Proactive by Design

JULY 2024
POST-INJECTION GROUNDWATER MONITORING REPORT
Former Signore Inc.
55-57 Jefferson Street
Ellicottville, New York 14731

August 16, 2024
File No. 21.0056367.69

PREPARED FOR:
Iskalo Ellicottville Holdings LLC
Williamsville, New York

GZA GeoEnvironmental of New York
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VIA EMAIL

August 16, 2024
File No. 21.0056367.69

Mr. David Chiazza
Iskalo Ellicottville Holdings LLC
Harbinger Square
5166 Main Street
Williamsville, New York 14221
dchiazza@iskalo.com

Re: July 2024 Post-Injection Groundwater Monitoring Report
Former Signore, Inc.
55-57 Jefferson Street
Ellicottville, New York 14731 (Site)
NYSDEC Site No. C905034

Mr. Chiazza:

GZA GeoEnvironmental of New York (GZA) submits this post-injection groundwater monitoring report to Iskalo Ellicottville Holdings LLC (Client). The report presents the analytical results of sampling conducted at the above referenced Site on July 12, 2024. The monitoring is required by the New York State Department of Environmental Conservation (NYSDEC) as specified in the Decision Document for Brownfield Cleanup Program (BCP) Site Number C905034 (July 2015) and in accordance with the approved revised Site Management Plan (SMP) dated November 2023.

The remedial injection program and first round of post-injection monitoring (August 2015) were described in the Final Engineering Report for the Site remedy (October 2015). Per the SMP, semi-annual post-injection groundwater monitoring was conducted until July 2017. Considering the established rate of chlorinated volatile organic compound (cVOC) reduction observed, NYSDEC approved modification of the SMP for annual post-injection monitoring in Fall 2017.

The July 2024 sampling event was the 11th round of post-injection monitoring conducted. This data report provides Site figures, well development forms, an analytical data summary table, graphs of pre- and post- injection concentrations of cVOCs in groundwater, and the laboratory data report for the seven wells sampled.

The body of data collected since remedial injections indicates reductive dichlorination has effectively decreased groundwater cVOC concentrations as intended; and that a slow and steady overall trend of cVOC reduction has been established. VOC concentrations have now been below GA criteria for at least two annual sampling rounds in EW-1.25R, SP-38, and TP-11. The concentration of trichloroethene (TCE) in SP-32 decreased from 12 µg/L in August 2023 to 7.4 µg/L in the recent sampling round, although it had been below GA criteria for several sampling rounds prior to 2023. Similarly, the concentration of tetrachloroethene (PCE) decreased in SP-43 from 13 to 5.5 µg/L, while that of TCE decreased from 5.9 µg/L to below GA criteria, between August 2023 and July 2024. SP-32 is upgradient, and SP-43 is on the southwestern edge, of the injection area.

SP-37 and SP-45 continue to have levels of three VOCs (PCE, TCE, and 1,2-*cis*-dichloroethene) above GA criteria, with concentrations between 7.4 and 18 µg/L in the recent sampling round. In the past few years, concentrations of these compounds have not shown a strong trend, except for PCE in SP-45, which is down to 9 µg/L, from a high of 260 µg/L in September 2022.

Although groundwater cVOC concentrations have decreased overall since the remedial injections, recent data indicates Site groundwater has returned to an oxidizing environment characteristic of that prior to treatment. Such an oxidizing environment is likely not supportive of ongoing reductive degradation of PCE or TCE. While natural attenuation can occur in these conditions, it is most effective at low concentrations and for compounds having relatively few chlorines ("daughter" compounds). Biotic degradation of the more chlorinated compounds, including PCE and TCE, is very slow and particularly ineffective at higher concentrations. In situations where reductive dechlorination has removed the parent compounds PCE and TCE, a change to oxidizing conditions can be beneficial for remediation of the daughter products cis-1,2-dichloroethene (DCE) and vinyl chloride (VC). However, if undissolved PCE and TCE remain, oxidative degradation may not be able to keep pace with their rate of dissolution.

One important exception to the trend of returning to an oxidizing environment is noted: results from the downgradient well EW-1.25R (**Figure 2**) show that reductive dichlorination is continuing to keep cVOC concentrations low. This well is located proximate to the southern BCP Site boundary and downgradient of the injection area.

Post-injection sampling will continue annually in accordance with the SMP.

Should you have any questions or require additional information following your review, please contact Thomas Bohlen at 716-570-5983.

Sincerely,

GZA GEOENVIRONMENTAL OF NEW YORK

Thomas Bohlen, P.G.
Senior Project Manager

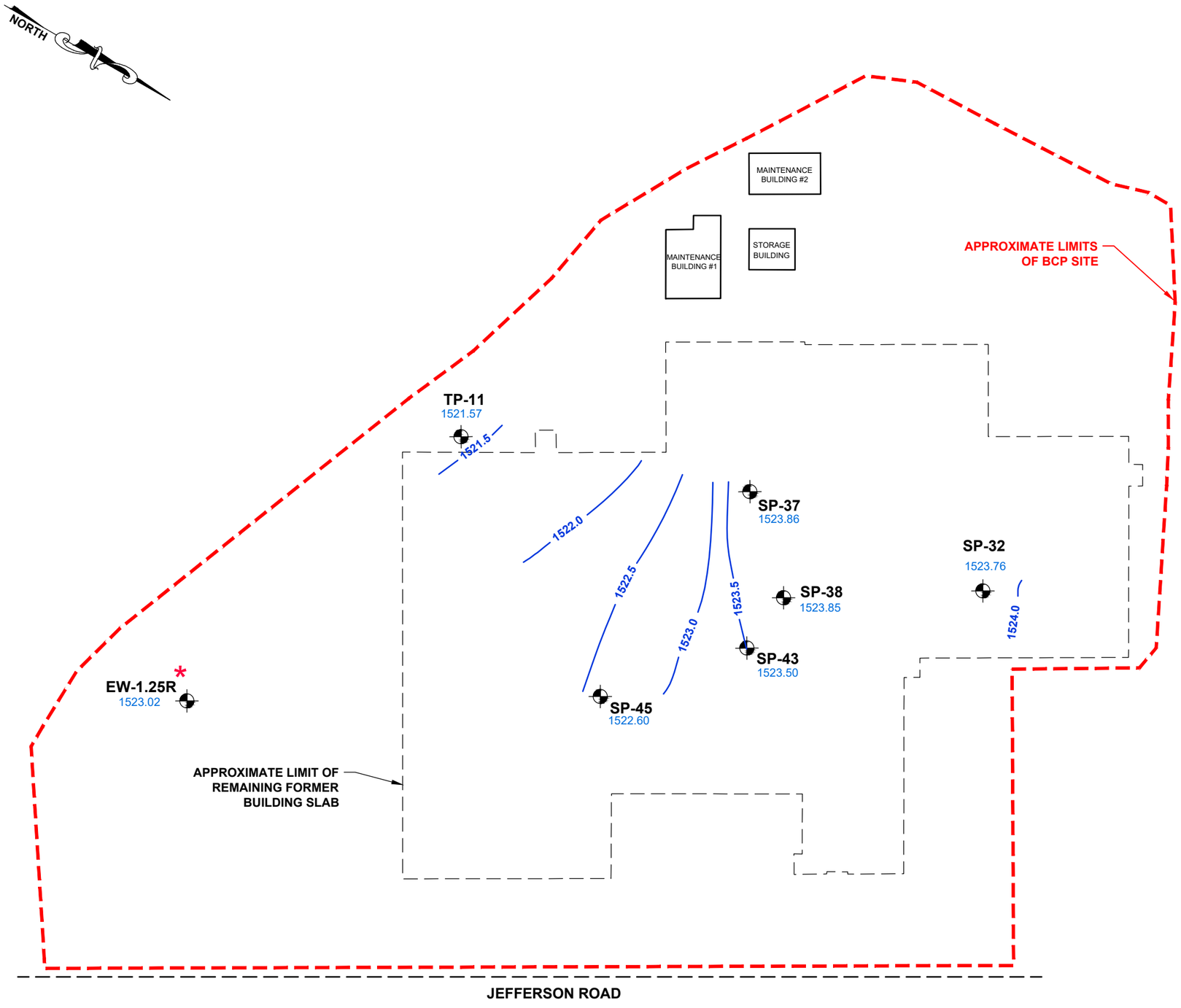
Jeremiah Duncan, Ph.D.
Senior Chemist

Bart A. Klettke, P.E.
Principal

cc: Megan Kuczka, NYSDEC; Angela Martin, New York State Department of Health (NYSDOH)

ATTACHMENTS

FIGURES



LEGEND:

- **SP-37** 1523.86 — APPROXIMATE LOCATION AND DESIGNATION OF 1" MICROWELL.GROUNDWATER ELEVATION MEASURED ON JULY 12, 2024.
- 1522.0 — APPROXIMATE LOCATION AND ELEVATION OF GROUNDWATER CONTOUR LINE BASED ON MEASUREMENTS TAKEN ON JULY 12, 2024.
- * — GROUNDWATER ELEVATION NOT CONSIDERED FOR CONTOURING

NOTES:

1. THE SIZE AND LOCATION OF EXISTING SITE FEATURES SHOULD BE CONSIDERED APPROXIMATE.

0 40 80 160

SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

FORMER SIGNORE FACILITY
55-57 JEFFERSON STREET
ELLICOTTVILLE, NEW YORK
BROWNFIELD CLEANUP PROGRAM SITE NO. C905034

JULY 2024 POST-INJECTION GROUNDWATER MONITORING REPORT, MICROWELL GROUNDWATER ELEVATION CONTOUR PLAN

PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: ISKALO ELLICOTTVILLE HOLDINGS, LLC	
PROJ MGR: TB	REVIEWED BY: BAK	CHECKED BY: BAK	FIGURE 1
DESIGNED BY: TB	DRAWN BY: MDK	SCALE: 1" = 80'	
DATE: JULY 2024	PROJECT NO. 21.0056367.69	REVISION NO.	

Sample Location		SP-37		SP-37		SP-37		SP-37		SP-37	
Sample Date	Class GA Criteria	6/14/2019		9/17/2021		9/30/2022		8/7/2023		7/12/2024	
			Q		Q		Q		Q		Q
Volatile Organic Compounds - EPA Method SW-846, 8260 (ug/L)											
1,1-Dichloroethane	5	<		<		<		<		<	
1,1-Dichloroethene	5	<		<		<		<		<	
Vinyl chloride	2	<		<		<		<		<	
cis-1,2-Dichloroethene	5	3.6		6.8		6.6		5.1		7.4	
Tetrachloroethene	5	10		15		7.3		7.1		7.6	
Trichloroethene	5	12		12		7.4		8.9		14	
trans-1,2-dichloroethene	5	<		<		<		<		<	

Sample Location		SP-38		SP-38		SP-38		SP-38		SP-38	
Sample Date	Class GA Criteria	6/14/2019		9/16/2021		9/30/2022		8/7/2023		7/12/2024	
			Q		Q		Q		Q		Q
Volatile Organic Compounds - EPA Method SW-846, 8260 (ug/L)											
1,1-Dichloroethane	5	<		<		<		<		<	
1,1-Dichloroethene	5	<		<		<		<		<	
Vinyl chloride	2	<		1.4		0.08	J	<		<	
cis-1,2-Dichloroethene	5	<		2.2	J	<		<		<	
Tetrachloroethene	5	<		0.4	J	0.81		0.42	J	0.48	J
Trichloroethene	5	<		4.6		6		3.2		4	
trans-1,2-dichloroethene	5	<		<		<		<		<	

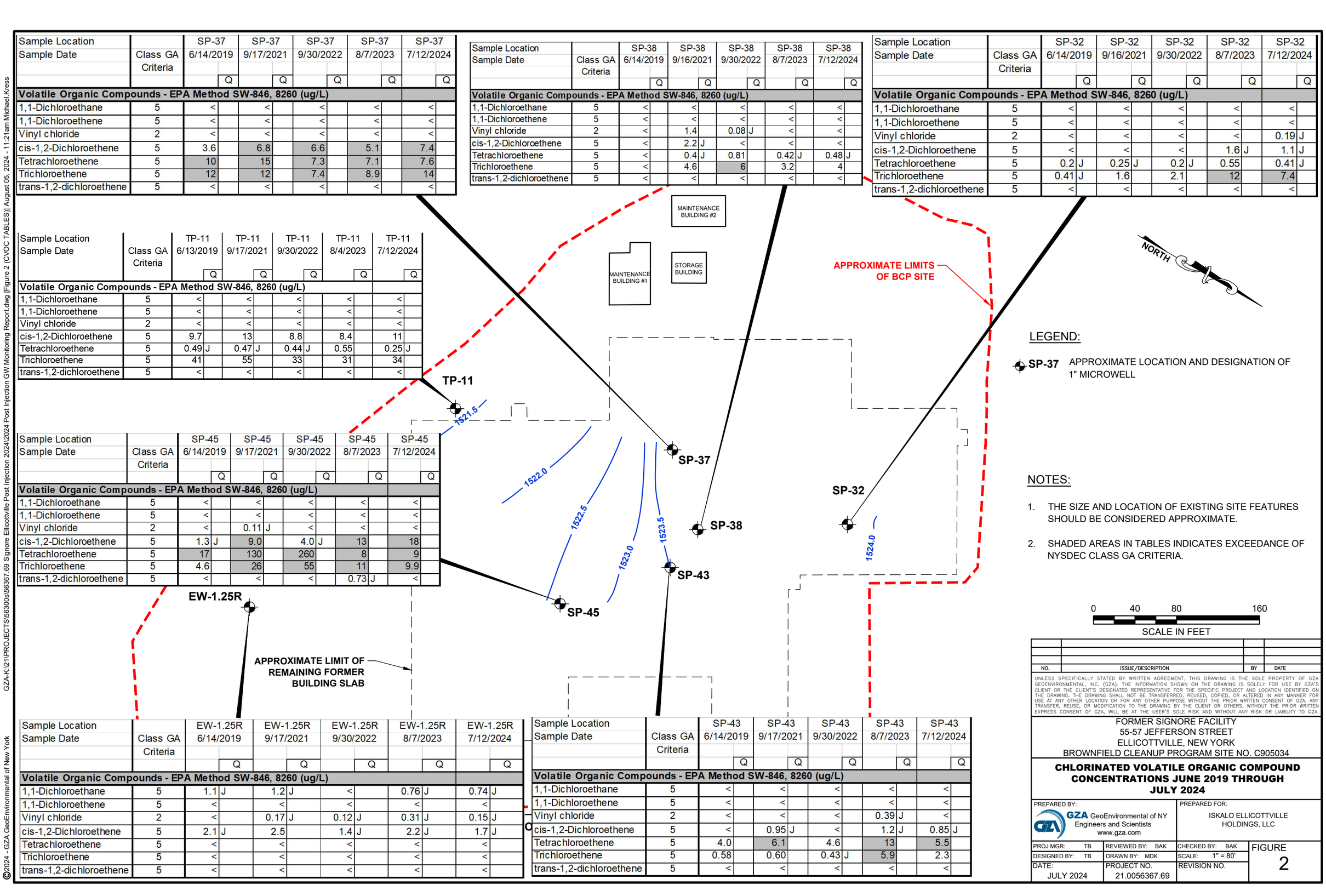
Sample Location		SP-32		SP-32		SP-32		SP-32		SP-32	
Sample Date	Class GA Criteria	6/14/2019		9/16/2021		9/30/2022		8/7/2023		7/12/2024	
			Q		Q		Q		Q		Q
Volatile Organic Compounds - EPA Method SW-846, 8260 (ug/L)											
1,1-Dichloroethane	5	<		<		<		<		<	
1,1-Dichloroethene	5	<		<		<		<		<	
Vinyl chloride	2	<		<		<		<		0.19	J
cis-1,2-Dichloroethene	5	<		<		<		1.6	J	1.1	J
Tetrachloroethene	5	0.2	J	0.25	J	0.2	J	0.55		0.41	J
Trichloroethene	5	0.41	J	1.6		2.1		12		7.4	
trans-1,2-dichloroethene	5	<		<		<		<		<	

Sample Location		TP-11		TP-11		TP-11		TP-11		TP-11	
Sample Date	Class GA Criteria	6/13/2019		9/17/2021		9/30/2022		8/4/2023		7/12/2024	
			Q		Q		Q		Q		Q
Volatile Organic Compounds - EPA Method SW-846, 8260 (ug/L)											
1,1-Dichloroethane	5	<		<		<		<		<	
1,1-Dichloroethene	5	<		<		<		<		<	
Vinyl chloride	2	<		<		<		<		<	
cis-1,2-Dichloroethene	5	9.7		13		8.8		8.4		11	
Tetrachloroethene	5	0.49	J	0.47	J	0.44	J	0.55		0.25	J
Trichloroethene	5	41		55		33		31		34	
trans-1,2-dichloroethene	5	<		<		<		<		<	

Sample Location		SP-45		SP-45		SP-45		SP-45		SP-45	
Sample Date	Class GA Criteria	6/14/2019		9/17/2021		9/30/2022		8/7/2023		7/12/2024	
			Q		Q		Q		Q		Q
Volatile Organic Compounds - EPA Method SW-846, 8260 (ug/L)											
1,1-Dichloroethane	5	<		<		<		<		<	
1,1-Dichloroethene	5	<		<		<		<		<	
Vinyl chloride	2	<		0.11	J	<		<		<	
cis-1,2-Dichloroethene	5	1.3	J	9.0		4.0	J	13		18	
Tetrachloroethene	5	17		130		260		8		9	
Trichloroethene	5	4.6		26		55		11		9.9	
trans-1,2-dichloroethene	5	<		<		<		0.73	J	<	

Sample Location		EW-1.25R		EW-1.25R		EW-1.25R		EW-1.25R		EW-1.25R	
Sample Date	Class GA Criteria	6/14/2019		9/17/2021		9/30/2022		8/7/2023		7/12/2024	
			Q		Q		Q		Q		Q
Volatile Organic Compounds - EPA Method SW-846, 8260 (ug/L)											
1,1-Dichloroethane	5	1.1	J	1.2	J	<		0.76	J	0.74	J
1,1-Dichloroethene	5	<		<		<		<		<	
Vinyl chloride	2	<		0.17	J	0.12	J	0.31	J	0.15	J
cis-1,2-Dichloroethene	5	2.1	J	2.5		1.4	J	2.2	J	1.7	J
Tetrachloroethene	5	<		<		<		<		<	
Trichloroethene	5	<		<		<		<		<	
trans-1,2-dichloroethene	5	<		<		<		<		<	

Sample Location		SP-43		SP-43		SP-43		SP-43		SP-43	
Sample Date	Class GA Criteria	6/14/2019		9/17/2021		9/30/2022		8/7/2023		7/12/2024	
			Q		Q		Q		Q		Q
Volatile Organic Compounds - EPA Method SW-846, 8260 (ug/L)											
1,1-Dichloroethane	5	<		<		<		<		<	
1,1-Dichloroethene	5	<		<		<		<		<	
Vinyl chloride	2	<		<		<		0.39	J	<	
cis-1,2-Dichloroethene	5	<		0.95	J	<		1.2	J	0.85	J
Tetrachloroethene	5	4.0		6.1		4.6		13		5.5	
Trichloroethene	5	0.58		0.60		0.43	J	5.9		2.3	
trans-1,2-dichloroethene	5	<		<		<		<		<	



LEGEND:

SP-37 APPROXIMATE LOCATION AND DESIGNATION OF 1" MICROWELL

NOTES:

1. THE SIZE AND LOCATION OF EXISTING SITE FEATURES SHOULD BE CONSIDERED APPROXIMATE.
2. SHADED AREAS IN TABLES INDICATES EXCEEDANCE OF NYSDEC CLASS GA CRITERIA.

