DATA SHEET

Lab Sample ID: L1886884-02
 Client Sample ID: ESI-7-20250806
 Lab File ID: 0811_20
 Instrument ID: AIRGC2
 Analytical Batch: WG2576404
 Dilution Factor: 1
 Analytical Method: RSK175
 Matrix: GW
 Total Solids (%): _____

SDG: L1886884
 Collected Date/Time: 08/06/25 14:00
 Received Date/Time: 08/09/25 08:45
 Preparation Date/Time: 08/11/25 13:59
 Analysis Date/Time: 08/11/25 13:59
 Prep Method: RSK175
 Sample Vol Used: 20 mL
 Initial Wt/Vol: _____
 Final Wt/Vol: 20 mL

Analyte	CAS	RT	Result <i>ug/l</i>	Qualifier	MDL <i>ug/l</i>	RDL <i>ug/l</i>
Methane	74-82-8	0	U		5.10	10.0
Ethane	74-84-0	0	U		3.40	13.0
Ethene	74-85-1	0	U		3.40	13.0

SAMPLE RESULT SUMMARY
ORGANIC ANALYSIS DATA SHEET

Lab Sample ID: L1886884-03
 Client Sample ID: ESI-1-20250806
 Lab File ID: 0811_21
 Instrument ID: AIRGC2
 Analytical Batch: WG2576404
 Dilution Factor: 1
 Analytical Method: RSK175
 Matrix: GW
 Total Solids (%): _____

SDG: L1886884
 Collected Date/Time: 08/06/25 11:45
 Received Date/Time: 08/09/25 08:45
 Preparation Date/Time: 08/11/25 14:01
 Analysis Date/Time: 08/11/25 14:01
 Prep Method: RSK175
 Sample Vol Used: 20 mL
 Initial Wt/Vol: _____
 Final Wt/Vol: 20 mL

Analyte	CAS	RT	Result <i>ug/l</i>	Qualifier	MDL <i>ug/l</i>	RDL <i>ug/l</i>
Methane	74-82-8	0	U		5.10	10.0
Ethane	74-84-0	0	U		3.40	13.0
Ethene	74-85-1	0	U		3.40	13.0

SAMPLE RESULT SUMMARY
ORGANIC ANALYSIS DATA SHEET

Lab Sample ID: L1886884-04
 Client Sample ID: ESI-2-20250806
 Lab File ID: 0811_22
 Instrument ID: AIRGC2
 Analytical Batch: WG2576404
 Dilution Factor: 1
 Analytical Method: RSK175
 Matrix: GW
 Total Solids (%): _____

SDG: L1886884
 Collected Date/Time: 08/06/25 10:00
 Received Date/Time: 08/09/25 08:45
 Preparation Date/Time: 08/11/25 14:04
 Analysis Date/Time: 08/11/25 14:04
 Prep Method: RSK175
 Sample Vol Used: 20 mL
 Initial Wt/Vol: _____
 Final Wt/Vol: 20 mL

Analyte	CAS	RT	Result <i>ug/l</i>	Qualifier	MDL <i>ug/l</i>	RDL <i>ug/l</i>
Methane	74-82-8	0.51	497		5.10	10.0
Ethane	74-84-0	0.65	3.84	J	3.40	13.0
Ethene	74-85-1	0	U		3.40	13.0

SAMPLE RESULT SUMMARY
ORGANIC ANALYSIS DATA SHEET

Lab Sample ID: L1886884-05
 Client Sample ID: ESI-6-20250806
 Lab File ID: 0811_24
 Instrument ID: AIRGC2
 Analytical Batch: WG2576404
 Dilution Factor: 1
 Analytical Method: RSK175
 Matrix: GW
 Total Solids (%): _____

SDG: L1886884
 Collected Date/Time: 08/06/25 10:50
 Received Date/Time: 08/09/25 08:45
 Preparation Date/Time: 08/11/25 14:16
 Analysis Date/Time: 08/11/25 14:16
 Prep Method: RSK175
 Sample Vol Used: 20 mL
 Initial Wt/Vol: _____
 Final Wt/Vol: 20 mL

Analyte	CAS	RT	Result <i>ug/l</i>	Qualifier	MDL <i>ug/l</i>	RDL <i>ug/l</i>
Methane	74-82-8	0.51	47.7		5.10	10.0
Ethane	74-84-0	0	U		3.40	13.0
Ethene	74-85-1	0	U		3.40	13.0



Subcontract Chain of Custody

Pace Analytical National
12065 Lebanon Road
Mt. Juliet, TN 37122

Pace Job Number
L2549348

Page 1

Client Information

Client: Pace Analytical Labs
Address: Eight Walkup Drive
Westborough, MA 01581-1019
Report To: west.subreports@pacelabs.com
Bill To: invoices@pacelabs.coupa.com
Phone: 716-427-5223
Email: Candace.Fox@pacelabs.com

Project Information

Project Location: NY
Project Manager: Candace Fox
Turnaround & Deliverables Information
Due Date:
Deliverables: ASP Category B Deliverables (Level 4)

Regulatory Requirements/Report Limits

State/Federal Program:
Regulatory Criteria: NY-AWQS, NY-TOGS-GA
US86500
Report to MDL

Project Specific Requirements and/or Report Requirements

Reference following Pace Job Number on final report/deliverables: L2549348 Report to include Method and/or Regulatory required batch QC

Additional Comments:

Lab ID	Pace ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Sample Level Comments	Sample Specific QC	Container Count
L2549348-01	ESI-13R_20250806	ESI-13R_20250806	08-06-25 12:40	WATER	Dissolved Gasses			3 <i>OK</i>
L2549348-02	ESI-7_20250806	ESI-7_20250806	08-06-25 14:00	WATER	Dissolved Gasses			3 <i>OK</i>
L2549348-03	ESI-1_20250806	ESI-1_20250806	08-06-25 11:45	WATER	Dissolved Gasses			3 <i>OK</i>
L2549348-04	ESI-2_20250806	ESI-2_20250806	08-06-25 10:00	WATER	Dissolved Gasses			3 <i>OK</i>
L2549348-05	ESI-6_20250806	ESI-6_20250806	08-06-25 10:50	WATER	Dissolved Gasses			3 <i>OK</i>
<p><i>8024 2353 7398</i></p> <p><i>TLA90-6-01-0-5</i></p> <p>Sample Receipt Checklist</p> <p>COC Seal Present/Intact: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NP If Applicable</p> <p>COC Signed/Accurate: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NP VOA Zero Headspace: <input type="checkbox"/> Y <input type="checkbox"/> N</p> <p>Bottles arrive intact: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Pres. Correct/Check: <input type="checkbox"/> Y <input type="checkbox"/> N</p> <p>Correct bottles used: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Condition: <input type="checkbox"/> NCF <input checked="" type="checkbox"/> OK</p> <p>Sufficient volume sent: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Containers: 15</p> <p>RA Screen <0.5 mR/hr: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N</p>								
Relinquished By: <i>C. Crean</i>			Received By: <i>D. Stend</i>			Date/Time: <i>08-09-25 045</i>		
Form No: AL_subcoc								

Appendix B

*Laboratory
QC
Documentation*

Laboratory Control Sample Summary

Form 3

Volatiles

Client : C&S Companies **Lab Number** : L2549348
Project Name : JCC PRR 2025 **Project Number** : N30
Matrix (Level) : WATER (LOW)
LCS Sample ID : WG2104741-3 **Analysis Date** : 08/18/25 08:11 **File ID** : VG250818A04
LCSD Sample ID : WG2104741-4 **Analysis Date** : 08/18/25 08:37 **File ID** : VG250818A05

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Methylene chloride	10	9.9	99	10	9.6	96	3	70-130	20
1,1-Dichloroethane	10	12	120	10	12	120	0	70-130	20
Chloroform	10	10	100	10	10	100	0	70-130	20
Carbon tetrachloride	10	10	100	10	9.9	99	1	63-132	20
1,2-Dichloropropane	10	11	110	10	11	110	0	70-130	20
Dibromochloromethane	10	9.4	94	10	9.3	93	1	63-130	20
1,1,2-Trichloroethane	10	10	100	10	9.9	99	1	70-130	20
Tetrachloroethene	10	11	110	10	11	110	0	70-130	20
Chlorobenzene	10	10	100	10	10	100	0	75-130	20
Trichlorofluoromethane	10	10	100	10	10	100	0	62-150	20
1,2-Dichloroethane	10	11	110	10	12	120	9	70-130	20
1,1,1-Trichloroethane	10	10	100	10	10	100	0	67-130	20
Bromodichloromethane	10	10	100	10	10	100	0	67-130	20
trans-1,3-Dichloropropene	10	9.1	91	10	9.2	92	1	70-130	20
cis-1,3-Dichloropropene	10	9.5	95	10	9.6	96	1	70-130	20
Bromoform	10	8.6	86	10	8.3	83	4	54-136	20
1,1,2,2-Tetrachloroethane	10	8.8	88	10	8.6	86	2	67-130	20
Benzene	10	11	110	10	10	100	10	70-130	20
Toluene	10	9.8	98	10	9.9	99	1	70-130	20
Ethylbenzene	10	9.6	96	10	9.8	98	2	70-130	20
Chloromethane	10	11	110	10	11	110	0	64-130	20
Bromomethane	10	7.5	75	10	7.4	74	1	39-139	20
Vinyl chloride	10	13	130	10	12	120	8	55-140	20
Chloroethane	10	18	180 Q	10	17	170 Q	6	55-138	20
1,1-Dichloroethene	10	10	100	10	9.5	95	5	61-145	20
trans-1,2-Dichloroethene	10	10	100	10	10	100	0	70-130	20



Initial Calibration Summary

Form 6

Volatiles

Client : C&S Companies
Project Name : JCC PRR 2025
Instrument ID : GONZO
Calibration dates : 06/20/25 01:35 06/20/25 06:01

Lab Number : L2549348
Project Number : N30
Ical Ref : ICAL22400

Calibration Files

L11 =VG250619N04.D L1 =VG250619N06.D L2 =VG250619N08.D L3 =VG250619N10.D L4 =VG250619N11.D
 L6 =VG250619N12.D L8 =VG250619N13.D L10 =VG250619N14.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1) I Fluorobenzene	-----ISTD-----									
2) TP Dichlorodifluo		0.195	0.224	0.223	0.227	0.226	0.228	0.211	0.219	5.51
3) TP Chloromethane		0.202	0.205	0.200	0.206	0.208	0.210	0.201	0.205	1.78
4) TP Vinyl chloride	0.214	0.183	0.230	0.234	0.236	0.240	0.237	0.229	0.225	8.41
5) TP Bromomethane		0.144	0.148	0.136	0.152	0.163	0.170	0.168	0.154	8.28
6) TP Chloroethane		0.180	0.160	0.154	0.147	0.123			0.153	13.76
7) TP Trichlorofluor		0.213	0.280	0.309	0.327	0.327	0.333	0.318	0.301	14.13
8) TP Ethyl ether		0.103	0.103	0.107	0.113	0.115	0.114	0.108	0.109	4.92
10) TP 1,1-Dichloroet		0.143	0.181	0.181	0.190	0.193	0.194	0.184	0.181	9.64
11) TP Carbon disulfide		0.471	0.546	0.546	0.566	0.577	0.580	0.553	0.549	6.71
12) TP Freon-113		0.136	0.182	0.184	0.194	0.191	0.195	0.185	0.181	11.36
13) TP Iodomethane			0.152	0.172	0.228	0.259	0.256	0.242	*L	0.9974
14) TP Acrolein			0.024	0.030	0.029	0.030	0.030	0.029	0.029	7.61
15) TP Methylene chlo	0.294	0.221	0.204	0.210	0.209	0.208	0.196	0.220		15.17
17) TP Acetone			0.049	0.039	0.041	0.043	0.043	0.041	1.043	8.19
18) TP trans-1,2-Dich	0.151	0.200	0.198	0.207	0.211	0.209	0.198	0.196		10.55
19) TP Methyl acetate			0.081	0.097	0.108	0.108	0.109	0.102	0.101	10.70
20) TP Methyl tert butyl ether	0.514	0.549	0.571	0.600	0.604	0.597	0.565	0.572		5.67
21) TP tert-Butyl alc	0.016	0.015	0.017	0.018	0.018	0.018	0.018	0.017	0.017	5.91
22) TP Diisopropyl ether	0.510	0.535	0.584	0.610	0.622	0.617	0.585	0.580		7.39
23) TP 1,1-Dichloroet	0.288	0.354	0.356	0.367	0.367	0.365	0.333	0.347		8.25
24) TP Halothane	0.138	0.164	0.166	0.173	0.173	0.172	0.163	0.164		7.64
25) TP Acrylonitrile			0.043	0.054	0.058	0.060	0.059	0.057	0.055	11.48
26) TP Ethyl tert-but	0.538	0.557	0.599	0.617	0.635	0.631	0.601	0.597		6.18
27) TP Vinyl acetate			0.324	0.348	0.388	0.393	0.393	0.375	0.370	7.71
28) TP cis-1,2-Dichlo	0.203	0.228	0.231	0.237	0.239	0.236	0.225	0.228		5.35
29) TP 2,2-Dichloropr	0.237	0.277	0.291	0.315	0.314	0.309	0.290	0.290		9.42
30) TP Bromochloromet	0.115	0.112	0.109	0.105	0.104	0.104	0.099	0.107		5.19
31) TP Cyclohexane	0.275	0.305	0.298	0.313	0.311	0.317	0.299	0.303		4.69
32) TP Chloroform	0.362	0.348	0.355	0.357	0.371	0.365	0.342	0.357		2.80
33) TP Ethyl acetate		0.110	0.137	0.154	0.164	0.170	0.167	0.158	0.152	14.10
34) TP Carbon tetrachloride	0.275	0.242	0.284	0.296	0.295	0.302	0.302	0.284	0.285	6.98
35) TP Tetrahydrofuran			0.057	0.045	0.048	0.050	0.048	0.045	0.049	8.77
36) S Dibromofluoromethane	0.257	0.257	0.259	0.259	0.261	0.259	0.264	0.261	0.260	0.96
37) TP 1,1,1-Trichlor		0.249	0.319	0.313	0.332	0.333	0.330	0.312	0.312	9.41
39) TP 2-Butanone			0.054	0.056	0.066	0.073	0.072	0.068	0.065	12.22



Initial Calibration Summary

Form 6

Volatiles

Client : C&S Companies
Project Name : JCC PRR 2025
Instrument ID : GONZO
Calibration dates : 06/20/25 01:35 06/20/25 06:01

Lab Number : L2549348
Project Number : N30
Ical Ref : ICAL22400

Calibration Files

L11 =VG250619N04.D L1 =VG250619N06.D L2 =VG250619N08.D L3 =VG250619N10.D L4 =VG250619N11.D
 L6 =VG250619N12.D L8 =VG250619N13.D L10 =VG250619N14.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD	
40) TP 1,1-Dichloropr		0.212	0.250	0.249	0.258	0.261	0.260	0.248	0.248	6.89	
41) TP Benzene	0.751	0.664	0.783	0.796	0.816	0.831	0.819	0.779	0.780	6.86	
42) TP Tertiary-Amyl Methyl Ether		0.515	0.539	0.561	0.591	0.606	0.600	0.570	0.569	5.87	
43) S 1,2-Dichloroethane-d4	0.268	0.266	0.265	0.272	0.263	0.258	0.260	0.272	0.266	1.92	
44) TP 1,2-Dichloroethane	0.262	0.254	0.242	0.250	0.262	0.265	0.260	0.250	0.256	3.19	
47) TP Methyl cyclohe		0.218	0.286	0.279	0.294	0.296	0.300	0.284	0.280	10.08	
48) TP Trichloroethene	0.278	0.141	0.194	0.217	0.221	0.225	0.222	0.212	0.214	17.69	
50) TP Dibromomethane		0.120	0.130	0.128	0.132	0.135	0.133	0.126	0.129	3.89	
51) TP 1,2-Dichloropr		0.173	0.200	0.204	0.208	0.212	0.209	0.198	0.200	6.43	
53) TP 2-Chloroethyl		0.066	0.085	0.091	0.101	0.105	0.105	0.103	0.094	15.45	
54) TP Bromodichlorom		0.251	0.282	0.285	0.293	0.297	0.295	0.280	0.283#	5.56	
57) TP 1,4-Dioxane		0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002#	5.47	
58) TP cis-1,3-Dichloropropene	0.296	0.322	0.323	0.333	0.349	0.353	0.349	0.330	0.332	5.68	
59) I Chlorobenzene-d5	-----ISTD-----										
60) S Toluene-d8	1.244	1.241	1.240	1.244	1.235	1.243	1.243	1.248	1.242	0.30	
61) TP Toluene		0.567	0.646	0.646	0.658	0.667	0.661	0.637	0.640	5.27	
62) TP 4-Methyl-2-pen		0.067	0.076	0.078	0.082	0.084	0.082	0.079	0.078	7.41	
63) TP Tetrachloroethene	0.290	0.239	0.298	0.310	0.315	0.310	0.309	0.297	0.296	8.31	
65) TP trans-1,3-Dichloropropene	0.347	0.335	0.357	0.371	0.391	0.391	0.386	0.377	0.369	5.68	
67) TP Ethyl methacry		0.264	0.275	0.293	0.314	0.322	0.318	0.308	0.299	7.44	
68) TP 1,1,2-Trichlor		0.195	0.179	0.185	0.195	0.196	0.193	0.188	0.190#	3.37	
69) TP Chlorodibromom		0.285	0.288	0.295	0.310	0.320	0.316	0.309	0.304	4.60	
70) TP 1,3-Dichloropr		0.321	0.370	0.373	0.385	0.388	0.383	0.370	0.370	6.13	
71) TP 1,2-Dibromoethane		0.223	0.234	0.242	0.252	0.253	0.246	0.239	0.241	4.34	
72) TP 2-Hexanone			0.111	0.130	0.133	0.138	0.135	0.131	0.130	7.41	
73) TP Chlorobenzene		0.675	0.765	0.764	0.785	0.790	0.778	0.753	0.758	5.12	
74) TP Ethylbenzene		1.065	1.219	1.235	1.263	1.280	1.275	1.243	1.226	6.05	
75) TP 1,1,1,2-Tetrac		0.266	0.280	0.290	0.300	0.306	0.304	0.296	0.292	4.92	
76) TP p/m Xylene		0.406	0.484	0.498	0.506	0.510	0.508	0.505	0.488	7.62	
77) TP o Xylene		0.422	0.485	0.492	0.502	0.510	0.502	0.513	0.490	6.42	
78) TP Styrene		0.678	0.798	0.838	0.872	0.883	0.902	0.908	0.840	9.65	
79) I 1,4-Dichlorobenzene-d4	-----ISTD-----										
80) TP Bromoform		0.343	0.359	0.360	0.387	0.400	0.398	0.383	0.376	5.78	
82) TP Isopropylbenzene			1.623	2.037	2.065	2.144	2.156	2.174	2.054	2.036	9.34
83) S 4-Bromofluorobenzene	0.843	0.825	0.834	0.824	0.827	0.810	0.824	0.811	0.825	1.32	
84) TP Bromobenzene		0.546	0.638	0.636	0.650	0.645	0.644	0.603	0.623	6.00	



