

PO Box 263
Stony Brook, NY 11790
Phone 631-751-6458
Fax 631-675-1185
Cell 631 834-9537
Email jvsode@hotmail.com

May 10, 2023

Jolene Lozewski
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway Albany, NY 12233-7020
Tel: (518) 402-9621

Re: Former Quick and Clean
380 Rockaway Turnpike
Cedarhurst, New York

NYSDEC Site No. 130198
Quarterly Sampling Report (QSR)

Dear Ms. Lozewski,

This correspondence is a summary of quarterly activities conducted at the Former Quick and Clean Cleaners facility located in Cedarhurst, New York (area & site map included as Figure-1 and Figure-2). The quarterly sampling activities were conducted on April 12, 2023 and included: well gauging, well sampling and testing.

A site map was developed depicting the groundwater flow direction (Figure-3) and separate tables are included listing the depth to groundwater (DTW) measurements and laboratory test results. (Table-1 and Table-2).

Quarterly Monitoring and Sampling

The latest monitoring/sampling event was conducted on April 12, 2023 which included the following activities:

- DTW measurements at the four (4) site monitoring wells
- Purging and sampling of on-site groundwater monitoring wells
- Testing of monitoring wells by EPA method 8260C
- Effluent air testing via summa can TO-15
- Preparation of summary report

At the time of the sampling, depth to groundwater across the subject property was measured between 5.89 ft. and 11.36 ft. bgs. As indicated on the attached Table 1, no free phase product was detected in any of the groundwater monitoring wells. This month's water table elevation measurements were used to prepare the site specific groundwater flow map (Figure 3).

Based upon prior site data and recent DTW readings using on-site monitoring wells to form a triangulation (MW-1, MW-2, & MW-4) the flow direction was determined to flow to the west.

Groundwater Sampling

Subsequent to the recording of groundwater measurements, the monitoring wells were adequately purged and sampled for volatile organic compounds (VOCs) via method 8260C. The samples were analyzed by American Analytical Laboratories, a NYSDOH-ELAP certified laboratory under appropriate chain of custody protocols. Laboratory data summary sheets are provided as Table-2. The original lab results package is attached as Appendix-A.

The results of the laboratory analysis were compared to NYSDEC Class GA Groundwater Standards and Guidance Values (SGVs) set forth in the Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1 reissued June 1998, addenda April 2000 and June 2004. Chlorinated constituents tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-Dichloroethene (1,2 DCE) and trans-1,2-Dichloroethene (1,2 DCE) all have a groundwater standard of 5 *ppb* and Vinyl Chloride (VC) has a standard of 2 *ppb*. Quarterly sampling results are summarized in Table-2, which report the presence of chlorinated VOCs detected. Detections recorded above the TOGS groundwater standards are highlighted on Table-2.

Chlorinated VOCs were present above the TOGS standards for groundwater in each of the monitoring wells sampled: MW-1, MW-2, MW-3 and MW-4. PCE and TCE concentrations were non-detect at well MW-1, cis-1,2-Dichloroethene was detected above standards at 2,880.0 ppb, trans-1,2-Dichloroethene was detected above standards at 56.6 ppb, and VC was non-detect. PCE and TCE concentrations were non-detect at well MW-2, cis-1,2-Dichloroethene was detected above standards at 347,000.0 ppb, trans-1,2-Dichloroethene was detected above standards at 574.0 ppb, and VC was detected above standards at 2,080.0 ppb. PCE and TCE concentrations were non-detect at well MW-3, cis-1,2-Dichloroethene was detected above standards at 283.0 ppb, trans-1,2-Dichloroethene was detected above standards at 7.3ppb, and VC was detected below standards at 1.1 ppb. PCE and TCE concentrations were non-detect at well MW-4, cis-1,2-Dichloroethene was detected above standards at 54.4 ppb, trans-1,2-Dichloroethene was non-detect, and VC was detected above standards at 28.9 ppb.

Groundwater also showed elevated levels of BTEX (Benzene, Toluene, Ethylbenzene, m,p-Xylene and o-Xylene) during the April 2023 sampling event. BTEX was detected at a total concentration of 13,424.0 ppb in MW-1, at 2,884.0 ppb in MW-2, at 681.10 ppb in MW-3, and at 7,246.40 ppb in MW-4. A decrease in Total BTEX concentrations was seen at well MW-2 during this most recent

quarterly sampling event. A decrease in Total VOC concentrations was also seen in two (2) out of the four (4) wells sampled. Concentrations may be due to contamination from one of the nearby gas stations.

Effluent Air Testing

Effluent air testing is conducted on a quarterly basis and analyzed by an ELAP certified lab via EPA TO-15 parameters for VOCs. The results for this event documented sub-slab vapor readings for PCE at 88.3 ppbv; TCE at 55.8 ppbv; total DCE at 151.92 ppbv and VC was non-detect. The results are tabulated and included on the attached Table-2.

The effluent collection procedure involves connection from the effluent sampling port to the summa can, affixed with a 30 second grab regulator with clean 3/8" poly-tubing. The can is opened upon proper connection of the sample tubing and the sample is procured over the 30 second interval or until the pressure on the summa can achieves a negative pressure reading between -1.0 and -5.0 psi.

Interim Remedial Measure (IRM) Construction Completion Report (CCR)

An IRM CCR has been drafted documenting the overall installation of the SSDS system. The IRM CCR includes an Operation, Maintenance and Monitoring (OM&M) Plan, which was provided to the building manager and is available on-site in order to maintain proper operation of the system.

Conclusions

Continued monitoring/sampling of groundwater will continue on a quarterly basis as well as quarterly sampling and monthly monitoring of the SSDS. All monthly OM&M activities are included in the Monthly Progress Reports (MPR's). The next quarterly sampling event is scheduled for July 2023.

Sincerely,

John V. Soderberg P.E

cc Phil Shapiro (client)
Justin Halpin (BEI)
Jacquelyn Nealon (NYSDOH)
Charlotte Bethoney (NYSDOH)
Alali Tamuno (DEC)
Bob Corcoran (DEC)

JOHN V. SODERBERG, P.E.

P.O. Box 263
Stony Brook, NY 11790
Phone: 631-751-6458
Fax: 631-675-1185
Cell: 631-834-9537
Email: jvsode@hotmail.com

May 10, 2023

Jolene Lozewski
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway Albany, NY 12233-7020
Tel: (518) 402-9621

Re: Monthly SSDS Monitoring for February 2023
Former Quick and Clean Cleaners
380 Rockaway Turnpike Cedarhurst, NY
Site No.: 130198

On February 24th, 2023, BEI personnel were at the above mentioned site for monthly monitoring and maintenance operations (OM&M). Personnel mobilized to the site listed above to gauge PID readings on the north and south legs and the exhaust of the sub-slab depressurization system (SSDS). Attached to this report are the following:

- * Field Maintenance Log (Attachment-A)
- * Tables (Table-1 and Table-2)
- * Site Location/ Map/As-Built (Figure-1, 2, and 3)
- * Lab Data (Attachment-B)

While on-site, personnel recorded PID readings and air flow concentrations on all sampling ports associated with the system. All system components were checked for leaks, cracks and electrical components were also inspected.

*The next monitoring events are scheduled for March, April, and May 2023.

*This OM&M report is due on May 10th, 2023 and all Monthly OM&M reports will be included in the Quarterly Sampling Report and will be forwarded to NYSDEC to the attention of Jolene Lozewski.

Sincerely,

John V. Soderberg P.E.

cc.: Phil Shapiro (client)
Justin Halpin (BEI)
Jacquelyn Nealon (NYSDOH)
Charlotte Bethoney (NYSDOH)
Alali Tamuno (DEC)

JOHN V. SODERBERG, P.E.

P.O. Box 263
Stony Brook, NY 11790
Phone: 631-751-6458
Fax: 631-675-1185
Cell: 631-834-9537
Email: jvsode@hotmail.com

May 10, 2023

Jolene Lozewski
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway Albany, NY 12233-7020
Tel: (518) 402-9621

Re: Monthly SSDS Monitoring for March 2023
Former Quick and Clean Cleaners
380 Rockaway Turnpike Cedarhurst, NY
Site No.: 130198

On March 13th, 2023, BEI personnel were at the above mentioned site for monthly monitoring and maintenance operations (OM&M). Personnel mobilized to the site listed above to gauge PID readings on the north and south legs and the exhaust of the sub-slab depressurization system (SSDS). Attached to this report are the following:

- * Field Maintenance Log (Attachment-A)
- * Tables (Table-1 and Table-2)
- * Site Location/ Map/As-Built (Figure-1, 2, and 3)
- * Lab Data (Attachment-B)

While on-site, personnel recorded PID readings and air flow concentrations on all sampling ports associated with the system. All system components were checked for leaks, cracks and electrical components were also inspected.

*The next monitoring events are scheduled for April, May, and June 2023.

*This OM&M report is due on May 10th, 2023 and all Monthly OM&M reports will be included in the Quarterly Sampling Report and will be forwarded to NYSDEC to the attention of Jolene Lozewski.

Sincerely,

John V. Soderberg P.E.

cc.: Phil Shapiro (client)
Justin Halpin (BEI)
Jacquelyn Nealon (NYSDOH)
Charlotte Bethoney (NYSDOH)
Alali Tamuno (DEC)

JOHN V. SODERBERG, P.E.

P.O. Box 263
Stony Brook, NY 11790
Phone: 631-751-6458
Fax: 631-675-1185
Cell: 631-834-9537
Email: jvsode@hotmail.com

May 10, 2023

Jolene Lozewski
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway Albany, NY 12233-7020
Tel: (518) 402-9621

Re: Monthly SSDS Monitoring for April 2023
Former Quick and Clean Cleaners
380 Rockaway Turnpike Cedarhurst, NY
Site No.: 130198

On April 12th, 2023, BEI personnel were at the above mentioned site for monthly monitoring and maintenance operations (OM&M). Personnel mobilized to the site listed above to gauge PID readings on the north and south legs and the exhaust of the sub-slab depressurization system (SSDS). Attached to this report are the following:

- * Field Maintenance Log (Attachment-A)
- * Tables (Table-1 and Table-2)
- * Site Location/ Map/As-Built (Figure-1, 2, and 3)
- * Lab Data (Attachment-B)

While on-site, personnel recorded PID readings and air flow concentrations on all sampling ports associated with the system. All system components were checked for leaks, cracks and electrical components were also inspected.

*The next monitoring events are scheduled for May, June, and July 2023.

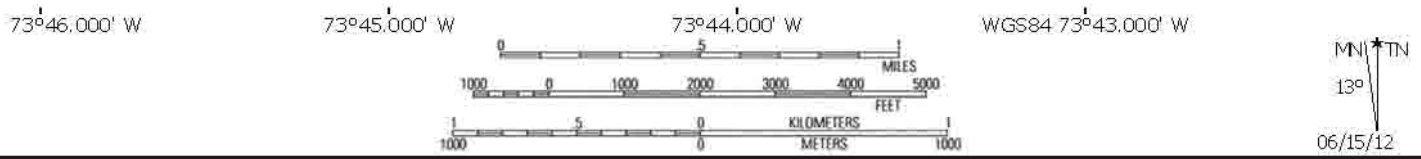
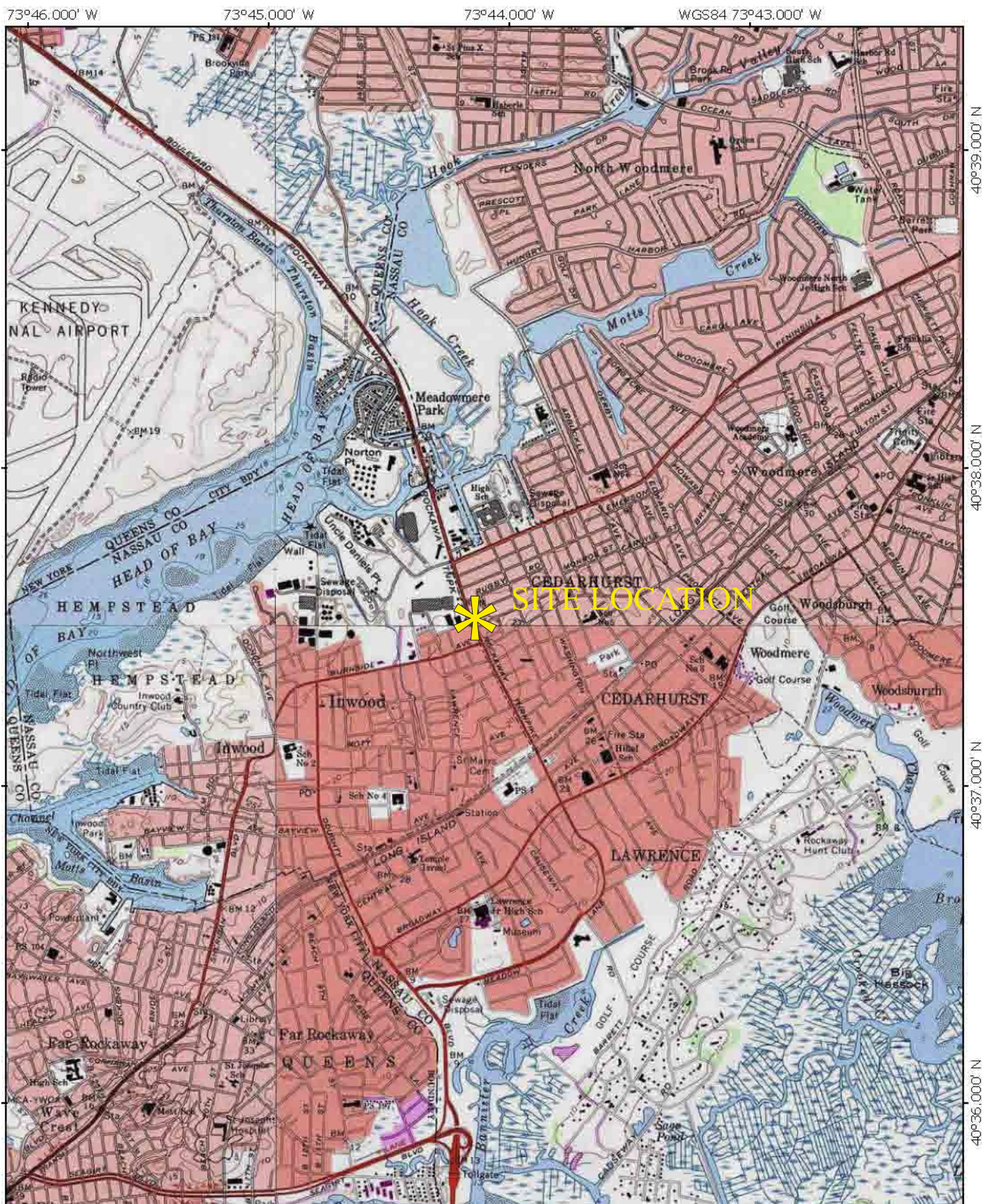
*This OM&M report is due on May 10th, 2023 and all Monthly OM&M reports will be included in the Quarterly Sampling Report and will be forwarded to NYSDEC to the attention of Jolene Lozewski.