0 40 80 160

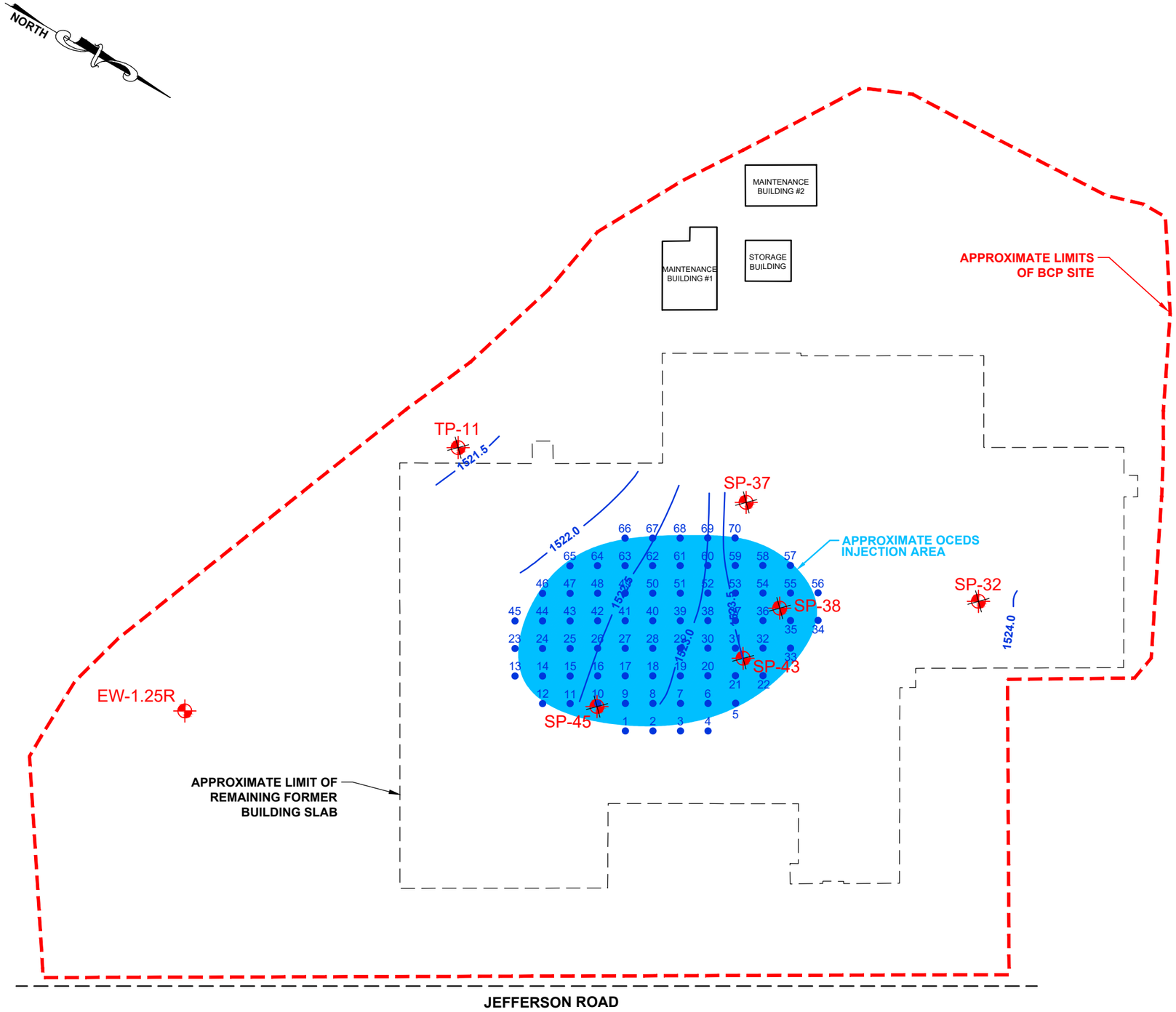
SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

FORMER SIGNORE FACILITY
55-57 JEFFERSON STREET
ELLICOTTVILLE, NEW YORK
BROWNFIELD CLEANUP PROGRAM SITE NO. C905034

CHLORINATED VOLATILE ORGANIC COMPOUND CONCENTRATIONS JUNE 2019 THROUGH JULY 2024

PREPARED BY:		PREPARED FOR:	
GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		ISKALO ELLICOTTVILLE HOLDINGS, LLC	
PROJ MGR: TB	REVIEWED BY: BAK	CHECKED BY: BAK	FIGURE 2
DESIGNED BY: TB	DRAWN BY: MDK	SCALE: 1" = 80'	
DATE: JULY 2024	PROJECT NO. 21.0056367.69	REVISION NO.	



LEGEND:

1 ● ORGANIC CARBON ELECTRON DONOR SUBSTRATE (OCEDS) INJECTION POINT

SP-37 APPROXIMATE LOCATION AND DESIGNATION OF MONITORING WELLS ASSOCIATED WITH OCEDS INJECTIONS

NOTES:

1. THE SIZE AND LOCATION OF EXISTING SITE FEATURES SHOULD BE CONSIDERED APPROXIMATE.

0 40 80 160

SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

FORMER SIGNORE FACILITY
55-57 JEFFERSON STREET
ELLICOTTVILLE, NEW YORK
BROWNFIELD CLEANUP PROGRAM SITE NO. C905034

JULY 2024 POST-INJECTION GROUNDWATER MONITORING REPORT, LOCATION OF ORGANIC CARBON ELECTRON DONOR SUBSTRATE INJECTIONS

PREPARED BY:	PREPARED FOR:		
GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com	ISKALO ELLICOTTVILLE HOLDINGS, LLC		
PROJ MGR: TB	REVIEWED BY: BAK	CHECKED BY: BAK	FIGURE 3
DESIGNED BY: TB	DRAWN BY: MDK	SCALE: 1" = 60'	
DATE: JULY 2024	PROJECT NO. 21.0056367.69	REVISION NO.	

GZA-K:\21\PROJECTS\56300s\56367.69 Signore Ellicottville Post Injection 2024\2024 Post Injection GW Monitoring Report.dwg [Figure 3] July 30, 2024 - 10:52am Michael.Kress

ATTACHMENT A

LIMITATIONS

USE OF REPORT

1. GZA GeoEnvironmental, Inc. (GZA) prepared this report on behalf of, and for the exclusive use of our Client for the stated purpose(s) and location(s) identified in the Proposal for Services and/or Report. Use of this report, in whole or in part, at other locations, or for other purposes, may lead to inappropriate conclusions; and we do not accept any responsibility for the consequences of such use(s). Further, reliance by any party not expressly identified in the agreement, for any use, without our prior written permission, shall be at that party's sole risk, and without any liability to GZA.

STANDARD OF CARE

2. GZA's findings and conclusions are based on the work conducted as part of the Scope of Services set forth in the Proposal for Services and/or Report and reflect our professional judgment. These findings and conclusions must be considered not as scientific or engineering certainties, but rather as our professional opinions concerning the limited data gathered during the course of our work. Conditions other than described in this report may be found at the subject location(s).

3. GZA's services were performed using the degree of skill and care ordinarily exercised by qualified professionals performing the same type of services, at the same time, under similar conditions, at the same or a similar property. No warranty, expressed or implied, is made. Specifically, GZA does not and cannot represent that the Site contains no hazardous material, oil, or other latent condition beyond that observed by GZA during its study. Additionally, GZA makes no warranty that any response action or recommended action will achieve all of its objectives or that the findings of this study will be upheld by a local, state or federal agency.

4. In conducting our work, GZA relied upon certain information made available by public agencies, Client and/or others. GZA did not attempt to independently verify the accuracy or completeness of that information. Inconsistencies in this information which we have noted, if any, are discussed in the Report.

SUBSURFACE CONDITIONS

5. The generalized soil profile(s) provided in our Report are based on widely-spaced subsurface explorations and are intended only to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized, and were based on our assessment of subsurface conditions. The composition of strata, and the transitions between strata, may be more variable and more complex than indicated. For more specific information on soil conditions at a specific location refer to the exploration logs. The nature and extent of variations between these explorations may not become evident until further exploration or construction. If variations or other latent conditions then become evident, it will be necessary to reevaluate the conclusions and recommendations of this report.

6. Water level readings have been made, as described in this Report, in and monitoring wells at the specified times and under the stated conditions. These data have been reviewed and interpretations have been made in this report. Fluctuations in the level of the groundwater however occur due to temporal or spatial variations in areal recharge rates, soil heterogeneities, the presence of subsurface utilities, and/or natural or artificially induced perturbations. The observed water table may be other than indicated in the Report.

COMPLIANCE WITH CODES AND REGULATIONS

7. We used reasonable care in identifying and interpreting applicable codes and regulations necessary to execute our scope of work. These codes and regulations are subject to various, and possibly contradictory, interpretations. Interpretations and compliance with codes and regulations by other parties is beyond our control.

SCREENING AND ANALYTICAL TESTING

8. GZA collected environmental samples at the locations identified in the Report. These samples were analyzed for the specific parameters identified in the report. Additional constituents, for which analyses were not conducted, may be present in soil, groundwater, surface water, sediment and/or air. Future Site activities and uses may result in a requirement for additional testing.

9. Our interpretation of field screening and laboratory data is presented in the Report. Unless otherwise noted, we relied upon the laboratory's QA/QC program to validate these data.

10. Variations in the types and concentrations of contaminants observed at a given location or time may occur due to release mechanisms, disposal practices, changes in flow paths, and/or the influence of various physical, chemical, biological or radiological processes. Subsequently observed concentrations may be other than indicated in the Report.

INTERPRETATION OF DATA

11. Our opinions are based on available information as described in the Report, and on our professional judgment. Additional observations made over time, and/or space, may not support the opinions provided in the Report.

ADDITIONAL INFORMATION

12. In the event that the Client or others authorized to use this report obtain additional information on environmental or hazardous waste issues at the Site not contained in this report, such information shall be brought to GZA's attention forthwith. GZA will evaluate such information and, on the basis of this evaluation, may modify the conclusions stated in this report.

ADDITIONAL SERVICES

13. GZA recommends that we be retained to provide services during any future investigations, design, implementation activities, construction, and/or property development/ redevelopment at the Site. This will allow us the opportunity to: i) observe conditions and compliance with our design concepts and opinions; ii) allow for changes in the event that conditions are other than anticipated; iii) provide modifications to our design; and iv) assess the consequences of changes in technologies and/or regulations.

ATTACHMENT B

GROUNDWATER ELEVATION SUMMARY TABLE AND

WELL DEVELOPMENT FORMS

Attachment B
July 2024 Post-Injection Groundwater Elevation Summary
Former Signore Facility
Ellicottville, New York
BCP Site No. C905034

Sample Location Sample Date	EW-1.25R 7/12/2024	SP-37 7/12/2024	SP-32 7/12/2024	SP-38 7/12/2024	SP-43 7/12/2024	SP-45 7/12/2024	TP-11 7/12/2024
Top of casing (ft)	1534.04	1533.36	1533.52	1533.52	1533.42	1533.43	1532.98
Measured water level (ft btoc)	11.02	9.50	9.76	9.67	9.92	10.83	11.41
Groundwater elevation	1523.02	1523.86	1523.76	1523.85	1523.50	1522.60	1521.57

Notes:
ft btoc - feet below top of casing

File: 21.0056367.69

FORMER SIGNORE, INC. FACILITY
WELL DEVELOPMENT FORM
55-57 JEFFERSON STREET
ELLICOTTVILLE, NEW YORK

Historic Information

Boring Log Available (yes/no/attached)
Installation Log Available (yes/no/attached)

Summary

Monitoring Well	EW-1.25R	Ground Surface Elevation		Riser/Screen Material	PVC
Installation Date	5/20/2019	Protective Casing Elevation		Top of Screen Depth	15 ft
Installed By	Earth Dimensions	Monitoring Point Elevation	1534.04	Bottom of Screen Depth	25 ft
		Elevation Datum			

Previous Field measurement Information Available (yes/no/attached)

Ranges of Previous Field Measurements

Depth to Water (ft)	pH (Standard Units)	Specific Conductance (uMhos/cm)	Temperature (°C)	Turbidity (NTU)	Color
11.77	6.37	0.595	15	20.06	Clear

Notes

Field Observations

Exterior Observations: good
Interior Observations: good
Signs of Damage/Tampering: None

Parameters +/-		Sampling Information
pH	+/- 0.1	Sample ID: EW-1.25-071224
Conductivity	+/- 3%	Sample Time: 1035
Temperature	+/- 10%	# of Sample Containers: 3
Turbidity	+/- 10%	Duplicate Sample ID
ORP	+/- 10mV	Sample Analysis: VOCs 8260
DO	+/- 10%	MNA PARAMETERS

Locked (yes/no) | Well Cap (yes/no) | Surface Seal Intact (yes/no) | PID Measurement | Odors: No

Well Quality Data

Date	Time	Depth to Water ft bgs	Cumulative Volume Purged	pH (Standard Units)	Specific Conductance (uMhos/cm)	Temperature (°C)	Turbidity (NTU)	Color	Dissolved Oxygen 3.36	Oxygen Reduction Potential	Notes
071224	0956	11.02	0	6.37	0.565	13.0	72.56	none	~~5.17~~	85.6	Depth of Water: 11.02
	1001	11.02	1 L	6.34	0.565	12.8	39.46	none	2.02	37.7	Length of Water Column: 12.59
	1006	11.02	2.5 L	6.36	0.559	12.8	267.73	none	1.60	3.1	Depth of Well: 23.61
	1011	11.02	3.5 L	6.41	0.550	12.8	19.46	none	1.39	-15.1	Sheen Observed: Y (N)
	1016	11.02	5 L	6.44	0.546	12.9	29.52	N	1.17	-26.6	DNAPL Observed: Y (N)
	1021	11.02	6 L	6.48	0.542	12.9	22.63	N	1.16	-37.7	Did Well Go Dry: Y (N)
	1026	11.02	7 L	6.50	0.534	12.8	34.97	N	1.09	-44.8	Other
	1031	11.02	8 L	6.52	0.532	12.9	13.77	N	1.05	-50.0	

File: 21 0056367 69

FORMER SIGNORE, INC. FACILITY
WELL DEVELOPMENT FORM
55-57 JEFFERSON STREET
ELLICOTTVILLE, NEW YORK

Historic Information

Boring Log Available (yes/no/attached)
Installation Log Available (yes/no/attached)

Summary

Monitoring Well	TP-11	Ground Surface Elevation		Riser/Screen Material	PVC
Installation Date		Protective Casing Elevation		Top of Screen Depth	
Installed By	Trec Environmental	Monitoring Point Elevation	1532.98 ft.	Bottom of Screen Depth	
		Elevation Datum			

Previous Field measurement Information Available (yes/no/attached)

Ranges of Previous Field Measurements

Depth to Water (ft)	pH (Standard Units)	Specific Conductance (uMhos/cm)	Temperature (°C)	Turbidity (NTU)	Color
11.88	6.85	0.519	14.4	-6.72	Clear

Notes

Field Observations

Exterior Observations: good
Interior Observations: good
Signs of Damage/Tampering: None

Locked (yes/no) | Well Cap (yes/no) | Surface Seal Intact (yes/no) | PID Measurement | Odors: none

Parameters +/-		Sampling Information
pH	+/- 0.1	Sample ID: TP-11-071224
Conductivity	+/- 3%	Sample Time: 1140
Temperature	+/- 10%	# of Sample Containers: 6
Turbidity	+/- 10%	Duplicate Sample ID: DUP-071224
ORP	+/- 10mV	Sample Analysis: VOCs 8260
DO	+/- 10%	