Calibration Verification Summary

Form 7

Volatiles

Client : C&S Companies
 Project Name : JCC PRR 2025
 Instrument ID : GONZO
 Lab File ID : VG250818A04
 Sample No : WG2104741-2
 Channel :

Lab Number : L2549348
 Project Number : N30
 Calibration Date : 08/18/25 08:11
 Init. Calib. Date(s) : 06/20/25 06/20/25
 Init. Calib. Times : 01:35 06:01

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	73	0
Dichlorodifluoromethane	0.219	0.238	-	-8.7	20	78	0
Chloromethane	0.205	0.23	-	-12.2	20	84	0
Vinyl chloride	0.225	0.296	-	-31.6*	20	92	0
Bromomethane	0.154	0.115	-	25.3*	20	62	0
Chloroethane	0.153	0.27	-	-76.5*	20	128	0
Trichlorofluoromethane	0.301	0.316	-	-5	20	75	0
Ethyl ether	0.109	0.113	-	-3.7	20	77	0
1,1-Dichloroethene	0.181	0.182	-	-0.6	20	73	0
Carbon disulfide	0.549	0.586	-	-6.7	20	78	0
Freon-113	0.181	0.198	-	-9.4	20	78	0
Iodomethane	10	1.891	-	81.1*	20	8	0 NT
Acrolein	0.029	0.03	-	-3.4	20	72	0
Methylene chloride	0.22	0.217	-	1.4	20	78	0
Acetone	0.043	0.047	-	-9.3	20	89	0
trans-1,2-Dichloroethene	0.196	0.199	-	-1.5	20	73	0
Methyl acetate	0.101	0.112	-	-10.9	20	85	0
Methyl tert-butyl ether	0.572	0.508	-	11.2	20	65	0
tert-Butyl alcohol	0.017	0.014	-	17.6	20	60	0
Diisopropyl ether	0.58	0.655	-	-12.9	20	82	0
1,1-Dichloroethane	0.347	0.411	-	-18.4	20	84	0
Halothane	0.164	0.166	-	-1.2	20	73	0
Acrylonitrile	0.055	0.065	-	-18.2	20	88	0
Ethyl tert-butyl ether	0.597	0.584	-	2.2	20	71	0
Vinyl acetate	0.37	0.388	-	-4.9	20	81	0
cis-1,2-Dichloroethene	0.228	0.233	-	-2.2	20	73	0
2,2-Dichloropropane	0.29	0.292	-	-0.7	20	73	0
Bromochloromethane	0.107	0.114	-	-6.5	20	76	0
Cyclohexane	0.303	0.346	-	-14.2	20	85	0
Chloroform	0.357	0.371	-	-3.9	20	76	0
Ethyl acetate	0.152	0.171	-	-12.5	20	81	0
Carbon tetrachloride	0.285	0.289	-	-1.4	20	71	0
Tetrahydrofuran	0.049	0.055	-	-12.2	20	88	0
Dibromofluoromethane	0.26	0.277	-	-6.5	20	78	0
1,1,1-Trichloroethane	0.312	0.321	-	-2.9	20	75	0
2-Butanone	0.065	0.074	-	-13.8	20	96	0
1,1-Dichloropropene	0.248	0.246	-	0.8	20	72	0
Benzene	0.78	0.832	-	-6.7	20	76	0
tert-Amyl methyl ether	0.569	0.456	-	19.9	20	59	0
1,2-Dichloroethane-d4	0.266	0.33	-	-24.1*	20	88	0
1,2-Dichloroethane	0.256	0.292	-	-14.1	20	85	0
Methyl cyclohexane	0.28	0.273	-	2.5	20	71	0
Trichloroethene	0.214	0.224	-	-4.7	20	75	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : C&S Companies
 Project Name : JCC PRR 2025
 Instrument ID : GONZO
 Lab File ID : VG250818A04
 Sample No : WG2104741-2
 Channel :

Lab Number : L2549348
 Project Number : N30
 Calibration Date : 08/18/25 08:11
 Init. Calib. Date(s) : 06/20/25 06/20/25
 Init. Calib. Times : 01:35 06:01

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.055	0.904	-	14.3	20	69	0
n-Butylbenzene	1.371	1.24	-	9.6	20	72	0
1,2-Dichlorobenzene	1.08	1.029	-	4.7	20	75	0
1,2,4,5-Tetramethylbenzene	1.597	1.182	-	26*	20	59	0 NT
1,2-Dibromo-3-chloropropan	0.096	0.07	-	27.1*	20	58	0
1,3,5-Trichlorobenzene	0.711	0.714	-	-0.4	20	77	0
Hexachlorobutadiene	0.226	0.232	-	-2.7	20	81	0
1,2,4-Trichlorobenzene	0.612	0.519	-	15.2	20	65	0
Naphthalene	1.273	0.71	-	44.2*	20	44	0
1,2,3-Trichlorobenzene	0.47	0.374*	-	20.4*	20	61	0

* Value outside of QC limits.



Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).

DATA USABILITY SUMMARY REPORT (DUSR)

**JCC PRR 2025
Jamestown, NY
Project #: N30**

SDG: L2551009
11 Water Samples and a Trip Blank

Prepared for:

**C&S Companies
141 Elm Street, Suite 100
Buffalo, NY 14203
Attention: Brian Wasilewski**

September 2025



Environmental Data Usability 10028 Deer Park Dr. Dansville, NY 14437 585-991-9156

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APPENDIX B	Laboratory QC Documentation
APPENDIX C	Validator Qualifications

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REVIEWER'S NARRATIVE
C&S Companies SDG L2551009 – JCC PRR 2025

The data associated with this Sample Delivery Group (SDG) L2551009, analyzed by Pace Analytical, Westborough, MA have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Reviewer's Signature: Michael K. Perry Date: 9/9/2025
Michael K. Perry
Chemist

1.0 EVENT SUMMARY

SITE:	JCC PRR 2025 Jamestown, NY Project #: N30
SAMPLING DATE:	August 13, 2025
SAMPLE TYPE:	11 water samples and a trip blank
LABORATORY:	Pace Analytical Westborough, MA
SDG No.:	L2551009

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

- Completeness of the data package as defined under the requirements of the NYSDEC Analytical Services Protocols (ASP) Category B or the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) deliverables,
- Compliance with established analyte holding times,
- Adherence to quality control (QC) limits and specifications for blanks, instrument tuning and calibration, surrogate recoveries, spike recoveries, laboratory duplicate analyses, and other QC criteria,
- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYSIS SUMMARY

The data package consists of analytical results for 11 water samples and a trip blank collected on August 13, 2025. These samples were analyzed for Volatile Organic Compounds (VOCs) and Dissolved Gases.

All laboratory analyses were submitted to Pace Analytical, Westborough, MA and analyzed as SDG L2551009. The Dissolved Gases were subcontracted to Pace Analytical, Mt. Juliet, TN and analyzed as SDG L1889442. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents appropriate for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results were selected from those listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

The QC criteria considered for assessing the usability of the reported analytical results provided for each analyte type (i.e. VOCs, SVOCs, metals, etc.) are listed in Table 4-2. These criteria may vary with the analytical method utilized by the laboratory. These criteria comply with the guidance recommended in Section 2.0 above.

5.0 DATA VALIDATION QUALIFIERS

The letter qualifiers (flags) used to define data usability are described briefly below. These letters are assigned by the data validator to analytical results having questionable accuracy and/or precision as determined by reviewing the laboratory QC data associated with the analytical results.

TABLE 4-1

Guidance Used For Validating Laboratory Analytical Data

Analyte Group	Guidance	Date
Metals (ICP-AES)	USEPA SOP HW-3a, Rev. 1	September 2016
Metals (Hg & CN)	USEPA SOP HW-3c, Rev. 1	September 2016
Volatile Organic Compounds (by Methods 8260B & 8260C)	USEPA SOP HW-24, Rev. 4	September 2014
Semi-Volatile Organic Compounds (by Method 8270D)	USEPA SOP HW-22 Rev. 5	December 2010
Pesticides (by Method 8181B)	USEPA SOP HW-44, Rev. 1.1	December 2010
Chlorinated Herbicides (by Method 8151A)	USEPA SOP HW-17, Rev. 3.1	December 2010
Polychlorinated Biphenyls (PCBs)	USEPA SOP HW-37A, Rev. 0	June 2015
Volatile Organic Compounds (Air) (by Method TO-15)	USEPA SOP HW-31, Rev. 6	September 2016
Per- and PolyFluoroAlkyl Substances (PFAS)	* NYSDEC ** US Dept. of Defense	January 2021 November 2022
Radiological Analysis Uranium	USEPA Method 908.0	June 1999
Radium-226	USEPA Method 903.1	1980
General Chemistry Parameters	per NYSDEC ASP	July 2005

* Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, Appendix I

** Data Validation Guidelines Module 6: Data Validation Procedures for Per- and Polyfluoroalkyl Substances Analysis by QSM Table B-24

TABLE 4-2

**QUALITY CONTROL CRITERIA USED FOR VALIDATING
LABORATORY ANALYTICAL DATA**

VOCs	SVOCs	Pesticides/PCBs	Metals	Gen Chemistry	PFAS
Completeness of Pkg Sample Preservation Holding Time System Monitoring Compounds Lab Control Sample Matrix Spikes Blanks Instrument Tuning Internal Standards Initial Calibration Continuing Calibration Lab Qualifiers Field Duplicate	Completeness of Pkg Sample Preservation Holding Time Surrogate Recoveries Lab Control Sample Matrix Spikes Blanks Instrument Tuning Internal Standards Initial Calibration Continuing Calibration Lab Qualifiers Field Duplicate	Completeness of Pkg Sample Preservation Holding Time Surrogate Recoveries Matrix Spikes Blanks Instrument Calibration & Verification Comparison of duplicate GC column results Analyte ID Lab Qualifiers Field Duplicate	Completeness of Pkg Sample Preservation Holding Time Initial/Continuing Calibration CRDL Standards Blanks Interference Check Sample Spike Recoveries Lab Duplicate Lab Control Sample ICP Serial Dilutions Lab Qualifiers Field Duplicate	Completeness of Pkg Sample Preservation Holding Times Calibration Lab Control Samples Blanks Spike Recoveries Lab Duplicates	Completeness of Pkg Sample Preservation Holding Time Instr Performance Check Initial Calibration Continuing Calibration Blanks Surrogates Lab Fortified Blank Matrix Spikes Internal Standards

Method TO-15 (Air)	Radiological (U and Ra)
Completeness of Pkg Sample Preservation Holding Time Canister Certification Instrument Tuning Initial Calibration and Instrument Performance Daily Calibration Blanks Lab Control Sample Field Duplicate	Completeness of Pkg Sample Preservation Holding Time Sample Specific Yield Required Detection Limit Laboratory Control Sample Matrix Spikes Method Blank Instrument Calibration

The laboratory may also use various letters and symbols to flag analytical results generated when QC limits were exceeded. The meanings of these flags may differ from those used by the independent data validator. Those used by the laboratory are provided with the analytical results.

NOTE: The assignment of data qualifiers by the data reviewer (validator) to laboratory analytical results should not necessarily be interpreted by the data user as a measure of laboratory ability or proficiency. Rather, the qualifiers are intended to provide a measure of data accuracy and precision to the data user, which, for example, may provide a level of confidence in determining whether or not standards or cleanup objectives have been met.

- U** The analyte was analyzed for but was not detected at or above the sample quantitation limit.
- J** The analyte was positively identified; the associated numerical value is the *approximate* concentration of the analyte in the sample. (The magnitude of any \pm value associated with the result is not determined by data validation).
- J+** The result is an estimated quantity and may be biased high.
- J-** The result is an estimated quantity and may be biased low.
- UJ** The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
- R** The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
- NJ** The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated in red print. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the data review are summarized in Tables 6-1 through 6-2. The tables list the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDG L2551009, 12 samples were analyzed and results were reported for 680 analytes. Twelve results were rejected. Even though some results were flagged with a “J” as estimated, all other results (98.2 %) are considered usable. See the summary table for the analyses that have been rejected and qualified and the associated QC reasons.

Table 6-1 **VOCs**

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
All samples	1,4-Dioxane	J detects R non-detects	ICAL RF < 0.005	All non-detects are rejected
All samples	Acetone 2-Butanone 4-Methyl-2-pentanone	J detects UJ non-detects	ICAL RF <0.05	Data are estimated
All samples	2-Hexanone Methyl tert butyl ether	J detects UJ non-detects	CCV % D > 20 % QC limit	Data are estimated
All samples	Acetone	CRQL-U	Analyte detected in Trip Blank	Data changed to non-detectare estimated

Table 6-2 **RSK175**

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none		none		

ACRONYMS

BSP	Blank Spike
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
%D	Percent Difference
ICAL	Initial Calibration
ICB	Initial Calibration Blank
IS	Internal Standard
LCS	Laboratory Control Sample
MS/MSD	Matrix Spike/Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
%R	Percent recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
%RSD	Percent Relative Standard Deviation
TAL	Target Analyte List (metals)
TCL	Target Compound List (organics)

Appendix A

*Validated
Analytical
Results*



Pace Analytical Services

Laboratory Code: 11148

SDG Number: L2551009

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Project Name: JCC PRR 2025
Project Number: N30

Lab Number: L2551009
Report Date: 09/02/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2551009-01	PW-3R-20250813	WATER	JAMESTOWN	08/13/25 13:50	08/13/25
L2551009-02	MW-10D-20250813	WATER	JAMESTOWN	08/13/25 11:05	08/13/25
L2551009-03	PW-1-20250813	WATER	JAMESTOWN	08/13/25 08:35	08/13/25
L2551009-04	ESI-3-20250813	WATER	JAMESTOWN	08/13/25 09:15	08/13/25
L2551009-05	ESI-2D-20250813	WATER	JAMESTOWN	08/13/25 07:40	08/13/25
L2551009-06	PW-2-20250813	WATER	JAMESTOWN	08/13/25 07:00	08/13/25
L2551009-07	ESI-10-20250813	WATER	JAMESTOWN	08/13/25 11:45	08/13/25
L2551009-08	ESI-12-20250813	WATER	JAMESTOWN	08/13/25 13:05	08/13/25
L2551009-09	MW-15D-20250813	WATER	JAMESTOWN	08/13/25 10:00	08/13/25
L2551009-10	ESI-11-20250813	WATER	JAMESTOWN	08/13/25 12:25	08/13/25
L2551009-11	DUP-01-20250813	WATER	JAMESTOWN	08/13/25 10:07	08/13/25
L2551009-12	TRIP BLANK	WATER	JAMESTOWN	08/13/25 00:00	08/13/25



Project Name: JCC PRR 2025
Project Number: N30

Lab Number: L2551009
Report Date: 09/02/25

Case Narrative (continued)

Report Submission

September 02, 2025: This final report includes the results of all requested analyses.