Sincerely,

John V. Soderberg P.E.

cc.: Phil Shapiro (client)
Justin Halpin (BEI)
Jacquelyn Nealon (NYSDOH)
Charlotte Bethoney (NYSDOH)
Alali Tamuno (DEC)

FIGURES



**Former Quick and Clean Cleaners
380 Rockaway Turnpike
Cedarhurst, New York**

**Figure-1
Site Location**

**John V. Soderberg P.E.
PO Box 263
Stony Brook, NY 11790**

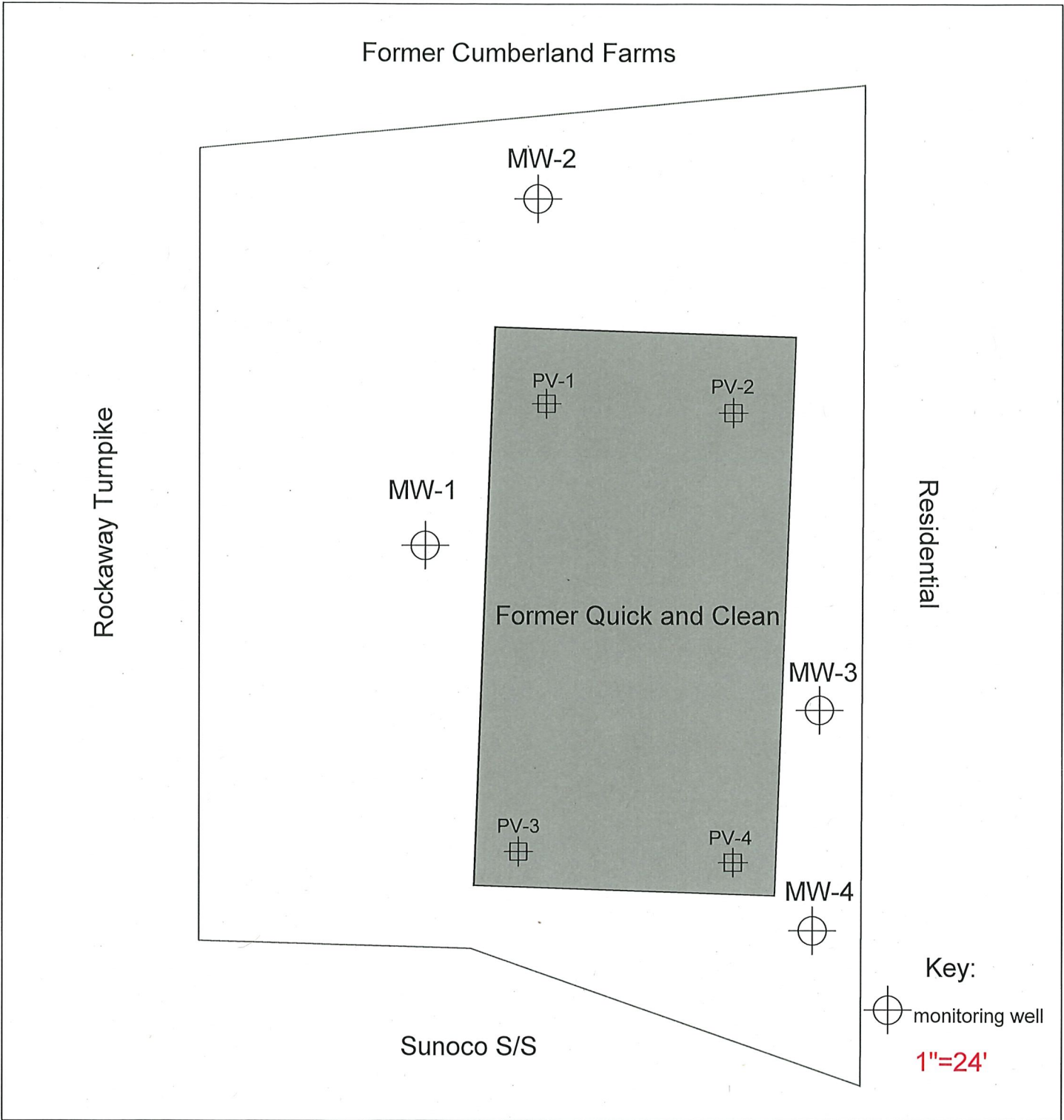


Figure-2
Site Map

Former Quick and Clean Cleaners
 380 Rockaway Turnpike
 Cedarhurst, NY

John V. Soderberg P.E
 PO Box 263
 Stony Brook, NY 11790

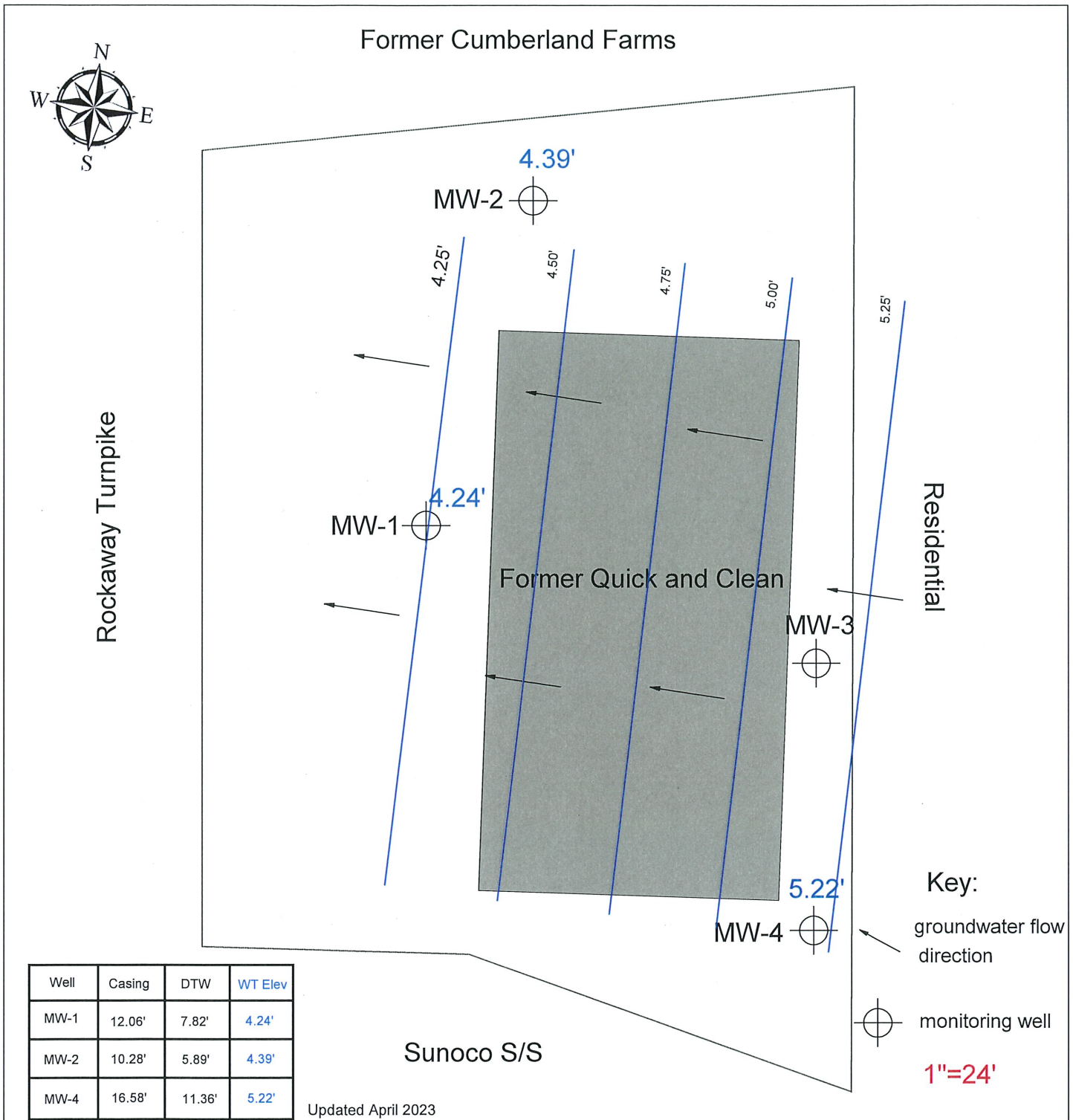


Figure-3
Groundwater
Flow Model

Former Quick and Clean Cleaners
380 Rockaway Turnpike
Cedarhurst, NY

John V. Soderberg P.E
PO Box 263
Stony Brook, NY 11790

Former Cumberland Farms SS



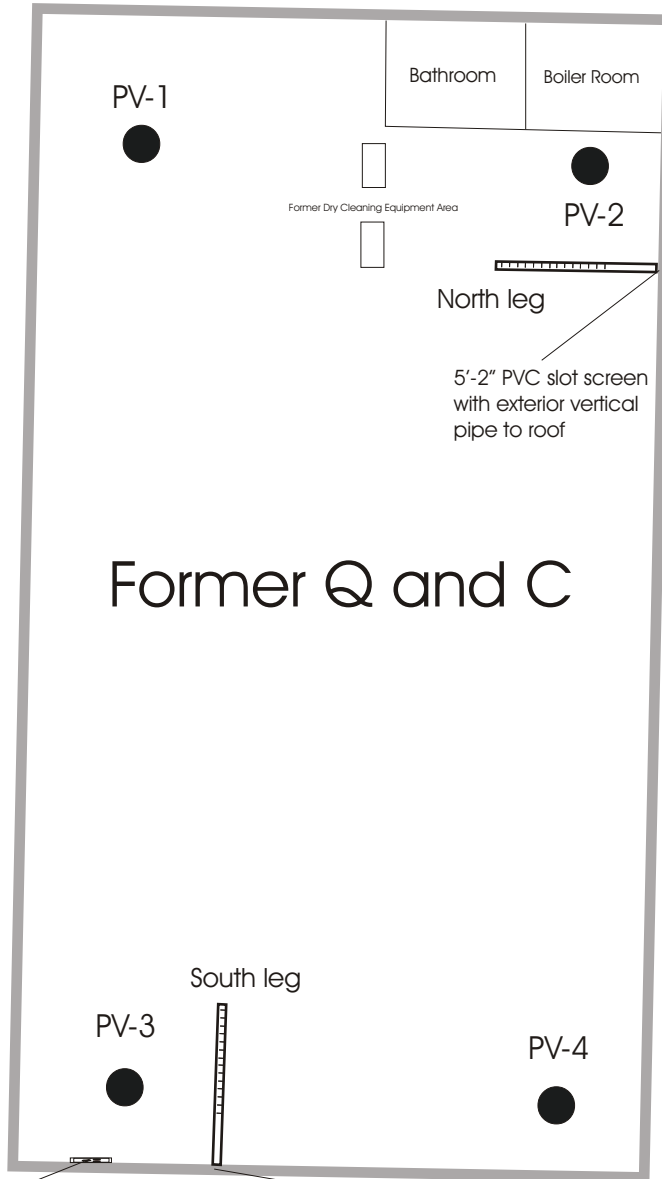
● Perm vapor point

Rockaway Turnpike

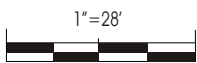
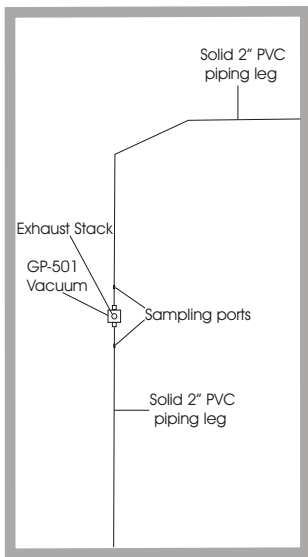
Fence

Residential

Drain trenching

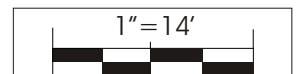


PLAN VIEW ROOFTOP CONSTRUCTION



On/off switch system shutdown warning light

5'-2" PVC slot screen with exterior vertical pipe to roof



**Former Quick and Clean Cleaners
380 Rockaway Turnpike
Cedarhurst, New York**

**Figure-4
SSDS
As-built**

**John V. Soderberg P.E
PO Box 263
Stony Brook, New York**

TABLES

TABLE-1
MONITORING WELL MEASUREMENTS

Site Location:

Former Quick and Clean Cleaners
380 Rockaway Turnpike
Cedarhurst, NY

Client:

380 Rockaway Turnpike Realty Corp
36 Lawrence Avenue
Lawrence, NY

Abbreviation Key

| | | |
|--|--------------------------------|---------------------------------------|
| DTW - Depth to Water from Casing (ft) | D - Dry | V - Disabled Vehicle over Well |
| DTP - Depth to Product from Casing (ft) | C - Cannot Locate | R - Recovery Pump in Well |
| PT - Product Thickness (ft) | G - Gone / Destroyed | |
| T - Trace Product | D.O. - Dissolved Oxygen | |

April 12, 2023

| Wells | DTW | DTP | PT | D.O. |
|--------------|--------------|------------|-----------|-------------|
| MW-1 | 7.82 | -- | -- | 3.77 |
| MW-2 | 5.89 | -- | -- | 3.39 |
| MW-3 | 10.47 | -- | -- | 3.45 |
| MW-4 | 11.36 | -- | -- | 3.29 |

TABLE-1
SSDS

Site Location:

Former Quick and Clean Cleaners
380 Rockaway Turnpike
Cedarhurst, NY

Client:

380 Rockaway Turnpike Realty Corp
36 Lawrence Avenue
Lawrence, NY

Abbreviation Key

PID - Photo Ionization Detector

FPM- feet per minute

ppm- parts per million

February 24, 2023

| SSDS Wells | PID (ppm) | FPM/Vacuum |
|-------------------|------------------|-------------------|
| Exhaust | 0.0 | 154 |
| North Leg | 0.0 | 308 |
| South Leg | 0.0 | 298 |

TABLE-1
SSDS

Site Location:

Former Quick and Clean Cleaners
380 Rockaway Turnpike
Cedarhurst, NY

Client:

380 Rockaway Turnpike Realty Corp
36 Lawrence Avenue
Lawrence, NY

Abbreviation Key

PID - Photo Ionization Detector

FPM- feet per minute

ppm- parts per million

March 13, 2023

| SSDS Wells | PID (ppm) | FPM/Vacuum |
|-------------------|------------------|-------------------|
| Exhaust | 0.0 | 194 |
| North Leg | 0.0 | 303 |
| South Leg | 0.0 | 298 |

TABLE-1
SSDS

Site Location:

Former Quick and Clean Cleaners
380 Rockaway Turnpike
Cedarhurst, NY

Client:

380 Rockaway Turnpike Realty Corp
36 Lawrence Avenue
Lawrence, NY

Abbreviation Key

PID - Photo Ionization Detector

FPM- feet per minute

ppm- parts per million

April 12, 2023

| SSDS Wells | PID (ppm) | FPM/Vacuum |
|-------------------|------------------|-------------------|
| Exhaust | 0.0 | 278 |
| North Leg | 0.0 | 298 |
| South Leg | 0.0 | 294 |