Well Quality Data

Date	Time	Depth to Water ft bgs	Cumulative Volume Purged	pH (Standard Units)	Specific Conductance (uMhos/cm)	Temperature (°C)	Turbidity (NTU)	Color	Dissolved Oxygen	Oxygen Reduction Potential	Notes
071224	1100	11.41	0	6.58	0.506	13.6	1745.3	tan	6.45	158.5	Depth of Water: 11.41
	1115	11.41	2 L	6.50	0.482	13.7	70.07	tan	5.68	156.7	Length of Water Column: 8.09
	1120	11.41	3.5 L	6.54	0.504	13.4	33.62	clear	5.41	155.4	Depth of Well: 19.50
	1125	11.41	5 L	6.56	0.511	13.7	30.00	cl.	5.31	155.2	Sheen Observed: Y (N)
	1130	11.41	6 L	6.60	0.518	13.6	16.57	cl.	5.23	155.0	DNAPL Observed: Y (N)
	1135	11.41	7 L	6.60	0.525	13.7	21.33	cl.	5.17	156.2	Did Well Go Dry: Y (N)
	1140	11.41	9.5 L	6.62	0.531	13.5	37.49	cl.	5.11	156.8	Other:

File: 21.0056367 69

FORMER SIGNORE, INC. FACILITY
WELL DEVELOPMENT FORM
55-57 JEFFERSON STREET
ELLICOTTVILLE, NEW YORK

Historic Information

Boring Log Available (**yes**/no/attached):
Installation Log Available (**yes**/no/attached)

Summary

Monitoring Well:	SP-37	Ground Surface Elevation:		Riser/Screen Material:	PVC
Installation Date:	9/27/2012	Protective Casing Elevation:		Top of Screen Depth:	9 ft
Installed By:	TREC	Monitoring Point Elevation:	1533.36	Bottom of Screen Depth:	19 ft
		Elevation Datum:			

Previous Field measurement Information Available (yes/**no**/attached)

Ranges of Previous Field Measurements

Depth to Water (ft)	pH (Standard Units)	Specific Conductance (uMhos/cm)	Temperature (°C)	Turbidity (NTU)	Color
10.63	6.12	0.191	16.9	7.3	Clear

Notes:

Field Observations

Exterior Observations: good

Interior Observations: good

Signs of Damage/Tampering: None

Parameters +/-		Sampling Information
pH	+/- 0.1	Sample ID: ~~0712~~ SP-37-071224
Conductivity	+/- 3%	Sample Time: 1240
Temperature	+/- 10%	# of Sample Containers: 3
Turbidity	+/- 10%	Duplicate Sample ID:
ORP	+/- 10mV	Sample Analysis: VOCs 8260
DO	+/- 10%	MNA PARAMETERS

Locked (yes/no) | Well Cap (yes/no) | Surface Seal Intact (yes/no) | PID Measurement: | Odors: None

Well Quality Data

Date	Time	Depth to Water ft bgs	Cumulative Volume Purged	pH (Standard Units)	Specific Conductance (uMhos/cm)	Temperature (°C)	Turbidity (NTU)	Color	Dissolved Oxygen	Oxygen Reduction Potential	Notes
071224	1205	9.50	0	6.07	0.198	16.5	65.01	none	5.68	190.4	Depth of Water: 9.50
	1210	9.50	2L	6.02	0.200	16.0	6.39	none	4.33	188.3	Length of Water Column: 10.60
	1215	9.50	4L	6.02	0.204	16.0	39.19	none	4.01	186.8	Depth of Well: 20.10
	1220	9.50	5L	6.03	0.207	15.7	4.70	none	3.96	186.2	Sheen Observed: Y (N)
	1225	9.50	6L	6.04	0.213	15.6	27.15	none	3.85	186.4	DNAPL Observed: Y (N)
	1230	9.50	7.5L	6.06	0.217	15.3	26.69	none	3.77	186.4	Did Well Go Dry: Y (N)
	1235	9.50	9L	6.08	0.219	15.3	22.72	none	3.74	186.7	Other:
	1240	9.50	10.5L	6.09	0.222	15.1	36.38	none	3.72	187.0	

File: 21 0056367 69

FORMER SIGNORE, INC. FACILITY
WELL DEVELOPMENT FORM
55-57 JEFFERSON STREET
ELLICOTTVILLE, NEW YORK

Historic Information

Boring Log Available (yes/no/attached)
Installation Log Available (yes/no/attached)

Summary

Monitoring Well	SP-45	Ground Surface Elevation		Riser/Screen Material	PVC
Installation Date	10/1/2012	Protective Casing Elevation		Top of Screen Depth	9 2 ft
Installed By	TREC	Monitoring Point Elevation	1533 43	Bottom of Screen Depth	19 2 ft
		Elevation Datum			

Previous Field measurement Information Available (yes/no/attached)

Ranges of Previous Field Measurements

Depth to Water (ft)	pH (Standard Units)	Specific Conductance (uMhos/cm)	Temperature (°C)	Turbidity (NTU)	Color
10.35	6.64	0.364	20	5.41	Clear

Notes: MS/MSD

Field Observations		Parameters +/-		Sampling Information	
Exterior Observations	good	pH	+/- 0 1	Sample ID	SP-45-071224
		Conductivity	+/- 3%	Sample Time	1320
Interior Observations	good	Temperature	+/- 10%	# of Sample Containers	9
		Turbidity	+/- 10%	Duplicate Sample ID	
		ORP	+/- 10mV	Sample Analysis	VOCs 8260
Signs of Damage/Tampering		DO	+/- 10%		MNA PARAMETERS

Locked (yes/no) | Well Cap (yes/no) | Surface Seal Intact (yes/no) | PID Measurement | Odors None

Well Quality Data

Date	Time	Depth to Water ft bgs	Cumulative Volume Purged	pH (Standard Units)	Specific Conductance (uMhos/cm)	Temperature (°C)	Turbidity (NTU)	Color	Dissolved Oxygen	Oxygen Reduction Potential	Notes
071224	1300	10.83	0	6.58	0.399	22.2	29.16	none	4.09	193.7	Depth of Water: 10.83
	1305	10.83	1L	6.65	0.401	21.7	23.46	none	2.71	194.7	Length of Water Column 6.55
	1310	10.83	2L	6.68	0.400	21.8	44.45	none	2.37	195.9	Depth of Well: 17.38
	1315	10.83	3L	6.70	0.401	21.7	12.21	none	2.28	197.5	Sheen Observed: Y (N)
	1320	10.83	4L	6.71	0.401	21.7	14.56	none	2.23	198.8	DNAPL Observed: Y (N)
											Did Well Go Dry: Y (N)
											Other:

File: 21 0056367 69

FORMER SIGNORE, INC. FACILITY
WELL DEVELOPMENT FORM
55-57 JEFFERSON STREET
ELLICOTTVILLE, NEW YORK

Historic Information

Boring Log Available (**yes**/no/attached)
Installation Log Available (**yes**/no/attached)

Summary

Monitoring Well	SP-43	Ground Surface Elevation		Riser/Screen Material	PVC
Installation Date	10/1/2012	Protective Casing Elevation		Top of Screen Depth	10 ft
Installed By	TREC	Monitoring Point Elevation	1533.42	Bottom of Screen Depth	20 ft
		Elevation Datum			

Previous Field measurement Information Available (yes/**no**/attached)

Ranges of Previous Field Measurements

Depth to Water (ft)	pH (Standard Units)	Specific Conductance (uMhos/cm)	Temperature (°C)	Turbidity (NTU)	Color
11.55	6.38	0.311	15.5	5.89	Clear

Notes:

Field Observations

Exterior Observations: good
Interior Observations: good
Signs of Damage/Tampering: None

Parameters +/-		Sampling Information
pH	+/- 0.1	Sample ID: SP-43-071224
Conductivity	+/- 3%	Sample Time: 1400
Temperature	+/- 10%	# of Sample Containers: 3
Turbidity	+/- 10%	Duplicate Sample ID
ORP	+/- 10mV	Sample Analysis: VOCs 8260
DO	+/- 10%	MNA PARAMETERS

Locked (yes/no): yes | Well Cap (yes/no): yes | Surface Seal Intact (yes/no): yes | PID Measurement: | Odors:

Well Quality Data

Date	Time	Depth to Water ft bgs	Cumulative Volume Purged	pH (Standard Units)	Specific Conductance (uMhos/cm)	Temperature (°C)	Turbidity (NTU)	Color	Dissolved Oxygen	Oxygen Reduction Potential	Notes
071224	1340	9.92	0	6.26	0.137	20.1	98.16	none	4.18	224.6	Depth of Water: 9.92
	1345	9.92	1 L	5.96	0.134	20.3	80.44	none	2.33	232.3	Length of Water Column: 8.05
	1350	9.92	2 L	5.95	0.134	20.0	24.04	none	2.17	231.5	Depth of Well: 17.97
	1355	9.92	2.5 L	5.94	0.135	20.3	98.44	none	2.11	230.7	Sheen Observed: Y (N)
	1400	9.92	3 L	5.95	0.135	20.1	16.79	none	2.10	229.9	DNAPL Observed: Y (N)
											Did Well Go Dry: Y (N)
											Other:

File: 21 0056367 69

FORMER SIGNORE, INC. FACILITY
WELL DEVELOPMENT FORM
55-57 JEFFERSON STREET
ELLICOTTVILLE, NEW YORK

Historic Information

Boring Log Available (**yes**/no/attached)
Installation Log Available (**yes**/no/attached)

Summary

Monitoring Well :	SP-38	Ground Surface Elevation:		Riser/Screen Material: PVC
Installation Date:	9/27/2012	Protective Casing Elevation:		Top of Screen Depth: 9 ft.
Installed By	TREC	Monitoring Point Elevation	1533 52	Bottom of Screen Depth: 19 ft.
		Elevation Datum:		

Previous Field measurement Information Available (yes/**no**/attached)

Ranges of Previous Field Measurements

Depth to Water (ft)	pH (Standard Units)	Specific Conductance (uMhos/cm)	Temperature (°C)	Turbidity (NTU)	Color
10.8	6.6	0.432	16.3	20.12	Clear

Notes

Field Observations

Exterior Observations: good

Interior Observations: good

Signs of Damage/Tampering: none

Locked (yes/no) | Well Cap (yes/no) | Surface Seal Intact (yes/no) | PID Measurement: | Odors none

Parameters +/-	Sampling Information
pH +/- 0.1	Sample ID SP-38-071224
Conductivity +/- 3%	Sample Time: 1440
Temperature +/- 10%	# of Sample Containers 3
Turbidity +/- 10%	Duplicate Sample ID:
ORP +/- 10mV	Sample Analysis: VOCs 8260
DO +/- 10%	MNA PARAMETERS

Well Quality Data

Date	Time	Depth to Water ft bgs	Cumulative Volume Purged	pH (Standard Units)	Specific Conductance (uMhos/cm)	Temperature (°C)	Turbidity (NTU)	Color	Dissolved Oxygen	Oxygen Reduction Potential	Notes
071224	1420	9.67	0	6.51	0.409	14.7	303.61	grey	6.41	244.8	Depth of Water: 9.67
	1425	9.67	1L	6.53	0.410	14.6	111.25	gry	5.20	239.9	Length of Water Column: 9.16
	1430	9.67	2L	6.53	0.411	14.8	68.01	Gry	5.14	238.7	Depth of Well: 18.83
	1435	9.67	3L	6.54	0.411	14.8	77.45	Gry.	5.16	238.3	Sheen Observed: Y (N)
	1440	9.67	4L	6.54	0.410	14.8	78.11	Gry.	5.14	238.4	DNAPL Observed: Y (N)
											Did Well Go Dry: Y (N)
											Other:

File 21.0056367.69

FORMER SIGNORE, INC. FACILITY
WELL DEVELOPMENT FORM
55-57 JEFFERSON STREET
ELLICOTTVILLE, NEW YORK

Historic Information

Boring Log Available (**yes**/no/attached)
Installation Log Available (**yes**/no/attached)

Summary

Monitoring Well	SP-32	Ground Surface Elevation		Riser/Screen Material	PVC
Installation Date	9/27/2012	Protective Casing Elevation		Top of Screen Depth	9 ft.
Installed By	TREC	Monitoring Point Elevation	1533.52	Bottom of Screen Depth	19 ft.
		Elevation Datum			

Previous Field measurement Information Available (*yes*/**no**/attached)

Ranges of Previous Field Measurements

Depth to Water (ft)	pH (Standard Units)	Specific Conductance (uMhos/cm)	Temperature (°C)	Turbidity (NTU)	Color
10.4	6.68	0.265	17.2	6.52	Clear

Notes

Field Observations

Exterior Observations: good
Interior Observations: good
Signs of Damage/Tampering: none
Locked (yes/no): (yes) Well Cap (yes/no): (yes) Surface Seal Intact (yes/no): (yes) PID Measurement: Odors: None

Parameters +/-		Sampling Information
pH	+/- 0.1	Sample ID: ~~DUP~~ SP-32-071224
Conductivity	+/- 3%	Sample Time: 1525
Temperature	+/- 10%	# of Sample Containers: 3
Turbidity	+/- 10%	Duplicate Sample ID:
ORP	+/- 10mV	Sample Analysis: VOCs 8260
DO	+/- 10%	MNA PARAMETERS

Well Quality Data

Date	Time	Depth to Water ft bgs	Cumulative Volume Purged	pH (Standard Units)	Specific Conductance (uMhos/cm)	Temperature (°C)	Turbidity (NTU)	Color	Dissolved Oxygen	Oxygen Reduction Potential	Notes
071224	1455	9.76	0	6.51	0.175	16.5	294.64	clear	3.87	237.7	Depth of Water: 9.76
	1500	9.76	1L	6.35	0.208	16.2	76.67	cl.	3.75	243.3	Length of Water Column: 8.89
	1505	9.76	2L	6.44	0.227	15.9	95.96	cl.	3.14	241.3	Depth of Well: 18.65
	1510	9.76	3L	6.48	0.240	15.8	60.84	cl.	2.82	240.2	Sheen Observed: Y (N)
	1515	9.76	4L	6.53	0.250	15.6	77.89	cl.	2.57	239.3	DNAPL Observed: Y (N)
	1520	9.76	5L	6.54	0.253	16.0	74.25	cl.	2.46	239.0	Did Well Go Dry: Y (N)
	1525	9.76	6L	6.46	0.247	16.9	494.03	cl.	2.35	240.8	Other:

*Turbidity erratic despite clear water

ATTACHMENT C

GROUNDWATER ANALYTICAL RESULTS SUMMARY

Attachment C
July 2024 Post-Injection Groundwater Analytical Results Summary
Former Signore Facility
Ellicottville, New York
BCP Site No. C905034

Sample Location Sample Date	Class GA Criteria	EW-1.25 6/25/2013	Q	EW-1.25 10/16/2013	Q	EW-1.25 6/10/2014	Q	EW-1.25 6/4/2015	Q	EW-1.25 8/21/2015	Q	EW-1.25 10/21/2015	Q	EW-1.25 6/15/2016	Q	EW-1.25 10/25/2016	Q	EW-1.25 7/13/2017	Q	EW-1.25 6/21/2018	Q	EW-1.25R 6/14/2019	Q	EW-1.25R 9/17/2021	Q	EW-1.25R 9/30/2022	Q	EW-1.25R 8/7/2023	Q	EW-1.25R 7/12/2024	Q
Volatile Organic Compounds - EPA Method SW-846, 8260C (ug/L)																															
Acetone	50	<		<		<		<		<		3.8	J	2.3	J	<		<		<		6.8		<		1.5	J	<		<	
Benzene	1	<		<		<		<		<		<		<		<		<		<		0.18	J	<		<		<		<	
Carbon disulfide	NV	<		<		<		<		<		<		<		<		1.8		<		<		<		<		<		<	
Chloromethane	NV	0.77	J	<		<		<		<		<		<		<		<		<		0.88	J	<		<		<		<	
1,1-Dichloroethane	5	4.1		4.1		2.9		3		2.6		4.2		2.9		3.9		3.0		<		1.1	J	1.2	J	<		0.76	J	0.74	J
1,1-Dichloroethene	5	<		<		<		0.25	J	0.19	J	0.36	J	0.24	J	0.48	J	0.39	J	<		<		<		<		<		<	
Vinyl chloride	2	4.6		5		2.4		2.6		<		3.3		3.2		6.6		<		<		<		0.17	J	0.12	J	0.31	J	0.15	J
2-Butanone	50	<		<		<		<		<		<		<		<		<		<		<		<		<		<		<	
cis-1,2-Dichloroethene	5	31		32		23		29		28		44		28		98		57		<		2.1	J	2.5		1.4	J	2.2	J	1.7	J
Toluene	5	<		<		<		<		<		<		<		<		<		<		<		<		<		<		<	
1,1,1-Trichloroethane	5	<		<		<		<		0.82	J	<		<		0.7	J	<		<		<		<		<		<		<	
Tetrachloroethene	5	3.3		3.8		3.6		<		1.4		1.8		3.1		<		<		<		<		<		<		<		<	
Trichloroethene	5	51		59		41		47		42		58		47		0.27	J	35		<		<		<		<		<		<	
trans-1,2-dichloroethene	5	<		<		<		<		<		<		<		0.79	J	<		<		<		<		<		<		<	
Total VOCs		94.77		103.9		72.9		81.85		75.01		115.46		86.74		110.74		97.19				11.06		3.87		3.02		3.27		2.59	
Field Parameters																															
Temperature (Deg. C)	NV	13		13.5		10.4		9.1		13.1		13.4		12.4		13		14.9		12.1		9.8		14.1		13.4		15		12.9	
Specific Conductance (mS/cm)	NV	0.7		0.68		0.7		0.757		0.67		0.68		0.653		0.612		0.65		0.629		0.633		0.641		0.564		0.595		0.532	
Dissolved Oxygen (mg/L)	NV	0.05		0.18		0.06		0.17		0.12		0.22		0.29		0.23		0.13		0.65		0.18		17.1		3.1		0.68		1.05	
Oxygen Reduction Potential (mv)	NV	-88.5		-99.3		-91.2		-130.5		-86.2		-91.6		161.4		-125.1		-169.9		-54.1		-140.1		-98.9		-96		-90.3		-50	
pH (std. units)	NV	7.35		6.85		6.78		6.73		6.77		6.89		6.79		6.87		6.77		6.12		6.91		6.28		6.78		6.37		6.52	
Turbidity (NTUs)	NV	9.12		3.31		11.71		7.7		14.2		10.7		20.1		11.87		13.13		21.5		69.11		9.82		8.14		20.06		13.77	
Inorganics (ug/L)																															
Iron	300	NS		1,000		14,000		14,000		11,500		11,900		27,300		10,500		<		27,000	M1	6,600	M1	28,400		NS		NS		NS	
Manganese	300	NS		1,300		1,600		1,482		1,265		1,465		1,453		1,354		1,256		3,060		1,392		2,460		NS		NS		NS	
Miscellaneous Water Quality Parameters																															
Methane (ug/L)	NV	NS		1,000		170		237		218		190		244		130		130		NT		1,110		1,620		NS		NS		NS	
Ethane (ug/L)	NV	NS		<		<		<		<		<		<		<		<		NT		6.85		<		NS		NS		NS	
Ethene (ug/L)	NV	NS		1.7		<		<		0.535		<		0.558		0.55		0.55		NT		2.82		<		NS		NS		NS	
Total Organic Carbon (mg/L)	NV	NS		<		<		2.07		2.47		1.92		2.26		1.56		1.84		21.0		7.97		11.60		NS		NS		NS	
Chloride (mg/L)	250	NS		66	B	69		62		57		56		49		45		47		48.2	M1	14.1		16.0		NS		NS		NS	
Nitrate (mg/L)	10	NS		<		<		0.015	J	0.020	J	<		<		0.029	J	<		<		<		0.12		NS		NS		NS	
Nitrite (mg/L)	1	NS		<		<		NS		NS		NS		NS		NS		NS		<		NS		NS		NS		NS		NS	
Sulfate (mg/L)	250	NS		7.6		7.4	B	12.8		10.3		10.5		10.2		11.7		8.86		<		10.3		4		NS		NS		NS	