August 27, 2025: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

The analysis of Dissolved Gases was subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Volatile Organics

L2551009-12: The Trip Blank has a concentration above the reporting limit for acetone. The sample was re-analyzed and confirmed the original results. The results of the original analysis are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: *Siffani Morrissey*

Report Date: 09/02/25

Title: Technical Director/Representative





**NEW YORK
CHAIN OF
CUSTODY**

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page
1 of 2

Date Rec'd
in Lab 8/14/25

ALPHA Job #
L2551009

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Project Information

Project Name: JCC PRR 2025

Project Location: Jamestown

Project # N30

(Use Project name as Project #)

Project Manager:

ALPHAQuote #:

Turn-Around Time

Standard Due Date:

Rush (only if pre approved) # of Days:

Deliverables

ASP-A ASP-B

EQuIS (1 File) EQuIS (4 File)

Other

Regulatory Requirement

NY TOGS NY Part 375

AWQ Standards NY CP-51

NY Restricted Use Other

NY Unrestricted Use

NYC Sewer Discharge

Billing Information

Same as Client Info

PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:

NJ NY

Other:

Client Information

Client: CTS Engineers

Address: 141 Elm Street

Buffalo, NY, 14203

Phone: 716-474-9092

Fax:

Email: bwasikewski@cscos.com

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

NYTCL - 8260	SUB - DISS GAS																		
--------------	----------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Sample Filtration

Done

Lab to do

Preservation

Lab to do

(Please Specify below)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS										Sample Specific Comments	T o t a l B o t t l e					
		Date	Time																			
57009-01	PW-3R-20250813	8/13/2025	1350	Water	BW	X	X															6
02	MW-10D-20250813		1105		BW	X	X															6
03	PW-1-20250813		835		BW	X	X															6
04	EST-3-20250813		915		BW	X	X															6
05	EST-2D-20250813		740		BW	X	X															6
06	PW-2-20250813		700		BW	X	X															6
07	EST-10-20250813		1145		BW	X	X															6
08	EST-12-20250813		1305		BW	X	X															6
09	MW-15D-20250813		1000		BW	X	X															6
10	EST-11-20250813		1225		BW	X	X															6

Preservative Code:
A = None
B = HCl
C = HNO₃
D = H₂SO₄
E = NaOH
F = MeOH
G = NaHSO₄
H = Na₂S₂O₃
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type V V

Preservative B B

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Relinquished By:	Date/Time	Received By:	Date/Time
<i>[Signature]</i>	8/13/25 16:40	Charles O. Price	8-13-25 16:40
Charles O. Price	8-13-25 16:41	Beatrix Sk	8-13-25 16:41
R. Bishop	8-13-25 16:41		8/13 2326
<i>[Signature]</i>	8/14 0330	SNOW	8/14/25 0330



**NEW YORK
CHAIN OF
CUSTODY**

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers

Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page

2 of 2

Date Rec'd
in Lab

8/14/25

ALPHA Job #

2551009

Project Information

Project Name: JCL PRR 2025

Project Location: Jamestown

Project # N30

(Use Project name as Project #)

Project Manager:

ALPHAQuote #:

Turn-Around Time

Standard

Due Date:

Rush (only if pre approved)

of Days:

Deliverables

ASP-A ASP-B
 EQUIS (1 File) EQUIS (4 File)
 Other

Billing Information

Same as Client Info
PO #

Client Information

Client: CTS Engineers

Address: 141 Elm Street
Buffalo, NY, 14203

Phone: 716-474-9092

Fax:

Email: bwasilewski@cscos.com

Regulatory Requirement

NY TOGS NY Part 375
 AWQ Standards NY CP-51
 NY Restricted Use Other
 NY Unrestricted Use
 NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:

NJ NY
 Other:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

NYTCL-8260	SUB-DISGAS																		
------------	------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Sample Filtration

Done
 Lab to do
Preservation
 Lab to do

(Please Specify below)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Analysis	Filtration	Preservation	Comments	Total Bottles
		Date	Time							
51009-09	MSD-MS-20250813	8/13/25	1003	Water	BW	X	X			6
-09	MSD-MSD-20250813	8/13/25	1005	Water	BW	X	X			6
-11	DUP-01-20250813	8/13/25	1007	Water	BW	X	X			6
-12	Trip Blanks	8/13/25								2

Preservative Code:

A = None
B = HCl
C = HNO₃
D = H₂SO₄
E = NaOH
F = MeOH
G = NaHSO₄
H = Na₂S₂O₃
K/E = Zn Ac/NaOH
O = Other

Container Code

P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935

Mansfield: Certification No: MA015

Container Type

V V

Preservative

B B

Relinquished By:

Charles O'Neil
R. Bishop

Date/Time

8/13/25 16:40
8-13-25 16:41
8-13-25 16:41

Received By:

Charles O'Neil
Beulah SLG
Alman

Date/Time

8-13-25 16:40
8-13-25 16:41
8/14/25 0330

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

GC/MS 8260

Analysis

Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2551009-01D
 Client ID : PW-3R-20250813
 Sample Location : JAMESTOWN
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22250825A06
 Sample Amount : 2 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2551009
 Project Number : N30
 Date Collected : 08/13/25 13:50
 Date Received : 08/13/25
 Date Analyzed : 08/25/25 08:58
 Dilution Factor : 5
 Analyst : PID
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	12	3.5	U
75-34-3	1,1-Dichloroethane	ND	12	3.5	U
67-66-3	Chloroform	ND	12	3.5	U
56-23-5	Carbon tetrachloride	ND	2.5	0.67	U
78-87-5	1,2-Dichloropropane	ND	5.0	0.68	U
124-48-1	Dibromochloromethane	ND	2.5	0.74	U
79-00-5	1,1,2-Trichloroethane	ND	7.5	2.5	U
127-18-4	Tetrachloroethene	ND	2.5	0.90	U
108-90-7	Chlorobenzene	ND	12	3.5	U
75-69-4	Trichlorofluoromethane	ND	12	3.5	U
107-06-2	1,2-Dichloroethane	ND	2.5	0.66	U
71-55-6	1,1,1-Trichloroethane	ND	12	3.5	U
75-27-4	Bromodichloromethane	ND	2.5	0.96	U
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	0.82	U
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	0.72	U
75-25-2	Bromoform	ND	10	3.2	U
79-34-5	1,1,1,2-Tetrachloroethane	ND	2.5	0.84	U
71-43-2	Benzene	ND	2.5	0.80	U
108-88-3	Toluene	ND	12	3.5	U
100-41-4	Ethylbenzene	ND	12	3.5	U
74-87-3	Chloromethane	ND	12	3.5	U
74-83-9	Bromomethane	ND	12	3.5	U
75-01-4	Vinyl chloride	1000	5.0	0.36	
75-00-3	Chloroethane	ND	12	3.5	U
75-35-4	1,1-Dichloroethene	ND	2.5	0.84	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2551009-01D
 Client ID : PW-3R-20250813
 Sample Location : JAMESTOWN
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22250825A06
 Sample Amount : 2 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2551009
 Project Number : N30
 Date Collected : 08/13/25 13:50
 Date Received : 08/13/25
 Date Analyzed : 08/25/25 08:58
 Dilution Factor : 5
 Analyst : PID
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	12	3.5	U
79-01-6	Trichloroethene	ND	2.5	0.88	U
95-50-1	1,2-Dichlorobenzene	ND	12	3.5	U
541-73-1	1,3-Dichlorobenzene	ND	12	3.5	U
106-46-7	1,4-Dichlorobenzene	ND	12	3.5	U
1634-04-4	Methyl tert butyl ether	ND	12	0.83	U UJ
179601-23-1	p/m-Xylene	ND	12	3.5	U
95-47-6	o-Xylene	ND	12	3.5	U
156-59-2	cis-1,2-Dichloroethene	280	12	3.5	
100-42-5	Styrene	ND	12	3.5	U
75-71-8	Dichlorodifluoromethane	ND	25	5.0	U
67-64-1	Acetone	25 UJ	9.5	7.3	J UJ
75-15-0	Carbon disulfide	ND	25	5.0	U
78-93-3	2-Butanone	ND	25	9.7	U UJ
108-10-1	4-Methyl-2-pentanone	ND	25	5.0	U UJ
591-78-6	2-Hexanone	ND	25	5.0	U UJ
74-97-5	Bromochloromethane	ND	12	3.5	U
106-93-4	1,2-Dibromoethane	ND	10	3.2	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	3.5	U
98-82-8	Isopropylbenzene	ND	12	3.5	U
87-61-6	1,2,3-Trichlorobenzene	ND	12	3.5	U
120-82-1	1,2,4-Trichlorobenzene	ND	12	3.5	U
79-20-9	Methyl Acetate	ND	10	1.2	U
110-82-7	Cyclohexane	ND	50	1.4	U
123-91-1	1,4-Dioxane	ND	1200	300	U R



Results Summary
Form 1
Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2551009-01D
 Client ID : PW-3R-20250813
 Sample Location : JAMESTOWN
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22250825A06
 Sample Amount : 2 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2551009
 Project Number : N30
 Date Collected : 08/13/25 13:50
 Date Received : 08/13/25
 Date Analyzed : 08/25/25 08:58
 Dilution Factor : 5
 Analyst : PID
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	12	3.5	U
108-87-2	Methyl cyclohexane	ND	50	2.0	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2551009-02
 Client ID : MW-10D-20250813
 Sample Location : JAMESTOWN
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22250825A07
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2551009
 Project Number : N30
 Date Collected : 08/13/25 11:05
 Date Received : 08/13/25
 Date Analyzed : 08/25/25 09:23
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,1,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	0.10	1.0	0.07	J
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2551009-02
 Client ID : MW-10D-20250813
 Sample Location : JAMESTOWN
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22250825A07
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2551009
 Project Number : N30
 Date Collected : 08/13/25 11:05
 Date Received : 08/13/25
 Date Analyzed : 08/25/25 09:23
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U UJ
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	13 UJ	13	5.0	1.5 UJ
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U UJ
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U UJ
591-78-6	2-Hexanone	ND	5.0	1.0	U UJ
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U R



Results Summary
Form 1
Volatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2551009
Project Name	: JCC PRR 2025	Project Number	: N30
Lab ID	: L2551009-02	Date Collected	: 08/13/25 11:05
Client ID	: MW-10D-20250813	Date Received	: 08/13/25
Sample Location	: JAMESTOWN	Date Analyzed	: 08/25/25 09:23
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PID
Lab File ID	: V22250825A07	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2551009-03
 Client ID : PW-1-20250813
 Sample Location : JAMESTOWN
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22250825A08
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2551009
 Project Number : N30
 Date Collected : 08/13/25 08:35
 Date Received : 08/13/25
 Date Analyzed : 08/25/25 09:47
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,1,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2551009-03
 Client ID : PW-1-20250813
 Sample Location : JAMESTOWN
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22250825A08
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2551009
 Project Number : N30
 Date Collected : 08/13/25 08:35
 Date Received : 08/13/25
 Date Analyzed : 08/25/25 09:47
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	1.8	0.50	0.18	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U UJ
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	1.5	2.5	0.70	J
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	12 UJ	12	5.0	1.5 UJ
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U UJ
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U UJ
591-78-6	2-Hexanone	ND	5.0	1.0	U UJ
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U R



Results Summary
Form 1
Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2551009-03
 Client ID : PW-1-20250813
 Sample Location : JAMESTOWN
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22250825A08
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2551009
 Project Number : N30
 Date Collected : 08/13/25 08:35
 Date Received : 08/13/25
 Date Analyzed : 08/25/25 09:47
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary
Form 1
Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2551009-04
 Client ID : ESI-3-20250813
 Sample Location : JAMESTOWN
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22250825A09
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2551009
 Project Number : N30
 Date Collected : 08/13/25 09:15
 Date Received : 08/13/25
 Date Analyzed : 08/25/25 10:12
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2551009-04
 Client ID : ESI-3-20250813
 Sample Location : JAMESTOWN
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22250825A09
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2551009
 Project Number : N30
 Date Collected : 08/13/25 09:15
 Date Received : 08/13/25
 Date Analyzed : 08/25/25 10:12
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	0.75	0.50	0.18	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U UJ
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	6.2 UJ	6.2	5.0	1.5 UJ
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U UJ
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U UJ
591-78-6	2-Hexanone	ND	5.0	1.0	U UJ
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U R



Results Summary
Form 1
Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2551009-04
 Client ID : ESI-3-20250813
 Sample Location : JAMESTOWN
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22250825A09
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2551009
 Project Number : N30
 Date Collected : 08/13/25 09:15
 Date Received : 08/13/25
 Date Analyzed : 08/25/25 10:12
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2551009-05
 Client ID : ESI-2D-20250813
 Sample Location : JAMESTOWN
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22250825A10
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2551009
 Project Number : N30
 Date Collected : 08/13/25 07:40
 Date Received : 08/13/25
 Date Analyzed : 08/25/25 10:36
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,1,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2551009-05
 Client ID : ESI-2D-20250813
 Sample Location : JAMESTOWN
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22250825A10
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2551009
 Project Number : N30
 Date Collected : 08/13/25 07:40
 Date Received : 08/13/25
 Date Analyzed : 08/25/25 10:36
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U UJ
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	13 UJ	12	5.0	1.5 UJ
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U UJ
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U UJ
591-78-6	2-Hexanone	ND	5.0	1.0	U UJ
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U R



Results Summary
Form 1
Volatile Organics by GC/MS

Client : C&S Companies	Lab Number : L2551009
Project Name : JCC PRR 2025	Project Number : N30
Lab ID : L2551009-05	Date Collected : 08/13/25 07:40
Client ID : ESI-2D-20250813	Date Received : 08/13/25
Sample Location : JAMESTOWN	Date Analyzed : 08/25/25 10:36
Sample Matrix : WATER	Dilution Factor : 1
Analytical Method : 1,8260D	Analyst : PID
Lab File ID : V22250825A10	Instrument ID : VOA122
Sample Amount : 10 ml	GC Column : RTX-502.2
Level : LOW	%Solids : N/A
Extract Volume (MeOH) : N/A	Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2551009-06
 Client ID : PW-2-20250813
 Sample Location : JAMESTOWN
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22250825A11
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2551009
 Project Number : N30
 Date Collected : 08/13/25 07:00
 Date Received : 08/13/25
 Date Analyzed : 08/25/25 11:01
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,1,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	12	1.0	0.07	
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	0.28	0.50	0.17	J



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2551009-06
 Client ID : PW-2-20250813
 Sample Location : JAMESTOWN
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22250825A11
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2551009
 Project Number : N30
 Date Collected : 08/13/25 07:00
 Date Received : 08/13/25
 Date Analyzed : 08/25/25 11:01
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	1.1	0.50	0.18	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U UJ
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	13	2.5	0.70	
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	6.5 UJ	9.5	5.0	1.5 UJ
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U UJ
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U UJ
591-78-6	2-Hexanone	ND	5.0	1.0	U UJ
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U R



Results Summary
Form 1
Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2551009-06
 Client ID : PW-2-20250813
 Sample Location : JAMESTOWN
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22250825A11
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2551009
 Project Number : N30
 Date Collected : 08/13/25 07:00
 Date Received : 08/13/25
 Date Analyzed : 08/25/25 11:01
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2551009-07
 Client ID : ESI-10-20250813
 Sample Location : JAMESTOWN
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22250825A12
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2551009
 Project Number : N30
 Date Collected : 08/13/25 11:45
 Date Received : 08/13/25
 Date Analyzed : 08/25/25 11:25
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,1,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	0.11	1.0	0.07	J
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2551009-07
 Client ID : ESI-10-20250813
 Sample Location : JAMESTOWN
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22250825A12
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2551009
 Project Number : N30
 Date Collected : 08/13/25 11:45
 Date Received : 08/13/25
 Date Analyzed : 08/25/25 11:25
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	2.8	0.50	0.18	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U UJ
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	1.8	2.5	0.70	J
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	8.8 UJ	8.8	5.0	1.5 UJ
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U UJ
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U UJ
591-78-6	2-Hexanone	ND	5.0	1.0	U UJ
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U R



Results Summary
Form 1
Volatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2551009
Project Name	: JCC PRR 2025	Project Number	: N30
Lab ID	: L2551009-07	Date Collected	: 08/13/25 11:45
Client ID	: ESI-10-20250813	Date Received	: 08/13/25
Sample Location	: JAMESTOWN	Date Analyzed	: 08/25/25 11:25
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PID
Lab File ID	: V22250825A12	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2551009-08
 Client ID : ESI-12-20250813
 Sample Location : JAMESTOWN
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22250825A13
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2551009
 Project Number : N30
 Date Collected : 08/13/25 13:05
 Date Received : 08/13/25
 Date Analyzed : 08/25/25 11:50
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,1,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2551009-08
 Client ID : ESI-12-20250813
 Sample Location : JAMESTOWN
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22250825A13
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2551009
 Project Number : N30
 Date Collected : 08/13/25 13:05
 Date Received : 08/13/25
 Date Analyzed : 08/25/25 11:50
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	0.43	0.50	0.18	J
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U UJ
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	13 UJ	13	5.0	1.5 UJ
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U UJ
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U UJ
591-78-6	2-Hexanone	ND	5.0	1.0	U UJ
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U R