Former Quick and Clean Cleaners
380 Rockaway Turnpike
Cedarhurst, NY
As of April 2023
Table-2

| MW-1 | DTW | PCE | TCE | Total DCE | VC |
|----------|---------|------|-------|-----------|-------|
| Apr 2023 | 7.82 | n/d | n/d | 2,936.6 | n/d |
| Jan 2023 | 7.82 | n/d | n/d | 5,392.9 | 50.5 |
| Oct 2022 | 7.83 | n/d | n/d | 4,024.0 | 46.3 |
| Jul 2022 | 7.94 | n/d | n/d | 4,947.4 | 80 |
| Apr 2022 | 7.60 | n/d | 1.6 | 6,252.0 | 191 |
| Jan 2022 | 7.80 | 2.0 | 2.9 | 14,170.0 | 680 |
| Oct 2021 | 7.23 | 2.4 | 22.0 | 10,010.0 | 1,400 |
| Jul 2021 | 7.27 | 13 | 59.0 | 5,311.0 | 870 |
| Apr 2021 | 7.33 | 1.5 | 97.0 | 17,057.0 | 1,300 |
| Jan 2021 | 7.23 | n/d | n/d | 12,000.0 | 96 |
| Oct 2020 | 7.35 | 0.8 | n/d | 3,201.9 | 36 |
| Jul 2020 | 7.56 | 1.1 | n/d | 1,911.0 | 61 |
| Apr 2020 | Blocked | NA | NA | NA | NA |
| Jan 2020 | 7.33 | 1.3 | n/d | 13,034.0 | 450 |
| Oct 2019 | 7.40 | 3.6 | n/d | 24,092.0 | 380 |
| Aug 2019 | 7.40 | 37 | n/d | 25,120.0 | 2,100 |
| Apr 2019 | 7.17 | <1 | n/d | 13,022.0 | 270 |
| Jan 2019 | 6.27 | 3.6 | 3.6 | 12,022.0 | 160 |
| Oct 2018 | 7.11 | 1.6 | n/d | 8,807.9 | 220 |
| Jul 2018 | 7.82 | 0.77 | 100.0 | 7.3 | 450 |
| Apr 2018 | 6.52 | 0.3 | n/d | 5,212.0 | 240 |
| Jan 2018 | 7.54 | 0.3 | n/d | 1,801.7 | 35 |
| Oct 2017 | 7.78 | 1.5 | 9.8 | 2,305.7 | 280 |
| Jul 2017 | 7.04 | 0.4 | 4.7 | 5,424.0 | 420 |
| Apr 2017 | 7.07 | 0.5 | n/d | 2,418.0 | n/d |
| Feb 2017 | 7.36 | 0.4 | n/d | 2,703.4 | n/d |
| Oct 2016 | 6.56 | 0.7 | n/d | 892.3 | n/d |
| Jul 2016 | 6.45 | n/d | n/d | 6,307.0 | 18 |
| Apr 2016 | 6.87 | 0.5 | n/d | 14,000.0 | 200 |
| Jan 2016 | 7.52 | n/d | n/d | 12,021.0 | 160 |
| Oct 2015 | 7.68 | 1.4 | n/d | 9,336.0 | 190 |

| MW-3 | DTW | PCE | TCE | Total DCE | VC |
|----------|-------|------|-----|-----------|-----|
| Apr 2023 | 10.47 | n/d | n/d | 290.3 | 1.1 |
| Jan 2023 | 10.48 | n/d | n/d | 73.5 | n/d |
| Oct 2022 | 10.24 | n/d | n/d | 163.0 | 2 |
| Jul 2022 | 10.60 | 1.5 | 1.3 | 71.8 | n/d |
| Apr 2022 | 10.27 | 1.6 | n/d | 87.9 | n/d |
| Jan 2022 | 10.50 | 1.7 | n/d | 60 | n/d |
| Oct 2021 | 8.98 | 0.84 | n/d | 6.7 | n/d |
| Jul 2021 | 9.00 | 1.1 | n/d | 120 | n/d |
| Apr 2021 | 10.01 | 1.1 | n/d | 50 | n/d |
| Jan 2021 | 9.87 | n/d | n/d | 220 | n/d |
| Oct 2020 | 10.05 | 1.1 | n/d | 200 | n/d |
| Jul 2020 | 10.25 | 1.4 | n/d | 40 | n/d |
| Apr 2020 | 9.98 | n/d | n/d | 19.3 | n/d |
| Jan 2020 | 9.95 | 0.9 | n/d | 8.1 | n/d |
| Oct 2019 | 10.01 | n/d | n/d | 230.0 | n/d |
| Aug 2019 | 10.02 | 1.9 | n/d | 50.0 | n/d |
| Apr 2019 | 9.81 | 0.4 | n/d | 0.9 | n/d |
| Jan 2019 | 9.29 | 0.4 | n/d | 3.2 | n/d |
| Oct 2018 | 9.81 | 0.4 | n/d | 26.0 | n/d |
| Jul 2018 | 10.45 | 1.4 | n/d | 35.3 | n/d |
| Apr 2018 | 9.33 | 0.6 | n/d | 67.3 | n/d |
| Jan 2018 | 9.08 | n/d | n/d | 140.0 | n/d |
| Oct 2017 | 9.26 | 0.6 | n/d | 251.4 | n/d |
| Jul 2017 | 9.37 | 0.5 | n/d | 231.3 | n/d |
| Apr 2017 | 9.63 | 0.5 | n/d | 632.6 | n/d |
| Feb 2017 | 10.00 | 0.3 | 0.9 | 651.8 | n/d |
| Oct 2016 | 9.89 | n/d | n/d | 10.0 | n/d |
| Jul 2016 | 9.82 | 1.4 | n/d | 381.0 | n/d |
| Apr 2016 | 10.24 | 1.0 | n/d | 39.0 | n/d |
| Jan 2016 | 10.12 | 0.9 | n/d | 29.0 | n/d |
| Oct 2015 | 10.28 | 2.2 | n/d | 92.0 | n/d |

| MW-2 | DTW | PCE | TCE | Total DCE | VC |
|----------|---------|------|------|-----------|-------|
| Apr 2023 | 5.89 | n/d | n/d | 347,574.0 | 2,080 |
| Jan 2023 | 5.87 | n/d | 1.1 | 27,077.0 | 2,810 |
| Oct 2022 | 5.65 | n/d | n/d | 36,888.0 | 4,190 |
| Jul 2022 | 5.99 | n/d | 1.7 | 34,448.0 | 4,250 |
| Apr 2022 | 5.66 | 1.1 | 6.5 | 10,885.6 | 1,070 |
| Jan 2022 | 5.99 | 1.2 | 8.9 | 13,065.0 | 3,300 |
| Oct 2021 | 5.41 | 8.0 | 4.0 | 3,112.0 | 1,900 |
| Jul 2021 | 5.45 | 0.55 | 6.2 | 8,038.0 | 3,600 |
| Apr 2021 | 5.42 | n/d | 4.9 | 6,811.0 | 860 |
| Jan 2021 | 5.40 | n/d | n/d | 34,000.0 | 2,100 |
| Oct 2020 | 5.45 | n/d | n/d | 33,044.0 | 4,400 |
| Jul 2020 | 5.75 | 1.8 | 7.5 | 12,021.0 | 2,300 |
| Apr 2020 | 5.60 | 15.4 | 15.3 | 155.0 | n/d |
| Jan 2020 | 5.50 | 6.3 | n/d | 1,001.0 | n/d |
| Oct 2019 | 5.65 | n/d | 2.2 | 1,416.0 | 340 |
| Aug 2019 | VEHICLE | OVER | WELL | NA | NA |
| Apr 2019 | 5.36 | <1 | 3.2 | 450.3 | 100 |
| Jan 2019 | 4.83 | n/d | n/d | 160.3 | 78 |
| Oct 2018 | 5.34 | 3.4 | 32.0 | 3,304.8 | 720 |
| Jul 2018 | 5.82 | 0.4 | 0.9 | 8,107.2 | 960 |
| Apr 2018 | 5.12 | 1.6 | 23.0 | 1,702.2 | 330 |
| Jan 2018 | 6.3 | 0.3 | 1.2 | 12,006.8 | 1,500 |
| Oct 2017 | 6.52 | 0.3 | 1.4 | 5,306.7 | 1,400 |
| Jul 2017 | 5.29 | 0.5 | 4.7 | 3,307.0 | 510 |
| Apr 2017 | 5.36 | 0.5 | 3.3 | 4,480.0 | 590 |
| Feb 2017 | 5.62 | n/d | 1.4 | 7,804.1 | 810 |
| Oct 2016 | 5.44 | 0.5 | n/d | 6,217.0 | 1,300 |
| Jul 2016 | 5.38 | n/d | 1.0 | 11,009.0 | 1,500 |
| Apr 2016 | 5.72 | 1.0 | 6.0 | 2,500.0 | 310 |
| Jan 2016 | 5.84 | 0.8 | 6.6 | 1,802.9 | 690 |
| Oct 2015 | 5.93 | 1.7 | 4.2 | 513.0 | 530 |

| MW-4 | DTW | PCE | TCE | Total DCE | VC |
|----------|-------|------|------|-----------|-------|
| Apr 2023 | 11.36 | n/d | n/d | 54.4 | 28.9 |
| Jan 2023 | 11.40 | n/d | n/d | 25.2 | 15.4 |
| Oct 2022 | 11.20 | n/d | n/d | 32.9 | 3.3 |
| Jul 2022 | 11.50 | 1.2 | n/d | 29.7 | n/d |
| Apr 2022 | 11.15 | 1.4 | n/d | 79.2 | 6.3 |
| Jan 2022 | 11.52 | 2.4 | 0.91 | 130 | n/d |
| Oct 2021 | 10.75 | 3.6 | 1.4 | 280.64 | n/d |
| Jul 2021 | 10.77 | 1.1 | n/d | 63 | n/d |
| Apr 2021 | 10.88 | 1.2 | n/d | 120 | n/d |
| Jan 2021 | 11.70 | n/d | n/d | 490 | 22 |
| Oct 2020 | 10.91 | 1.2 | n/d | 140 | n/d |
| Jul 2020 | 11.11 | 0.8 | n/d | 19 | n/d |
| Apr 2020 | 10.85 | n/d | n/d | 118.0 | n/d |
| Jan 2020 | 10.75 | 1.7 | 15.0 | 10,020.0 | 2,100 |
| Oct 2019 | 10.94 | 0.95 | n/d | 140.0 | n/d |
| Aug 2019 | 10.93 | 2.1 | n/d | 26.0 | n/d |
| Apr 2019 | 10.65 | 1.0 | n/d | 300.0 | <1 |
| Jan 2019 | 10.15 | 1.1 | 0.5 | 730.3 | n/d |
| Oct 2018 | 10.55 | 1.1 | n/d | 450.3 | 15 |
| Jul 2018 | 11.13 | 2.4 | n/d | 70.0 | n/d |
| Apr 2018 | 10.26 | 0.9 | 0.7 | 1,300.9 | 26 |
| Jan 2018 | 9.81 | n/d | n/d | 2,100.0 | n/d |
| Oct 2017 | 10.04 | 2.2 | 1.2 | 2,601.4 | n/d |
| Jul 2017 | 10.21 | 0.5 | n/d | 32.0 | n/d |
| Apr 2017 | 10.5 | 0.9 | n/d | 1,606.6 | n/d |
| Feb 2017 | 10.90 | 0.7 | 0.9 | 1,500.6 | 21 |
| Oct 2016 | 10.82 | 0.7 | n/d | 93.0 | n/d |
| Jul 2016 | 10.76 | 1.1 | n/d | 761.0 | n/d |
| Apr 2016 | 11.15 | 1.0 | n/d | 471.0 | 23 |
| Jan 2016 | 11.06 | n/d | n/d | 180.0 | 23 |
| Oct 2015 | 11.22 | 1.1 | n/d | 580.0 | 45 |

*highlighted box is above TOGs Standard for Groundwater

*results in ppb

Former Quick and Clean Cleaners
380 Rockaway Turnpike
Cedarhurst, NY
As of April 2023

| MW-1 | DTW | BTEX | Total VOCs |
|-------------|------------|-------------|-------------------|
| Apr 2023 | 7.82 | 13,424 | 16,712.00 |
| Jan 2023 | 7.82 | 11,936 | 17,239.30 |
| Oct 2022 | 7.83 | 14,819.30 | 18,880.50 |
| Jul 2022 | 7.94 | 30,067.20 | 40,423.40 |
| Apr 2022 | 7.60 | 19,918.30 | 24,955.70 |
| Jan 2022 | 7.80 | 24,617 | 31,826.00 |
| Oct 2021 | 7.23 | 8,434.80 | 10,607.80 |
| Jul 2021 | 7.27 | 9,685.70 | 13,366.70 |
| Apr 2021 | 7.33 | 12,123 | 14,933.00 |
| Jan 2021 | 7.23 | 26,735 | 30,797.00 |
| Oct 2020 | 7.35 | 8,977.30 | 11,932.30 |
| Jul 2020 | 7.56 | 7,505.40 | 9,951.40 |
| Apr 2020 | Blocked | NA | NA |
| Jan 2020 | 7.33 | 8,226.40 | 10,454.50 |
| Oct 2019 | 7.40 | 11,820 | 15,639.00 |
| Aug 2019 | 7.40 | 13,790 | 18,400 |
| Apr 2019 | 7.17 | 4,923.30 | 6,075.50 |
| Jan 2019 | 6.27 | 5,107.90 | 6,098.40 |
| Oct 2018 | 7.11 | 7,639.80 | 8,841.50 |
| Jul 2018 | 7.82 | 3,831.80 | 5,011.80 |

| MW-3 | DTW | BTEX | Total VOCs |
|-------------|------------|-------------|-------------------|
| Apr 2023 | 10.47 | 681.10 | 1,590.10 |
| Jan 2023 | 10.48 | 276.30 | 684.50 |
| Oct 2022 | 10.24 | 1,539.00 | 2,964.70 |
| Jul 2022 | 10.60 | 2,648.00 | 6,126.40 |
| Apr 2022 | 10.27 | 2,395.50 | 5,016.10 |
| Jan 2022 | 10.50 | 3,515.60 | 5,452.10 |
| Oct 2021 | 8.98 | 991.00 | 2,310.70 |
| Jul 2021 | 9.00 | 1,910.00 | 3,592.80 |
| Apr 2021 | 10.01 | 1,388.00 | 2,872.00 |
| Jan 2021 | 9.87 | 3,480.00 | 6,252.00 |
| Oct 2020 | 10.05 | 1,760.72 | 3,572.72 |
| Jul 2020 | 10.25 | 1,812.00 | 3,795.00 |
| Apr 2020 | 9.98 | 330.68 | 1,077.45 |
| Jan 2020 | 9.95 | 544.00 | 1,475.50 |
| Oct 2019 | 10.01 | 2,990.00 | 5,694.00 |
| Aug 2019 | 10.02 | 3,012 | 5,908 |
| Apr 2019 | 9.81 | 277.9 | 843.8 |
| Jan 2019 | 9.29 | 230 | 567.9 |
| Oct 2018 | 9.81 | 222.3 | 552.36 |
| Jul 2018 | 10.45 | 2,423.00 | 4,120.30 |

| MW-2 | DTW | BTEX | Total VOCs |
|-------------|------------|-------------|-------------------|
| Apr 2023 | 5.89 | 2,884.0 | 4,715.50 |
| Jan 2023 | 5.87 | 3,121.2 | 6,289.50 |
| Oct 2022 | 5.65 | 3,766.6 | 5,675.10 |
| Jul 2022 | 5.99 | 7,080.0 | 13,287.30 |
| Apr 2022 | 5.66 | 3,161.7 | 4,987.50 |
| Jan 2022 | 5.99 | 2,890.0 | 6,660.00 |
| Oct 2021 | 5.41 | 3,026.30 | 4,788.30 |
| Jul 2021 | 5.45 | 1,660.6 | 2,496.30 |
| Apr 2021 | 5.42 | 1,477.1 | 2,280.00 |
| Jan 2021 | 5.40 | 4,460.0 | 6,561.00 |
| Oct 2020 | 5.45 | 4,355 | 6,326.40 |
| Jul 2020 | 5.75 | 877 | 1,516.00 |
| Apr 2020 | 5.60 | 486.24 | 988.05 |
| Jan 2020 | 5.50 | 13,212.0 | 15,913.50 |
| Oct 2019 | 5.65 | 14,320 | 17,689.00 |
| Aug 2019 | VEHICLE | OVER | WELL |
| Apr 2019 | 5.36 | 1633.67 | 2,298.07 |
| Jan 2019 | 4.83 | 211.1 | 332.57 |
| Oct 2018 | 5.34 | 778.95 | 1,173.82 |
| Jul 2018 | 5.82 | 1,589.9 | 2,228.80 |

| MW-4 | DTW | BTEX | Total VOCs |
|-------------|------------|-------------|-------------------|
| Apr 2023 | 11.36 | 7,246.40 | 9,047.40 |
| Jan 2023 | 11.40 | 3,943.40 | 5,015.50 |
| Oct 2022 | 11.20 | 4,119.30 | 5,920.10 |
| Jul 2022 | 11.50 | 6,037.90 | 8,292.50 |
| Apr 2022 | 11.15 | 8,239.70 | 10,364.70 |
| Jan 2022 | 11.52 | 9,386.20 | 12,047.90 |
| Oct 2021 | 10.75 | 17,109.70 | 20,098.90 |
| Jul 2021 | 10.77 | 5,351.60 | 6,822.90 |
| Apr 2021 | 10.88 | 4,112.60 | 5,343.60 |
| Jan 2021 | 11.70 | 10,990.00 | 13,488.00 |
| Oct 2020 | 10.91 | 6,581.80 | 8,842.90 |
| Jul 2020 | 11.11 | 2,960.66 | 4,418.76 |
| Apr 2020 | 10.85 | 2,994.00 | 4,078.40 |
| Jan 2020 | 10.75 | 2,005.50 | 3,410.80 |
| Oct 2019 | 10.94 | 1,076.70 | 1,693.30 |
| Aug 2019 | 10.93 | 2,270.00 | 4,074.00 |
| Apr 2019 | 10.65 | 1,249.90 | 1,557.48 |
| Jan 2019 | 10.15 | 1,793.10 | 2,220.63 |
| Oct 2018 | 10.55 | 1,722 | 2,309.80 |
| Jul 2018 | 11.13 | 863.20 | 1,503.70 |