Notes:
1. Only compounds detected in one or more of the groundwater samples are presented in this table.
2. "<" indicates compound was not detected above the method detection limit.
3. Analytical testing completed by TestAmerica, Alpha Analytical and Pace Analytical.
4. Criteria is a guidance value.
5. Laboratory qualifiers: B = compound was found in the blank and sample; J = result is less than the RL but greater than or equal to the MDL and the concentration is an approximation; * - LCS or LCSD exceeds the control limits; D = value shown is result of dilution analysis; E = value above quantitation range. M1 = Matrix spike recover exceeded QC limits. Batch accepted based on laboratory LCS recovery. CH = continuing calibration for this compount is outside of laboratory acceptance limits; results may be biased high.
6. mg/L = parts per million; ug/L = parts per billion
7. NYSDEC Class GA Groundwater Criteria as promulgated in 6 NYCRR 703; Table 1 in Technical and Operational Guidance Series (1.1.1): Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, dated October 1993; revised June 1998; errata dated January 1999; addendum dated April 2000.
8. NV = no value; NS = Not sampled; NT = Not tested.
9. Sum of Nitrate/Nitrite Class GA Criteria = 10 mg/L (no exceedances)
10. Shaded concentrations exceed Class GA criteria.
11. Results shown for parent wells and their respective duplicates are the highest detected concentrations.

Attachment C
July 2024 Post-Injection Groundwater Analytical Results Summary
Former Signore Facility
Ellicottville, New York
BCP Site No. C905034

Sample Location Sample Date	Class GA Criteria	SP-32 10/3/2012	Q	SP-32 10/17/2013	Q	SP-32 6/10/2014	Q	SP-32 6/4/2015	Q	SP-32 8/21/2015	Q	SP-32 10/22/2015	Q	SP-32 6/15/2016	Q	SP-32 10/25/2016	Q	SP-32 7/12/2017	Q	SP-32 6/21/2018	Q	SP-32 6/14/2019	Q	SP-32 9/16/2021	Q	SP-32 9/30/2022	Q	SP-32 8/7/2023	Q	SP-32 7/12/2024	Q
Volatile Organic Compounds - EPA Method SW-8																															
Acetone	50	<		240	D	<		<		<		<		2.8	J	<		<		<		4.8	J	<		<		<		<	
Benzene	1	<		<		<		<		<		<		<		<		<		<		<		<		<		<		<	
Carbon disulfide	NV	<		<		<		<		<		<		<		<		<		<		<		<		<		<		<	
Chloromethane	NV	<		<		<		<		<		<		<		<		<		<		<		<		<		<		<	
1,1-Dichloroethane	5	<		<		<		<		<		<		<		<		<		<		<		<		<		<		<	
1,1-Dichloroethene	5	<		<		<		<		<		<		<		<		<		<		<		<		<		<		<	
Vinyl chloride	2	<		<		<		0.18	J	0.23	J	<		<		<		<		<		<		<		<		<		0.19	J
2-Butanone	50	<		45		<		<		<		<		<		<		<		<		<		<		<		<		<	
cis-1,2-Dichloroethene	5	<		26		11		4.5		4.7		2.7		3.3		<		<		<		<		<		<		1.6	J	1.1	J
Toluene	5	<		<		<		<		<		<		<		<		<		<		<		<		<		<		<	
1,1,1-Trichloroethane	5	<		<		<		<		<		<		<		<		<		<		<		<		<		<		<	
Tetrachloroethene	5	2.1		<		<		0.25	J	0.46	J	0.62		0.44	J	0.42	J	0.32	J	<		0.2	J	0.25	J	0.2	J	0.55		0.41	J
Trichloroethene	5	120		3.4		6.4		5.8		6.5		6.7		14		1.2		0.85		4.4		0.41	J	1.6		2.1		12		7.4	
trans-1,2-dichloroethene	5	<		<		<		<		<		<		<		<		<		<		<		<		<		<		<	
Total VOCs		122.1		314.4		17.4		10.73		11.89		10.02		20.54		1.62		1.17		4.4		0.43		1.85		2.3		14.15		9.1	
Field Parameters																															
Temperature (Deg. C)	NV	13.2		16.5		13.1		11.0		17.7		16.6		15.8		15.1		18.6		13.2		12.2		19.9		18.3		17.2		16.9	
Specific Conductance (mS/cm)	NV	0.418		0.65		0.392		0.326		0.272		0.223		0.232		0.181		0.133		0.144		0.122		0.167		0.167		0.265		0.247	
Dissolved Oxygen (mg/L)	NV	4.92		0.18		0.12		0.15		0.16		0.48		0.53		1.67		2.29		0.76		5.59		42.8		48.4		0.96		2.35	
Oxygen Reduction Potential (mv)	NV	50.3		-95.3		-21.9		104.4		57.7		169.9		236.7		153		41.9		181.2		150.8		215.3		93.1		57.7		240.8	
pH (std. units)	NV	7.23		6.45		6.48		6.28		6.34		6.25		6.22		6.0		5.9		5.96		6.30		6.05		6.40		6.68		6.46	
Turbidity (NTUs)	NV	35		6.76		4.95		0.6		7.15		4.42		7.6		4.96		5.02		2.8		17.51		5.36		7.52		-6.52		494.03	
Inorganics (ug/L)																															
Iron	300	NS		3,480		16,000		339		246		206		541		66		<		<		NS		NS		NS		NS		NS	
Manganese	300	NS		24,600		19,000		6,468		8,331		2,897		2,668		1,144		12		<		NS		NS		NS		NS		NS	
Miscellaneous Water Quality Parameters																															
Methane (ug/L)	NV	NS		120		660		725		932		208		205		3.31		0.55	J	<		NS		NS		NS		NS		NS	
Ethane (ug/L)	NV	NS		<		<		0.659		0.841		<		<		<		<		<		NS		NS		NS		NS		NS	
Ethene (ug/L)	NV	NS		1.7		<		<		<		<		<		<		<		<		NS		NS		NS		NS		NS	
Total Organic Carbon (mg/L)	NV	NS		51		<		1.35		1.7		1.02		1.45		0.87		1.08		<		NS		NS		NS		NS		NS	
Chloride (mg/L)	250	NS		5	B	3.1		3.46		3.12		2.83		2.72		1.59		0.861		<		NS		NS		NS		NS		NS	
Nitrate (mg/L)	10	NS		<		<		1.92		0.93		4.2		3.9		4.8		1.4		1		NS		NS		NS		NS		NS	
Nitrite (mg/L)	1	NS		<		<		NS		NS		NS		NS		NS		NS		<		NS		NS		NS		NS		NS	
Sulfate (mg/L)	250	NS		4.9	J	14	B	14.6		16.8		16.1		16.3		14.4		13.8		15.9		NS		NS		NS		NS		NS	

Notes:
1. Only compounds detected in one or more of the groundwater samples are presented in this table.
2. "<" indicates compound was not detected above the method detection limit.
3. Analytical testing completed by TestAmerica, Alpha Analytical and Pace Analytical.
4. Criteria is a guidance value.
5. Laboratory qualifiers: B = compound was found in the blank and sample; J = result is less than the RL but greater than or equal to the MDL and the concentration is an approximation; * - LCS or LCSD exceeds the control limits; D = value shown is result of dilution analysis; E = value above quantitation range. M1 = Matrix spike recover exceeded QC limits. Batch accepted based on laboratory LCS recovery. CH = continuing calibration for this compound is outside of laboratory acceptance limits; results may be biased high.
6. mg/L = parts per million; ug/L = parts per billion
7. NYSDEC Class GA Groundwater Criteria as promulgated in 6 NYCRR 703; Table 1 in Technical and Operational Guidance Series (1.1.1): Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, dated October 1993; revised June 1998; errata dated January 1999; addendum dated April 2000.
8. NV = no value; NS = Not sampled.
9. Sum of Nitrate/Nitrite Class GA Criteria = 10 mg/L (no exceedances)
10. Shaded concentrations exceed Class GA criteria.
11. Results shown for parent wells and their respective duplicates are the highest detected concentrations.

Attachment C
July 2024 Post-Injection Groundwater Analytical Results Summary
Former Signore Facility
Ellicottville, New York
BCP Site No. C905034

Sample Location Sample Date	Class GA Criteria	SP-37 10/5/2012	Q	SP-37 10/17/2013	Q	SP-37 6/10/2014	Q	SP-37 6/4/2015	Q	SP-37 8/21/2015	Q	SP-37 10/23/2015	Q	SP-37 6/16/2016	Q	SP-37 10/26/2016	Q	SP-37 7/12/2017	Q	SP-37 6/21/2018	Q	SP-37 6/14/2019	Q	SP-37 9/17/2021	Q	SP-37 9/30/2022	Q	SP-37 8/7/2023	Q	SP-37 7/12/2024	Q
Volatile Organic Compounds - EPA Method SW-8																															
Acetone	50	<		<		<		<		<		<		2.6	J	<		<		<		5.5		<		<		<		<	
Benzene	1	<		<		<		<		<		<		<		<		<		<		<		<		<		<		<	
Carbon disulfide	NV	<		<		<		<		<		<		<		<		<		<		<		<		<		<		<	
Chloromethane	NV	<		<		<		<		<		<		<		<		<		<		<		<		<		<		<	
1,1-Dichloroethane	5	<		<		<		<		<		<		<		<		<		<		<		<		<		<		<	
1,1-Dichloroethene	5	<		<		<		<		<		<		<		<		<		<		<		<		<		<		<	
Vinyl chloride	2	<		<		<		<		<		0.21	J	0.42	J	<		<		<		<		<		<		<		<	
2-Butanone	50	<		<		<		<		<		<		<		<		<		<		<		<		<		<		<	
cis-1,2-Dichloroethene	5	1.8		7.3		0.99	J	3.4		9.9		9.4		6.7		12		2.7		1.9		3.6		6.8		6.6		5.1		7.4	
Toluene	5	<		<		<		<		<		<		<		<		<		<		<		<		<		<		<	
1,1,1-Trichloroethane	5	<		<		<		<		0.82	J	<		<		<		<		<		<		<		<		<		<	
Tetrachloroethene	5	9.6		24		13		18		15		26		14		17		12		13.2		10		15		7.3		7.1		7.6	
Trichloroethene	5	13		20		7.2		10		11		19		13		14		7.8		10.9		12		12		7.4		8.9		14	
trans-1,2-dichloroethene	5	<		<		<		<		<		<		<		<		<		<		<		<		<		<		<	
Total VOCs		24.4		51.3		27.2		31.4		36.72		54.61		36.72		43		22.5		26		31.1		33.8		21.3		21.1		29	
Field Parameters																															
Temperature (Deg. C)	NV	13.5		17		11.9		10		17		15.3		13.3		14.2		18.4		12.1		11.9		18.8		18.9		16.9		15.1	
Specific Conductance (mS/cm)	NV	0.452		0.535		0.305		0.449		0.432		0.396		0.291		0.246		0.19		0.184		0.166		0.210		0.195		0.191		0.222	
Dissolved Oxygen (mg/L)	NV	0.28		0.2		0.58		0.68		0.07		0.13		0.29		0.55		0.86		2.53		3.05		44.2		26		1.98		3.72	
Oxygen Reduction Potential (mv)	NV	-122.4		74.8		107.7		117.6		16.1		82.8		306.5		130.2		6.7		180.1		151.5		213.1		143.7		128.6		187	
pH (std. units)	NV	6.6		6.39		6.28		6.12		6.28		6.3		6.03		5.99		6.08		5.94		6.25		5.86		6.21		6.12		6.09	
Turbidity (NTUs)	NV	2.5		9.35		12.5		1.4		5.27		2.3		5.93		5.02		10.37		0.9		6.12		9.26		6.82		-7.3		36.38	
Inorganics (ug/L)																															
Iron	300	NS		61.7	B	900		81.4		409		66		85		56		<		<		NS		NS		NS		NS		NS	
Manganese	300	NS		336		150		1,021		6,015		2,035		1,137		1,445		73		<		NS		NS		NS		NS		NS	
Miscellaneous Water Quality Parameters																															
Methane (ug/L)	NV	NS		26		2.5		28		108		67.4		47.2		<		<		<		NS		NS		NS		NS		NS	
Ethane (ug/L)	NV	NS		<		<		<		<		<		<		<		<		<		NS		NS		NS		NS		NS	
Ethene (ug/L)	NV	NS		<		<		<		<		<		<		<		<		<		NS		NS		NS		NS		NS	
Total Organic Carbon (mg/L)	NV	NS		4	J	2.8	J	2.51		4.75		2.62		2.47		2.21		1.93		1.5	M1	NT		1.14		NS		NS		NS	
Chloride (mg/L)	250	NS		12	B	3.8		28.8		16.4		14.7		7.11		5.79		2.64		2.4		NS		NS		NS		NS		NS	
Nitrate (mg/L)	10	NS		4.8		5.2		2.98		0.04		0.27		1.40		3.20		1.30		0.79		NS		NS		NS		NS		NS	
Nitrite (mg/L)	1	NS		<		<		NS		NS		NS		NS		NS		NS		<		NS		NS		NS		NS		NS	
Sulfate (mg/L)	250	NS		36		24	B	23.3		18		21.1		18.3		21		14.3		13.9		9.78		10.6		NS		NS		NS	

Notes:
1. Only compounds detected in one or more of the groundwater samples are presented in this table.
2. "<" indicates compound was not detected above the method detection limit.
3. Analytical testing completed by TestAmerica, Alpha Analytical and Pace Analytical.
4. Criteria is a guidance value.
5. Laboratory qualifiers: B = compound was found in the blank and sample; J = result is less than the RL but greater than or equal to the MDL and the concentration is an approximation; * - LCS or LCSD exceeds the control limits; D = value shown is result of dilution analysis; E = value above quantitation range. M1 = Matrix spike recover exceeded QC limits. Batch accepted based on laboratory LCS recovery. CH = continuing calibration for this compound is outside of laboratory acceptance limits; results may be biased high.
6. mg/L = parts per million; ug/L = parts per billion
7. NYSDEC Class GA Groundwater Criteria as promulgated in 6 NYCRR 703; Table 1 in Technical and Operational Guidance Series (1.1.1): Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, dated October 1993; revised June 1998; errata dated January 1999; addendum dated April 2000.
8. NV = no value; NS = Not sampled.
9. Sum of Nitrate/Nitrite Class GA Criteria = 10 mg/L (no exceedances)
10. Shaded concentrations exceed Class GA criteria.
11. Results shown for parent wells and their respective duplicates are the highest detected concentrations.