Results Summary
Form 1
Volatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2551009
Project Name	: JCC PRR 2025	Project Number	: N30
Lab ID	: L2551009-08	Date Collected	: 08/13/25 13:05
Client ID	: ESI-12-20250813	Date Received	: 08/13/25
Sample Location	: JAMESTOWN	Date Analyzed	: 08/25/25 11:50
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PID
Lab File ID	: V22250825A13	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2551009-09
 Client ID : MW-15D-20250813
 Sample Location : JAMESTOWN
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22250825A14
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2551009
 Project Number : N30
 Date Collected : 08/13/25 10:00
 Date Received : 08/13/25
 Date Analyzed : 08/25/25 12:14
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,1,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2551009-09
 Client ID : MW-15D-20250813
 Sample Location : JAMESTOWN
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22250825A14
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2551009
 Project Number : N30
 Date Collected : 08/13/25 10:00
 Date Received : 08/13/25
 Date Analyzed : 08/25/25 12:14
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U UJ
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	14 UJ	14	5.0	1.5 UJ
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U UJ
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U UJ
591-78-6	2-Hexanone	ND	5.0	1.0	U UJ
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U R



Results Summary
Form 1
Volatile Organics by GC/MS

Client : C&S Companies Project Name : JCC PRR 2025 Lab ID : L2551009-09 Client ID : MW-15D-20250813 Sample Location : JAMESTOWN Sample Matrix : WATER Analytical Method : 1,8260D Lab File ID : V22250825A14 Sample Amount : 10 ml Level : LOW Extract Volume (MeOH) : N/A	Lab Number : L2551009 Project Number : N30 Date Collected : 08/13/25 10:00 Date Received : 08/13/25 Date Analyzed : 08/25/25 12:14 Dilution Factor : 1 Analyst : PID Instrument ID : VOA122 GC Column : RTX-502.2 %Solids : N/A Injection Volume : N/A
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CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2551009-10
 Client ID : ESI-11-20250813
 Sample Location : JAMESTOWN
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22250825A15
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2551009
 Project Number : N30
 Date Collected : 08/13/25 12:25
 Date Received : 08/13/25
 Date Analyzed : 08/25/25 12:39
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,1,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	4.2	1.0	0.07	
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2551009-10
 Client ID : ESI-11-20250813
 Sample Location : JAMESTOWN
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22250825A15
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2551009
 Project Number : N30
 Date Collected : 08/13/25 12:25
 Date Received : 08/13/25
 Date Analyzed : 08/25/25 12:39
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	1.6	0.50	0.18	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U UJ
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	3.1	2.5	0.70	
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	14 UJ	14	5.0	1.5 UJ
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U UJ
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U UJ
591-78-6	2-Hexanone	ND	5.0	1.0	U UJ
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U R



Results Summary
Form 1
Volatile Organics by GC/MS

Client	: C&S Companies	Lab Number	: L2551009
Project Name	: JCC PRR 2025	Project Number	: N30
Lab ID	: L2551009-10	Date Collected	: 08/13/25 12:25
Client ID	: ESI-11-20250813	Date Received	: 08/13/25
Sample Location	: JAMESTOWN	Date Analyzed	: 08/25/25 12:39
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PID
Lab File ID	: V22250825A15	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2551009-11
 Client ID : DUP-01-20250813
 Sample Location : JAMESTOWN
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22250825A16
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2551009
 Project Number : N30
 Date Collected : 08/13/25 10:07
 Date Received : 08/13/25
 Date Analyzed : 08/25/25 13:04
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,1,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2551009-11
 Client ID : DUP-01-20250813
 Sample Location : JAMESTOWN
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22250825A16
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2551009
 Project Number : N30
 Date Collected : 08/13/25 10:07
 Date Received : 08/13/25
 Date Analyzed : 08/25/25 13:04
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U UJ
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	11 UJ	11	5.0	1.5 UJ
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U UJ
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U UJ
591-78-6	2-Hexanone	ND	5.0	1.0	U UJ
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U R



Results Summary
Form 1
Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2551009-11
 Client ID : DUP-01-20250813
 Sample Location : JAMESTOWN
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22250825A16
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2551009
 Project Number : N30
 Date Collected : 08/13/25 10:07
 Date Received : 08/13/25
 Date Analyzed : 08/25/25 13:04
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2551009-12
 Client ID : TRIP BLANK
 Sample Location : JAMESTOWN
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22250825A17
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2551009
 Project Number : N30
 Date Collected : 08/13/25 00:00
 Date Received : 08/13/25
 Date Analyzed : 08/25/25 13:28
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,1,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U



Results Summary

Form 1

Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2551009-12
 Client ID : TRIP BLANK
 Sample Location : JAMESTOWN
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22250825A17
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2551009
 Project Number : N30
 Date Collected : 08/13/25 00:00
 Date Received : 08/13/25
 Date Analyzed : 08/25/25 13:28
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U UJ
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	14	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U UJ
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U UJ
591-78-6	2-Hexanone	ND	5.0	1.0	U UJ
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U R



Results Summary
Form 1
Volatile Organics by GC/MS

Client : C&S Companies
 Project Name : JCC PRR 2025
 Lab ID : L2551009-12
 Client ID : TRIP BLANK
 Sample Location : JAMESTOWN
 Sample Matrix : WATER
 Analytical Method : 1,8260D
 Lab File ID : V22250825A17
 Sample Amount : 10 ml
 Level : LOW
 Extract Volume (MeOH) : N/A

Lab Number : L2551009
 Project Number : N30
 Date Collected : 08/13/25 00:00
 Date Received : 08/13/25
 Date Analyzed : 08/25/25 13:28
 Dilution Factor : 1
 Analyst : PID
 Instrument ID : VOA122
 GC Column : RTX-502.2
 %Solids : N/A
 Injection Volume : N/A

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U



Subcontracted Data

No data validation qualifiers were added

MKP 9/9/2025

1	Cp
2	Tc
3	Ss
4	Cn
5	Sr
6	Qc
7	Gl
8	Al
9	Sc

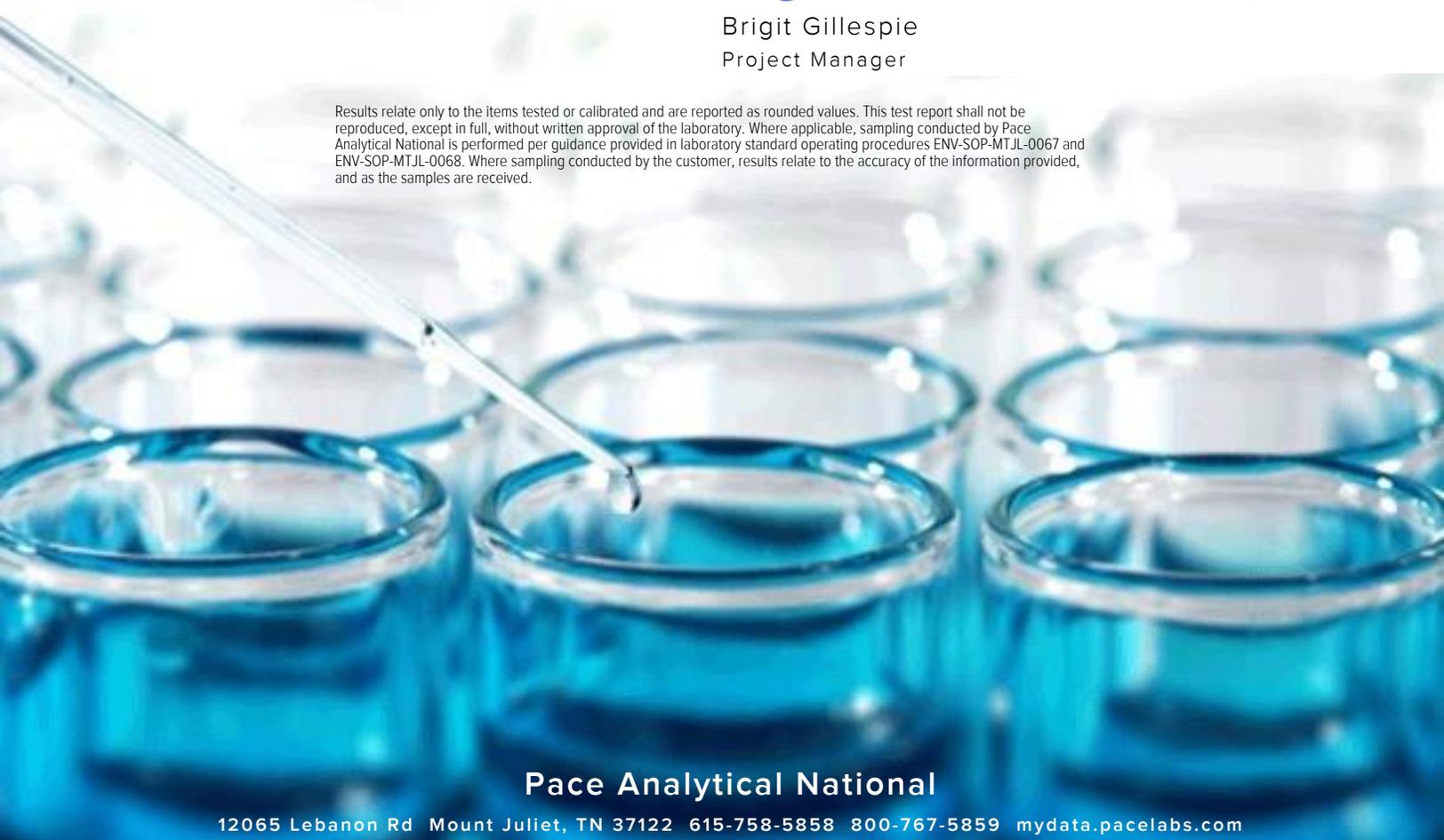
Pace Analytical (Alpha) - Westborough, MA

Sample Delivery Group: L1889442
Samples Received: 08/16/2025
Project Number: L2551009
Description:
Site: 01
Report To: Candace Fox
8 Walkup Drive
Westborough, MA 01581

Entire Report Reviewed By:

Brigit Gillespie
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

**Pace Analytical National**

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

SAMPLE SUMMARY

PW-3R-20250813 L1889442-01

Collected by
Collected date/time
Received date/time
08/13/25 13:50 08/16/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2590004	1	08/29/25 09:54	08/29/25 09:54	LKH	Mt. Juliet, TN

1 Cp

2 Tc

MW-10D-20250813 L1889442-02

Collected by
Collected date/time
Received date/time
08/13/25 11:05 08/16/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2590004	1	08/29/25 10:02	08/29/25 10:02	LKH	Mt. Juliet, TN

3 Ss

4 Cn

5 Sr

PW-1-20250813 L1889442-03

Collected by
Collected date/time
Received date/time
08/13/25 08:35 08/16/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2590004	1	08/29/25 10:05	08/29/25 10:05	LKH	Mt. Juliet, TN

6 Qc

7 Gl

8 Al

ESI-3-20250813 L1889442-04

Collected by
Collected date/time
Received date/time
08/13/25 09:15 08/16/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2590004	1	08/29/25 10:08	08/29/25 10:08	LKH	Mt. Juliet, TN

9 Sc

ESI-2D-20250813 L1889442-05

Collected by
Collected date/time
Received date/time
08/13/25 07:40 08/16/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2590004	1	08/29/25 10:37	08/29/25 10:37	LKH	Mt. Juliet, TN

PW-2-20250813 L1889442-06

Collected by
Collected date/time
Received date/time
08/13/25 07:00 08/16/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2590008	1	08/29/25 09:00	08/29/25 09:00	LKH	Mt. Juliet, TN

ESI-10-20250813 L1889442-07

Collected by
Collected date/time
Received date/time
08/13/25 11:45 08/16/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2590008	1	08/29/25 09:04	08/29/25 09:04	LKH	Mt. Juliet, TN

ESI-12-20250813 L1889442-08

Collected by
Collected date/time
Received date/time
08/13/25 13:05 08/16/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2590008	1	08/29/25 09:09	08/29/25 09:09	LKH	Mt. Juliet, TN

SAMPLE SUMMARY

MW-15D-20250813 L1889442-09

Collected by
Collected date/time
Received date/time

08/13/25 10:00 08/16/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2590008	1	08/29/25 09:13	08/29/25 09:13	LKH	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

ESI-11-20250813 L1889442-10

Collected by
Collected date/time
Received date/time

08/13/25 12:25 08/16/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2590008	1	08/29/25 09:28	08/29/25 09:28	LKH	Mt. Juliet, TN

⁴ Cn

⁵ Sr

DUP-01-20250813 L1889442-11

Collected by
Collected date/time
Received date/time

08/13/25 10:07 08/16/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG2590008	1	08/29/25 09:34	08/29/25 09:34	LKH	Mt. Juliet, TN

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

SAMPLE RESULT SUMMARY
ORGANIC ANALYSIS DATA SHEET

Lab Sample ID: L1889442-01
 Client Sample ID: PW-3R-20250813
 Lab File ID: 0829_08
 Instrument ID: AIRGC2
 Analytical Batch: WG2590004
 Dilution Factor: 1
 Analytical Method: RSK175
 Matrix: GW
 Total Solids (%): _____

SDG: L1889442
 Collected Date/Time: 08/13/25 13:50
 Received Date/Time: 08/16/25 09:00
 Preparation Date/Time: 08/29/25 09:54
 Analysis Date/Time: 08/29/25 09:54
 Prep Method: RSK175
 Sample Vol Used: 20 mL
 Initial Wt/Vol: _____
 Final Wt/Vol: 20 mL

Analyte	CAS	RT	Result <i>ug/l</i>	Qualifier	MDL <i>ug/l</i>	RDL <i>ug/l</i>
Methane	74-82-8	0.51	6220	T8	5.10	10.0
Ethane	74-84-0	0.65	95.8	T8	3.40	13.0
Ethene	74-85-1	0.72	307	T8	3.40	13.0
Acetylene	74-86-2	0	U	T8	5.58	20.8

SAMPLE RESULT SUMMARY
ORGANIC ANALYSIS DATA SHEET

Lab Sample ID: L1889442-02
 Client Sample ID: MW-10D-20250813
 Lab File ID: 0829_09
 Instrument ID: AIRGC2
 Analytical Batch: WG2590004
 Dilution Factor: 1
 Analytical Method: RSK175
 Matrix: GW
 Total Solids (%): _____

SDG: L1889442
 Collected Date/Time: 08/13/25 11:05
 Received Date/Time: 08/16/25 09:00
 Preparation Date/Time: 08/29/25 10:02
 Analysis Date/Time: 08/29/25 10:02
 Prep Method: RSK175
 Sample Vol Used: 20 mL
 Initial Wt/Vol: _____
 Final Wt/Vol: 20 mL

Analyte	CAS	RT	Result <i>ug/l</i>	Qualifier	MDL <i>ug/l</i>	RDL <i>ug/l</i>
Methane	74-82-8	0.51	124	T8	5.10	10.0
Ethane	74-84-0	0	U	T8	3.40	13.0
Ethene	74-85-1	0	U	T8	3.40	13.0
Acetylene	74-86-2	0	U	T8	5.58	20.8

SAMPLE RESULT SUMMARY
ORGANIC ANALYSIS DATA SHEET

Lab Sample ID: L1889442-03
 Client Sample ID: PW-1-20250813
 Lab File ID: 0829_10
 Instrument ID: AIRGC2
 Analytical Batch: WG2590004
 Dilution Factor: 1
 Analytical Method: RSK175
 Matrix: GW
 Total Solids (%): _____

SDG: L1889442
 Collected Date/Time: 08/13/25 08:35
 Received Date/Time: 08/16/25 09:00
 Preparation Date/Time: 08/29/25 10:05
 Analysis Date/Time: 08/29/25 10:05
 Prep Method: RSK175
 Sample Vol Used: 20 mL
 Initial Wt/Vol: _____
 Final Wt/Vol: 20 mL

Analyte	CAS	RT	Result <i>ug/l</i>	Qualifier	MDL <i>ug/l</i>	RDL <i>ug/l</i>
Methane	74-82-8	0	U	T8	5.10	10.0
Ethane	74-84-0	0	U	T8	3.40	13.0
Ethene	74-85-1	0	U	T8	3.40	13.0
Acetylene	74-86-2	0	U	T8	5.58	20.8

SAMPLE RESULT SUMMARY
ORGANIC ANALYSIS DATA SHEET

Lab Sample ID: L1889442-04
 Client Sample ID: ESI-3-20250813
 Lab File ID: 0829_11
 Instrument ID: AIRGC2
 Analytical Batch: WG2590004
 Dilution Factor: 1
 Analytical Method: RSK175
 Matrix: GW
 Total Solids (%): _____

SDG: L1889442
 Collected Date/Time: 08/13/25 09:15
 Received Date/Time: 08/16/25 09:00
 Preparation Date/Time: 08/29/25 10:08
 Analysis Date/Time: 08/29/25 10:08
 Prep Method: RSK175
 Sample Vol Used: 20 mL
 Initial Wt/Vol: _____
 Final Wt/Vol: 20 mL

Analyte	CAS	RT	Result <i>ug/l</i>	Qualifier	MDL <i>ug/l</i>	RDL <i>ug/l</i>
Methane	74-82-8	0	U	T8	5.10	10.0
Ethane	74-84-0	0	U	T8	3.40	13.0
Ethene	74-85-1	0	U	T8	3.40	13.0
Acetylene	74-86-2	0	U	T8	5.58	20.8

SAMPLE RESULT SUMMARY
ORGANIC ANALYSIS DATA SHEET

Lab Sample ID: L1889442-05
 Client Sample ID: ESI-2D-20250813
 Lab File ID: 0829_13
 Instrument ID: AIRGC2
 Analytical Batch: WG2590004
 Dilution Factor: 1
 Analytical Method: RSK175
 Matrix: GW
 Total Solids (%): _____