Former Quick and Clean Cleaners
 380 Rockaway Turnpike
 Cedarhurst, NY
 As of April 2023
 Table-2

SSDS Stack emissions (ppbv)

| SSDS | PCE | TCE | Total DCE | VC |
|-------------|------|------|-----------|-------|
| Apr 2023 | 88.3 | 55.8 | 151.92 | n/d |
| Jan 2023 | 186 | 77.3 | 193.52 | n/d |
| Oct 2022 | 246 | 90 | 220.58 | 2.54 |
| Jul 2022 | 164 | 100 | 256.72 | n/d |
| Apr 2022 | 25.3 | 31 | 112.36 | 0.31 |
| Jan 2022 | 93.5 | 51 | 142.79 | n/d |
| Oct 2021 | 31.8 | 24.2 | 103.987 | n/d |
| Jul 2021 | 36 | 39.5 | 263.14 | 0.912 |
| Apr 2021 | 13.3 | 14.6 | 96.132 | n/d |
| Jan 2021 | 23.6 | 32.6 | 104.947 | 2.01 |
| Oct 2020 | 40.9 | 41.5 | 165.46 | 2.9 |
| Sept 2020 | 45.9 | 39.6 | 151.12 | n/d |
| Jul 2020 | 54.1 | 38 | 169.26 | 0.71 |
| Apr 2020 | 26.6 | 29.5 | 121.75 | n/d |
| Jan 2020 | 30 | 26.6 | 97.516 | 1.06 |
| Oct 2019 | 68.1 | 68.1 | 278.79 | 1.84 |
| Aug 2019 | 58.9 | 64 | 239.62 | n/d |
| Apr 2019 | 19 | n/d | 160 | n/d |
| Jan 2019 | 21 | n/d | 120 | n/d |
| Oct 2018 | 22 | n/d | 180 | n/d |
| August 2018 | 380 | n/d | 330 | n/d |
| July 2018 | 110 | 70 | 370 | n/d |
| June 2018 | 43 | 38 | 310 | n/d |
| May 2018 | 49 | 45 | 260 | n/d |
| Apr 2018 | 22 | n/d | 180 | n/d |
| Mar 2018 | n/d | n/d | n/d | n/d |
| Feb 2018 | 180 | 68 | 300 | n/d |
| Jan 2018 | 160 | 75 | 240 | n/d |
| Dec 2017 | 27 | n/d | n/d | n/d |
| Nov 2017 | 74 | 140 | 820 | n/d |
| Oct 2017 | 69 | 94 | 400 | n/d |
| Sept 2017 | 56 | 98 | 470 | n/d |
| Aug 2017 | 60 | 47 | 230 | n/d |
| July 2017 | n/d | n/d | 300 | n/d |
| June 2017 | 54 | n/d | 300 | n/d |
| May 2017 | 53 | 64 | 470 | n/d |
| Apr 2017 | 34 | n/d | 250 | n/d |
| Mar 2017 | 91 | 70 | 320 | n/d |
| Feb 2017 | 44 | 31 | 300 | n/d |
| Jan 2017 | 43 | n/d | 280 | n/d |
| Dec 2016 | 250 | 120 | n/d | n/d |
| Nov 2016 | 310 | 170 | 640 | n/d |
| Oct 2016 | 120 | 79 | 400 | n/d |
| Sept 2016 | ns | ns | ns | ns |
| Aug 2016 | 78 | 62 | 430 | n/d |
| Jul 2016 | 640 | 230 | 1100 | n/d |
| Apr 2016 | 27 | n/d | n/d | n/d |
| Jan 2016 | n/d | n/d | n/d | n/d |
| Oct 2015 | 96 | n/d | 360 | n/d |

*ns=not sampled

*n/d=non-detect

ATTACHMENT-A

Field Tech Log

John V. Soderberg P.E
 SSDS System Monitor and Maintenance

| | |
|--|--------------|
| Site Name: Quick and Clean | Site# 130198 |
| Address: Cedarhurst, NY Monthly monitoring/ testing/ quarterly sampling | |

| |
|---|
| Remediation System Present? yes |
| Type of System? Sub-slab Depressurization System |
| SSDS |
| Sampling Date: 02/24/23 |

| | |
|--------------------------|--|
| Air Flow Reading | |
| | |
| Pre motor vac : -- "/H2O | |

| |
|--|
| Sampling Instructions: Monthly OM&M and Stack Inspection |
|--|

Site Data

| Wells | FPM/Vac | PID (ppm) |
|-----------|---------|-----------|
| North Leg | 308 | 0.0 |
| South Leg | 298 | 0.0 |
| Exhaust | 154 | 0.0 |
| PV-1 | GONE | — |
| PV-2 | GONE | — |
| PV-3 | GONE | — |
| PV-4 | GONE | — |

| | |
|--|--|
| Site Inspection: | |
| Was System Shutdown Warning Light On_x Off__ | Indicate Any Sampling Procedures: |
| If Off Why? | PID Readings, MiniRae 2000, in ppm |
| Any Visible Signs Of Leaks? No | |
| Sampled by: Steven Polen | |

John V. Soderberg P.E
 SSDS System Monitor and Maintenance

| | |
|--|---------------------|
| Site Name: Quick and Clean | Site# 130198 |
| Address: Cedarhurst, NY Monthly monitoring/ testing/ quarterly sampling | |

| |
|---|
| Remediation System Present? yes |
| Type of System? Sub-slab Depressurization System |
| SSDS |
| Sampling Date: 03/13/23 |

| | |
|--------------------------|--|
| Air Flow Reading | |
| | |
| Pre motor vac : -- "/H2O | |

| |
|--|
| Sampling Instructions: Monthly OM&M and Stack Inspection |
|--|

Site Data

| Wells | FPM/Vac | PID (ppm) |
|-----------|---------|-----------|
| North Leg | 303 | 0.0 |
| South Leg | 298 | 0.0 |
| Exhaust | 194 | 0.0 |
| PV-1 | GONE | — |
| PV-2 | GONE | — |
| PV-3 | GONE | — |
| PV-4 | GONE | — |

| | |
|--|--|
| Site Inspection: | |
| Was System Shutdown Warning Light On_x Off__ | Indicate Any Sampling Procedures: |
| If Off Why? | PID Readings, MiniRae 2000, in ppm |
| Any Visible Signs Of Leaks? No | |
| Sampled by: Steven Polen | |

John V. Soderberg P.E
 SSDS System Monitor and Maintenance

| | |
|--|---------------------|
| Site Name: Quick and Clean | Site# 130198 |
| Address: Cedarhurst, NY Monthly monitoring/ testing/ quarterly sampling | |

| |
|---|
| Remediation System Present? yes |
| Type of System? Sub-slab Depressurization System |
| SSDS |
| Sampling Date: 04/12/23 |

| | |
|--------------------------|--|
| Air Flow Reading | |
| | |
| Pre motor vac : -- "/H2O | |

| |
|--|
| Sampling Instructions: Monthly OM&M and Stack Inspection |
|--|

Site Data

| Wells | FPM/Vac | PID (ppm) |
|-----------|---------|-----------|
| North Leg | 298 | 0.0 |
| South Leg | 294 | 0.0 |
| Exhaust | 278 | 0.0 |
| PV-1 | GONE | — |
| PV-2 | GONE | — |
| PV-3 | GONE | — |
| PV-4 | GONE | — |

| | |
|--|--|
| Site Inspection: | |
| Was System Shutdown Warning Light On_x Off__ | Indicate Any Sampling Procedures: |
| If Off Why? | PID Readings, MiniRae 2000, in ppm |
| Any Visible Signs Of Leaks? No | Effluent SUMMA Cannister (TO-15) |
| Sampled by: Steven Polen | |

ATTACHMENT-B

Well Sampling Logs

Monitoring Well Sampling Log

 Site #: 130198

 Date: 04-12-2023

 Location: Cedarhurst, NY

 Personnel: Steve P

 Well ID: MW-1

 Tubing Type: 3/8" poly tube

 Casing Type: 2" PVC

 Sample Pump: peristaltic low flow

 Measuring Point: north well casing

 Monitoring Equipment: Solinst DTW Probe

 Well Diameter (inches): 2"

 Screen Setting (ft btoc): 2'

 Well Total Depth (ft btoc): 12'

 Tubing Intake (ft btoc): NA

 Depth to Water (btoc): 7.82'

 Comments: none

Well Condition:

Well Purging Information:

 Water Column Length (ft): 4.18' State Purge Time: ~ 15 minutes

 1 Volume (gal.): 0.84 Stop Purge Time: 9:30 am

 Purge Device/Tubing: peristaltic/3/8" tube Total Volume Removed (gal.): ~2.52

Gallons/ft 1" dia. = 0.05 gal./ft., 2" dia. = 0.18 gal./ft., 4" dia. = 0.66 gal./ft., 6" dia. = 1.5 gal./ft

| Time | Depth to Water (ft btoc) | Pumping Rate (ml/min) | Water Quality Monitoring Parameters | | | | | | | |
|------|--------------------------|-----------------------|-------------------------------------|----------------------|-----------------|-----------|------------|----------|---------------------|---------|
| | | | pH | Conductivity (mS/cm) | Turbidity (NTU) | DO (mg/L) | Temp. (°C) | ORP (mV) | Volume (if purging) | Remarks |
| 9:15 | 7.82' | < 500 ml | 7.23 | 1155 | | 4.98 | 12.02 | 29 | | |
| 9:20 | 7.79 | | 6.98 | 952 | | 3.91 | 12.00 | -75 | | |
| 9:25 | 7.80 | | 6.98 | 955 | | 3.95 | 12.32 | -85 | | |
| 9:30 | 7.82 | | 7.01 | 955 | | 3.77 | 12.32 | -102 | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

Sample Time: 9:30
Sample Analyses: 8260 (VOCs)

ft btoc = feet below top of casing

NTU = Nephelometric Turbidity Units

°C = degrees Celsius

ml/min = milliliters per minute

mg/L = milligrams per liter

mV = millivolts

mS/cm = miliseimons per centimeter

Monitoring Well Sampling Log

Site #: 130198

Date: 04-12-2023

Location: Cedarhurst, NY

Personnel: Steve P

Well ID: MW-2

Tubing Type: 3/8" poly tube

Casing Type: 2" PVC

Sample Pump: peristaltic low flow

Measuring Point: north well casing

Monitoring Equipment: Solinst DTW Probe

Well Diameter (inches): 2"

Screen Setting (ft btoc): 2'

Well Total Depth (ft btoc): 12'

Tubing Intake (ft btoc): NA

Depth to Water (btoc): 5.89'

Comments: none

Well Condition: Good

Well Purging Information:

Water Column Length (ft): 6.11' State Purge Time: ~ 15 minutes

1 Volume (gal.): 1.25 Stop Purge Time: 9:45

Purge Device/Tubing: peristaltic/3/8" tube Total Volume Removed (gal.): ~3.75

Gallons/ft 1" dia. = 0.05 gal./ft., 2" dia. = 0.18 gal./ft., 4" dia. = 0.66 gal./ft., 6" dia. = 1.5 gal./ft

| Time | Depth to Water (ft btoc) | Pumping Rate (ml/min) | Water Quality Monitoring Parameters | | | | | | | |
|------|--------------------------|-----------------------|-------------------------------------|----------------------|-----------------|-----------|------------|----------|---------------------|---------|
| | | | pH | Conductivity (mS/cm) | Turbidity (NTU) | DO (mg/L) | Temp. (°C) | ORP (mV) | Volume (if purging) | Remarks |
| 9:30 | 5.89' | < 500 ml | 6.59 | 599 | | 4.10 | 11.02 | -69 | | |
| 9:35 | 5.89 | | 6.51 | 850 | | 3.99 | 10.95 | -52 | | |
| 9:40 | 5.91 | | 6.50 | 803 | | 3.59 | 10.94 | -50 | | |
| 9:45 | 5.89 | | 6.50 | 695 | | 3.39 | 10.94 | -55 | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

Sample Time: 9:45

Sample Analyses: 8260 (VOCs)

ft btoc = feet below top of casing

NTU = Nephelometric Turbidity Units

°C = degrees Celsius

ml/min = milliliters per minute

mg/L = milligrams per liter

mV = millivolts

mS/cm = miliseimons per centimeter

Monitoring Well Sampling Log

 Site #: 130198

 Date: 04-12-2023

 Location: Cedarhurst, NY

 Personnel: Steve P

 Well ID: MW-3

 Tubing Type: 3/8" poly tube

 Casing Type: 2" PVC

 Sample Pump: peristaltic low flow

 Measuring Point: north well casing

 Monitoring Equipment: Solinst DTW Probe

 Well Diameter (inches): 2"

 Screen Setting (ft btoc): 3'

 Well Total Depth (ft btoc): 13'

 Tubing Intake (ft btoc): NA

 Depth to Water (btoc): 10.47

 Comments: none

 Well Condition: Good
Well Purging Information:

 Water Column Length (ft): 2.53' State Purge Time: ~ 15 minutes

 1 Volume (gal.): 0.45 Stop Purge Time: 10:00

 Purge Device/Tubing: peristaltic/3/8" tube Total Volume Removed (gal.): ~1.35

Gallons/ft 1" dia. = 0.05 gal./ft., 2" dia. = 0.18 gal./ft., 4" dia. = 0.66 gal./ft., 6" dia. = 1.5 gal./ft

| Time | Depth to Water (ft btoc) | Pumping Rate (ml/min) | Water Quality Monitoring Parameters | | | | | | | |
|-------|--------------------------|-----------------------|-------------------------------------|----------------------|-----------------|-----------|------------|----------|---------------------|---------|
| | | | pH | Conductivity (mS/cm) | Turbidity (NTU) | DO (mg/L) | Temp. (°C) | ORP (mV) | Volume (if purging) | Remarks |
| 9:45 | 10.47' | < 500 ml | 7.01 | 272 | | 3.95 | 13.96 | -39 | | |
| 9:50 | 10.49 | | 6.97 | 289 | | 3.72 | 13.90 | -35 | | |
| 9:55 | 10.47 | | 6.88 | 267 | | 3.41 | 13.89 | -40 | | |
| 10:00 | 10.49 | | 6.80 | 269 | | 3.45 | 13.89 | -42 | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

Sample Time: 10:00
Sample Analyses: 8260 (VOCs)

ft btoc = feet below top of casing

NTU = Nephelometric Turbidity Units

°C = degrees Celsius

ml/min = milliliters per minute

mg/L = milligrams per liter

mV = millivolts

mS/cm = miliseimons per centimeter

Monitoring Well Sampling Log

Site #: 130198

Date: 04-12-2023

Location: Cedarhurst, NY

Personnel: Steve P

Well ID: MW-4

Tubing Type: 3/8" poly tube

Casing Type: 2" PVC

Sample Pump: peristaltic low flow

Measuring Point: north well casing

Monitoring Equipment: Solinst DTW Probe

Well Diameter (inches): 2"

Screen Setting (ft btoc): 5'

Well Total Depth (ft btoc): 15'

Tubing Intake (ft btoc): NA

Depth to Water (btoc): 11.36'

Comments: none

Well Condition: Good

Well Purging Information:

Water Column Length (ft): 3.64' State Purge Time: ~ 15 minutes

1 Volume (gal.): 0.65 Stop Purge Time: 10:15

Purge Device/Tubing: peristaltic/3/8" tube Total Volume Removed (gal.): ~1.97

Gallons/ft 1" dia. = 0.05 gal./ft., 2" dia. = 0.18 gal./ft., 4" dia. = 0.66 gal./ft., 6" dia. = 1.5 gal./ft

| Time | Depth to Water (ft btoc) | Pumping Rate (ml/min) | Water Quality Monitoring Parameters | | | | | | | |
|-------|--------------------------|-----------------------|-------------------------------------|----------------------|-----------------|-----------|------------|----------|---------------------|---------|
| | | | pH | Conductivity (mS/cm) | Turbidity (NTU) | DO (mg/L) | Temp. (°C) | ORP (mV) | Volume (if purging) | Remarks |
| 10:00 | 11.36' | < 500 ml | 7.42 | 303 | | | 13.01 | -82 | | |
| 10:05 | 11.39 | | 7.39 | 261 | | | 13.05 | -103 | | |
| 10:10 | 11.41 | | 7.38 | 249 | | | 12.95 | -109 | | |
| 10:15 | 11.36 | | 7.38 | 242 | | | 12.97 | -90 | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

Sample Time: 10:15

Sample Analyses: 8260 (VOCs)

ft btoc = feet below top of casing

NTU = Nephelometric Turbidity Units

°C = degrees Celsius

ml/min = milliliters per minute

mg/L = milligrams per liter

mV = millivolts

mS/cm = miliseimons per centimeter

APPENDIX-A

Laboratory Data

April 18, 2023

Justin Halpin
WRS d.b.a. Berninger Environmental
17 Old Dock Road
Yaphank, NY 11980

RE: Project: 380 ROCKAWAY TURNPIKE 4/12
Pace Project No.: 70252544

Dear Justin Halpin:

Enclosed are the analytical results for sample(s) received by the laboratory on April 12, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Melville

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

Sincerely,



Lori A. Beyer
lori.beyer@pacelabs.com
(516)370-6014
Project Manager

Enclosures

cc: Alicia Patti, WRS d.b.a. Berninger Environmental



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 380 ROCKAWAY TURNPIKE 4/12

Pace Project No.: 70252544

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747

Connecticut Certification #: PH-0435

Delaware Certification # NY 10478

Maryland Certification #: 208

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350

Rhode Island Certification #: LAO00340

Virginia Certification # 460302

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: 380 ROCKAWAY TURNPIKE 4/12

Pace Project No.: 70252544

| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
|-------------|-----------|--------|----------------|----------------|
| 70252544001 | MW-1 | Water | 04/12/23 09:30 | 04/12/23 13:40 |
| 70252544002 | MW-2 | Water | 04/12/23 09:45 | 04/12/23 13:40 |
| 70252544003 | MW-3 | Water | 04/12/23 10:00 | 04/12/23 13:40 |
| 70252544004 | MW-4 | Water | 04/12/23 10:15 | 04/12/23 13:40 |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 380 ROCKAWAY TURNPIKE 4/12

Pace Project No.: 70252544

| Lab ID | Sample ID | Method | Analysts | Analytes Reported |
|-------------|-----------|-----------------|----------|-------------------|
| 70252544001 | MW-1 | EPA 8260C/5030C | DO1 | 73 |
| 70252544002 | MW-2 | EPA 8260C/5030C | DO1 | 73 |
| 70252544003 | MW-3 | EPA 8260C/5030C | DO1 | 73 |
| 70252544004 | MW-4 | EPA 8260C/5030C | DO1 | 73 |

PACE-MV = Pace Analytical Services - Melville

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 380 ROCKAWAY TURNPIKE 4/12

Pace Project No.: 70252544

Sample: MW-1 Lab ID: 70252544001 Collected: 04/12/23 09:30 Received: 04/12/23 13:40 Matrix: Water

| Parameters | Results | Units | Report | | | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------|---------|-------|---|------|----|----------------|------------|---------|------|
| | | | Limit | MDL | DF | | | | |
| 8260C Volatile Organics | | | Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville | | | | | | |
| Acetone | <250 | ug/L | 250 | 94.0 | 50 | 04/14/23 20:00 | 67-64-1 | IL | |
| Benzene | <50.0 | ug/L | 50.0 | 29.2 | 50 | 04/14/23 20:00 | 71-43-2 | | |
| Bromobenzene | <50.0 | ug/L | 50.0 | 28.9 | 50 | 04/14/23 20:00 | 108-86-1 | | |
| Bromochloromethane | <50.0 | ug/L | 50.0 | 21.7 | 50 | 04/14/23 20:00 | 74-97-5 | | |
| Bromodichloromethane | <50.0 | ug/L | 50.0 | 24.1 | 50 | 04/14/23 20:00 | 75-27-4 | | |
| Bromoform | <50.0 | ug/L | 50.0 | 30.6 | 50 | 04/14/23 20:00 | 75-25-2 | | |
| Bromomethane | <50.0 | ug/L | 50.0 | 36.8 | 50 | 04/14/23 20:00 | 74-83-9 | | |
| 2-Butanone (MEK) | <250 | ug/L | 250 | 25.5 | 50 | 04/14/23 20:00 | 78-93-3 | | |
| n-Butylbenzene | <50.0 | ug/L | 50.0 | 19.1 | 50 | 04/14/23 20:00 | 104-51-8 | | |
| sec-Butylbenzene | <50.0 | ug/L | 50.0 | 14.8 | 50 | 04/14/23 20:00 | 135-98-8 | | |
| tert-Butylbenzene | <50.0 | ug/L | 50.0 | 18.3 | 50 | 04/14/23 20:00 | 98-06-6 | | |
| Carbon disulfide | <50.0 | ug/L | 50.0 | 28.4 | 50 | 04/14/23 20:00 | 75-15-0 | | |
| Carbon tetrachloride | <50.0 | ug/L | 50.0 | 16.3 | 50 | 04/14/23 20:00 | 56-23-5 | | |
| Chlorobenzene | <50.0 | ug/L | 50.0 | 28.6 | 50 | 04/14/23 20:00 | 108-90-7 | | |
| Chlorodifluoromethane | <50.0 | ug/L | 50.0 | 20.4 | 50 | 04/14/23 20:00 | 75-45-6 | N3 | |
| Chloroethane | <50.0 | ug/L | 50.0 | 32.1 | 50 | 04/14/23 20:00 | 75-00-3 | | |
| Chloroform | <50.0 | ug/L | 50.0 | 27.8 | 50 | 04/14/23 20:00 | 67-66-3 | | |
| Chloromethane | <50.0 | ug/L | 50.0 | 31.6 | 50 | 04/14/23 20:00 | 74-87-3 | v3 | |
| 2-Chlorotoluene | <50.0 | ug/L | 50.0 | 21.9 | 50 | 04/14/23 20:00 | 95-49-8 | | |
| 4-Chlorotoluene | <50.0 | ug/L | 50.0 | 20.6 | 50 | 04/14/23 20:00 | 106-43-4 | | |
| Dibromochloromethane | <50.0 | ug/L | 50.0 | 25.2 | 50 | 04/14/23 20:00 | 124-48-1 | | |
| 1,2-Dibromoethane (EDB) | <50.0 | ug/L | 50.0 | 20.2 | 50 | 04/14/23 20:00 | 106-93-4 | | |
| Dibromomethane | <50.0 | ug/L | 50.0 | 22.7 | 50 | 04/14/23 20:00 | 74-95-3 | | |
| 1,2-Dichlorobenzene | <50.0 | ug/L | 50.0 | 29.2 | 50 | 04/14/23 20:00 | 95-50-1 | | |
| 1,3-Dichlorobenzene | <50.0 | ug/L | 50.0 | 23.2 | 50 | 04/14/23 20:00 | 541-73-1 | | |
| 1,4-Dichlorobenzene | <50.0 | ug/L | 50.0 | 23.8 | 50 | 04/14/23 20:00 | 106-46-7 | | |
| trans-1,4-Dichloro-2-butene | <50.0 | ug/L | 50.0 | 39.0 | 50 | 04/14/23 20:00 | 110-57-6 | | |
| Dichlorodifluoromethane | <50.0 | ug/L | 50.0 | 18.6 | 50 | 04/14/23 20:00 | 75-71-8 | v3 | |
| 1,1-Dichloroethane | <50.0 | ug/L | 50.0 | 29.0 | 50 | 04/14/23 20:00 | 75-34-3 | | |
| 1,2-Dichloroethane | <50.0 | ug/L | 50.0 | 20.2 | 50 | 04/14/23 20:00 | 107-06-2 | | |
| 1,1-Dichloroethene | <50.0 | ug/L | 50.0 | 27.2 | 50 | 04/14/23 20:00 | 75-35-4 | | |
| cis-1,2-Dichloroethene | 2880 | ug/L | 50.0 | 25.0 | 50 | 04/14/23 20:00 | 156-59-2 | | |
| trans-1,2-Dichloroethene | 56.6 | ug/L | 50.0 | 27.9 | 50 | 04/14/23 20:00 | 156-60-5 | | |
| 1,2-Dichloropropane | <50.0 | ug/L | 50.0 | 22.7 | 50 | 04/14/23 20:00 | 78-87-5 | | |
| 1,3-Dichloropropane | <50.0 | ug/L | 50.0 | 21.1 | 50 | 04/14/23 20:00 | 142-28-9 | | |
| 2,2-Dichloropropane | <50.0 | ug/L | 50.0 | 27.0 | 50 | 04/14/23 20:00 | 594-20-7 | | |
| 1,1-Dichloropropene | <50.0 | ug/L | 50.0 | 27.2 | 50 | 04/14/23 20:00 | 563-58-6 | | |
| cis-1,3-Dichloropropene | <50.0 | ug/L | 50.0 | 23.2 | 50 | 04/14/23 20:00 | 10061-01-5 | | |
| trans-1,3-Dichloropropene | <50.0 | ug/L | 50.0 | 25.2 | 50 | 04/14/23 20:00 | 10061-02-6 | | |
| 1,4-Diethylbenzene | 299 | ug/L | 50.0 | 18.4 | 50 | 04/14/23 20:00 | 105-05-5 | N3 | |
| Ethanol | <12500 | ug/L | 12500 | 2720 | 50 | 04/14/23 20:00 | 64-17-5 | | |
| Ethylbenzene | 764 | ug/L | 50.0 | 25.8 | 50 | 04/14/23 20:00 | 100-41-4 | | |
| Hexachloro-1,3-butadiene | <50.0 | ug/L | 50.0 | 22.0 | 50 | 04/14/23 20:00 | 87-68-3 | | |
| 2-Hexanone | <250 | ug/L | 250 | 37.2 | 50 | 04/14/23 20:00 | 591-78-6 | | |
| Isopropylbenzene (Cumene) | <50.0 | ug/L | 50.0 | 19.8 | 50 | 04/14/23 20:00 | 98-82-8 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 380 ROCKAWAY TURNPIKE 4/12

Pace Project No.: 70252544

Sample: MW-1 **Lab ID: 70252544001** Collected: 04/12/23 09:30 Received: 04/12/23 13:40 Matrix: Water

| Parameters | Results | Units | Report Limit | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|-------------------------------------|---------|-------|--------------|------|----|----------|----------------|-------------|------|
| 8260C Volatile Organics | | | | | | | | | |
| Analytical Method: EPA 8260C/5030C | | | | | | | | | |
| Pace Analytical Services - Melville | | | | | | | | | |
| p-Isopropyltoluene | <50.0 | ug/L | 50.0 | 18.5 | 50 | | 04/14/23 20:00 | 99-87-6 | |
| Methylene Chloride | <50.0 | ug/L | 50.0 | 38.3 | 50 | | 04/14/23 20:00 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | <250 | ug/L | 250 | 17.8 | 50 | | 04/14/23 20:00 | 108-10-1 | |
| Methyl-tert-butyl ether | <50.0 | ug/L | 50.0 | 25.6 | 50 | | 04/14/23 20:00 | 1634-04-4 | |
| Naphthalene | 542 | ug/L | 50.0 | 34.2 | 50 | | 04/14/23 20:00 | 91-20-3 | |
| n-Propylbenzene | 106 | ug/L | 50.0 | 16.6 | 50 | | 04/14/23 20:00 | 103-65-1 | |
| Styrene | <50.0 | ug/L | 50.0 | 28.7 | 50 | | 04/14/23 20:00 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <50.0 | ug/L | 50.0 | 29.6 | 50 | | 04/14/23 20:00 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <50.0 | ug/L | 50.0 | 19.4 | 50 | | 04/14/23 20:00 | 79-34-5 | |
| Tetrachloroethene | <50.0 | ug/L | 50.0 | 26.3 | 50 | | 04/14/23 20:00 | 127-18-4 | |
| 1,2,4,5-tetramethylbenzene | 96.7 | ug/L | 50.0 | 29.2 | 50 | | 04/14/23 20:00 | 95-93-2 | N3 |
| Toluene | 2360 | ug/L | 50.0 | 28.6 | 50 | | 04/14/23 20:00 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <50.0 | ug/L | 50.0 | 43.4 | 50 | | 04/14/23 20:00 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <50.0 | ug/L | 50.0 | 36.1 | 50 | | 04/14/23 20:00 | 120-82-1 | |
| 1,1,1-Trichloroethane | <50.0 | ug/L | 50.0 | 15.8 | 50 | | 04/14/23 20:00 | 71-55-6 | |
| 1,1,2-Trichloroethane | <50.0 | ug/L | 50.0 | 24.4 | 50 | | 04/14/23 20:00 | 79-00-5 | |
| Trichloroethene | <50.0 | ug/L | 50.0 | 23.6 | 50 | | 04/14/23 20:00 | 79-01-6 | |
| Trichlorofluoromethane | <50.0 | ug/L | 50.0 | 11.4 | 50 | | 04/14/23 20:00 | 75-69-4 | |
| 1,2,3-Trichloropropane | <50.0 | ug/L | 50.0 | 24.1 | 50 | | 04/14/23 20:00 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | 2060 | ug/L | 50.0 | 25.2 | 50 | | 04/14/23 20:00 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | 580 | ug/L | 50.0 | 25.7 | 50 | | 04/14/23 20:00 | 108-67-8 | |
| Vinyl chloride | <50.0 | ug/L | 50.0 | 24.2 | 50 | | 04/14/23 20:00 | 75-01-4 | |
| Xylene (Total) | 10300 | ug/L | 150 | 23.3 | 50 | | 04/14/23 20:00 | 1330-20-7 | |
| m&p-Xylene | 7470 | ug/L | 100 | 46.4 | 50 | | 04/14/23 20:00 | 179601-23-1 | |
| o-Xylene | 2830 | ug/L | 50.0 | 23.3 | 50 | | 04/14/23 20:00 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| 1,2-Dichloroethane-d4 (S) | 101 | % | 81-122 | | 50 | | 04/14/23 20:00 | 17060-07-0 | |
| 4-Bromofluorobenzene (S) | 98 | % | 79-118 | | 50 | | 04/14/23 20:00 | 460-00-4 | |
| Toluene-d8 (S) | 95 | % | 82-122 | | 50 | | 04/14/23 20:00 | 2037-26-5 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 380 ROCKAWAY TURNPIKE 4/12