Attachment C
July 2024 Post-Injection Groundwater Analytical Results Summary
Former Signore Facility
Ellicottville, New York
BCP Site No. C905034

Sample Location Sample Date	Class GA Criteria	SP-38 10/4/2012	Q	SP-38 10/17/2013	Q	SP-38 6/10/2014	Q	SP-38 8/21/2015	Q	SP-38 10/23/2015	Q	SP-38 6/15/2016	Q	SP-38 10/26/2016	Q	SP-38 7/12/2017	Q	SP-38 6/21/2018	Q	SP-38 6/14/2019	Q	SP-38 9/16/2021	Q	SP-38 9/30/2022	Q	SP-38 8/7/2023	Q	SP-38 7/12/2024	Q
Volatile Organic Compounds - EPA Method SW-8																													
Acetone	50	<		<		<		<		<		1.6	J	<		<		<		<		<		<		<		<	
Benzene	1	<		<		<		<		<		<		<		<		<		<		<		<		<		<	
Carbon disulfide	NV	<		<		<		1.8	J	1.9		<		<		<		<		<		<		<		<		<	
Chloromethane	NV	<		<		<		<		<		<		<		<		<		<		<		<		<		<	
1,1-Dichloroethane	5	<		<		<		2	J	1.9	J	<		<		<		<		<		<		<		<		<	
1,1-Dichloroethene	5	<		<		<		<		<		<		<		<		<		<		<		<		<		<	
Vinyl chloride	2	<		<		<		<		22		0.39	J	4.0		4.2		<		<		1.4		0.08	J	<		<	
2-Butanone	50	<		<		<		26		2.1	J	<		<		<		<		<		<		<		<		<	
cis-1,2-Dichloroethene	5	<		1.5		1.2		46		0.82	J	<		<		<		<		<		2.2	J	<		<		<	
Toluene	5	<		<		<		<		1	J	<		<		<		<		<		<		<		<		<	
1,1,1-Trichloroethane	5	2.4		<		<		0.86	J	<		<		<		<		<		<		<		<		<		<	
Tetrachloroethene	5	5		<		5.2		0.22	J	0.37	J	0.28	J	0.48	J	0.2	J	<		<		0.4	J	0.81		0.42	J	0.48	J
Trichloroethene	5	17		7.8		19		0.45	J	0.29	J	5.5	J	8.2		6.5		5.8		<		4.6		6		3.2		4	
trans-1,2-dichloroethene	5	<		<		<		<		<		<		<		<		<		<		<		<		<		<	
Total VOCs		24.4		9.3		25.4		77.33		30.38		7.77		12.68		10.9		5.8				8.6		6.89		3.62		4.48	
Field Parameters																													
Temperature (Deg. C)	NV	13.1		15.2		11.6		15.2		15.1		16.1		14.8		16.7		11.7		11.3		17.9		16.1		16.3		14.8	
Specific Conductance (mS/cm)	NV	0.437		0.412		0.437		1.03		0.69		0.419		0.443		0.416		0.404		0.398		0.446		0.397		0.432		0.41	
Dissolved Oxygen (mg/L)	NV	3.25		2.88		4.65		0.07		0.11		1.32		0.23		0.72		2.11		2.32		19.4		27.4		3.58		5.14	
Oxygen Reduction Potential (mv)	NV	31.7		103.5		136		-124.2		-172.7		241.8		-22.5		-79.6		150.8		125.2		156.6		106.7		120.2		238.4	
pH (std. units)	NV	6.81		6.72		6.72		7.1		7.39		6.59		6.75		6.85		6.56		6.89		6.7		6.79		6.6		6.54	
Turbidity (NTUs)	NV	27.4		2.12		19.2		12.3		2.12		6.39		7.69		5.88		21.5		180.22		42.28		7.35		20.12		78.11	
Inorganics (ug/L)																													
Iron	300	<		<		1,500		5,660		3,040		352		811		<		<		NS		NS		NS		NS		NS	
Manganese	300	5,100		41.1	B	180		24,820		12,680		2762		9031		1,827		23		NS		NS		NS		NS		NS	
Miscellaneous Water Quality Parameters																													
Methane (ug/L)	NV	<		20		1.1		807.0		636.0		3.9		13.7		10.1		4.4		NS		NS		NS		NS		NS	
Ethane (ug/L)	NV	NM		<		<		<		2.57		<		0.633		<		<		NS		NS		NS		NS		NS	
Ethene (ug/L)	NV	NM		<		<		3.45		4.56		<		2.04		0.652		<		NS		NS		NS		NS		NS	
Total Organic Carbon (mg/L)	NV	<		<		<		86.9		2.22		1.21		1.32		1.05		<		NS		NS		NS		NS		NS	
Chloride (mg/L)	250	31		40	B	34		29		27.1		36.1		27.7		22.6		32		NS		NS		NS		NS		NS	
Nitrate (mg/L)	10	4.7		1.4		3.3		0.0	J	<		0.6		0.24		0.24		0.37		NS		NS		NS		NS		NS	
Nitrite (mg/L)	1					<		<		NS		NS		NS		NS		<		NS		NS		NS		NS		NS	
Sulfate (mg/L)	250	23		11		13	B	0.063	J	5.99		11.5		16.1		13.8		11.7		NS		NS		NS		NS		NS	

Notes:
1. Only compounds detected in one or more of the groundwater samples are presented in this table.
2. "<" indicates compound was not detected above the method detection limit.
3. Analytical testing completed by TestAmerica, Alpha Analytical and Pace Analytical.
4. Criteria is a guidance value.
5. Laboratory qualifiers: B = compound was found in the blank and sample; J = result is less than the RL but greater than or equal to the MDL and the concentration is an approximation; * - LCS or LCSD exceeds the control limits; D = value shown is result of dilution analysis; E = value above quantitation range. M1 = Matrix spike recover exceeded QC limits. Batch accepted based on laboratory LCS recovery. CH = continuing calibration for this compount is outside of laboratory acceptance limits; results may be biased high.
6. mg/L = parts per million; ug/L = parts per billion
7. NYSDEC Class GA Groundwater Criteria as promulgated in 6 NYCRR 703; Table 1 in Technical and Operational Guidance Series (1.1.1): Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, dated October 1993; revised June 1998; errata dated January 1999; addendum dated April 2000.
8. NV = no value; NS = Not sampled.
9. Sum of Nitrate/Nitrite Class GA Criteria = 10 mg/L (no exceedances)
10. Shaded concentrations exceed Class GA criteria.
11. Results shown for parent wells and their respective duplicates are the highest detected concentrations.

Attachment C
July 2024 Post-Injection Groundwater Analytical Results Summary
Former Signore Facility
Ellicottville, New York
BCP Site No. C905034

Sample Location Sample Date	Class GA Criteria	SP-43 10/4/2012	Q	SP-43 10/17/2013	Q	SP-43 6/10/2014	Q	SP-43 6/4/2015	Q	SP-43 8/21/2015	Q	SP-43 10/23/2015	Q	SP-43 6/16/2016	Q	SP-43 10/26/2016	Q	SP-43 7/12/2017	Q	SP-43 6/21/2018	Q	SP-43 6/14/2019	Q	SP-43 9/17/2021	Q	SP-43 9/30/2022	Q	SP-43 8/7/2023	Q	SP-43 7/12/2024	Q
Volatile Organic Compounds - EPA Method SW-8																															
Acetone	50	<		53		<		<		<		<		1.9	J	<		<		<		5.4		<		<		<		<	
Benzene	1	<		<		<		<		<		<		<		<		<				<		<		<		<		<	
Carbon disulfide	NV	<		1.3		<		<		<		<		<		<		<		<		<		<		<		<		<	
Chloromethane	NV	<		<		<		<		<		<		<		<		<		<		0.92	J	<		<		<		<	
1,1-Dichloroethane	5	<		<		<		<		<		<		<		<		<		<		<		<		<		<		<	
1,1-Dichloroethene	5	<		<		<		<		<		<		<		<		<		<		<		<		<		<		<	
Vinyl chloride	2	<		<		<		<		0.48	J	6.6		<		<		<		<		<		<		<		0.39	J	<	
2-Butanone	50	<		84		<		<		21		<		<		<		<		<		<		<		<		<		<	
cis-1,2-Dichloroethene	5	<		5.4		3.9		1.1	J	9.4		9.2		4.6		2.1	J	<		<		<		0.95	J	<		1.2	J	0.85	J
Toluene	5	<		<		<		<		<		84.0		<		<		<		<		<		<		<		<		<	
1,1,1-Trichloroethane	5	<		<		<		<		<		<		<		<		<		<		<		<		<		<		<	
Tetrachloroethene	5	93		24		14		14		10		17		7.7		11.0		6.9		7.4	CH	4.0		6.1		4.6		13		5.5	
Trichloroethene	5	5.2		2.6		<		0.72		2.20		8.30		0.71		0.70		0.24	J	<		0.58		0.60		0.43	J	5.9		2.3	
trans-1,2-dichloroethene	5	<		<		<		<		<		<		<		<		<		<		<		<		<		<		<	
Total VOCs		98.2		170.3		17.9		15.82		43.08		125.10		14.91		13.80		7.14		7.40		9.40		7.65		5.03		20.49		8.7	
Field Parameters																															
Temperature (Deg. C)	NV	14.1		18.4		13		12.2		16.6		15.9		14.6		14.2		20.5		15.6		13.8		20.9		19.5		15.5		20.1	
Specific Conductance (mS/cm)	NV	0.445		0.513		0.304		0.773		0.66		0.68		0.237		0.224		0.183		0.151		0.127		0.149		0.146		0.311		0.135	
Dissolved Oxygen (mg/L)	NV	1.48		0.22		0.23		1.1		0.12		0.12		1.23		1.96		1.96		1.73		3.52		28.1		31.5		0.79		2.1	
Oxygen Reduction Potential (mv)	NV	44.2		-39.3		149		175.8		-15.1		-88.2		310.9		184.3		12.4		156.6		153.9		196.3		132.5		140.4		229.9	
pH (std. units)	NV	6.55		5.88		6.13		5.82		6.31		6.83		5.87		6.02		6.12		6.11		6.32		5.9		6.29		6.38		5.95	
Turbidity (NTUs)	NV	39.8		4.04		18		0.2		31.7		4.26		6.7		3.12		4.72		1.8		16.25		16.07		7.45		-5.89		16.79	
Inorganics (ug/L)																															
Iron	300	NS		6,150		7,100		54		5,780		6,220		127		114		<		<		NS		NS		NS		NS		NS	
Manganese	300	NS		5,510		1,600		1,254		8,919		10,240		171.8		190.4		5.4		10.4		NS		NS		NS		NS		NS	
Miscellaneous Water Quality Parameters																															
Methane (ug/L)	NV	NS		16		12		0.756	J	2,490.000		6,520.000		0.612		<		0.619	J	<		NS		NS		NS		NS		NS	
Ethane (ug/L)	NV	NS		2.4		<		<		<		<		<		<		<		<		NS		NS		NS		NS		NS	
Ethene (ug/L)	NV	NS		3.7		<		<		<		2.13		<		<		<		<		NS		NS		NS		NS		NS	
Total Organic Carbon (mg/L)	NV	NS		80		<		1.84		28.8		3.62		2.09		1.91		1.58		1.1		NS		NS		NS		NS		NS	
Chloride (mg/L)	250	NS		6.3	B	2.2		136.0		62.2		40.0		12.2		9.6		4.1		2.6		NS		NS		NS		NS		NS	
Nitrate (mg/L)	10	NS		0.36		8.30		8.65		0.59		0.21		2.10		4.10		3.70		1.60		NS		NS		NS		NS		NS	
Nitrite (mg/L)	1	NS		<		0.042	J	NS		NS		NS		NS		NS		NS		<		NS		NS		NS		NS		NS	
Sulfate (mg/L)	250	NS		12		25	B	19.8		18.3		13.3		22		21.4		14.7		14.1		NS		NS		NS		NS		NS	

Notes:
1. Only compounds detected in one or more of the groundwater samples are presented in this table.
2. "<" indicates compound was not detected above the method detection limit.
3. Analytical testing completed by TestAmerica, Alpha Analytical and Pace Analytical.
4. Criteria is a guidance value.
5. Laboratory qualifiers: B = compound was found in the blank and sample; J = result is less than the RL but greater than or equal to the MDL and the concentration is an approximation; * - LCS or LCSD exceeds the control limits; D = value shown is result of dilution analysis; E = value above quantitation range. M1 = Matrix spike recover exceeded QC limits. Batch accepted based on laboratory LCS recovery. CH = continuing calibration for this compound is outside of laboratory acceptance limits; results may be biased high.
6. mg/L = parts per million; ug/L = parts per billion
7. NYSDEC Class GA Groundwater Criteria as promulgated in 6 NYCRR 703; Table 1 in Technical and Operational Guidance Series (1.1.1): Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, dated October 1993; revised June 1998; errata dated January 1999; addendum dated April 2000.
8. NV = no value; NS = Not sampled.
9. Sum of Nitrate/Nitrite Class GA Criteria = 10 mg/L (no exceedances)
10. Shaded concentrations exceed Class GA criteria.
11. Results shown for parent wells and their respective duplicates are the highest detected concentrations.

Attachment C
July 2024 Post-Injection Groundwater Analytical Results Summary
Former Signore Facility
Ellicottville, New York
BCP Site No. C905034

Sample Location Sample Date	Class GA Criteria	SP-45 10/4/2012	Q	SP-45 10/17/2013	Q	SP-45 6/10/2014	Q	SP-45 6/4/2015	Q	SP-45 8/21/2015	Q	SP-45 10/23/2015	Q	SP-45 6/16/2016	Q	SP-45 10/26/2016	Q	SP-45 7/13/2017	Q	SP-45 6/21/2018	Q	SP-45 6/14/2019	Q	SP-45 9/17/2021	Q	SP-45 9/30/2022	Q	SP-45 8/7/2023	Q	SP-45 7/12/2024	Q
Volatile Organic Compounds - EPA Method SW-8																															
Acetone	50	<		<		<		<		<		<		1.5	J	<		<		<		4.1		<		<		<		<	
Benzene	1	<		<		<		<		<		<		<		<		<		<		<		<		<		<		<	
Carbon disulfide	NV	<		<		<		<		<		<		<		<		<		<		<		<		<		<		<	
Chloromethane	NV	<		<		<		<		<		<		<		<		<		<		<		<		<		<		<	
1,1-Dichloroethane	5	<		<		<		<		<		<		<		<		<		<		<		<		<		<		<	
1,1-Dichloroethene	5	<		<		<		<		<		<		<		<		<		<		<		<		<		<		<	
Vinyl chloride	2	<		<		<		<		<		6.3		5.5		7.5		1.7		<		<		0.11	J	<		<		<	
2-Butanone	50	<		<		<		<		<		<		<		<		<		<		<		<		<		<		<	
cis-1,2-Dichloroethene	5	6.8		1.1		1.9		2.9		1.4	J	5.7		3.7		13		2.0	J	1.4		1.3	J	9.0		4.0	J	13		18	
Toluene	5	<		<		<		<		<		<		<		<		<		<		<		<		<		<		<	
1,1,1-Trichloroethane	5	<		<		<		<		<		<		<		<		<		<		<		<		<		<		<	
Tetrachloroethene	5	260	D	69		130		160		16		45		16		170		45		18.7		17		130		260		8		9	
Trichloroethene	5	13		3.6		6.4		8.5		1.5		7.5		7.2		53		10		5.4		4.6		26		55		11		9.9	
trans-1,2-dichloroethene	5	<		<		<		<		<		<		<		<		<		<		<		<		<		0.73	J	<	
Total VOCs		283.0		73.7		138.3		171.4		18.9		171.4		33.9		243.5		58.7		25.5		27.0		165.1		319.0		32.7		36.9	
Field Parameters																															
Temperature (Deg. C)	NV	14.6		17.8		16.5		14		19.1		15.8		15.2		15.8		15.8		13.3		14		20.7		19.6		20		21.7	
Specific Conductance (mS/cm)	NV	0.543		0.363		0.391		0.584		0.6		0.62		0.503		0.442		0.442		0.391		0.336		0.410		0.341		0.364		0.401	
Dissolved Oxygen (mg/L)	NV	1.07		5.21		3.02		3.58		0.09		0.07		0.5		0.06		0.06		2.72		3.85		18.4		6.1		1.07		2.23	
Oxygen Reduction Potential (mv)	NV	-29.5		88.3		143.1		73.3		-62.7		-61.7		250.7		-8.7		-8.7		88.2		128.4		162.6		129.9		125.3		198.8	
pH (std. units)	NV	6.48		6.83		6.71		6.71		7.05		7.05		6.91		6.66		6.66		6.89		7.23		6.59		6.7		6.64		6.71	
Turbidity (NTUs)	NV	3.95		2.3		3.17		0.5		14.91		5.06		11.25		17.2		17.2		5.5		12.48		7.25		7.25		-5.41		14.56	
Inorganics (ug/L)																															
Iron	300	NS		32.1	B	170	J	27.2	J	45	J	1,260		197		386		<		<		NS		NS		NS		NS		NS	
Manganese	300	NS		<		<		1.93		296.4		3,510		1447		1,340		240		332		NS		NS		NS		NS		NS	
Miscellaneous Water Quality Parameters																															
Methane (ug/L)	NV	NS		14		1.1		0.762	J	96.9		958		1500		3610		1760		8.1		NS		NS		NS		NS		NS	
Ethane (ug/L)	NV	NS		<		<		<		<		<		1.18		2.47		1.0		<		NS		NS		NS		NS		NS	
Ethene (ug/L)	NV	NS		<		<		<		<		1.08		2.59		3.36		0.77		<		NS		NS		NS		NS		NS	
Total Organic Carbon (mg/L)	NV	NS		<		<		1.64		3.93		1.86		1.69		1.49		1.23		<		1.06		0.945		NS		NS		NS	
Chloride (mg/L)	250	NS		5.1	B	4.2		35.0		9.4		17.3		15.4		12.6		3.2		6.8		NS		NS		NS		NS		NS	
Nitrate (mg/L)	10	NS		6		5.2		2.68		1.2		1.9		0.39		0.72		0.79		0.35		NS		NS		NS		NS		NS	
Nitrite (mg/L)	1	NS		<		<		NS		NS		NS		NS		NS		NS		<		NS		NS		NS		NS		NS	
Sulfate (mg/L)	250	NS		39		33	B	32.7		43.4		22.4		24		23.8		19.1		16.8		12.1		9.82		NS		NS		NS	

Notes:
1. Only compounds detected in one or more of the groundwater samples are presented in this table.
2. "<" indicates compound was not detected above the method detection limit.
3. Analytical testing completed by TestAmerica, Alpha Analytical and Pace Analytical.
4. Criteria is a guidance value.
5. Laboratory qualifiers: B = compound was found in the blank and sample; J = result is less than the RL but greater than or equal to the MDL and the concentration is an approximation; * - LCS or LCSD exceeds the control limits; D = value shown is result of dilution analysis; E = value above quantitation range. M1 = Matrix spike recover exceeded QC limits. Batch accepted based on laboratory LCS recovery. CH = continuing calibration for this compound is outside of laboratory acceptance limits; results may be biased high.
6. mg/L = parts per million; ug/L = parts per billion
7. NYSDEC Class GA Groundwater Criteria as promulgated in 6 NYCRR 703; Table 1 in Technical and Operational Guidance Series (1.1.1): Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, dated October 1993; revised June 1998; errata dated January 1999; addendum dated April 2000.
8. NV = no value; NS = Not sampled.
9. Sum of Nitrate/Nitrite Class GA Criteria = 10 mg/L (no exceedances)
10. Shaded concentrations exceed Class GA criteria.
11. Results shown for parent wells and their respective duplicates are the highest detected concentrations.