SDG: L1889442
 Collected Date/Time: 08/13/25 07:40
 Received Date/Time: 08/16/25 09:00
 Preparation Date/Time: 08/29/25 10:37
 Analysis Date/Time: 08/29/25 10:37
 Prep Method: RSK175
 Sample Vol Used: 20 mL
 Initial Wt/Vol: _____
 Final Wt/Vol: 20 mL

Analyte	CAS	RT	Result <i>ug/l</i>	Qualifier	MDL <i>ug/l</i>	RDL <i>ug/l</i>
Methane	74-82-8	0.51	292	T8	5.10	10.0
Ethane	74-84-0	0	U	T8	3.40	13.0
Ethene	74-85-1	0	U	T8	3.40	13.0
Acetylene	74-86-2	0	U	T8	5.58	20.8

SAMPLE RESULT SUMMARY
ORGANIC ANALYSIS DATA SHEET

Lab Sample ID: L1889442-06
 Client Sample ID: PW-2-20250813
 Lab File ID: 0829_03
 Instrument ID: AIRGC4
 Analytical Batch: WG2590008
 Dilution Factor: 1
 Analytical Method: RSK175
 Matrix: GW
 Total Solids (%): _____

SDG: L1889442
 Collected Date/Time: 08/13/25 07:00
 Received Date/Time: 08/16/25 09:00
 Preparation Date/Time: 08/29/25 09:00
 Analysis Date/Time: 08/29/25 09:00
 Prep Method: RSK175
 Sample Vol Used: 20 mL
 Initial Wt/Vol: _____
 Final Wt/Vol: 20 mL

Analyte	CAS	RT	Result <i>ug/l</i>	Qualifier	MDL <i>ug/l</i>	RDL <i>ug/l</i>
Methane	74-82-8	0.58	466	T8	5.10	10.0
Ethane	74-84-0	0.74	7.84	J T8	3.40	13.0
Ethene	74-85-1	0	U	T8	3.40	13.0
Acetylene	74-86-2	0	U	T8	5.58	20.8

SAMPLE RESULT SUMMARY
ORGANIC ANALYSIS DATA SHEET

Lab Sample ID: L1889442-07
Client Sample ID: ESI-10-20250813
Lab File ID: 0829_04
Instrument ID: AIRGC4
Analytical Batch: WG2590008
Dilution Factor: 1
Analytical Method: RSK175
Matrix: GW
Total Solids (%): _____

SDG: L1889442
Collected Date/Time: 08/13/25 11:45
Received Date/Time: 08/16/25 09:00
Preparation Date/Time: 08/29/25 09:04
Analysis Date/Time: 08/29/25 09:04
Prep Method: RSK175
Sample Vol Used: 20 mL
Initial Wt/Vol: _____
Final Wt/Vol: 20 mL

Analyte	CAS	RT	Result <i>ug/l</i>	Qualifier	MDL <i>ug/l</i>	RDL <i>ug/l</i>
Methane	74-82-8	0	U	T8	5.10	10.0
Ethane	74-84-0	0	U	T8	3.40	13.0
Ethene	74-85-1	0	U	T8	3.40	13.0
Acetylene	74-86-2	0	U	T8	5.58	20.8

SAMPLE RESULT SUMMARY
ORGANIC ANALYSIS DATA SHEET

Lab Sample ID: L1889442-08	SDG: L1889442
Client Sample ID: ESI-12-20250813	Collected Date/Time: 08/13/25 13:05
Lab File ID: 0829_05	Received Date/Time: 08/16/25 09:00
Instrument ID: AIRGC4	Preparation Date/Time: 08/29/25 09:09
Analytical Batch: WG2590008	Analysis Date/Time: 08/29/25 09:09
Dilution Factor: 1	Prep Method: RSK175
Analytical Method: RSK175	Sample Vol Used: 20 mL
Matrix: GW	Initial Wt/Vol: _____
Total Solids (%): _____	Final Wt/Vol: 20 mL

Analyte	CAS	RT	Result <i>ug/l</i>	Qualifier	MDL <i>ug/l</i>	RDL <i>ug/l</i>
Methane	74-82-8	0.58	92.9	T8	5.10	10.0
Ethane	74-84-0	0	U	T8	3.40	13.0
Ethene	74-85-1	0	U	T8	3.40	13.0
Acetylene	74-86-2	0	U	T8	5.58	20.8

SAMPLE RESULT SUMMARY
ORGANIC ANALYSIS DATA SHEET

Lab Sample ID: L1889442-09
 Client Sample ID: MW-15D-20250813
 Lab File ID: 0829_06
 Instrument ID: AIRGC4
 Analytical Batch: WG2590008
 Dilution Factor: 1
 Analytical Method: RSK175
 Matrix: GW
 Total Solids (%): _____

SDG: L1889442
 Collected Date/Time: 08/13/25 10:00
 Received Date/Time: 08/16/25 09:00
 Preparation Date/Time: 08/29/25 09:13
 Analysis Date/Time: 08/29/25 09:13
 Prep Method: RSK175
 Sample Vol Used: 20 mL
 Initial Wt/Vol: _____
 Final Wt/Vol: 20 mL

Analyte	CAS	RT	Result <i>ug/l</i>	Qualifier	MDL <i>ug/l</i>	RDL <i>ug/l</i>
Methane	74-82-8	0	U	T8	5.10	10.0
Ethane	74-84-0	0	U	T8	3.40	13.0
Ethene	74-85-1	0	U	T8	3.40	13.0
Acetylene	74-86-2	0	U	T8	5.58	20.8

SAMPLE RESULT SUMMARY
ORGANIC ANALYSIS DATA SHEET

Lab Sample ID: L1889442-10	SDG: L1889442
Client Sample ID: ESI-11-20250813	Collected Date/Time: 08/13/25 12:25
Lab File ID: 0829_07	Received Date/Time: 08/16/25 09:00
Instrument ID: AIRGC4	Preparation Date/Time: 08/29/25 09:28
Analytical Batch: WG2590008	Analysis Date/Time: 08/29/25 09:28
Dilution Factor: 1	Prep Method: RSK175
Analytical Method: RSK175	Sample Vol Used: 20 mL
Matrix: GW	Initial Wt/Vol: _____
Total Solids (%): _____	Final Wt/Vol: 20 mL

Analyte	CAS	RT	Result <i>ug/l</i>	Qualifier	MDL <i>ug/l</i>	RDL <i>ug/l</i>
Methane	74-82-8	0.58	74.6	T8	5.10	10.0
Ethane	74-84-0	0	U	T8	3.40	13.0
Ethene	74-85-1	0	U	T8	3.40	13.0
Acetylene	74-86-2	0	U	T8	5.58	20.8

SAMPLE RESULT SUMMARY
ORGANIC ANALYSIS DATA SHEET

Lab Sample ID: L1889442-11
 Client Sample ID: DUP-01-20250813
 Lab File ID: 0829_08
 Instrument ID: AIRGC4
 Analytical Batch: WG2590008
 Dilution Factor: 1
 Analytical Method: RSK175
 Matrix: GW
 Total Solids (%): _____

SDG: L1889442
 Collected Date/Time: 08/13/25 10:07
 Received Date/Time: 08/16/25 09:00
 Preparation Date/Time: 08/29/25 09:34
 Analysis Date/Time: 08/29/25 09:34
 Prep Method: RSK175
 Sample Vol Used: 20 mL
 Initial Wt/Vol: _____
 Final Wt/Vol: 20 mL

Analyte	CAS	RT	Result <i>ug/l</i>	Qualifier	MDL <i>ug/l</i>	RDL <i>ug/l</i>
Methane	74-82-8	0	U	T8	5.10	10.0
Ethane	74-84-0	0	U	T8	3.40	13.0
Ethene	74-85-1	0	U	T8	3.40	13.0
Acetylene	74-86-2	0	U	T8	5.58	20.8

	Subcontract Chain of Custody Pace Analytical National 12065 Lebanon Road Mt. Juliet, TN 37122	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Pace Job Number L2551009 </div> <p style="text-align: right;">Page 1 L1989442</p>
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Client Information	Project Information	Regulatory Requirements/Report Limits
Client: Pace Analytical Labs Address: Eight Walkup Drive Westborough, MA 01581-1019 Report To: west.subreports@pacelabs.com Bill To: invoices@pacelabs.coupa.com Phone: 716.427.5229 Email: Melissa.Deyo@pacelabs.com	Project Location: NY Project Manager: Melissa Deyo <div style="border: 1px solid black; padding: 5px; text-align: center;"> Turnaround & Deliverables Information </div> Due Date: Deliverables: ASP Category B Deliverables (Level 4)	State/Federal Program: Regulatory Criteria: NY-AWQS; NY-TOGS-GA Report to MDL

Project Specific Requirements and/or Report Requirements

Reference following Pace Job Number on final report/deliverables: L2551009 Report to include Method and/or Regulatory required batch QC

Additional Comments: MEE+Acetylene

Lab ID	Pace ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Sample Level Comments	Sample Specific QC	Container Count
	L2551009-01	PW-3R-20250813	08-13-25 13:50	WATER	Dissolved Gasses	MEE+Acetylene		3 -01
	L2551009-02	MW-10D-20250813	08-13-25 11:05	WATER	Dissolved Gasses	MEE+Acetylene		3 -02
	L2551009-03	PW-1-20250813	08-13-25 08:35	WATER	Dissolved Gasses	MEE+Acetylene		3 -03
	L2551009-04	ESI-3-20250813	08-13-25 09:15	WATER	Dissolved Gasses	MEE+Acetylene		3 -04
	L2551009-05	ESI-2D-20250813	08-13-25 07:40	WATER	Dissolved Gasses	MEE+Acetylene		3 -05
	L2551009-06	PW-2-20250813	08-13-25 07:00	WATER	Dissolved Gasses	MEE+Acetylene		3 -06
	L2551009-07	ESI-10-20250813	08-13-25 11:45	WATER	Dissolved Gasses	MEE+Acetylene		3 -07
	L2551009-08	ESI-12-20250813	08-13-25 13:05	WATER	Dissolved Gasses	MEE+Acetylene		3 -08
	L2551009-09	MW-15D-20250813	08-13-25 10:00	WATER	Dissolved Gasses	MEE+Acetylene, MS/MSD needed	MS;MSD	9 -09
	L2551009-10	ESI-11-20250813	08-13-25 12:25	WATER	Dissolved Gasses	MEE+Acetylene, MS/MSD needed		3 -10

CRA 9 2.4-0.1 = 23RK: 8836 0488 5262

Sample Receipt Checklist
 COC Seal Present/Intact: Y N NP If Applicable
 COC Signed/Accurate: Y N VOA Zero Headspace: Y N
 Bottles arrive intact: Y N Pres. Correct/Check: Y N
 Correct bottles used: Y N
 Sufficient volume sent: Y N Condition: NCF OK
 RA Screen <0.5 mR/hr: Y N Count = 39

	Relinquished By:	Date/Time:	Received By:	Date/Time:
	<i>C. Debrau</i>		<i>Stewart</i>	8/16/25 9:00am
Form No: AL_subcoc				

L1869442

	Subcontract Chain of Custody Pace Analytical National 12065 Lebanon Road Mt. Juliet, TN 37122	Pace Job Number L2551009
	Page 2	

Client Information	Project Information	Regulatory Requirements/Report Limits
Client: Pace Analytical Labs Address: Eight Walkup Drive Westborough, MA 01581-1019 Report To: west.subreports@pacelabs.com Bill To: invoices@pacelabs.couphost.com Phone: 716.427.5229 Email: Melissa.Deyo@pacelabs.com	Project Location: NY Project Manager: Melissa Deyo Turnaround & Deliverables Information Due Date: Deliverables: ASP Category B Deliverables (Level 4)	State/Federal Program: Regulatory Criteria: NY-AWQS;NY-TOGS-GA Report to MDL

Project Specific Requirements and/or Report Requirements

Reference following Pace Job Number on final report/deliverables: L2551009 Report to include Method and/or Regulatory required batch QC

Additional Comments: MEE+Acetylene

Lab ID	Pace ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Sample Level Comments	Sample Specific QC	Container Count
	L2551009-11	DUP-01-20250813	08-13-25 10:07	WATER	Dissolved Gasses	MEE+Acetylene, MS/MSD needed		3

Form No: AL_subcoc	Relinquished By:	Date/Time:	Received By:	Date/Time:
	<i>C. J. J. J.</i>		<i>Stewart</i>	8/16/25 9:00am

Appendix B

*Laboratory
QC
Documentation*

Matrix Spike Sample Summary

Form 3

Volatiles

Client : C&S Companies
Project Name : JCC PRR 2025
Client Sample ID : MW-15D-20250813
Lab Sample ID : L2551009-09
Matrix Spike : WG2107545-6
Matrix Spike Dup : WG2107545-7

Lab Number : L2551009
Project Number : N30
Matrix (Level) : WATER (LOW)
Analysis Date : 08/25/25 12:14
MS Analysis Date : 08/25/25 17:10
MSD Analysis Date : 08/25/25 17:34

Parameter	Sample Conc. (ug/l)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R			
Vinyl chloride	ND	10	11	110	10	12	120	9	55-140	20
Chloroethane	ND	10	12	120	10	12	120	0	55-138	20
1,1-Dichloroethene	ND	10	12	120	10	12	120	0	61-145	20
trans-1,2-Dichloroethene	ND	10	11	110	10	11	110	0	70-130	20
Trichloroethene	ND	10	10	100	10	9.6	96	4	70-130	20
1,2-Dichlorobenzene	ND	10	10	100	10	10	100	0	70-130	20
1,3-Dichlorobenzene	ND	10	10	100	10	9.8	98	2	70-130	20
1,4-Dichlorobenzene	ND	10	9.7	97	10	9.5	95	2	70-130	20
Methyl tert butyl ether	ND	10	10	100	10	11	110	10	63-130	20
p/m-Xylene	ND	20	20	100	20	20	100	0	70-130	20
o-Xylene	ND	20	20	100	20	20	100	0	70-130	20
cis-1,2-Dichloroethene	ND	10	11	110	10	11	110	0	70-130	20
Styrene	ND	20	22	110	20	21	105	5	70-130	20
Dichlorodifluoromethane	ND	10	11	110	10	11	110	0	36-147	20
Acetone	14	10	25	110	10	19	50 Q	27 Q	58-148	20
Carbon disulfide	ND	10	11	110	10	11	110	0	51-130	20
2-Butanone	ND	10	12	120	10	11	110	9	63-138	20
4-Methyl-2-pentanone	ND	10	9.8	98	10	9.9	99	1	59-130	20
2-Hexanone	ND	10	10	100	10	9.8	98	2	57-130	20
Bromochloromethane	ND	10	12	120	10	12	120	0	70-130	20
1,2-Dibromoethane	ND	10	11	110	10	10	100	10	70-130	20
1,2-Dibromo-3-chloropropane	ND	10	10	100	10	11	110	10	41-144	20



Initial Calibration Summary

Form 6

Volatiles

Client : C&S Companies
Project Name : JCC PRR 2025
Instrument ID : VOA122
Calibration dates : 08/21/25 14:34 08/21/25 18:39