Pace Project No.: 70252544

Sample: MW-2 **Lab ID: 70252544002** Collected: 04/12/23 09:45 Received: 04/12/23 13:40 Matrix: Water

| Parameters | Results | Units | Report | | | Prepared | Analyzed | CAS No. | Qual |
|-------------------------------------|---------|-------|--------|------|------|----------|----------------|------------|-------|
| | | | Limit | MDL | DF | | | | |
| 8260C Volatile Organics | | | | | | | | | |
| Analytical Method: EPA 8260C/5030C | | | | | | | | | |
| Pace Analytical Services - Melville | | | | | | | | | |
| Acetone | <50.0 | ug/L | 50.0 | 18.8 | 10 | | 04/13/23 21:15 | 67-64-1 | IL,v1 |
| Benzene | <10.0 | ug/L | 10.0 | 5.8 | 10 | | 04/13/23 21:15 | 71-43-2 | |
| Bromobenzene | <10.0 | ug/L | 10.0 | 5.8 | 10 | | 04/13/23 21:15 | 108-86-1 | |
| Bromochloromethane | <10.0 | ug/L | 10.0 | 4.3 | 10 | | 04/13/23 21:15 | 74-97-5 | |
| Bromodichloromethane | <10.0 | ug/L | 10.0 | 4.8 | 10 | | 04/13/23 21:15 | 75-27-4 | |
| Bromoform | <10.0 | ug/L | 10.0 | 6.1 | 10 | | 04/13/23 21:15 | 75-25-2 | |
| Bromomethane | <10.0 | ug/L | 10.0 | 7.4 | 10 | | 04/13/23 21:15 | 74-83-9 | |
| 2-Butanone (MEK) | <50.0 | ug/L | 50.0 | 5.1 | 10 | | 04/13/23 21:15 | 78-93-3 | |
| n-Butylbenzene | 22.5 | ug/L | 10.0 | 3.8 | 10 | | 04/13/23 21:15 | 104-51-8 | |
| sec-Butylbenzene | <10.0 | ug/L | 10.0 | 3.0 | 10 | | 04/13/23 21:15 | 135-98-8 | |
| tert-Butylbenzene | <10.0 | ug/L | 10.0 | 3.7 | 10 | | 04/13/23 21:15 | 98-06-6 | |
| Carbon disulfide | <10.0 | ug/L | 10.0 | 5.7 | 10 | | 04/13/23 21:15 | 75-15-0 | |
| Carbon tetrachloride | <10.0 | ug/L | 10.0 | 3.3 | 10 | | 04/13/23 21:15 | 56-23-5 | |
| Chlorobenzene | <10.0 | ug/L | 10.0 | 5.7 | 10 | | 04/13/23 21:15 | 108-90-7 | |
| Chlorodifluoromethane | <10.0 | ug/L | 10.0 | 4.1 | 10 | | 04/13/23 21:15 | 75-45-6 | N3 |
| Chloroethane | <10.0 | ug/L | 10.0 | 6.4 | 10 | | 04/13/23 21:15 | 75-00-3 | |
| Chloroform | <10.0 | ug/L | 10.0 | 5.6 | 10 | | 04/13/23 21:15 | 67-66-3 | |
| Chloromethane | <10.0 | ug/L | 10.0 | 6.3 | 10 | | 04/13/23 21:15 | 74-87-3 | v3 |
| 2-Chlorotoluene | <10.0 | ug/L | 10.0 | 4.4 | 10 | | 04/13/23 21:15 | 95-49-8 | |
| 4-Chlorotoluene | <10.0 | ug/L | 10.0 | 4.1 | 10 | | 04/13/23 21:15 | 106-43-4 | |
| Dibromochloromethane | <10.0 | ug/L | 10.0 | 5.0 | 10 | | 04/13/23 21:15 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <10.0 | ug/L | 10.0 | 4.0 | 10 | | 04/13/23 21:15 | 106-93-4 | |
| Dibromomethane | <10.0 | ug/L | 10.0 | 4.5 | 10 | | 04/13/23 21:15 | 74-95-3 | |
| 1,2-Dichlorobenzene | <10.0 | ug/L | 10.0 | 5.8 | 10 | | 04/13/23 21:15 | 95-50-1 | |
| 1,3-Dichlorobenzene | <10.0 | ug/L | 10.0 | 4.6 | 10 | | 04/13/23 21:15 | 541-73-1 | |
| 1,4-Dichlorobenzene | <10.0 | ug/L | 10.0 | 4.8 | 10 | | 04/13/23 21:15 | 106-46-7 | |
| trans-1,4-Dichloro-2-butene | 11.5 | ug/L | 10.0 | 7.8 | 10 | | 04/13/23 21:15 | 110-57-6 | |
| Dichlorodifluoromethane | <10.0 | ug/L | 10.0 | 3.7 | 10 | | 04/13/23 21:15 | 75-71-8 | v3 |
| 1,1-Dichloroethane | <10.0 | ug/L | 10.0 | 5.8 | 10 | | 04/13/23 21:15 | 75-34-3 | |
| 1,2-Dichloroethane | <10.0 | ug/L | 10.0 | 4.0 | 10 | | 04/13/23 21:15 | 107-06-2 | |
| 1,1-Dichloroethene | 176 | ug/L | 10.0 | 5.4 | 10 | | 04/13/23 21:15 | 75-35-4 | |
| cis-1,2-Dichloroethene | 347000 | ug/L | 5000 | 2500 | 5000 | | 04/13/23 20:55 | 156-59-2 | |
| trans-1,2-Dichloroethene | 574 | ug/L | 10.0 | 5.6 | 10 | | 04/13/23 21:15 | 156-60-5 | |
| 1,2-Dichloropropane | <10.0 | ug/L | 10.0 | 4.5 | 10 | | 04/13/23 21:15 | 78-87-5 | |
| 1,3-Dichloropropane | <10.0 | ug/L | 10.0 | 4.2 | 10 | | 04/13/23 21:15 | 142-28-9 | |
| 2,2-Dichloropropane | <10.0 | ug/L | 10.0 | 5.4 | 10 | | 04/13/23 21:15 | 594-20-7 | |
| 1,1-Dichloropropene | <10.0 | ug/L | 10.0 | 5.4 | 10 | | 04/13/23 21:15 | 563-58-6 | |
| cis-1,3-Dichloropropene | <10.0 | ug/L | 10.0 | 4.6 | 10 | | 04/13/23 21:15 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <10.0 | ug/L | 10.0 | 5.0 | 10 | | 04/13/23 21:15 | 10061-02-6 | |
| 1,4-Diethylbenzene | 160 | ug/L | 10.0 | 3.7 | 10 | | 04/13/23 21:15 | 105-05-5 | N3 |
| Ethanol | <2500 | ug/L | 2500 | 544 | 10 | | 04/13/23 21:15 | 64-17-5 | |
| Ethylbenzene | 468 | ug/L | 10.0 | 5.2 | 10 | | 04/13/23 21:15 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <10.0 | ug/L | 10.0 | 4.4 | 10 | | 04/13/23 21:15 | 87-68-3 | |
| 2-Hexanone | <50.0 | ug/L | 50.0 | 7.4 | 10 | | 04/13/23 21:15 | 591-78-6 | |
| Isopropylbenzene (Cumene) | 45.3 | ug/L | 10.0 | 4.0 | 10 | | 04/13/23 21:15 | 98-82-8 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 380 ROCKAWAY TURNPIKE 4/12

Pace Project No.: 70252544

Sample: MW-2 Lab ID: 70252544002 Collected: 04/12/23 09:45 Received: 04/12/23 13:40 Matrix: Water

| Parameters | Results | Units | Report Limit | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------|---------|---|--------------|-----|----|----------|----------------|-------------|------|
| 8260C Volatile Organics | | Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville | | | | | | | |
| p-Isopropyltoluene | <10.0 | ug/L | 10.0 | 3.7 | 10 | | 04/13/23 21:15 | 99-87-6 | |
| Methylene Chloride | <10.0 | ug/L | 10.0 | 7.7 | 10 | | 04/13/23 21:15 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | <50.0 | ug/L | 50.0 | 3.6 | 10 | | 04/13/23 21:15 | 108-10-1 | |
| Methyl-tert-butyl ether | <10.0 | ug/L | 10.0 | 5.1 | 10 | | 04/13/23 21:15 | 1634-04-4 | |
| Naphthalene | 282 | ug/L | 10.0 | 6.8 | 10 | | 04/13/23 21:15 | 91-20-3 | |
| n-Propylbenzene | 89.7 | ug/L | 10.0 | 3.3 | 10 | | 04/13/23 21:15 | 103-65-1 | |
| Styrene | <10.0 | ug/L | 10.0 | 5.7 | 10 | | 04/13/23 21:15 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <10.0 | ug/L | 10.0 | 5.9 | 10 | | 04/13/23 21:15 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <10.0 | ug/L | 10.0 | 3.9 | 10 | | 04/13/23 21:15 | 79-34-5 | |
| Tetrachloroethene | <10.0 | ug/L | 10.0 | 5.3 | 10 | | 04/13/23 21:15 | 127-18-4 | |
| 1,2,4,5-tetramethylbenzene | 69.6 | ug/L | 10.0 | 5.8 | 10 | | 04/13/23 21:15 | 95-93-2 | N3 |
| Toluene | 135 | ug/L | 10.0 | 5.7 | 10 | | 04/13/23 21:15 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <10.0 | ug/L | 10.0 | 8.7 | 10 | | 04/13/23 21:15 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <10.0 | ug/L | 10.0 | 7.2 | 10 | | 04/13/23 21:15 | 120-82-1 | |
| 1,1,1-Trichloroethane | <10.0 | ug/L | 10.0 | 3.2 | 10 | | 04/13/23 21:15 | 71-55-6 | |
| 1,1,2-Trichloroethane | <10.0 | ug/L | 10.0 | 4.9 | 10 | | 04/13/23 21:15 | 79-00-5 | |
| Trichloroethene | <10.0 | ug/L | 10.0 | 4.7 | 10 | | 04/13/23 21:15 | 79-01-6 | |
| Trichlorofluoromethane | <10.0 | ug/L | 10.0 | 2.3 | 10 | | 04/13/23 21:15 | 75-69-4 | |
| 1,2,3-Trichloropropane | <10.0 | ug/L | 10.0 | 4.8 | 10 | | 04/13/23 21:15 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | 1140 | ug/L | 10.0 | 5.0 | 10 | | 04/13/23 21:15 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | 252 | ug/L | 10.0 | 5.1 | 10 | | 04/13/23 21:15 | 108-67-8 | |
| Vinyl chloride | 2080 | ug/L | 10.0 | 4.8 | 10 | | 04/13/23 21:15 | 75-01-4 | E |
| Xylene (Total) | 2280 | ug/L | 30.0 | 4.7 | 10 | | 04/13/23 21:15 | 1330-20-7 | |
| m&p-Xylene | 1520 | ug/L | 20.0 | 9.3 | 10 | | 04/13/23 21:15 | 179601-23-1 | |
| o-Xylene | 761 | ug/L | 10.0 | 4.7 | 10 | | 04/13/23 21:15 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| 1,2-Dichloroethane-d4 (S) | 105 | % | 81-122 | | 10 | | 04/13/23 21:15 | 17060-07-0 | |
| 4-Bromofluorobenzene (S) | 97 | % | 79-118 | | 10 | | 04/13/23 21:15 | 460-00-4 | |
| Toluene-d8 (S) | 96 | % | 82-122 | | 10 | | 04/13/23 21:15 | 2037-26-5 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 380 ROCKAWAY TURNPIKE 4/12

Pace Project No.: 70252544

Sample: MW-3 **Lab ID: 70252544003** Collected: 04/12/23 10:00 Received: 04/12/23 13:40 Matrix: Water

| Parameters | Results | Units | Report | | | Prepared | Analyzed | CAS No. | Qual |
|-------------------------------------|---------|-------|--------|------|----|----------|----------------|------------|-------|
| | | | Limit | MDL | DF | | | | |
| 8260C Volatile Organics | | | | | | | | | |
| Analytical Method: EPA 8260C/5030C | | | | | | | | | |
| Pace Analytical Services - Melville | | | | | | | | | |
| Acetone | 11.1 | ug/L | 5.0 | 1.9 | 1 | | 04/13/23 17:06 | 67-64-1 | IL,v1 |
| Benzene | <1.0 | ug/L | 1.0 | 0.58 | 1 | | 04/13/23 17:06 | 71-43-2 | |
| Bromobenzene | <1.0 | ug/L | 1.0 | 0.58 | 1 | | 04/13/23 17:06 | 108-86-1 | |
| Bromochloromethane | <1.0 | ug/L | 1.0 | 0.43 | 1 | | 04/13/23 17:06 | 74-97-5 | |
| Bromodichloromethane | <1.0 | ug/L | 1.0 | 0.48 | 1 | | 04/13/23 17:06 | 75-27-4 | |
| Bromoform | <1.0 | ug/L | 1.0 | 0.61 | 1 | | 04/13/23 17:06 | 75-25-2 | |
| Bromomethane | <1.0 | ug/L | 1.0 | 0.74 | 1 | | 04/13/23 17:06 | 74-83-9 | |
| 2-Butanone (MEK) | <5.0 | ug/L | 5.0 | 0.51 | 1 | | 04/13/23 17:06 | 78-93-3 | |
| n-Butylbenzene | 25.7 | ug/L | 1.0 | 0.38 | 1 | | 04/13/23 17:06 | 104-51-8 | |
| sec-Butylbenzene | 8.9 | ug/L | 1.0 | 0.30 | 1 | | 04/13/23 17:06 | 135-98-8 | |
| tert-Butylbenzene | <1.0 | ug/L | 1.0 | 0.37 | 1 | | 04/13/23 17:06 | 98-06-6 | |
| Carbon disulfide | <1.0 | ug/L | 1.0 | 0.57 | 1 | | 04/13/23 17:06 | 75-15-0 | |
| Carbon tetrachloride | <1.0 | ug/L | 1.0 | 0.33 | 1 | | 04/13/23 17:06 | 56-23-5 | |
| Chlorobenzene | <1.0 | ug/L | 1.0 | 0.57 | 1 | | 04/13/23 17:06 | 108-90-7 | |
| Chlorodifluoromethane | <1.0 | ug/L | 1.0 | 0.41 | 1 | | 04/13/23 17:06 | 75-45-6 | N3 |
| Chloroethane | <1.0 | ug/L | 1.0 | 0.64 | 1 | | 04/13/23 17:06 | 75-00-3 | |
| Chloroform | <1.0 | ug/L | 1.0 | 0.56 | 1 | | 04/13/23 17:06 | 67-66-3 | |
| Chloromethane | <1.0 | ug/L | 1.0 | 0.63 | 1 | | 04/13/23 17:06 | 74-87-3 | v3 |
| 2-Chlorotoluene | <1.0 | ug/L | 1.0 | 0.44 | 1 | | 04/13/23 17:06 | 95-49-8 | |
| 4-Chlorotoluene | <1.0 | ug/L | 1.0 | 0.41 | 1 | | 04/13/23 17:06 | 106-43-4 | |
| Dibromochloromethane | <1.0 | ug/L | 1.0 | 0.50 | 1 | | 04/13/23 17:06 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <1.0 | ug/L | 1.0 | 0.40 | 1 | | 04/13/23 17:06 | 106-93-4 | |
| Dibromomethane | <1.0 | ug/L | 1.0 | 0.45 | 1 | | 04/13/23 17:06 | 74-95-3 | |
| 1,2-Dichlorobenzene | <1.0 | ug/L | 1.0 | 0.58 | 1 | | 04/13/23 17:06 | 95-50-1 | |
| 1,3-Dichlorobenzene | <1.0 | ug/L | 1.0 | 0.46 | 1 | | 04/13/23 17:06 | 541-73-1 | |
| 1,4-Dichlorobenzene | <1.0 | ug/L | 1.0 | 0.48 | 1 | | 04/13/23 17:06 | 106-46-7 | |
| trans-1,4-Dichloro-2-butene | <1.0 | ug/L | 1.0 | 0.78 | 1 | | 04/13/23 17:06 | 110-57-6 | |
| Dichlorodifluoromethane | <1.0 | ug/L | 1.0 | 0.37 | 1 | | 04/13/23 17:06 | 75-71-8 | v3 |
| 1,1-Dichloroethane | <1.0 | ug/L | 1.0 | 0.58 | 1 | | 04/13/23 17:06 | 75-34-3 | |
| 1,2-Dichloroethane | <1.0 | ug/L | 1.0 | 0.40 | 1 | | 04/13/23 17:06 | 107-06-2 | |
| 1,1-Dichloroethene | <1.0 | ug/L | 1.0 | 0.54 | 1 | | 04/13/23 17:06 | 75-35-4 | |
| cis-1,2-Dichloroethene | 283 | ug/L | 10.0 | 5.0 | 10 | | 04/14/23 18:58 | 156-59-2 | |
| trans-1,2-Dichloroethene | 7.3 | ug/L | 1.0 | 0.56 | 1 | | 04/13/23 17:06 | 156-60-5 | |
| 1,2-Dichloropropane | <1.0 | ug/L | 1.0 | 0.45 | 1 | | 04/13/23 17:06 | 78-87-5 | |
| 1,3-Dichloropropane | <1.0 | ug/L | 1.0 | 0.42 | 1 | | 04/13/23 17:06 | 142-28-9 | |
| 2,2-Dichloropropane | <1.0 | ug/L | 1.0 | 0.54 | 1 | | 04/13/23 17:06 | 594-20-7 | |
| 1,1-Dichloropropene | <1.0 | ug/L | 1.0 | 0.54 | 1 | | 04/13/23 17:06 | 563-58-6 | |
| cis-1,3-Dichloropropene | <1.0 | ug/L | 1.0 | 0.46 | 1 | | 04/13/23 17:06 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <1.0 | ug/L | 1.0 | 0.50 | 1 | | 04/13/23 17:06 | 10061-02-6 | |
| 1,4-Diethylbenzene | 103 | ug/L | 1.0 | 0.37 | 1 | | 04/13/23 17:06 | 105-05-5 | N3 |
| Ethanol | <250 | ug/L | 250 | 54.4 | 1 | | 04/13/23 17:06 | 64-17-5 | |
| Ethylbenzene | 66.4 | ug/L | 1.0 | 0.52 | 1 | | 04/13/23 17:06 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <1.0 | ug/L | 1.0 | 0.44 | 1 | | 04/13/23 17:06 | 87-68-3 | |
| 2-Hexanone | <5.0 | ug/L | 5.0 | 0.74 | 1 | | 04/13/23 17:06 | 591-78-6 | |
| Isopropylbenzene (Cumene) | 26.6 | ug/L | 1.0 | 0.40 | 1 | | 04/13/23 17:06 | 98-82-8 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 380 ROCKAWAY TURNPIKE 4/12