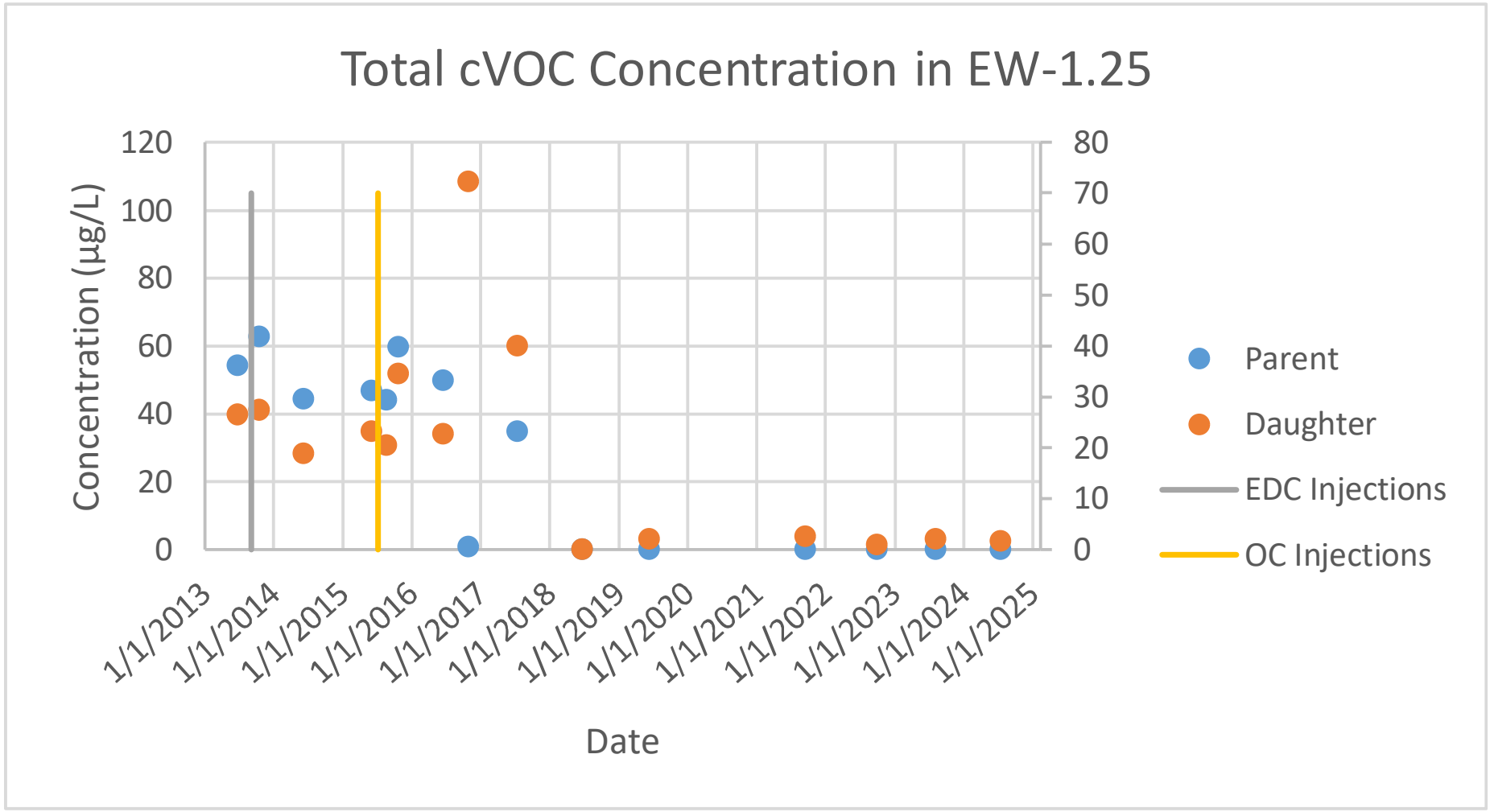
Attachment C
July 2024 Post-Injection Groundwater Analytical Results Summary
Former Signore Facility
Ellicottville, New York
BCP Site No. C905034

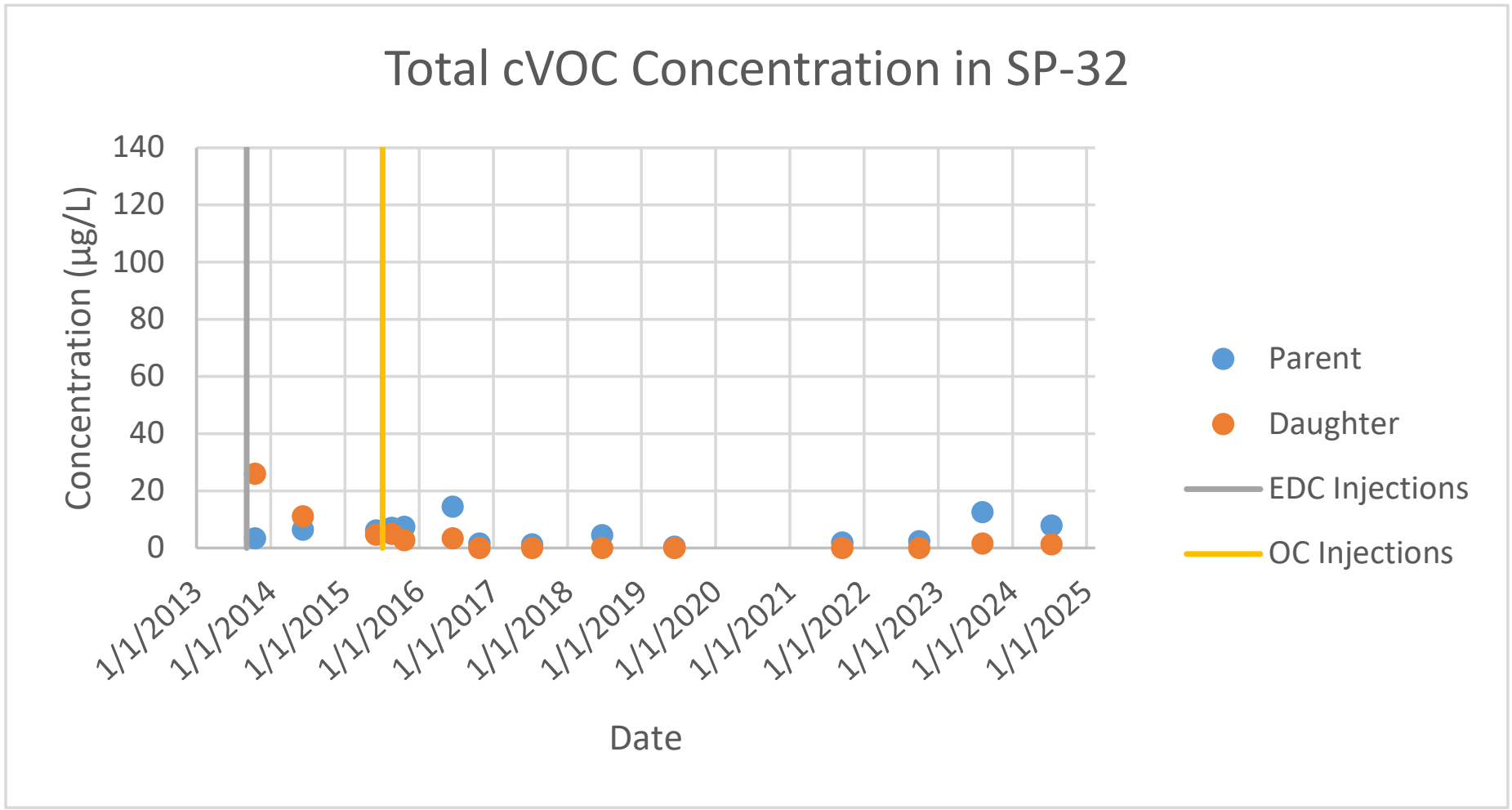
Sample Location Sample Date	Class GA Criteria	TP-11 6/3/2015	Q	TP-11 10/22/2015	Q	TP-11 6/16/2016	Q	TP-11 10/25/2016	Q	TP-11 7/12/2017	Q	TP-11 6/20/2018	Q	TP-11 6/13/2019	Q	TP-11 9/17/2021	Q	TP-11 9/30/2022	Q	TP-11 8/4/2023	Q	TP-11 7/12/2024	Q
Volatile Organic Compounds - EPA Method SW-8																							
Acetone	50	<		<		2	J	<		<		<		2.5	J	<		<		<		<	
Benzene	1	<		<		<		<		<		<		<		<		<		<		<	
Carbon disulfide	NV	<		<		<		<		<		<		<		<		<		<		<	
Chloromethane	NV	<		<		<		<		<		<		<		<		<		<		<	
1,1-Dichloroethane	5	<		<		<		<		<		<		<		<		<		<		<	
1,1-Dichloroethene	5	<		<		<		<		<		<		<		<		<		<		<	
Vinyl chloride	2	<		<		<		<		<		<		<		<		<		<		<	
2-Butanone	50	<		<		<		<		<		<		<		<		<		<		<	
cis-1,2-Dichloroethene	5	19		12		18		13		8.1		12.4		9.7		13		8.8		8.4		11	
Toluene	5	<		<		<		<		<		<		<		<		<		<		<	
1,1,1-Trichloroethane	5	<		<		<		<		<		<		<		<		<		<		<	
Tetrachloroethene	5	0.58		1.5		0.53		1.2		0.25	J	<		0.49	J	0.47	J	0.44	J	0.55		0.32	J
Trichloroethene	5	88		74		77		58		40		66.7		41		55		33		31		34	
trans-1,2-dichloroethene	5	<		<		<		<		<		<		<		<		<		<		<	
Total VOCs		107.58		87.50		97.53		72.20		48.35		79.10		53.69		68.47		42.24		39.95		45.32	
Field Parameters																							
Temperature (Deg. C)	NV	17.5		14.4		12.4		13.4		16.9		9.5		8.8		16.2		14.8		14.4		13.5	
Specific Conductance (mS/cm)	NV	0.37		0.535		0.493		0.504		0.393		0.464		0.447		0.558		0.518		0.519		0.531	
Dissolved Oxygen (mg/L)	NV	0.11		1.57		2.84		2.24		2.06		4.83		4.12		33.2		25.6		3.35		5.11	
Oxygen Reduction Potential (mv)	NV	-23.6		90.7		267.4		77.7		6.6		101.7		122		200.2		86.1		103.9		156.8	
pH (std. units)	NV	6.84		7.04		6.9		6.8		6.69		6.81		7.06		6.45		5.18		6.85		6.62	
Turbidity (NTUs)	NV	6.27		1.87		7.69		9.67		4.97		0.3		1.84		4.91		13.93		-6.72		37.49	
Inorganics (ug/L)																							
Iron	300	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	
Manganese	300	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	
Miscellaneous Water Quality Parameters																							
Methane (ug/L)	NV	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	
Ethane (ug/L)	NV	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	
Ethene (ug/L)	NV	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	
Total Organic Carbon (mg/L)	NV	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	
Chloride (mg/L)	250	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	
Nitrate (mg/L)	10	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	
Nitrite (mg/L)	1	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	
Sulfate (mg/L)	250	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	

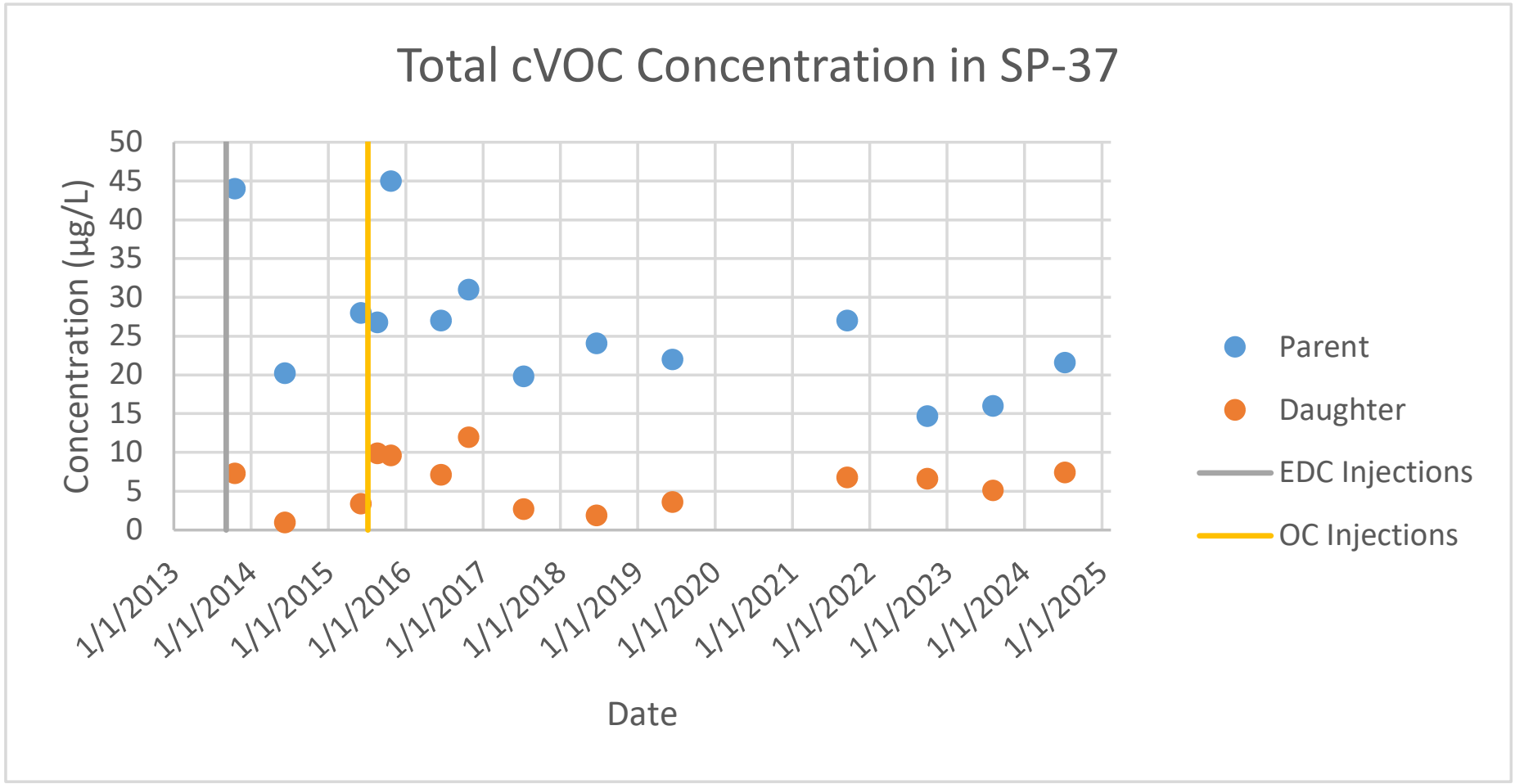
Notes:
1. Only compounds detected in one or more of the groundwater samples are presented in this table.
2. "<" indicates compound was not detected above the method detection limit.
3. Analytical testing completed by TestAmerica, Alpha Analytical and Pace Analytical.
4. Criteria is a guidance value.
5. Laboratory qualifiers: B = compound was found in the blank and sample; J = result is less than the RL but greater than or equal to the MDL and the concentration is an approximation; * - LCS or LCSD exceeds the control limits; D = value shown is result of dilution analysis; E = value above quantitation range. M1 = Matrix spike recover exceeded QC limits. Batch accepted based on laboratory LCS recovery. CH = continuing calibration for this compound is outside of laboratory acceptance limits; results may be biased high.
6. mg/L = parts per million; ug/L = parts per billion
7. NYSDEC Class GA Groundwater Criteria as promulgated in 6 NYCRR 703; Table 1 in Technical and Operational Guidance Series (1.1.1): Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, dated October 1993; revised June 1998; errata dated January 1999; addendum dated April 2000.
8. NV = no value; NS = Not sampled.
9. Sum of Nitrate/Nitrite Class GA Criteria = 10 mg/L (no exceedances)
10. Shaded concentrations exceed Class GA criteria.
11. Results shown for parent wells and their respective duplicates are the highest detected concentrations.