Lab Number : L2551009
Project Number : N30
Ical Ref : ICAL22572

Calibration Files

L11 =V22250821A03.D L1 =V22250821A06.D L2 =V22250821A07.D L3 =V22250821A09.D L4 =V22250821A10.D
 L6 =V22250821A11.D L8 =V22250821A12.D L10 =V22250821A13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1) I Fluorobenzene	-----ISTD-----									
2) TP Dichlorodifluo		0.214	0.183	0.225	0.200	0.194	0.179	0.168	0.195	10.27
3) TP Chloromethane		0.175	0.171	0.177	0.149	0.141	0.137	0.135	0.155	11.92
4) TP Vinyl chloride	0.176	0.161	0.159	0.181	0.163	0.154	0.148	0.141	0.160	8.27
5) TP Bromomethane		0.096	0.066	0.077	0.073	0.079	0.080	0.086	0.080	11.85
6) TP Chloroethane		0.116	0.116	0.111	0.092	0.087	0.082	0.080	0.098	16.24
7) TP Trichlorofluor		0.275	0.257	0.296	0.265	0.258	0.246	0.239	0.262	7.31
8) TP Ethyl ether		0.058	0.048	0.053	0.054	0.057	0.056	0.055	0.054	5.96
10) TP 1,1-Dichloroet		0.119	0.123	0.134	0.126	0.125	0.120	0.119	0.124	4.45
11) TP Carbon disulfide		0.522	0.476	0.515	0.445	0.436	0.414	0.401	0.459	10.32
12) TP Freon-113		0.145	0.126	0.154	0.142	0.139	0.130	0.127	0.137	7.64
13) TP Iodomethane									0.000#	-1.00
14) TP Acrolein			0.009	0.011	0.012	0.012	0.012	0.012	0.011	11.60
15) TP Methylene chlo		0.166	0.180	0.171	0.151	0.143	0.138	0.133	0.155	11.61
17) TP Acetone			0.026	0.023	0.020	0.020	0.019	0.019	0.022	13.21
18) TP trans-1,2-Dich		0.142	0.158	0.152	0.138	0.139	0.137	0.133	0.143	6.18
19) TP Methyl acetate		0.051	0.064	0.053	0.050	0.049	0.049	0.050	0.052	10.13
21) TP Methyl tert butyl ether		0.168	0.186	0.218	0.244	0.258	0.261	0.261	0.228	16.76
22) TP tert-Butyl alc		0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004#	13.38
24) TP Diisopropyl ether		0.273	0.275	0.305	0.342	0.368	0.361	0.355	0.325	12.56
25) TP 1,1-Dichloroet		0.298	0.319	0.305	0.280	0.269	0.257	0.248	0.282#	9.25
26) TP Halothane		0.109	0.113	0.120	0.109	0.108	0.103	0.101	0.109	5.77
27) TP Acrylonitrile		0.029	0.026	0.026	0.024	0.024	0.023	0.024	0.025	7.48
28) TP Ethyl tert-but		0.179	0.213	0.241	0.274	0.299	0.297	0.295	0.257	18.30
29) TP Vinyl acetate		0.124	0.145	0.163	0.188	0.204	0.194	0.196	0.173	17.29
30) TP cis-1,2-Dichlo		0.137	0.164	0.155	0.149	0.149	0.143	0.141	0.148#	6.15
31) TP 2,2-Dichloropr		0.243	0.224	0.248	0.221	0.220	0.210	0.206	0.224	7.03
32) TP Bromochloromet		0.087	0.082	0.080	0.074	0.070	0.066	0.063	0.075#	11.72
33) TP Cyclohexane			0.124	0.216	0.227	0.238	0.236	0.232	*L	0.9998
34) TP Chloroform		0.307	0.345	0.295	0.269	0.265	0.261	0.257	0.285#	11.22
35) TP Ethyl acetate			0.057	0.060	0.063	0.067	0.067	0.068	0.064	6.93
36) TP Carbon tetrachloride	0.216	0.242	0.230	0.274	0.255	0.253	0.239	0.239	0.244	7.20
37) TP Tetrahydrofuran			0.016	0.020	0.021	0.021	0.022	0.022	0.020	10.54
38) S Dibromofluoromethane	0.381	0.374	0.368	0.337	0.321	0.302	0.292	0.291	0.333	11.22
39) TP 1,1,1-Trichlor		0.251	0.259	0.287	0.260	0.260	0.251	0.244	0.259	5.28
41) TP 2-Butanone			0.025	0.028	0.026	0.026	0.028	0.028	0.027	5.15



Initial Calibration Summary

Form 6

Volatiles

Client : C&S Companies
Project Name : JCC PRR 2025
Instrument ID : VOA122
Calibration dates : 08/21/25 14:34 08/21/25 18:39

Lab Number : L2551009
Project Number : N30
Ical Ref : ICAL22572

Calibration Files

L11 =V22250821A03.D L1 =V22250821A06.D L2 =V22250821A07.D L3 =V22250821A09.D L4 =V22250821A10.D
 L6 =V22250821A11.D L8 =V22250821A12.D L10 =V22250821A13.D

Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
42) TP 1,1-Dichloropr		0.136	0.132	0.177	0.183	0.194	0.187	0.198	0.173	15.70
44) TP Benzene	0.523	0.502	0.494	0.526	0.526	0.542	0.525	0.508	0.518	3.01
45) TP Tertiary-Amyl Methyl Ether		0.171	0.178	0.198	0.229	0.253	0.257	0.265	0.221	17.62
46) S 1,2-Dichloroethane-d4	0.342	0.347	0.346	0.324	0.313	0.300	0.292	0.293	0.320	7.35
47) T 1,2-Dichloroethane	0.214	0.184	0.190	0.174	0.169	0.170	0.164	0.161	0.178	9.82
50) TP Methyl cyclohe		0.111	0.199	0.225	0.252	0.243	0.238	*L		0.9992
51) TP Trichloroethene	0.181	0.159	0.149	0.154	0.153	0.161	0.155	0.152	0.158#	6.38
53) TP Dibromomethane		0.080	0.101	0.086	0.084	0.082	0.081	0.080	0.085	8.64
54) TP 1,2-Dichloropr		0.133	0.141	0.144	0.146	0.145	0.141	0.139	0.141#	3.16
56) TP 2-Chloroethyl		0.027	0.033	0.037	0.041	0.042	0.043	0.037		16.85
57) TP Bromodichlorom		0.202	0.206	0.204	0.208	0.207	0.203	0.200	0.204#	1.40
60) TP 1,4-Dioxane		0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000#	8.16
61) TP cis-1,3-Dichloropropene	0.147	0.147	0.158	0.176	0.203	0.217	0.213	0.211	0.184#	16.55
62) I Chlorobenzene-d5	-----ISTD-----									
63) S Toluene-d8	1.269	1.288	1.285	1.297	1.310	1.294	1.295	1.292	1.291	0.90
64) TP Toluene		0.390	0.393	0.428	0.421	0.421	0.411	0.405	0.410	3.55
65) TP 4-Methyl-2-pen		0.019	0.020	0.022	0.024	0.026	0.027	0.023#		14.37
66) TP Tetrachloroethene	0.175	0.208	0.168	0.213	0.212	0.216	0.206	0.198	0.200	9.08
68) TP trans-1,3-Dichloropropene	0.136	0.135	0.150	0.176	0.208	0.220		*Q		0.9987
70) TP Ethyl methacry		0.078	0.093	0.109	0.116	0.119	0.122	0.106		16.21
71) TP 1,1,2-Trichlor	0.062	0.084	0.091	0.095	0.097	0.097	0.097	0.089#		14.24
72) TP Chlorodibromom	0.129	0.156	0.157	0.169	0.176	0.177	0.177	0.163#		10.69
73) TP 1,3-Dichloropr	0.140	0.160	0.179	0.197	0.202	0.204	0.202	0.183		13.65
74) TP 1,2-Dibromoethane	0.084	0.096	0.106	0.115	0.117	0.118	0.119	0.108#		12.36
76) TP 2-Hexanone		0.032	0.031	0.034	0.034	0.037	0.036	0.034		6.46
77) TP Chlorobenzene	0.494	0.491	0.499	0.491	0.491	0.483	0.473	0.489		1.71
78) TP Ethylbenzene	0.649	0.698	0.857	0.878	0.882	0.859	0.829	0.807		11.66
79) TP 1,1,1,2-Tetrac	0.151	0.172	0.174	0.182	0.188	0.185	0.184	0.177		7.17
80) TP p/m Xylene	0.235	0.251	0.323	0.334	0.336	0.327	0.318	0.303		13.81
81) TP o Xylene	0.196	0.227	0.296	0.319	0.322	0.316	0.308	0.283		17.92
82) TP Styrene	0.294	0.387	0.509	0.534	0.535	0.521	0.494	0.468		19.65
83) I 1,4-Dichlorobenzene-d4	-----ISTD-----									
84) TP Bromoform	0.173	0.160	0.154	0.161	0.167	0.178	0.177	0.167		5.54
86) TP Isopropylbenzene	1.004	0.996	1.382	1.441	1.538	1.593	1.549	1.357		18.74
87) S 4-Bromofluorobenzene	0.765	0.770	0.752	0.760	0.746	0.761	0.820	0.832	0.776	4.13
88) TP Bromobenzene	0.335	0.361	0.351	0.343	0.353	0.374	0.363	0.354		3.71



Calibration Verification Summary

Form 7

Volatiles

Client : C&S Companies
 Project Name : JCC PRR 2025
 Instrument ID : VOA122
 Lab File ID : V22250825A01
 Sample No : WG2107545-2
 Channel :

Lab Number : L2551009
 Project Number : N30
 Calibration Date : 08/25/25 06:57
 Init. Calib. Date(s) : 08/21/25 08/21/25
 Init. Calib. Times : 14:34 18:39

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	105	0
Dichlorodifluoromethane	0.195	0.169	-	13.3	20	79	0
Chloromethane	0.155	0.14	-	9.7	20	83	0
Vinyl chloride	0.16	0.141	-	11.9	20	82	0
Bromomethane	0.08	0.068	-	15	20	93	0
Chloroethane	0.098	0.089	-	9.2	20	84	0
Trichlorofluoromethane	0.262	0.26	-	0.8	20	93	0
1,1-Dichloroethene	0.124	0.118	-	4.8	20	92	0
Carbon disulfide	0.459	0.418	-	8.9	20	85	0
Freon-113	0.137	0.148	-	-8	20	101	0
Methylene chloride	0.155	0.145	-	6.5	20	89	0
Acetone	0.022	0.019	-	13.6	20	84	0
trans-1,2-Dichloroethene	0.143	0.138	-	3.5	20	96	0
Methyl acetate	0.052	0.047	-	9.6	20	93	0
Methyl tert-butyl ether	0.228	0.179	-	21.5*	20	86	0
1,1-Dichloroethane	0.282	0.266*	-	5.7	20	92	0
cis-1,2-Dichloroethene	0.148	0.143*	-	3.4	20	97	0
Bromochloromethane	0.075	0.074*	-	1.3	20	97	0
Cyclohexane	10	8.584	-	14.2	20	88	0
Chloroform	0.285	0.277*	-	2.8	20	99	0
Carbon tetrachloride	0.244	0.26	-	-6.6	20	100	0
Dibromofluoromethane	0.333	0.357	-	-7.2	20	111	0
1,1,1-Trichloroethane	0.259	0.267	-	-3.1	20	98	0
2-Butanone	0.027	0.023	-	14.8	20	87	0
Benzene	0.518	0.455	-	12.2	20	91	0
1,2-Dichloroethane-d4	0.32	0.333	-	-4.1	20	108	0
1,2-Dichloroethane	0.178	0.161	-	9.6	20	98	0
Methyl cyclohexane	10	8.251	-	17.5	20	91	0
Trichloroethene	0.158	0.136*	-	13.9	20	93	0
1,2-Dichloropropane	0.141	0.121*	-	14.2	20	88	0
Bromodichloromethane	0.204	0.182*	-	10.8	20	94	0
1,4-Dioxane	0.00048	0.00049*	-	-2.1	20	112	0
cis-1,3-Dichloropropene	0.184	0.154*	-	16.3	20	92	0
Chlorobenzene-d5	1	1	-	0	20	107	0
Toluene-d8	1.291	1.287	-	0.3	20	106	0
Toluene	0.41	0.366	-	10.7	20	91	0
4-Methyl-2-pentanone	0.023	0.015*	-	34.8*	20	80	0
Tetrachloroethene	0.2	0.194	-	3	20	97	0
trans-1,3-Dichloropropene	10	8.051	-	19.5	20	92	0
1,1,2-Trichloroethane	0.089	0.075*	-	15.7	20	88	0
Chlorodibromomethane	0.163	0.141*	-	13.5	20	96	0
1,2-Dibromoethane	0.108	0.093*	-	13.9	20	93	0
2-Hexanone	0.034	0.024	-	29.4*	20	84	0

* Value outside of QC limits.



Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).

Subject: Re: New Bottle Order: 2025 JCC PRR Sampling

Date: 7/16/2025 2:57 PM

From: "Candace Fox" <Candace.Fox@pacelabs.com>

To: "Brian Wasilewski" <BWasilewski@cscos.com>, "NYServiceCenter" <NYServiceCenter@pacelabs.com>

■
Hi Brian,

I have pulled our service center into this response, and they will take care of preparing the requested bottles.

Last year, Pace in Westborough was able to run the dissolved gases. However, Westborough no longer carries certification and has since dropped the method. I can confirm that our East Longmeadow does support reporting Acetylene now, and the samples will have to sent there for the analysis.

NYSC - please send the dissolved gas vials required by East Longmeadow for this order and let Brian know if he should pick up the order, or if you will drop them off.

Committed to you,

Candace Fox

Project Manager 2 - Westborough, MA
Pace Analytical Services
O: 716-427-5223 | www.pacelabs.com
Rapid Response Line | (877) 859-7778



From: Brian Wasilewski <BWasilewski@cscos.com>

Sent: Wednesday, July 16, 2025 2:36 PM

To: Candace Fox <Candace.Fox@pacelabs.com>

Subject: New Bottle Order: 2025 JCC PRR Sampling

CAUTION: This email originated from outside Pace Analytical. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Candace,

I need to order some bottle for the following groundwater sampling project:

Name: 2025 JCC PRR Sampling

Project Number: N30.001.015

We will need groundwater sampling containers for the following:

-19 TCL VOCs- EPA 8260D
 -19 Dissolved Gasses

For this project last year, we had tested for the dissolved gasses: Methane, Ethane, Ethene, and Acetylene. From my notes, this needed to be subcontracted out last year. We did two days of sampling and one day went to the Pace in Westborough and one day went to Con-Test in East Longmeadow. The only reason I mention this is the Westborough tested for Acetylene and Con-Test did not. The DEC has asked us to make sure we test for Acetylene this year so if they could all go through Pace Westborough that would be greatly appreciated.

This sampling is expected to start the first week of August. We will not need any expedited testing on this project. Please let me know what's easier, me picking them up or y'all dropping them off. Let me know if you have any other questions.

Thanks



[Build your career at C&S!](#)

Brian Wasilewski (he/him/his)
 Environmental Scientist

office: (716) 427-6381

cell: (716) 474-9092

Bwasilewski@cscos.com

141 Elm Street, Suite 100. | Buffalo, NY 14203

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APPENDIX B
GROUNDWATER USE CERTIFICATION

*Jamestown Container Realty Inc.
14 Deming Drive
Falconer, NY 14733*

January 21, 2026

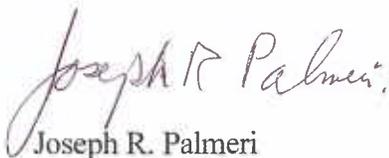
Re: Site Name: Dowcraft, South Dow Street
Site No: 907020
Site Address: 65 South Dow Street, Falconer, NY 14733

To Whom It May Concern,

This confirms that the above referenced property is owned by Jamestown Container Realty Inc. As the property owner, Jamestown Container Realty Inc. hereby certifies that it is not using any ground water drawn from the property.

If you need anything further, please advise.

Sincerely,



Joseph R. Palmeri
Vice President / COO

APPENDIX C
INSTITUTIONAL AND ENGINEERING CONTROLS CERTIFICATION
FORM

Enclosure 1

Certification Instructions

I. Verification of Site Details (Box 1 and Box 2):

Answer the three questions in the Verification of Site Details Section. The Owner and/or Qualified Environmental Professional (QEP) may include handwritten changes and/or other supporting documentation, as necessary.

II. Certification of Institutional Controls/ Engineering Controls (IC/ECs)(Boxes 3, 4, and 5)

1.1.1. Review the listed IC/ECs, confirming that all existing controls are listed, and that all existing controls are still applicable. If there is a control that is no longer applicable the Owner / Remedial Party should petition the Department separately to request approval to remove the control.

2. In Box 5, complete certifications for all Plan components, as applicable, by checking the corresponding checkbox.

3. If you cannot certify "YES" for each Control listed in Box 3 & Box 4, sign and date the form in Box 5. Attach supporting documentation that explains why the **Certification** cannot be rendered, as well as a plan of proposed corrective measures, and an associated schedule for completing the corrective measures. Note that this **Certification** form must be submitted even if an IC or EC cannot be certified; however, the certification process will not be considered complete until corrective action is completed.

If the Department concurs with the explanation, the proposed corrective measures, and the proposed schedule, a letter authorizing the implementation of those corrective measures will be issued by the Department's Project Manager. Once the corrective measures are complete, a new Periodic Review Report (with IC/EC Certification) must be submitted within 45 days to the Department. If the Department has any questions or concerns regarding the PRR and/or completion of the IC/EC Certification, the Project Manager will contact you.

III. IC/EC Certification by Signature (Box 6 and Box 7):

If you certified "YES" for each Control, please complete and sign the IC/EC Certifications page as follows:

- For the Institutional Controls on the use of the property, the certification statement in Box 6 shall be completed and may be made by the property owner or designated representative.
- For the Engineering Controls, the certification statement in Box 7 must be completed by a Professional Engineer or Qualified Environmental Professional, as noted on the form.

SITE NO. 907020

Box 3

Description of Institutional Controls

Parcel

Owner

Institutional Control

371.14-2-42

Jamestown Container Realty, Inc.

Ground Water Use Restriction
Landuse Restriction
Monitoring Plan
O&M Plan

Box 4

Description of Engineering Controls

Parcel

Engineering Control

371.14-2-42

Vapor Mitigation

Sub-Slab Depressurization Systems in Buildings 5, 6, & 9

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and complete.

YES NO

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

(a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

(e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES NO

**IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. 907020

Box 6

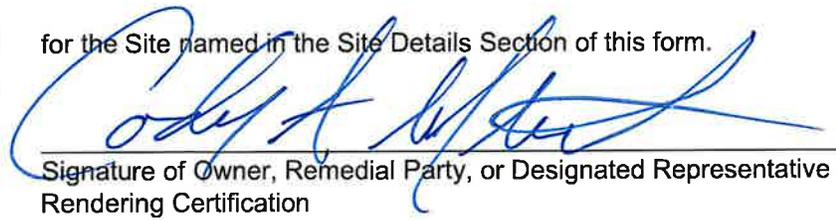
SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1, 2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Cody Martin at CTS Engineers Inc.
141 Elm Street, Suite 100, Buffalo, NY
print name print business address

am certifying as representative of the owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.