Pace Project No.: 70252544

Sample: MW-3 Lab ID: 70252544003 Collected: 04/12/23 10:00 Received: 04/12/23 13:40 Matrix: Water

| Parameters | Results | Units | Report Limit | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|-------------------------------------|---------|-------|--------------|------|----|----------|----------------|-------------|------|
| 8260C Volatile Organics | | | | | | | | | |
| Analytical Method: EPA 8260C/5030C | | | | | | | | | |
| Pace Analytical Services - Melville | | | | | | | | | |
| p-Isopropyltoluene | 5.0 | ug/L | 1.0 | 0.37 | 1 | | 04/13/23 17:06 | 99-87-6 | |
| Methylene Chloride | <1.0 | ug/L | 1.0 | 0.77 | 1 | | 04/13/23 17:06 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | <5.0 | ug/L | 5.0 | 0.36 | 1 | | 04/13/23 17:06 | 108-10-1 | |
| Methyl-tert-butyl ether | <1.0 | ug/L | 1.0 | 0.51 | 1 | | 04/13/23 17:06 | 1634-04-4 | |
| Naphthalene | 57.4 | ug/L | 1.0 | 0.68 | 1 | | 04/13/23 17:06 | 91-20-3 | |
| n-Propylbenzene | 73.4 | ug/L | 1.0 | 0.33 | 1 | | 04/13/23 17:06 | 103-65-1 | |
| Styrene | <1.0 | ug/L | 1.0 | 0.57 | 1 | | 04/13/23 17:06 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <1.0 | ug/L | 1.0 | 0.59 | 1 | | 04/13/23 17:06 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <1.0 | ug/L | 1.0 | 0.39 | 1 | | 04/13/23 17:06 | 79-34-5 | |
| Tetrachloroethene | <1.0 | ug/L | 1.0 | 0.53 | 1 | | 04/13/23 17:06 | 127-18-4 | |
| 1,2,4,5-tetramethylbenzene | 57.9 | ug/L | 1.0 | 0.58 | 1 | | 04/13/23 17:06 | 95-93-2 | N3 |
| Toluene | 85.7 | ug/L | 1.0 | 0.57 | 1 | | 04/13/23 17:06 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <1.0 | ug/L | 1.0 | 0.87 | 1 | | 04/13/23 17:06 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <1.0 | ug/L | 1.0 | 0.72 | 1 | | 04/13/23 17:06 | 120-82-1 | |
| 1,1,1-Trichloroethane | <1.0 | ug/L | 1.0 | 0.32 | 1 | | 04/13/23 17:06 | 71-55-6 | |
| 1,1,2-Trichloroethane | <1.0 | ug/L | 1.0 | 0.49 | 1 | | 04/13/23 17:06 | 79-00-5 | |
| Trichloroethene | <1.0 | ug/L | 1.0 | 0.47 | 1 | | 04/13/23 17:06 | 79-01-6 | |
| Trichlorofluoromethane | <1.0 | ug/L | 1.0 | 0.23 | 1 | | 04/13/23 17:06 | 75-69-4 | |
| 1,2,3-Trichloropropane | <1.0 | ug/L | 1.0 | 0.48 | 1 | | 04/13/23 17:06 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | 568 | ug/L | 10.0 | 5.0 | 10 | | 04/14/23 18:58 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | 144 | ug/L | 1.0 | 0.51 | 1 | | 04/13/23 17:06 | 108-67-8 | |
| Vinyl chloride | 1.1 | ug/L | 1.0 | 0.48 | 1 | | 04/13/23 17:06 | 75-01-4 | |
| Xylene (Total) | 529 | ug/L | 3.0 | 0.47 | 1 | | 04/13/23 17:06 | 1330-20-7 | |
| m&p-Xylene | 365 | ug/L | 2.0 | 0.93 | 1 | | 04/13/23 17:06 | 179601-23-1 | |
| o-Xylene | 164 | ug/L | 1.0 | 0.47 | 1 | | 04/13/23 17:06 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| 1,2-Dichloroethane-d4 (S) | 108 | % | 81-122 | | 1 | | 04/13/23 17:06 | 17060-07-0 | |
| 4-Bromofluorobenzene (S) | 94 | % | 79-118 | | 1 | | 04/13/23 17:06 | 460-00-4 | |
| Toluene-d8 (S) | 90 | % | 82-122 | | 1 | | 04/13/23 17:06 | 2037-26-5 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 380 ROCKAWAY TURNPIKE 4/12

Pace Project No.: 70252544

Sample: MW-4 **Lab ID: 70252544004** Collected: 04/12/23 10:15 Received: 04/12/23 13:40 Matrix: Water

| Parameters | Results | Units | Report | | | Prepared | Analyzed | CAS No. | Qual |
|-------------------------------------|---------|-------|--------|------|----|----------|----------------|------------|-------|
| | | | Limit | MDL | DF | | | | |
| 8260C Volatile Organics | | | | | | | | | |
| Analytical Method: EPA 8260C/5030C | | | | | | | | | |
| Pace Analytical Services - Melville | | | | | | | | | |
| Acetone | <5.0 | ug/L | 5.0 | 1.9 | 1 | | 04/13/23 17:27 | 67-64-1 | IL,v1 |
| Benzene | 4.4 | ug/L | 1.0 | 0.58 | 1 | | 04/13/23 17:27 | 71-43-2 | |
| Bromobenzene | <1.0 | ug/L | 1.0 | 0.58 | 1 | | 04/13/23 17:27 | 108-86-1 | |
| Bromochloromethane | <1.0 | ug/L | 1.0 | 0.43 | 1 | | 04/13/23 17:27 | 74-97-5 | |
| Bromodichloromethane | <1.0 | ug/L | 1.0 | 0.48 | 1 | | 04/13/23 17:27 | 75-27-4 | |
| Bromoform | <1.0 | ug/L | 1.0 | 0.61 | 1 | | 04/13/23 17:27 | 75-25-2 | |
| Bromomethane | <1.0 | ug/L | 1.0 | 0.74 | 1 | | 04/13/23 17:27 | 74-83-9 | |
| 2-Butanone (MEK) | <5.0 | ug/L | 5.0 | 0.51 | 1 | | 04/13/23 17:27 | 78-93-3 | |
| n-Butylbenzene | 25.4 | ug/L | 1.0 | 0.38 | 1 | | 04/13/23 17:27 | 104-51-8 | |
| sec-Butylbenzene | 7.9 | ug/L | 1.0 | 0.30 | 1 | | 04/13/23 17:27 | 135-98-8 | |
| tert-Butylbenzene | <1.0 | ug/L | 1.0 | 0.37 | 1 | | 04/13/23 17:27 | 98-06-6 | |
| Carbon disulfide | <1.0 | ug/L | 1.0 | 0.57 | 1 | | 04/13/23 17:27 | 75-15-0 | |
| Carbon tetrachloride | <1.0 | ug/L | 1.0 | 0.33 | 1 | | 04/13/23 17:27 | 56-23-5 | |
| Chlorobenzene | <1.0 | ug/L | 1.0 | 0.57 | 1 | | 04/13/23 17:27 | 108-90-7 | |
| Chlorodifluoromethane | <1.0 | ug/L | 1.0 | 0.41 | 1 | | 04/13/23 17:27 | 75-45-6 | N3 |
| Chloroethane | <1.0 | ug/L | 1.0 | 0.64 | 1 | | 04/13/23 17:27 | 75-00-3 | |
| Chloroform | <1.0 | ug/L | 1.0 | 0.56 | 1 | | 04/13/23 17:27 | 67-66-3 | |
| Chloromethane | <1.0 | ug/L | 1.0 | 0.63 | 1 | | 04/13/23 17:27 | 74-87-3 | v3 |
| 2-Chlorotoluene | <1.0 | ug/L | 1.0 | 0.44 | 1 | | 04/13/23 17:27 | 95-49-8 | |
| 4-Chlorotoluene | <1.0 | ug/L | 1.0 | 0.41 | 1 | | 04/13/23 17:27 | 106-43-4 | |
| Dibromochloromethane | <1.0 | ug/L | 1.0 | 0.50 | 1 | | 04/13/23 17:27 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <1.0 | ug/L | 1.0 | 0.40 | 1 | | 04/13/23 17:27 | 106-93-4 | |
| Dibromomethane | <1.0 | ug/L | 1.0 | 0.45 | 1 | | 04/13/23 17:27 | 74-95-3 | |
| 1,2-Dichlorobenzene | <1.0 | ug/L | 1.0 | 0.58 | 1 | | 04/13/23 17:27 | 95-50-1 | |
| 1,3-Dichlorobenzene | <1.0 | ug/L | 1.0 | 0.46 | 1 | | 04/13/23 17:27 | 541-73-1 | |
| 1,4-Dichlorobenzene | <1.0 | ug/L | 1.0 | 0.48 | 1 | | 04/13/23 17:27 | 106-46-7 | |
| trans-1,4-Dichloro-2-butene | <1.0 | ug/L | 1.0 | 0.78 | 1 | | 04/13/23 17:27 | 110-57-6 | |
| Dichlorodifluoromethane | <1.0 | ug/L | 1.0 | 0.37 | 1 | | 04/13/23 17:27 | 75-71-8 | v3 |
| 1,1-Dichloroethane | <1.0 | ug/L | 1.0 | 0.58 | 1 | | 04/13/23 17:27 | 75-34-3 | |
| 1,2-Dichloroethane | <1.0 | ug/L | 1.0 | 0.40 | 1 | | 04/13/23 17:27 | 107-06-2 | |
| 1,1-Dichloroethene | <1.0 | ug/L | 1.0 | 0.54 | 1 | | 04/13/23 17:27 | 75-35-4 | |
| cis-1,2-Dichloroethene | 54.4 | ug/L | 1.0 | 0.50 | 1 | | 04/13/23 17:27 | 156-59-2 | |
| trans-1,2-Dichloroethene | <1.0 | ug/L | 1.0 | 0.56 | 1 | | 04/13/23 17:27 | 156-60-5 | |
| 1,2-Dichloropropane | <1.0 | ug/L | 1.0 | 0.45 | 1 | | 04/13/23 17:27 | 78-87-5 | |
| 1,3-Dichloropropane | <1.0 | ug/L | 1.0 | 0.42 | 1 | | 04/13/23 17:27 | 142-28-9 | |
| 2,2-Dichloropropane | <1.0 | ug/L | 1.0 | 0.54 | 1 | | 04/13/23 17:27 | 594-20-7 | |
| 1,1-Dichloropropene | <1.0 | ug/L | 1.0 | 0.54 | 1 | | 04/13/23 17:27 | 563-58-6 | |
| cis-1,3-Dichloropropene | <1.0 | ug/L | 1.0 | 0.46 | 1 | | 04/13/23 17:27 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <1.0 | ug/L | 1.0 | 0.50 | 1 | | 04/13/23 17:27 | 10061-02-6 | |
| 1,4-Diethylbenzene | 143 | ug/L | 1.0 | 0.37 | 1 | | 04/13/23 17:27 | 105-05-5 | N3 |
| Ethanol | <250 | ug/L | 250 | 54.4 | 1 | | 04/13/23 17:27 | 64-17-5 | |
| Ethylbenzene | 692 | ug/L | 20.0 | 10.3 | 20 | | 04/14/23 19:19 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <1.0 | ug/L | 1.0 | 0.44 | 1 | | 04/13/23 17:27 | 87-68-3 | |
| 2-Hexanone | <5.0 | ug/L | 5.0 | 0.74 | 1 | | 04/13/23 17:27 | 591-78-6 | |
| Isopropylbenzene (Cumene) | 46.6 | ug/L | 1.0 | 0.40 | 1 | | 04/13/23 17:27 | 98-82-8 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 380 ROCKAWAY TURNPIKE 4/12
Pace Project No.: 70252544

Sample: MW-4 **Lab ID: 70252544004** Collected: 04/12/23 10:15 Received: 04/12/23 13:40 Matrix: Water

| Parameters | Results | Units | Report Limit | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------|---------|---|--------------|------|----|----------|----------------|-------------|------|
| 8260C Volatile Organics | | Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville | | | | | | | |
| p-Isopropyltoluene | 6.9 | ug/L | 1.0 | 0.37 | 1 | | 04/13/23 17:27 | 99-87-6 | |
| Methylene Chloride | 33.8 | ug/L | 1.0 | 0.77 | 1 | | 04/13/23 17:27 | 75-09-2 | |
| 4-Methyl-2-pentanone (MIBK) | <5.0 | ug/L | 5.0 | 0.36 | 1 | | 04/13/23 17:27 | 108-10-1 | |
| Methyl-tert-butyl ether | <1.0 | ug/L | 1.0 | 0.51 | 1 | | 04/13/23 17:27 | 1634-04-4 | |
| Naphthalene | 209 | ug/L | 20.0 | 13.7 | 20 | | 04/14/23 19:19 | 91-20-3 | |
| n-Propylbenzene | 94.2 | ug/L | 1.0 | 0.33 | 1 | | 04/13/23 17:27 | 103-65-1 | |
| Styrene | <1.0 | ug/L | 1.0 | 0.57 | 1 | | 04/13/23 17:27 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <1.0 | ug/L | 1.0 | 0.59 | 1 | | 04/13/23 17:27 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <1.0 | ug/L | 1.0 | 0.39 | 1 | | 04/13/23 17:27 | 79-34-5 | |
| Tetrachloroethene | <1.0 | ug/L | 1.0 | 0.53 | 1 | | 04/13/23 17:27 | 127-18-4 | |
| 1,2,4,5-tetramethylbenzene | 62.9 | ug/L | 1.0 | 0.58 | 1 | | 04/13/23 17:27 | 95-93-2 | N3 |
| Toluene | 1900 | ug/L | 20.0 | 11.4 | 20 | | 04/14/23 19:19 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <1.0 | ug/L | 1.0 | 0.87 | 1 | | 04/13/23 17:27 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <1.0 | ug/L | 1.0 | 0.72 | 1 | | 04/13/23 17:27 | 120-82-1 | |
| 1,1,1-Trichloroethane | <1.0 | ug/L | 1.0 | 0.32 | 1 | | 04/13/23 17:27 | 71-55-6 | |
| 1,1,2-Trichloroethane | <1.0 | ug/L | 1.0 | 0.49 | 1 | | 04/13/23 17:27 | 79-00-5 | |
| Trichloroethene | <1.0 | ug/L | 1.0 | 0.47 | 1 | | 04/13/23 17:27 | 79-01-6 | |
| Trichlorofluoromethane | <1.0 | ug/L | 1.0 | 0.23 | 1 | | 04/13/23 17:27 | 75-69-4 | |
| 1,2,3-Trichloropropane | <1.0 | ug/L | 1.0 | 0.48 | 1 | | 04/13/23 17:27 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | 1130 | ug/L | 20.0 | 10.1 | 20 | | 04/14/23 19:19 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | 281 | ug/L | 20.0 | 10.3 | 20 | | 04/14/23 19:19 | 108-67-8 | |
| Vinyl chloride | 28.9 | ug/L | 1.0 | 0.48 | 1 | | 04/13/23 17:27 | 75-01-4 | |
| Xylene (Total) | 4650 | ug/L | 60.0 | 9.3 | 20 | | 04/14/23 19:19 | 1330-20-7 | |
| m&p-Xylene | 3330 | ug/L | 40.0 | 18.6 | 20 | | 04/14/23 19:19 | 179601-23-1 | |
| o-Xylene | 1320 | ug/L | 20.0 | 9.3 | 20 | | 04/14/23 19:19 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| 1,2-Dichloroethane-d4 (S) | 113 | % | 81-122 | | 1 | | 04/13/23 17:27 | 17060-07-0 | |
| 4-Bromofluorobenzene (S) | 94 | % | 79-118 | | 1 | | 04/13/23 17:27 | 460-00-4 | |
| Toluene-d8 (S) | 90 | % | 82-122 | | 1 | | 04/13/23 17:27 | 2037-26-5 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 380 ROCKAWAY TURNPIKE 4/12
Pace Project No.: 70252544