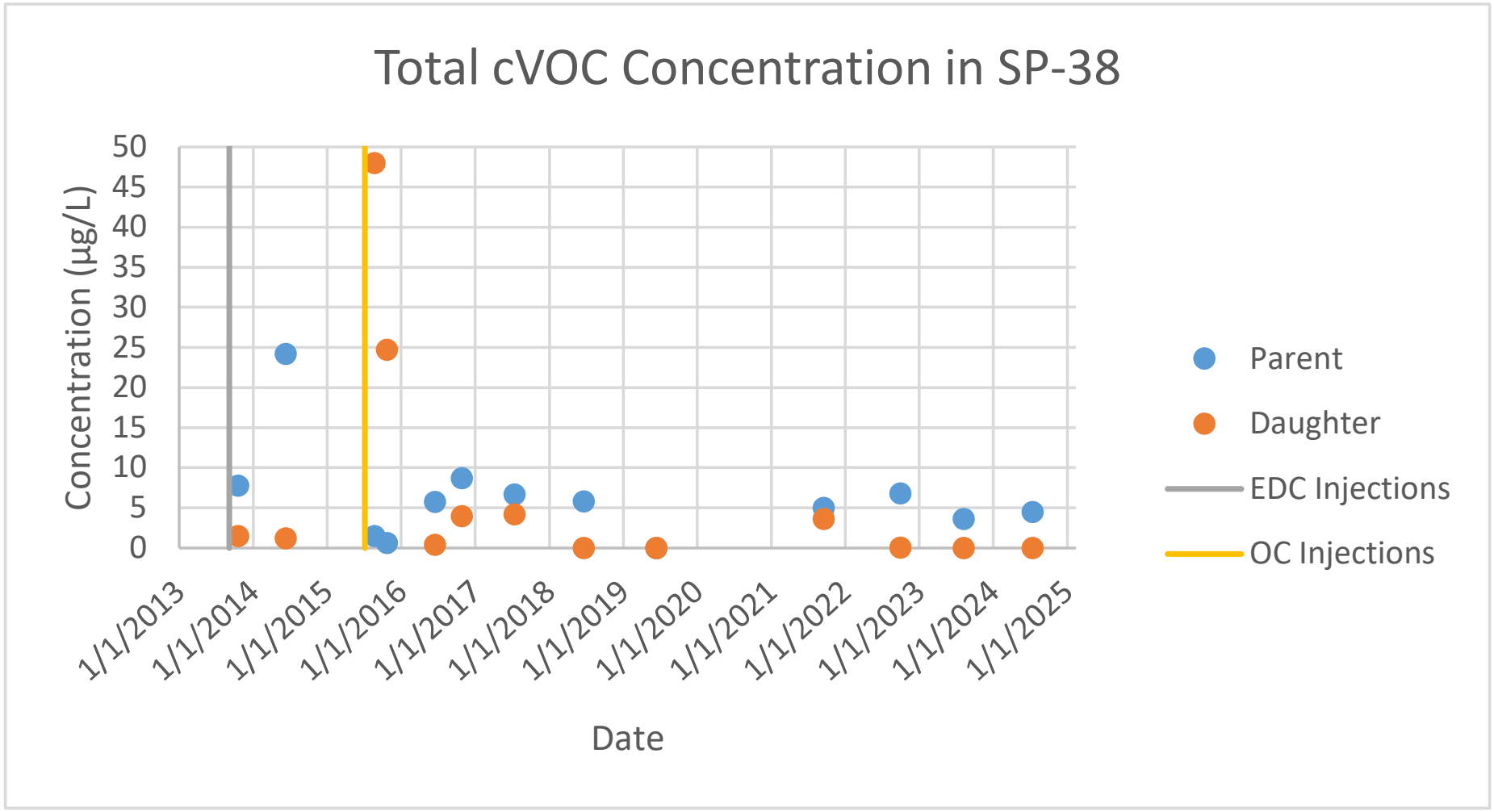
ATTACHMENT D

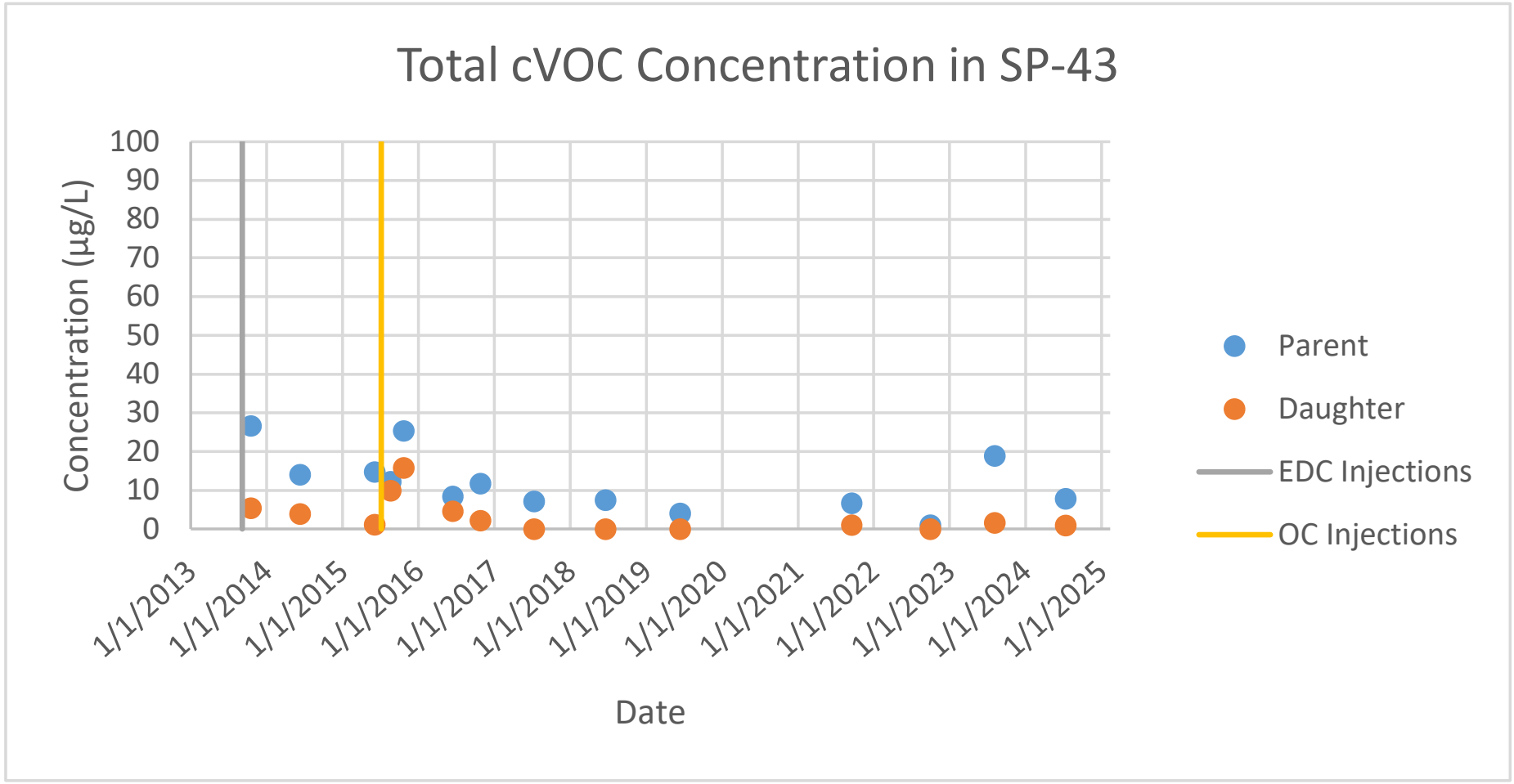
CONCENTRATIONS OF CVOC PARENT MATERIAL AND DAUGHTER PRODUCTS IN GROUNDWATER

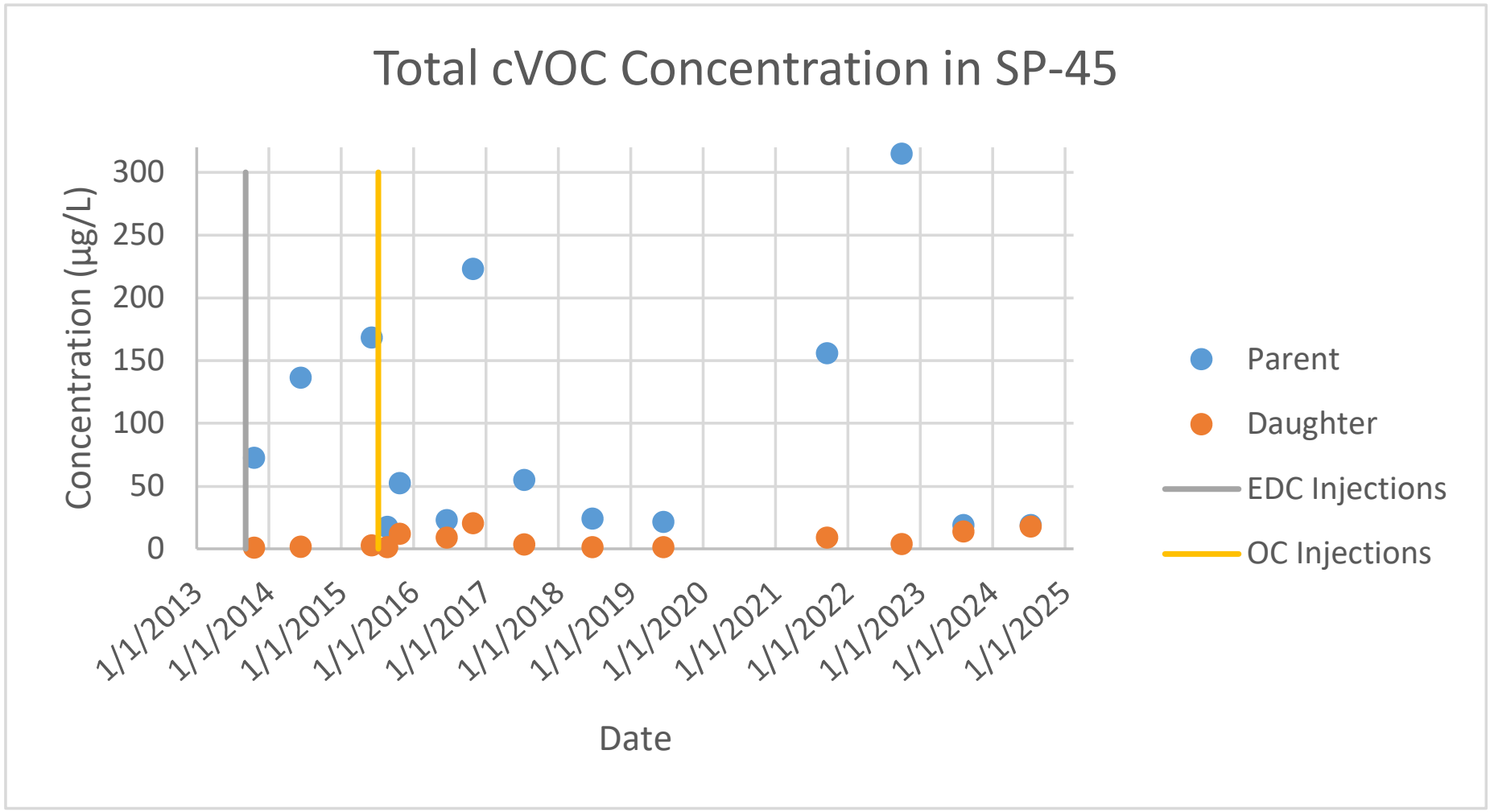

Total cVOC Concentration in EW-1.25
Concentration (µg/L)
120
100
80
60
40
20
0
80
70
60
50
40
30
20
10
0
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
Date
Parent
Daughter
EDC Injections
OC Injections

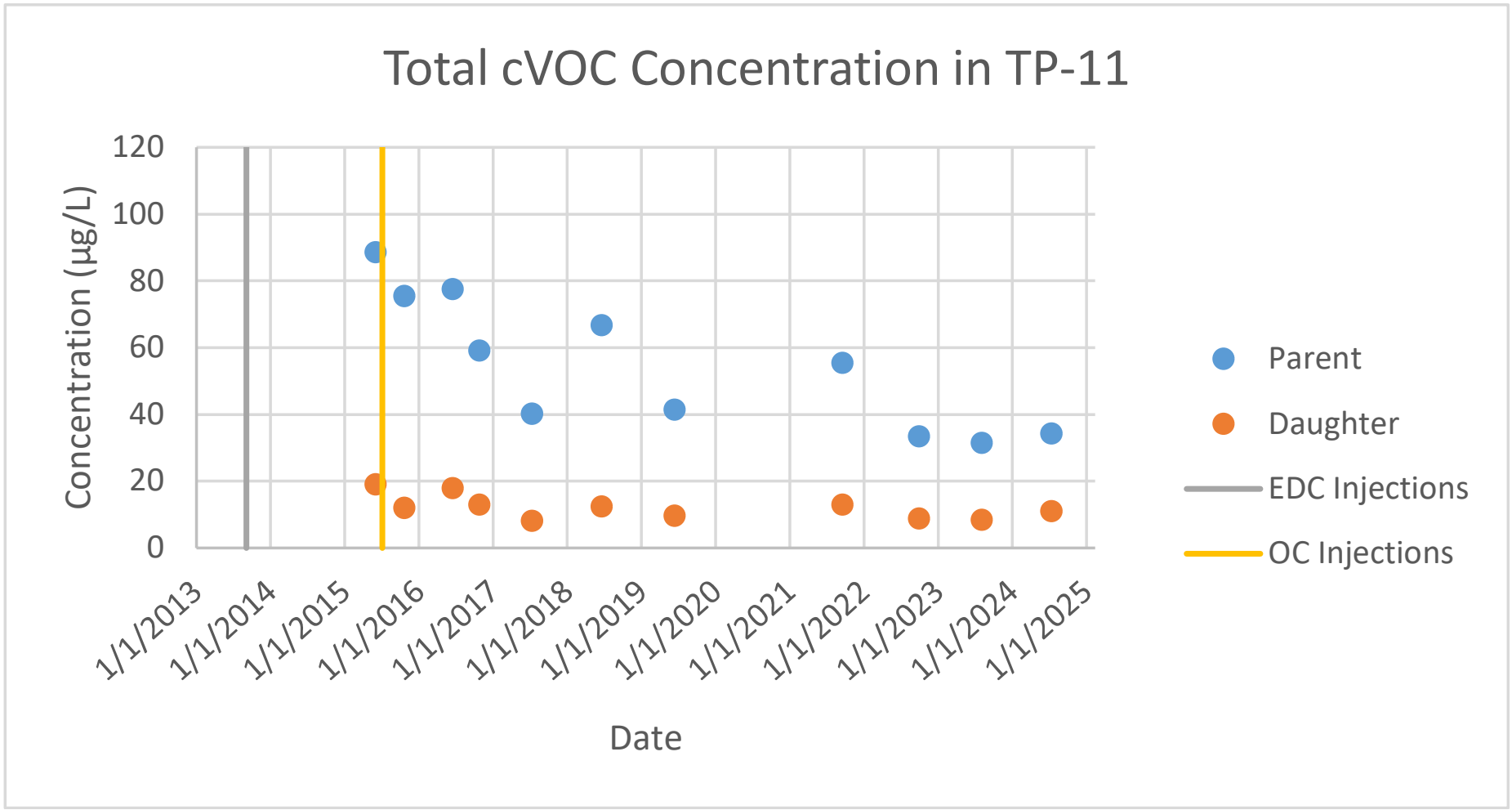

Total cVOC Concentration in SP-32
Concentration (µg/L)
140
120
100
80
60
40
20
0
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
Date
Parent
Daughter
EDC Injections
OC Injections


Total cVOC Concentration in SP-37
Concentration (µg/L)
50
45
40
35
30
25
20
15
10
5
0
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
Date
Parent
Daughter
EDC Injections
OC Injections


Total cVOC Concentration in SP-38
Concentration (µg/L)
50
45
40
35
30
25
20
15
10
5
0
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
Date
Parent
Daughter
EDC Injections
OC Injections


Total cVOC Concentration in SP-43
Concentration (µg/L)
100
90
80
70
60
50
40
30
20
10
0
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
Date
Parent
Daughter
EDC Injections
OC Injections


Total cVOC Concentration in SP-45
Concentration (µg/L)
300
250
200
150
100
50
0
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
Date
Parent
Daughter
EDC Injections
OC Injections


Total cVOC Concentration in TP-11
Concentration (µg/L)
120
100
80
60
40
20
0
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
Date
Parent
Daughter
EDC Injections
OC Injections

ATTACHMENT E

LABORATORY REPORT

ANALYTICAL REPORT

Lab Number:	L2439491
Client:	GZA GeoEnvironmental of New York 300 Pearl Street Suite 700 Buffalo, NY 14202
ATTN:	Thomas Bohlen
Phone:	(716) 844-7050
Project Name:	FORMER SIGNORE, INC.
Project Number:	21.0056367.69
Report Date:	07/22/24

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).

Project Name: FORMER SIGNORE, INC.
Project Number: 21.0056367.69

Lab Number: L2439491
Report Date: 07/22/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2439491-01	EW-1.25R-071224	WATER	55-57 JEFFERSON STREET	07/12/24 10:31	07/12/24
L2439491-02	TP-11-071224	WATER	55-57 JEFFERSON STREET	07/12/24 11:40	07/12/24
L2439491-03	SP-37-071224	WATER	55-57 JEFFERSON STREET	07/12/24 12:40	07/12/24
L2439491-04	SP-45-071224	WATER	55-57 JEFFERSON STREET	07/12/24 13:20	07/12/24
L2439491-05	SP-43-071224	WATER	55-57 JEFFERSON STREET	07/12/24 14:00	07/12/24
L2439491-06	SP-38-071224	WATER	55-57 JEFFERSON STREET	07/12/24 14:40	07/12/24
L2439491-07	SP-32-071224	WATER	55-57 JEFFERSON STREET	07/12/24 15:25	07/12/24
L2439491-08	DUP-071224	WATER	55-57 JEFFERSON STREET	07/12/24 00:00	07/12/24
L2439491-09	TRIP BLANK	WATER	55-57 JEFFERSON STREET	07/12/24 00:00	07/12/24

Project Name:	FORMER SIGNORE, INC.	**Lab Number:**	L2439491
Project Number:	21.0056367.69	**Report Date:**	07/22/24

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 Alpha 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, solids and tissues are reported on a dry 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, Alpha'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 Alpha Project Manager and made arrangements for Alpha 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: FORMER SIGNORE, INC. **Lab Number:** L2439491
Project Number: 21.0056367.69 **Report Date:** 07/22/24

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.