Signature of Owner, Remedial Party, or Designated Representative
Rendering Certification

1/21/25
Date

EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Cody Martin at CIS Engineers Inc. 141 Elm Street, Suite 100, Buffalo, NY
print name print business address

am certifying as a Qualified Environmental Professional for the Owner
(Owner or Remedial Party)



Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification

Stamp
(Required for PE)

1/21/2025
Date

APPENDIX D

Purge Water Waste Manifest

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYD002100352	2. Page 1 of 1	3. Emergency Response Phone 800-535-5053	4. Manifest Tracking Number 018976030 FLE		
5. Generator's Name and Mailing Address Jamestown Containers Company 65 South Dow Street Falconer, NY 14773 Generator's Phone: 716-720-9908				Generator's Site Address (if different than mailing address) Dowdell Corp 65 South Dow Street Falconer, NY 14733			
6. Transporter 1 Company Name Environmental Service Group, Inc. (NY)			716.695.6720		U.S. EPA ID Number NYD986903994		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address Veolia ES Technical Solutions, LLC One Eden Lane Flanders, NJ 07836 Facility's Phone: 973-347-7111				U.S. EPA ID Number NJD980536563			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. UN1479, Waste Oxidizing solid, n.o.s., 5.1, II, (Potassium permanganate)	001	DM	005	P	D001	
X	2. UN1479, Waste Oxidizing solid, n.o.s., 5.1, II, (Potassium permanganate)					D001	
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1-1323031 1x55 ERG: 1- 140 24 Hour Emergency Contact: 2-1323034 2- 140 INFOTRAC (Caller Must ID ESG) 800-535-5053							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offoror's Printed/Typed Name				Signature		Month Day Year	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.				Port of entry/exit: _____ Date leaving U.S.: _____			
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name				Signature		Month Day Year	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number: _____							
18b. Alternate Facility (or Generator)				U.S. EPA ID Number			
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator)						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. _____		2. _____		3. _____		4. _____	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name:				Signature		Month Day Year	

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYD002100352	2. Page 1 of 1	3. Emergency Response Phone 800-535-5053		4. Manifest Tracking Number 018976029 FLE				
		5. Generator's Name and Mailing Address Jamestown Container Company 65 South Dow Street Falconer, NY 14773				Generator's Site Address (if different than mailing address) Dowcraft Corp 65 South Dow Street Falconer, NY 14733				
6. Transporter 1 Company Name Environmental Service Group, Inc. (NY)		716.695.8720		U.S. EPA ID Number NYD986903904						
7. Transporter 2 Company Name				U.S. EPA ID Number						
8. Designated Facility Name and Site Address Reworld Iron Corp 35850 Schneider Court Avon, OH 44011				U.S. EPA ID Number OHD066080609						
Facility's Phone: 440-937-8348										
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		1. X RQ, NA3082, Hazardous waste, liquid, n.o.s., 9, III, (Vinyl chloride)			No.	Type			D043	
		2.								
		3.								
		4.								
14. Special Handling Instructions and Additional Information 1 - 5037720 ERG: 1- 171 24 Hour Emergency Contact: INFOTRAC (Caller Must ID ESG) 800-535-5053										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Offoror's Printed/Typed Name X					Signature			Month	Day	Year
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____										
17. Transporter Acknowledgment of Receipt of Materials										
Transporter 1 Printed/Typed Name JAMES FELSSON					Signature			Month	Day	Year
Transporter 2 Printed/Typed Name					Signature			Month	Day	Year
18. Discrepancy										
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
Manifest Reference Number: _____										
18b. Alternate Facility (or Generator)						U.S. EPA ID Number				
Facility's Phone: _____										
18c. Signature of Alternate Facility (or Generator)								Month	Day	Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1.		2.		3.		4.				
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
Printed/Typed Name					Signature			Month	Day	Year

LAND DISPOSAL RESTRICTION NOTIFICATION & CERTIFICATION FORM (LDR)
 CHEMTRON CORPORATION
 35850 SCHNEIDER COURT, AVON, OH 44011
 PHONE (440) 937-6348 FAX (440) 937-6845

PAGE 1 OF 1

GENERATOR NAME Dowcraft Corp. EPA ID NUMBER NYD002100352
 MANIFEST DOCUMENT NO. 018976029FLE DATE 11/26/25
 SIGNATURE  PRINT NAME Colin LoDestro

PLEASE REFER TO INSTRUCTIONS FOR IMPORTANT INFORMATION AND CODES FOR UHC'S AND CERTIFICATION

COMPLETE ALL APPLICABLE ITEMS.

LINE NO.	APPROVAL NO.	EPA WASTE NO.(S)	NWW	WW	SUBCAT.	UHC'S	CERT.
96.1	5037720 5037720	0043	X		S1		A

FOR F001-F005 SPENT SOLVENTS, LIST THE NUMBER NEXT TO THE CONSTITUENT THAT IS PRESENT.

LINE NO.(S)	F001-F005 SOLVENT	LINE NO.(S)	F001-F005 SOLVENT	LINE NO.(S)	F001-F005 SOLVENT
	ACETONE		CYCLOHEXANONE		NITROBENZENE
	BENZENE		O-DICHLOROBENZENE		PYRIDINE
	N-BUTANOL		ETHYL ACETATE		TETRACHLOROETHYLENE
	CARBON DISULFIDE		ETHYL BENZENE		TOLUENE
	CARBON TETRACHLORIDE		ETHYL ETHER		1,1,1-TRICHLOROETHANE
	CHLOROBENZENE		ISOBUTANOL		1,1,2-TRICHLOROETHANE
	O-CRESOL		METHANOL		1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE
	M-CRESOL		METHYLENE CHLORIDE		TRICHLOROETHYLENE
	P-CRESOL		METHYL ETHYL KETONE		TRICHLOROMONOFLUOROMETHANE
	CRESOLS/CRESYLIC ACID		METHYL ISOBUTYL KETONE		XYLENES (MIXED)

UHC'S OR "UNDERLYING HAZARDOUS CONSTITUENTS" ARE REGULATED WITHIN THE UNIVERSAL TREATMENT STANDARDS. GENERATOR'S ARE REQUIRED TO IDENTIFY THE UNDERLYING CONSTITUENTS IN WASTE WITH THE FOLLOWING EPA WASTE NUMBERS: D001 (EXCEPT D001 WASTES WHICH CAN BE TREATED BY CMBST), D002, D012-D043. FOR MORE INFORMATION REFER TO 40 C.F.R. PART 268.



Environmental Service Group, Inc (NY)

177 Wales Avenue
Tonawanda, NY 14150-0242
Phone: 716.695.6720
Fax: 716.695.0161

C+S Engineers

Generator: Dowcraft Corp
Address: 65 South Dow Street
Falconer, NY 14733
Phone: 716-720-9908
Fax:

Job ID: 48490

Job Date: 11/12/2025
Salesman: Linda Grimmer

Job Notes And Notes To Driver:

Collin Lodestro is the contact - BILL IN ACUMATICA J000771

Gen Contact: Brian Storms
Gen EPAID: NYD002100352
Billing Contact: Jesse Alt-Winzig
Billing Phone (716) 955-3021
PO:

Project:
Project Description:

Ordered Quantity:	Rate:	Common Name Description:	Approval Number:	Facility:	Manifest Document Number
1	\$ per 30 Gal.	Hazardous Waste Disposal Only: RemOx Debris	1323031	VFLNJ	018976030FLE
1	\$ per Drum	Hazardous Waste Disposal Only: RemOx Debris	1323031	VFLNJ	018976030FLE
1	\$ per Drum	Hazardous Waste Disposal Only: Hazardous Purge Water	5037720	CHMT	018976029FLE
1	Each	Stop Fee w/Fuel			

Driver Notes:

[Empty box for Driver Notes]

Materials Used:

[Empty box for Materials Used]

Site Time: 1/2 hour 1 hour 2 hour Other _____

GENERATOR SIGNATURE:

Date: 11/26/25

DRIVER SIGNATURE:

Date: 11/26/25

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM PHASE IV Page 1 of 1

Generator Name: Dowcraft Corp. EPA ID# NLD 002100352 State Manifest No. 01897403044
Profile # 13 Z 3031

1. If waste is a wastewater (see 40 CFR 265.2) place "w" next to the applicable code(s)
2. CODES WITH SUBCATEGORIES (Place appropriate letter from section 8 before each code that applies) (See 40 CFR 265 for details)
- | | | | | |
|--|--|---|---|--|
| <input type="checkbox"/> D001 HI-TOC | <input type="checkbox"/> D008 Lead acid batteries | <input type="checkbox"/> K009 Not Calcium Sulfate | <input type="checkbox"/> P085 Lo RMERC Res. | <input type="checkbox"/> U151 HI Hg |
| <input type="checkbox"/> D001 Except HI-TOC | <input type="checkbox"/> D008 Organic Hg > 200 ppm | <input type="checkbox"/> K071 RMERC Res. | <input type="checkbox"/> P085 Not Inc./RMERC Res. | <input type="checkbox"/> U240 2,4 D |
| <input type="checkbox"/> D003 Reactive Cyanide | <input type="checkbox"/> D008 Inorg. Hg > 200 | <input type="checkbox"/> K071 Not RMERC Res. | <input type="checkbox"/> P085 HI Inc./RMERC Res. | <input type="checkbox"/> U240 2,4 esters & Salts |
| <input type="checkbox"/> D003 Reactive Sulfide | <input type="checkbox"/> D009 Hg < 200 | <input type="checkbox"/> K108 Lo RMERC Res. | <input type="checkbox"/> P082 Lo Inc. Res. | |
| <input type="checkbox"/> D003 Explosive | <input type="checkbox"/> F025 Light ends | <input type="checkbox"/> K108 Not RMERC Res. | <input type="checkbox"/> P082 Lo RMERC Res. | |
| <input type="checkbox"/> D003 Water Reactives | <input type="checkbox"/> F025 Spent filter | <input type="checkbox"/> K108 > 200 ppm Hg | <input type="checkbox"/> P092 Not Inc./RMERC Res. | |
| <input type="checkbox"/> D003 Unexp.-Ord. Emg | <input type="checkbox"/> K006 Hydrated | <input type="checkbox"/> P047 Solis | <input type="checkbox"/> P002 HI Inc./RMERC Res. | |
| <input type="checkbox"/> D003 Other Reactives | <input type="checkbox"/> K006 Anhydrous | <input type="checkbox"/> P047 NonSolis | <input type="checkbox"/> U151 Lo Not RMERC Res. | |
| <input type="checkbox"/> D008 Batteries | <input type="checkbox"/> K009 Calcium Sulfate | <input type="checkbox"/> P005 Lo Inc. Res. | | |

The subcategory for D018-D043 waste is "treated in non CWA/SOWA facility" unless the following box is checked: "treated in CWA/SOWA facility"

3. COMMON CODES (Place appropriate letter from section 8 before each code that applies)
- | | | | | | | | | | | | | | | | |
|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| <input type="checkbox"/> D002 | <input type="checkbox"/> F012 | <input type="checkbox"/> F030 | <input type="checkbox"/> F051 | <input type="checkbox"/> F098 | <input type="checkbox"/> F105 | <input type="checkbox"/> F205 | <input type="checkbox"/> F006 | <input type="checkbox"/> F007 | <input type="checkbox"/> F008 | <input type="checkbox"/> F009 | <input type="checkbox"/> F010 | <input type="checkbox"/> F011 | <input type="checkbox"/> F012 | <input type="checkbox"/> F019 | <input type="checkbox"/> F039 |
| <input type="checkbox"/> D004 | <input type="checkbox"/> D005 | <input type="checkbox"/> D006 | <input type="checkbox"/> D007 | <input type="checkbox"/> D008 | <input type="checkbox"/> D009 | <input type="checkbox"/> D010 | <input type="checkbox"/> D011 | <input type="checkbox"/> D012 | <input type="checkbox"/> D013 | <input type="checkbox"/> D014 | <input type="checkbox"/> D015 | <input type="checkbox"/> D016 | <input type="checkbox"/> D017 | <input type="checkbox"/> D018 | <input type="checkbox"/> D019 |
| <input type="checkbox"/> D020 | <input type="checkbox"/> D021 | <input type="checkbox"/> D022 | <input type="checkbox"/> D023 | <input type="checkbox"/> D024 | <input type="checkbox"/> D025 | <input type="checkbox"/> D026 | <input type="checkbox"/> D027 | <input type="checkbox"/> D028 | <input type="checkbox"/> D029 | <input type="checkbox"/> D030 | <input type="checkbox"/> D031 | <input type="checkbox"/> D032 | <input type="checkbox"/> D033 | <input type="checkbox"/> D034 | <input type="checkbox"/> D035 |
| <input type="checkbox"/> D036 | <input type="checkbox"/> D037 | <input type="checkbox"/> D038 | <input type="checkbox"/> D039 | <input type="checkbox"/> D040 | <input type="checkbox"/> D041 | <input type="checkbox"/> D042 | <input type="checkbox"/> D043 | <input type="checkbox"/> F001 | <input type="checkbox"/> F002 | <input type="checkbox"/> F003 | <input type="checkbox"/> F004 | <input type="checkbox"/> F005 | <input type="checkbox"/> U002 | <input type="checkbox"/> U003 | <input type="checkbox"/> U006 |
| <input type="checkbox"/> U007 | <input type="checkbox"/> U044 | <input type="checkbox"/> U051 | <input type="checkbox"/> U072 | <input type="checkbox"/> U080 | <input type="checkbox"/> U108 | <input type="checkbox"/> U117 | <input type="checkbox"/> U122 | <input type="checkbox"/> U123 | <input type="checkbox"/> U138 | <input type="checkbox"/> U154 | <input type="checkbox"/> U188 | <input type="checkbox"/> U213 | <input type="checkbox"/> U220 | <input type="checkbox"/> U225 | <input type="checkbox"/> U279 |

ADDITIONAL CODES (Enter all codes not identified above which are associated with waste) K061

4. USEPA HAZARDOUS WASTE CODE(S)	5. TREATMENT STANDARDS FOR NON-PHASE II STATES (INDICATE THE APPLICABLE TREATMENT STANDARD 268.41, 268.43 OR SPECIFIED TECHNOLOGY BELOW)	6. HOW MUST THE WASTE BE MANAGED? ENTER THE LETTER FROM BELOW.
D001		A

To identify F009, or UHCs managed in non-CWA, use the "F009/Underlying Hazardous Constituents Form" provided and check here: (UHC form required)
If no UHCs are present upon generation check here:
To list additional EPA waste code(s), use the supplemental sheet and check here. In lieu of supplemental sheet you may use multiple codes of this form.

7. SOLVENT CONSTITUENTS (F001-F005) check here if disposal facility will check for all spent solvents:
- | | | | |
|--|--|---|--|
| <input type="checkbox"/> Acetone | <input type="checkbox"/> Benzene | <input type="checkbox"/> n-Butyl alcohol | <input type="checkbox"/> Carbon disulfide |
| <input type="checkbox"/> Carbon Tetrachloride | <input type="checkbox"/> Chlorobenzene | <input type="checkbox"/> o-Cresol | <input type="checkbox"/> Creosole (m&p) |
| <input type="checkbox"/> Cyclohexanone | <input type="checkbox"/> o-Dichlorobenzene | <input type="checkbox"/> 2-Ethoxyethanol | <input type="checkbox"/> Ethyl acetate |
| <input type="checkbox"/> Ethyl benzene | <input type="checkbox"/> Ethyl ether | <input type="checkbox"/> Isobutanol | <input type="checkbox"/> Methanol |
| <input type="checkbox"/> Methylene chloride | <input type="checkbox"/> Methyl ethyl ketone | <input type="checkbox"/> Methyl isobutyl ketone | <input type="checkbox"/> Nitrobenzene |
| <input type="checkbox"/> 2-Nitropropane | <input type="checkbox"/> Pyridine | <input type="checkbox"/> Tetrachlorethylene | <input type="checkbox"/> Toluene |
| <input type="checkbox"/> 1,1,1 Trichloroethane | <input type="checkbox"/> 1,1,2-Trichloroethane | <input type="checkbox"/> 1,1,2-Trichloro, 1,2,2-Trifluoroethane | <input type="checkbox"/> Trichloroethylene |
| <input type="checkbox"/> Trichloromonofluoroethane | <input type="checkbox"/> Xylenes | | |

8. (States authorized by EPA to manage the LDR program may have regulatory citations different from the 40 CFR citations listed below. Where these regulatory citations differ, your certification will be deemed to refer to those state citations instead of the 40 CFR citations.)
- A. or V. RESTRICTED WASTE REQUIRES TREATMENT
This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268.40.
 For Hazardous Debris: "This hazardous debris is subject to the alternative treatment standards of 40 CFR Part 268.45."
- B.1. RESTRICTED WASTE TREATMENT TO PERFORMANCE STANDARDS
"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification. Based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the treatment standards specified in 40 CFR 268.40 without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."
- B.2. (CERTIFICATION REMOVED BY PHASE IV)
- B.3. GOOD FAITH AND ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS
"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification. Based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by combustion units as specified in 268.42, Table 1. I have been unable to detect the nonwastewater organic constituents, despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."
- B.4. DECHARACTERIZED WASTE REQUIRES TREATMENT FOR UNDERLYING HAZARDOUS CONSTITUENTS
"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."
- C. RESTRICTED WASTE SUBJECT TO A VARIANCE
This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 5 above.
 For hazardous debris: "This hazardous debris is subject to the alternative treatment standards of 40 CFR 268.45."
- D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT
"I certify under penalty of law that I have personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D. I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."
- E. WASTE NOT CURRENTLY SUBJECT TO PART 268 RESTRICTIONS
This waste is a newly identified waste that is not currently subject to any 40 CFR Part 268 restrictions.

I hereby certify that all information in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature: [Signature]
Title: MANAGER Date: 11/20/25

APPENDIX E
SSDS Inspection Reports

INSPECTION REPORT

October 2, 2025

Mr. Brian Wasilewski
Environmental Scientist
C & S Companies
141 Elm Street, Suite 100
Buffalo, NY 14203
Via email: Brian Wasilewski <BWasilewski@cscos.com>

Re: Jamestown Container Companies – Buildings 5&6, 65 South Dow St., Falconer, NY
Inspection Report for Sub-slab Ventilation System

For work completed September 11, 2025

1. Conducted a visual inspection of the complete System (e.g., vent fan, piping, warning device, labeling on systems, etc.): **SATISFACTORY**
2. Conducted an inspection of all surfaces to which vacuum is applied: **SATISFACTORY**
3. Inspected all components for condition and proper operation: **SATISFACTORY**
4. Identify and repair any leaks: **NO LEAKS OBSERVED**
5. Inspect the exhaust or discharge points to verify that no air intakes have been located nearby:
NO AIR INTAKES WITHIN TEN FEET
6. Conduct an airstream velocity measurement: **SATISFACTORY**
7. Conduct pressure Stack Vacuum and pressure field extension testing **SATISFACTORY**
 - a. Stack B 5.1 – 0.2 wci
 - b. Stack B 5.2 – 0.2 wci
 - c. Stack B 6.1 – 0.25 wci
 - d. Stack B 6.2 – 0.28 wci
 - e. Stack B 6.3 – 0.22 wci
 - f. Test point 1 – -0.043 wci (near crawlspace entrance)
 - g. Test point 2 - -0.037 wci (near fork lift ramp)
8. Interview an appropriate individual seeking comments and observations regarding the operation of the System: **SATISFACTORY**

Thank you

Nicholas E. Mouganis EPA listing # 15415-I; NEHA ID# 100722 ***mitigationtech.com

INSPECTION REPORT

October 2, 2025

Mr. Brian Wasilewski
Environmental Scientist
C & S Companies
141 Elm Street, Suite 100
Buffalo, NY 14203
Via email: Brian Wasilewski <BWasilewski@cscos.com>

Re: Jamestown Container Companies – Building 9, 65 South Dow St., Falconer, NY
Inspection Report for Sub-slab Depressurization System

For work completed September 11, 2025

1. Conducted a visual inspection of the complete System (e.g., vent fan, piping, warning device, labeling on systems, etc.): **SATISFACTORY**
2. Conducted an inspection of all surfaces to which vacuum is applied: **SATISFACTORY**
3. Inspected all components for condition and proper operation: **SATISFACTORY**
4. Identify and repair any leaks: **NO LEAKS OBSERVED**
5. Inspect the exhaust or discharge point to verify that no air intakes have been located nearby:
NO AIR INTAKES WITHIN TEN FEET
6. Conduct an airstream velocity measurement: **SATISFACTORY**
7. Conduct pressure field extension testing: **SATISFACTORY**
 - a. Stack B9-1 – (south) 3.8 wci
 - b. Stack B9-2 – (north) 1.7 wci
 - c. Test point 1 – (north) -0.084 wci
 - d. Test point 2 - (north) -0.046 wci
8. Interview an appropriate individual seeking comments and observations regarding the operation of the System: **SATISFACTORY**

Thank you

Nicholas E. Mouganis EPA listing # 15415-I; NEHA ID# 100722 ***mitigationtech.com

Image of building 5/6 test point 1

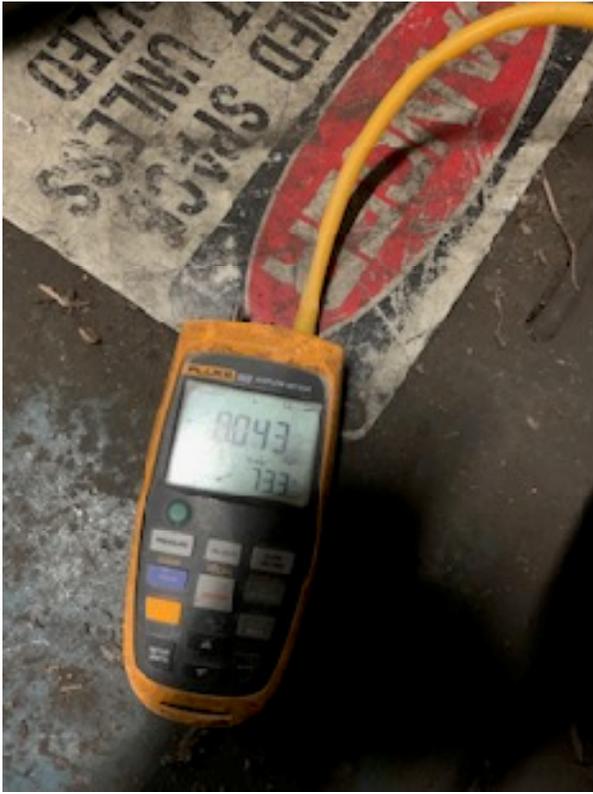


Image of building 5/6 test point 2

Image of building 5 stack B5-2

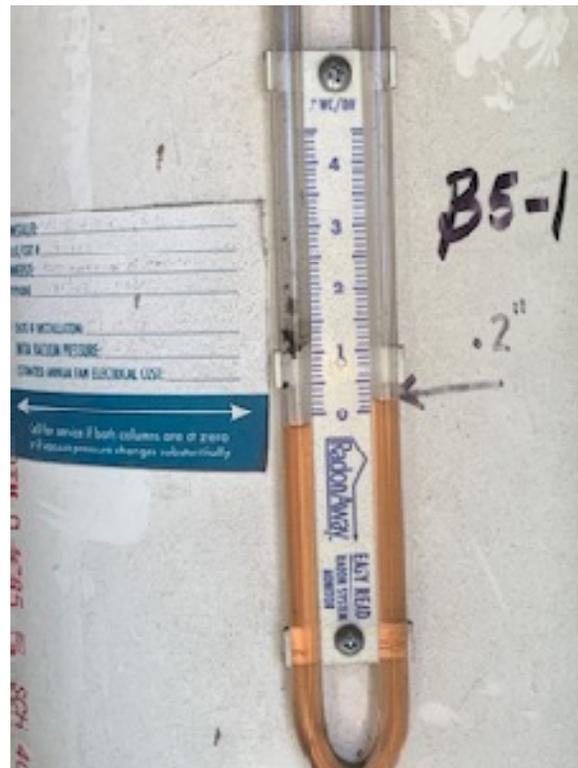


Image of building 5 stack B5-1

Image of building 5 stack B5-2

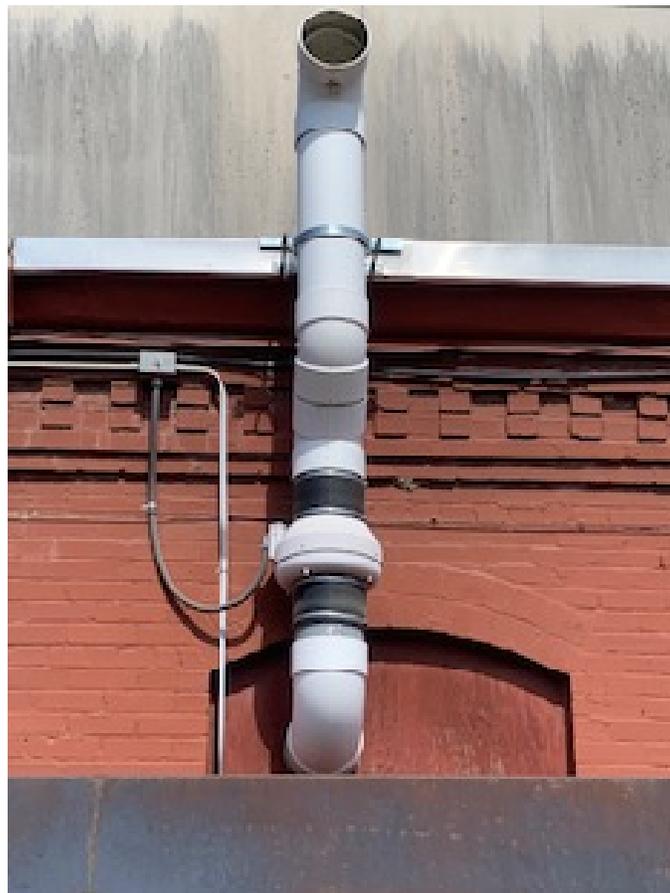
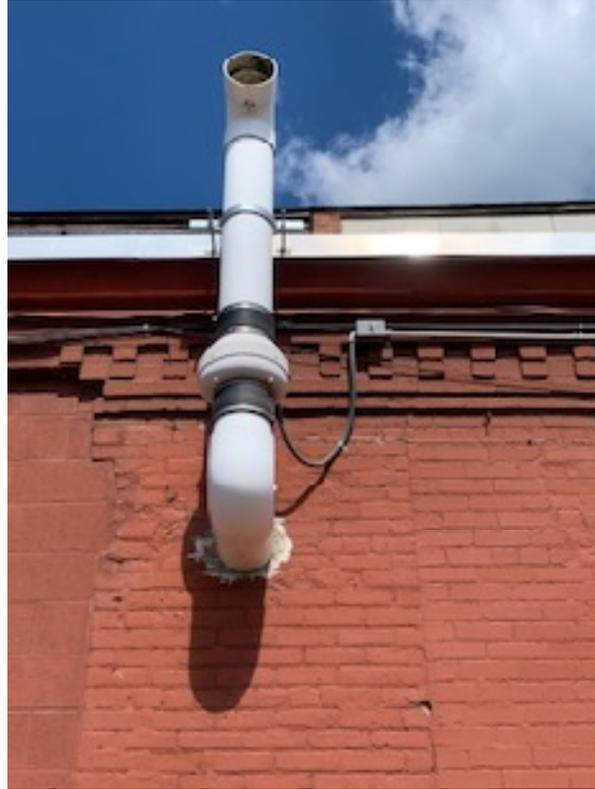


Image of building 5 stack B5-1

Image of building 9 stack B9-2

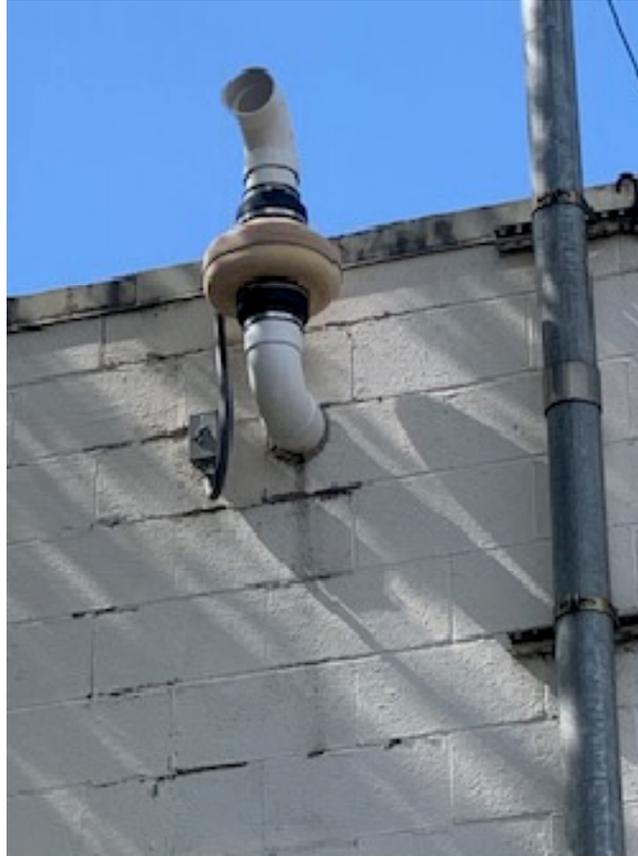


Image of building 9 stack B9-2

Image of building 9 test point 1

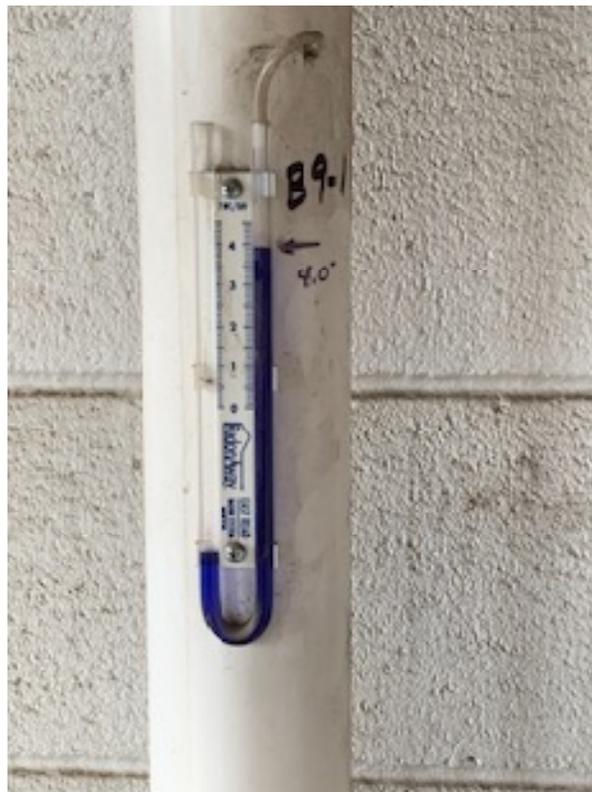


Image of building 9 stack B9-1

Image of building 9 test point 2



Image of building 9 stack B9-1

Image of building 6 stack B6-1



Image of building 6 gauge B6-1

Image of building 6 stack B6-2



Image of building 6 gauge B6-2

Image of building 6 gauge B6-3



Image of building 6 stack B6-3

Image of building 6 gauge B6-3



Jamestown Container Corporation
 14 Deming Drive
 Falconer, NY

Installed by: Mitigation Tech-2017

**Sub-Slab Depressurization System
 Vacuum Gauge Monthly Record**

	Intial Value Written in Sharpie	0.2 Indoors	0.2 Indoors	0.25 Outdoors	0.286 Outdoors	0.22 Outdoors	4.0 Indoors	1.7 Indoors	Intial Value Written in Sharpie
2025	Date Checked	B5-1	B5-2	B6-1	B6-2	B6-3	B9-1	B9-2	Signature
Jan									
Feb									
March									
April	4/11/2025	0.2	0.2	0.32	0.1	0.2	3.95	1.7	
May	5/13/2025	0.2	0.2	0.3	0.05	0.17	3.9	1.8	
June	6/10/2025	0.2	0.2	0.3	0.05	0.15	3.95	1.8	
July	7/10/2025	0.2	0.2	0.24	0.175	0.26	3.95	1.7	Highlighted denotes first reading with new gauges
Aug	8/19/2025	0.2	0.2	0.24	0.15	0.25	3.95	1.9	
Sept	9/11/2025	0.2	0.2	0.25	0.28	0.22	3.8	1.7	Numbers were collected by Mitigation Tech via manometer
Oct	10/3//2025	0.2	0.2	0.21	0.15	0.24	3.95	1.8	
Nov	11/24/2025	0.2	0.2	0.22	0.15	0.25	3.95	1.8	
Dec									
		B5-1	B5-2	B6-1	B6-2	B6-3	B9-1	B9-2	
	Intial Value Written in Sharpie	0.2 Indoors	0.2 Indoors	0.25 Outdoors	0.286 Outdoors	0.22 Outdoors	4.0 Indoors	1.7 Indoors	Intial Value Written in Sharpie

Jamestown Container Corporation

14 Deming Drive

Falconer, NY

Installed by: Mitigation Tech - 2017

Sub-Slab Depressurization System Vacuum Gauge Monthly Record

	Initial Values →	0.2	0.2	0.26	0.15	0.17	4.0	1.6	← Initial Values
2024	Date Checked	B5-1	B5-2	B6-1	B6-2	B6-3	B9-1	B9-2	Signature
Jan	1/22/24	.2	.2	.2	.15	.4	4.0	1.7	
Feb	2/19/24	.2	.2	.35	.1	.25	3.4	3.7	BR/K
March	3/11/24	.2	.2	.3	.05	.15	4.0	1.7	BR/K
April	4/09/24	.2	.2	.34	.1	.2	4.0	1.7	BR/K
May									
June									
July	7/20/24	.2	.2	.3	.05	.15	3.9	1.7	BR/K
Aug	8/22/24	.2	.2	.25	.02	.14	3.9	1.7	
Sept									
Oct									
Nov	11/19/2024	.2	.2	.35	.1	.2	3.9	1.7	BR/K
Dec									
		B5-1	B5-2	B6-1	B6-2	B6-3	B9-1	B9-2	
	Initial Values →	0.2	0.2	0.26	0.15	0.17	4.0	1.6	← Initial Values