Sample Receipt

L2439491-01: The collection date and time on the chain of custody was 12-JUL-24 10:35; however, the collection date/time on the container label was 12-JUL-24 10:31. At the client's request, the collection date/time is reported as 12-JUL-24 10:31.

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: 07/22/24

ORGANICS

VOLATILES

Project Name: FORMER SIGNORE, INC. **Lab Number:** L2439491

Project Number: 21.0056367.69 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439491-01
Client ID: EW-1.25R-071224
Sample Location: 55-57 JEFFERSON STREET

Date Collected: 07/12/24 10:31
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/18/24 02:14
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	0.74	J	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	0.15	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: FORMER SIGNORE, INC. **Lab Number:** L2439491

Project Number: 21.0056367.69 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439491-01 Date Collected: 07/12/24 10:31

Client ID: EW-1.25R-071224 Date Received: 07/12/24

Sample Location: 55-57 JEFFERSON STREET 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	1.7	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	ND		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	119		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	107		70-130

Project Name: FORMER SIGNORE, INC. **Lab Number:** L2439491

Project Number: 21.0056367.69 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439491-02
Client ID: TP-11-071224
Sample Location: 55-57 JEFFERSON STREET

Date Collected: 07/12/24 11:40
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/18/24 02:38
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	0.25	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	34		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER SIGNORE, INC. **Lab Number:** L2439491

Project Number: 21.0056367.69 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439491-02 Date Collected: 07/12/24 11:40

Client ID: TP-11-071224 Date Received: 07/12/24

Sample Location: 55-57 JEFFERSON STREET 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	11		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	ND		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	118		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	104		70-130

Project Name: FORMER SIGNORE, INC. **Lab Number:** L2439491

Project Number: 21.0056367.69 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439491-03
Client ID: SP-37-071224
Sample Location: 55-57 JEFFERSON STREET

Date Collected: 07/12/24 12:40
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/18/24 03:03
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	7.6		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	14		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER SIGNORE, INC. **Lab Number:** L2439491

Project Number: 21.0056367.69 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439491-03 Date Collected: 07/12/24 12:40

Client ID: SP-37-071224 Date Received: 07/12/24

Sample Location: 55-57 JEFFERSON STREET 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	7.4		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	ND		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	117		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	104		70-130

Project Name: FORMER SIGNORE, INC. **Lab Number:** L2439491

Project Number: 21.0056367.69 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439491-04
Client ID: SP-45-071224
Sample Location: 55-57 JEFFERSON STREET

Date Collected: 07/12/24 13:20
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/18/24 03:27
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	9.0		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	9.9		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER SIGNORE, INC. **Lab Number:** L2439491

Project Number: 21.0056367.69 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439491-04 Date Collected: 07/12/24 13:20

Client ID: SP-45-071224 Date Received: 07/12/24

Sample Location: 55-57 JEFFERSON STREET 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	18		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	ND		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	116		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	104		70-130

Project Name: FORMER SIGNORE, INC. **Lab Number:** L2439491

Project Number: 21.0056367.69 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439491-05
Client ID: SP-43-071224
Sample Location: 55-57 JEFFERSON STREET

Date Collected: 07/12/24 14:00
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/18/24 03:51
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	5.5		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	2.3		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER SIGNORE, INC. **Lab Number:** L2439491

Project Number: 21.0056367.69 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439491-05 Date Collected: 07/12/24 14:00

Client ID: SP-43-071224 Date Received: 07/12/24

Sample Location: 55-57 JEFFERSON STREET 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	0.85	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	ND		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	103		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	102		70-130

Project Name: FORMER SIGNORE, INC. **Lab Number:** L2439491

Project Number: 21.0056367.69 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439491-06
Client ID: SP-38-071224
Sample Location: 55-57 JEFFERSON STREET

Date Collected: 07/12/24 14:40
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/18/24 04:15
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	0.48	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	4.0		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER SIGNORE, INC. **Lab Number:** L2439491

Project Number: 21.0056367.69 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439491-06 Date Collected: 07/12/24 14:40

Client ID: SP-38-071224 Date Received: 07/12/24

Sample Location: 55-57 JEFFERSON STREET 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	ND		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	119		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	100		70-130

Project Name: FORMER SIGNORE, INC. **Lab Number:** L2439491

Project Number: 21.0056367.69 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439491-07
Client ID: SP-32-071224
Sample Location: 55-57 JEFFERSON STREET

Date Collected: 07/12/24 15:25
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/18/24 04:40
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	0.41	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	0.19	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	7.4		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER SIGNORE, INC. **Lab Number:** L2439491

Project Number: 21.0056367.69 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439491-07 Date Collected: 07/12/24 15:25

Client ID: SP-32-071224 Date Received: 07/12/24

Sample Location: 55-57 JEFFERSON STREET 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	1.1	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	ND		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	114		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	101		70-130

Project Name: FORMER SIGNORE, INC. **Lab Number:** L2439491

Project Number: 21.0056367.69 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439491-08
Client ID: DUP-071224
Sample Location: 55-57 JEFFERSON STREET

Date Collected: 07/12/24 00:00
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/18/24 05:04
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	0.32	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	33		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER SIGNORE, INC. **Lab Number:** L2439491

Project Number: 21.0056367.69 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439491-08 Date Collected: 07/12/24 00:00

Client ID: DUP-071224 Date Received: 07/12/24

Sample Location: 55-57 JEFFERSON STREET 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	10		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	ND		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	114		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	100		70-130

Project Name: FORMER SIGNORE, INC. **Lab Number:** L2439491

Project Number: 21.0056367.69 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439491-09
Client ID: TRIP BLANK
Sample Location: 55-57 JEFFERSON STREET

Date Collected: 07/12/24 00:00
Date Received: 07/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/17/24 21:23
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	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER SIGNORE, INC. **Lab Number:** L2439491

Project Number: 21.0056367.69 **Report Date:** 07/22/24

SAMPLE RESULTS

Lab ID: L2439491-09 Date Collected: 07/12/24 00:00

Client ID: TRIP BLANK Date Received: 07/12/24

Sample Location: 55-57 JEFFERSON STREET 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	ND		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	109		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	98		70-130

Project Name: FORMER SIGNORE, INC. **Lab Number:** L2439491

Project Number: 21.0056367.69 **Report Date:** 07/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/17/24 20:58
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1948608-5					
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
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

Project Name: FORMER SIGNORE, INC. **Lab Number:** L2439491

Project Number: 21.0056367.69 **Report Date:** 07/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/17/24 20:58
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1948608-5					
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
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

Project Name: FORMER SIGNORE, INC. **Lab Number:** L2439491

Project Number: 21.0056367.69 **Report Date:** 07/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/17/24 20:58
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1948608-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER SIGNORE, INC.
Project Number: 21.0056367.69

Lab Number: L2439491
Report Date: 07/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1948608-3 WG1948608-4								
Methylene chloride	99		98		70-130	1		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	97		100		70-130	3		20
Carbon tetrachloride	96		98		63-132	2		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	95		93		63-130	2		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	93		93		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	100		110		62-150	10		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	97		100		67-130	3		20
Bromodichloromethane	99		100		67-130	1		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	95		94		70-130	1		20
Bromoform	87		85		54-136	2		20
1,1,2,2-Tetrachloroethane	120		120		67-130	0		20
Benzene	100		100		70-130	0		20
Toluene	110		100		70-130	10		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	92		90		64-130	2		20
Bromomethane	**150**	Q	**150**	Q	39-139	0		20
Vinyl chloride	110		110		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER SIGNORE, INC.

Project Number: 21.0056367.69

Lab Number: L2439491

Report Date: 07/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1948608-3 WG1948608-4								
Chloroethane	130		130		55-138	0		20
1,1-Dichloroethene	97		99		61-145	2		20
trans-1,2-Dichloroethene	100		97		70-130	3		20
Trichloroethene	92		97		70-130	5		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	93		91		63-130	2		20
p/m-Xylene	100		105		70-130	5		20
o-Xylene	105		100		70-130	5		20
cis-1,2-Dichloroethene	95		96		70-130	1		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	98		100		36-147	2		20
Acetone	77		94		58-148	20		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	97		84		63-138	14		20
4-Methyl-2-pentanone	100		110		59-130	10		20
2-Hexanone	100		98		57-130	2		20
Bromochloromethane	89		87		70-130	2		20
1,2-Dibromoethane	100		97		70-130	3		20
1,2-Dibromo-3-chloropropane	88		83		41-144	6		20
Isopropylbenzene	110		110		70-130	0		20
1,2,3-Trichlorobenzene	88		90		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER SIGNORE, INC.

Project Number: 21.0056367.69

Lab Number: L2439491

Report Date: 07/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1948608-3 WG1948608-4								
1,2,4-Trichlorobenzene	92		89		70-130	3		20
Methyl Acetate	93		82		70-130	13		20
Cyclohexane	95		100		70-130	5		20
1,4-Dioxane	104		102		56-162	2		20
Freon-113	98		100		70-130	2		20
Methyl cyclohexane	92		98		70-130	6		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	117		111		70-130
Toluene-d8	105		105		70-130
4-Bromofluorobenzene	103		103		70-130
Dibromofluoromethane	98		100		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER SIGNORE, INC.

Project Number: 21.0056367.69

Lab Number: L2439491

Report Date: 07/22/24

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): 01-09 QC Batch ID: WG1948608-6 WG1948608-7 QC Sample: L2439491-04 Client ID: SP-45-071224												
Methylene chloride	ND	10	9.8	98		11	110		70-130	12		20
1,1-Dichloroethane	ND	10	11	110		12	120		70-130	9		20
Chloroform	ND	10	10	100		11	110		70-130	10		20
Carbon tetrachloride	ND	10	9.6	96		10	100		63-132	4		20
1,2-Dichloropropane	ND	10	10	100		11	110		70-130	10		20
Dibromochloromethane	ND	10	8.8	88		9.9	99		63-130	12		20
1,1,2-Trichloroethane	ND	10	11	110		11	110		70-130	0		20
Tetrachloroethene	9.0	10	17	80		18	90		70-130	6		20
Chlorobenzene	ND	10	9.7	97		11	110		75-130	13		20
Trichlorofluoromethane	ND	10	10	100		12	120		62-150	18		20
1,2-Dichloroethane	ND	10	11	110		11	110		70-130	0		20
1,1,1-Trichloroethane	ND	10	10	100		11	110		67-130	10		20
Bromodichloromethane	ND	10	9.7	97		11	110		67-130	13		20
trans-1,3-Dichloropropene	ND	10	8.7	87		9.9	99		70-130	13		20
cis-1,3-Dichloropropene	ND	10	8.1	81		9.0	90		70-130	11		20
Bromoform	ND	10	8.1	81		8.6	86		54-136	6		20
1,1,2,2-Tetrachloroethane	ND	10	11	110		12	120		67-130	9		20
Benzene	ND	10	10	100		11	110		70-130	10		20
Toluene	ND	10	10	100		11	110		70-130	10		20
Ethylbenzene	ND	10	10	100		11	110		70-130	10		20
Chloromethane	ND	10	9.9	99		10	100		64-130	1		20
Bromomethane	ND	10	9.7	97		13	130		39-139	**29**	Q	20
Vinyl chloride	ND	10	11	110		12	120		55-140	9		20

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER SIGNORE, INC.

Project Number: 21.0056367.69

Lab Number: L2439491

Report Date: 07/22/24

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): 01-09 QC Batch ID: WG1948608-6 WG1948608-7 QC Sample: L2439491-04 Client ID: SP-45-071224												
Chloroethane	ND	10	14	**140**	Q	14	**140**	Q	55-138	0		20
1,1-Dichloroethene	ND	10	9.8	98		11	110		61-145	12		20
trans-1,2-Dichloroethene	ND	10	10	100		11	110		70-130	10		20
Trichloroethene	9.9	10	18	81		19	91		70-130	5		20
1,2-Dichlorobenzene	ND	10	10	100		11	110		70-130	10		20
1,3-Dichlorobenzene	ND	10	10	100		11	110		70-130	10		20
1,4-Dichlorobenzene	ND	10	10	100		11	110		70-130	10		20
Methyl tert butyl ether	ND	10	8.0	80		8.9	89		63-130	11		20
p/m-Xylene	ND	20	20	100		22	110		70-130	10		20
o-Xylene	ND	20	20	100		22	110		70-130	10		20
cis-1,2-Dichloroethene	18	10	27	90		28	100		70-130	4		20
Styrene	ND	20	19	95		21	105		70-130	10		20
Dichlorodifluoromethane	ND	10	9.9	99		11	110		36-147	11		20
Acetone	ND	10	8.4	84		9.7	97		58-148	14		20
Carbon disulfide	ND	10	10	100		11	110		51-130	10		20
2-Butanone	ND	10	8.9	89		12	120		63-138	**30**	Q	20
4-Methyl-2-pentanone	ND	10	8.7	87		11	110		59-130	**23**	Q	20
2-Hexanone	ND	10	8.3	83		9.5	95		57-130	13		20
Bromochloromethane	ND	10	8.8	88		9.4	94		70-130	7		20
1,2-Dibromoethane	ND	10	9.6	96		10	100		70-130	4		20
1,2-Dibromo-3-chloropropane	ND	10	7.7	77		8.5	85		41-144	10		20
Isopropylbenzene	ND	10	10	100		11	110		70-130	10		20
1,2,3-Trichlorobenzene	ND	10	8.0	80		9.2	92		70-130	14		20

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER SIGNORE, INC.

Project Number: 21.0056367.69

Lab Number: L2439491

Report Date: 07/22/24

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): 01-09 QC Batch ID: WG1948608-6 WG1948608-7 QC Sample: L2439491-04 Client ID: SP-45-071224												
1,2,4-Trichlorobenzene	ND	10	8.5	85		9.0	90		70-130	6		20
Methyl Acetate	ND	10	7.5	75		7.7	77		70-130	3		20
Cyclohexane	ND	10	9.9J	99		11	110		70-130	11		20
1,4-Dioxane	ND	500	460	92		460	92		56-162	0		20
Freon-113	ND	10	10	100		9.9	99		70-130	1		20
Methyl cyclohexane	ND	10	9.2J	92		9.8J	98		70-130	6		20

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
1,2-Dichloroethane-d4	117		114		70-130
4-Bromofluorobenzene	103		101		70-130
Dibromofluoromethane	100		99		70-130
Toluene-d8	104		106		70-130

Project Name: FORMER SIGNORE, INC.
Project Number: 21.0056367.69

Lab Number: L2439491
Report Date: 07/22/24

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(*)
L2439491-01A	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2439491-01B	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2439491-01C	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2439491-02A	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2439491-02B	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2439491-02C	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2439491-03A	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2439491-03B	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2439491-03C	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2439491-04A	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2439491-04A1	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2439491-04A2	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2439491-04B	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2439491-04B1	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2439491-04B2	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2439491-04C	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2439491-04C1	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2439491-04C2	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2439491-05A	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2439491-05B	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2439491-05C	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2439491-06A	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2439491-06B	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: FORMER SIGNORE, INC.
Project Number: 21.0056367.69

Lab Number: L2439491
Report Date: 07/22/24

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2439491-06C	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2439491-07A	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2439491-07B	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2439491-07C	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2439491-08A	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2439491-08B	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2439491-08C	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2439491-09A	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2439491-09B	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	FORMER SIGNORE, INC.	**Lab Number:**	L2439491
Project Number:	21.0056367.69	**Report Date:**	07/22/24

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:	FORMER SIGNORE, INC.	**Lab Number:**	L2439491
Project Number:	21.0056367.69	**Report Date:**	07/22/24

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	FORMER SIGNORE, INC.	**Lab Number:**	L2439491
Project Number:	21.0056367.69	**Report Date:**	07/22/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were 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:	FORMER SIGNORE, INC.	**Lab Number:**	L2439491
Project Number:	21.0056367.69	**Report Date:**	07/22/24

REFERENCES

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

LIMITATION OF LIABILITIES

Alpha Analytical 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 Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical 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 Alpha Analytical.

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
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
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

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, **LACHAT 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, 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, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

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, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

Serial No:07222410:58

L2439491 19JUL24
TPG

NEW YORK CHAIN OF CUSTODY

ALPHA

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

Mansfield, MA 02048
320 Forbes Blvd
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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 of

Date Rec'd in Lab 7/16/24

Client Information
Client: GZA GeoEnvironmental
Address: 300 Pearl Street Suite 700, Buffalo, NY 14202
Phone: 716-844-7050
Fax:
Email: Thomas.Bohlen@gza.com

Project Information
Project Name: Former Signore, Inc.
Project Location: 56-57 Jefferson street
Project # 21.0056367.69
(Use Project name as Project #)
Project Manager: Thomas Bohlen
ALPHAQuote #:

Turn-Around Time
Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables
[ ] ASP-A [ ] ASP-B
[ ] EQuIS (1 File) [X] EQuIS (4 File) EQuIS NYSDEC format
[ ] 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:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs 8260	Sample Specific Comments	Total Bottle
39491-01	EW-125R-071224	07/12/24	1035	W		X		
-02	TP-11-071224	071224	1140			X		
-03	SP-37-071224	071224	1240			X		
-04	SP-45-071224	071224	1320			X		
-05	SP-43-071224	071224	1400			X		
-06	SP-38-071224	071224	1440			X		
-07	SP-32-071224	071224	1525			X		
-08	DUP-071224	071224				X		
-04	[redacted] SP-45-071224-MS/MSD	071224	1320			X		
-09	TRIP BLANK							

Container Type: V
Preservative: B

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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

Relinquished By:	Date/Time	Received By:	Date/Time
	7-12-24 1735	DACE	7/12/24 17:35
DACE	7/12/24 17.35	BUFF SC	7/12/24 17:35
BUFF SC	7-15-24 15:20	Russell B Bibby	7-15-24 15:20
Russell B Bibby	7-15-24 2000		7-16-24 2000

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)

GZA GeoEnvironmental, Inc.