QC Batch: 300967 Analysis Method: EPA 8260C/5030C
QC Batch Method: EPA 8260C/5030C Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Melville
Associated Lab Samples: 70252544001, 70252544002, 70252544003, 70252544004

METHOD BLANK: 1524958 Matrix: Water
Associated Lab Samples: 70252544001, 70252544002, 70252544003, 70252544004

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|-----------------------------|-------|--------------|-----------------|------|----------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/L | <1.0 | 1.0 | 0.59 | 04/13/23 11:39 | |
| 1,1,1-Trichloroethane | ug/L | <1.0 | 1.0 | 0.32 | 04/13/23 11:39 | |
| 1,1,2,2-Tetrachloroethane | ug/L | <1.0 | 1.0 | 0.39 | 04/13/23 11:39 | |
| 1,1,2-Trichloroethane | ug/L | <1.0 | 1.0 | 0.49 | 04/13/23 11:39 | |
| 1,1-Dichloroethane | ug/L | <1.0 | 1.0 | 0.58 | 04/13/23 11:39 | |
| 1,1-Dichloroethene | ug/L | <1.0 | 1.0 | 0.54 | 04/13/23 11:39 | |
| 1,1-Dichloropropene | ug/L | <1.0 | 1.0 | 0.54 | 04/13/23 11:39 | |
| 1,2,3-Trichlorobenzene | ug/L | <1.0 | 1.0 | 0.87 | 04/13/23 11:39 | |
| 1,2,3-Trichloropropane | ug/L | <1.0 | 1.0 | 0.48 | 04/13/23 11:39 | |
| 1,2,4,5-tetramethylbenzene | ug/L | <1.0 | 1.0 | 0.58 | 04/13/23 11:39 | N3 |
| 1,2,4-Trichlorobenzene | ug/L | <1.0 | 1.0 | 0.72 | 04/13/23 11:39 | |
| 1,2,4-Trimethylbenzene | ug/L | <1.0 | 1.0 | 0.50 | 04/13/23 11:39 | |
| 1,2-Dibromoethane (EDB) | ug/L | <1.0 | 1.0 | 0.40 | 04/13/23 11:39 | |
| 1,2-Dichlorobenzene | ug/L | <1.0 | 1.0 | 0.58 | 04/13/23 11:39 | |
| 1,2-Dichloroethane | ug/L | <1.0 | 1.0 | 0.40 | 04/13/23 11:39 | |
| 1,2-Dichloropropane | ug/L | <1.0 | 1.0 | 0.45 | 04/13/23 11:39 | |
| 1,3,5-Trimethylbenzene | ug/L | <1.0 | 1.0 | 0.51 | 04/13/23 11:39 | |
| 1,3-Dichlorobenzene | ug/L | <1.0 | 1.0 | 0.46 | 04/13/23 11:39 | |
| 1,3-Dichloropropane | ug/L | <1.0 | 1.0 | 0.42 | 04/13/23 11:39 | |
| 1,4-Dichlorobenzene | ug/L | <1.0 | 1.0 | 0.48 | 04/13/23 11:39 | |
| 1,4-Diethylbenzene | ug/L | <1.0 | 1.0 | 0.37 | 04/13/23 11:39 | N3 |
| 2,2-Dichloropropane | ug/L | <1.0 | 1.0 | 0.54 | 04/13/23 11:39 | |
| 2-Butanone (MEK) | ug/L | <5.0 | 5.0 | 0.51 | 04/13/23 11:39 | |
| 2-Chlorotoluene | ug/L | <1.0 | 1.0 | 0.44 | 04/13/23 11:39 | |
| 2-Hexanone | ug/L | <5.0 | 5.0 | 0.74 | 04/13/23 11:39 | |
| 4-Chlorotoluene | ug/L | <1.0 | 1.0 | 0.41 | 04/13/23 11:39 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | <5.0 | 5.0 | 0.36 | 04/13/23 11:39 | |
| Acetone | ug/L | <5.0 | 5.0 | 1.9 | 04/13/23 11:39 | IL |
| Benzene | ug/L | <1.0 | 1.0 | 0.58 | 04/13/23 11:39 | |
| Bromobenzene | ug/L | <1.0 | 1.0 | 0.58 | 04/13/23 11:39 | |
| Bromochloromethane | ug/L | <1.0 | 1.0 | 0.43 | 04/13/23 11:39 | |
| Bromodichloromethane | ug/L | <1.0 | 1.0 | 0.48 | 04/13/23 11:39 | |
| Bromoform | ug/L | <1.0 | 1.0 | 0.61 | 04/13/23 11:39 | |
| Bromomethane | ug/L | <1.0 | 1.0 | 0.74 | 04/13/23 11:39 | |
| Carbon disulfide | ug/L | <1.0 | 1.0 | 0.57 | 04/13/23 11:39 | |
| Carbon tetrachloride | ug/L | <1.0 | 1.0 | 0.33 | 04/13/23 11:39 | |
| Chlorobenzene | ug/L | <1.0 | 1.0 | 0.57 | 04/13/23 11:39 | |
| Chlorodifluoromethane | ug/L | <1.0 | 1.0 | 0.41 | 04/13/23 11:39 | N3 |
| Chloroethane | ug/L | <1.0 | 1.0 | 0.64 | 04/13/23 11:39 | |
| Chloroform | ug/L | <1.0 | 1.0 | 0.56 | 04/13/23 11:39 | |

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 380 ROCKAWAY TURNPIKE 4/12

Pace Project No.: 70252544

METHOD BLANK: 1524958

Matrix: Water

Associated Lab Samples: 70252544001, 70252544002, 70252544003, 70252544004

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|-----------------------------|-------|--------------|-----------------|------|----------------|------------|
| Chloromethane | ug/L | <1.0 | 1.0 | 0.63 | 04/13/23 11:39 | v3 |
| cis-1,2-Dichloroethene | ug/L | <1.0 | 1.0 | 0.50 | 04/13/23 11:39 | |
| cis-1,3-Dichloropropene | ug/L | <1.0 | 1.0 | 0.46 | 04/13/23 11:39 | |
| Dibromochloromethane | ug/L | <1.0 | 1.0 | 0.50 | 04/13/23 11:39 | |
| Dibromomethane | ug/L | <1.0 | 1.0 | 0.45 | 04/13/23 11:39 | |
| Dichlorodifluoromethane | ug/L | <1.0 | 1.0 | 0.37 | 04/13/23 11:39 | v3 |
| Ethanol | ug/L | <250 | 250 | 54.4 | 04/13/23 11:39 | |
| Ethylbenzene | ug/L | <1.0 | 1.0 | 0.52 | 04/13/23 11:39 | |
| Hexachloro-1,3-butadiene | ug/L | <1.0 | 1.0 | 0.44 | 04/13/23 11:39 | |
| Isopropylbenzene (Cumene) | ug/L | <1.0 | 1.0 | 0.40 | 04/13/23 11:39 | |
| m&p-Xylene | ug/L | <2.0 | 2.0 | 0.93 | 04/13/23 11:39 | |
| Methyl-tert-butyl ether | ug/L | <1.0 | 1.0 | 0.51 | 04/13/23 11:39 | |
| Methylene Chloride | ug/L | <1.0 | 1.0 | 0.77 | 04/13/23 11:39 | |
| n-Butylbenzene | ug/L | <1.0 | 1.0 | 0.38 | 04/13/23 11:39 | |
| n-Propylbenzene | ug/L | <1.0 | 1.0 | 0.33 | 04/13/23 11:39 | |
| Naphthalene | ug/L | <1.0 | 1.0 | 0.68 | 04/13/23 11:39 | |
| o-Xylene | ug/L | <1.0 | 1.0 | 0.47 | 04/13/23 11:39 | |
| p-Isopropyltoluene | ug/L | <1.0 | 1.0 | 0.37 | 04/13/23 11:39 | |
| sec-Butylbenzene | ug/L | <1.0 | 1.0 | 0.30 | 04/13/23 11:39 | |
| Styrene | ug/L | <1.0 | 1.0 | 0.57 | 04/13/23 11:39 | |
| tert-Butylbenzene | ug/L | <1.0 | 1.0 | 0.37 | 04/13/23 11:39 | |
| Tetrachloroethene | ug/L | <1.0 | 1.0 | 0.53 | 04/13/23 11:39 | |
| Toluene | ug/L | <1.0 | 1.0 | 0.57 | 04/13/23 11:39 | |
| trans-1,2-Dichloroethene | ug/L | <1.0 | 1.0 | 0.56 | 04/13/23 11:39 | |
| trans-1,3-Dichloropropene | ug/L | <1.0 | 1.0 | 0.50 | 04/13/23 11:39 | |
| trans-1,4-Dichloro-2-butene | ug/L | <1.0 | 1.0 | 0.78 | 04/13/23 11:39 | |
| Trichloroethene | ug/L | <1.0 | 1.0 | 0.47 | 04/13/23 11:39 | |
| Trichlorofluoromethane | ug/L | <1.0 | 1.0 | 0.23 | 04/13/23 11:39 | |
| Vinyl chloride | ug/L | <1.0 | 1.0 | 0.48 | 04/13/23 11:39 | |
| Xylene (Total) | ug/L | <3.0 | 3.0 | 0.47 | 04/13/23 11:39 | |
| 1,2-Dichloroethane-d4 (S) | % | 106 | 81-122 | | 04/13/23 11:39 | |
| 4-Bromofluorobenzene (S) | % | 99 | 79-118 | | 04/13/23 11:39 | |
| Toluene-d8 (S) | % | 96 | 82-122 | | 04/13/23 11:39 | |

LABORATORY CONTROL SAMPLE: 1524959

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/L | 50 | 52.3 | 105 | 75-122 | |
| 1,1,1-Trichloroethane | ug/L | 50 | 56.0 | 112 | 72-126 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 50 | 53.1 | 106 | 70-127 | |
| 1,1,2-Trichloroethane | ug/L | 50 | 52.2 | 104 | 81-119 | |
| 1,1-Dichloroethane | ug/L | 50 | 52.1 | 104 | 72-126 | |
| 1,1-Dichloroethene | ug/L | 50 | 58.3 | 117 | 66-133 | |
| 1,1-Dichloropropene | ug/L | 50 | 51.9 | 104 | 69-124 | |

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 380 ROCKAWAY TURNPIKE 4/12

Pace Project No.: 70252544

LABORATORY CONTROL SAMPLE: 1524959

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,2,3-Trichlorobenzene | ug/L | 50 | 46.2 | 92 | 50-143 | |
| 1,2,3-Trichloropropane | ug/L | 50 | 54.2 | 108 | 69-120 | |
| 1,2,4,5-tetramethylbenzene | ug/L | 50 | 47.3 | 95 | 62-144 | N3 |
| 1,2,4-Trichlorobenzene | ug/L | 50 | 45.4 | 91 | 56-141 | |
| 1,2,4-Trimethylbenzene | ug/L | 50 | 46.7 | 93 | 78-119 | |
| 1,2-Dibromoethane (EDB) | ug/L | 50 | 57.3 | 115 | 81-123 | |
| 1,2-Dichlorobenzene | ug/L | 50 | 47.8 | 96 | 80-117 | |
| 1,2-Dichloroethane | ug/L | 50 | 57.0 | 114 | 69-134 | |
| 1,2-Dichloropropane | ug/L | 50 | 50.6 | 101 | 75-125 | |
| 1,3,5-Trimethylbenzene | ug/L | 50 | 45.8 | 92 | 78-121 | |
| 1,3-Dichlorobenzene | ug/L | 50 | 47.9 | 96 | 82-116 | |
| 1,3-Dichloropropane | ug/L | 50 | 52.3 | 105 | 81-118 | |
| 1,4-Dichlorobenzene | ug/L | 50 | 47.5 | 95 | 80-117 | |
| 1,4-Diethylbenzene | ug/L | 50 | 47.9 | 96 | 77-128 | N3 |
| 2,2-Dichloropropane | ug/L | 50 | 52.5 | 105 | 47-151 | |
| 2-Butanone (MEK) | ug/L | 50 | 50.3 | 101 | 33-165 | |
| 2-Chlorotoluene | ug/L | 50 | 46.3 | 93 | 80-119 | |
| 2-Hexanone | ug/L | 50 | 46.8 | 94 | 50-128 | |
| 4-Chlorotoluene | ug/L | 50 | 46.3 | 93 | 79-119 | |
| 4-Methyl-2-pentanone (MIBK) | ug/L | 50 | 55.4 | 111 | 62-131 | |
| Acetone | ug/L | 50 | 37.2 | 74 | 14-156 | IL,v1 |
| Benzene | ug/L | 50 | 50.5 | 101 | 78-117 | |
| Bromobenzene | ug/L | 50 | 45.3 | 91 | 80-117 | |
| Bromochloromethane | ug/L | 50 | 52.3 | 105 | 77-122 | |
| Bromodichloromethane | ug/L | 50 | 56.5 | 113 | 80-123 | |
| Bromoform | ug/L | 50 | 58.6 | 117 | 49-138 | |
| Bromomethane | ug/L | 50 | 54.0 | 108 | 10-143 | |
| Carbon disulfide | ug/L | 50 | 57.2 | 114 | 66-133 | |
| Carbon tetrachloride | ug/L | 50 | 55.7 | 111 | 64-135 | |
| Chlorobenzene | ug/L | 50 | 49.3 | 99 | 79-117 | |
| Chlorodifluoromethane | ug/L | 50 | 55.2 | 110 | 45-132 | N3 |
| Chloroethane | ug/L | 50 | 56.5 | 113 | 31-156 | |
| Chloroform | ug/L | 50 | 52.4 | 105 | 79-123 | |
| Chloromethane | ug/L | 50 | 47.3 | 95 | 39-116 | v3 |
| cis-1,2-Dichloroethene | ug/L | 50 | 51.7 | 103 | 77-125 | |
| cis-1,3-Dichloropropene | ug/L | 50 | 56.5 | 113 | 78-131 | |
| Dibromochloromethane | ug/L | 50 | 56.7 | 113 | 65-123 | |
| Dibromomethane | ug/L | 50 | 51.8 | 104 | 81-123 | |
| Dichlorodifluoromethane | ug/L | 50 | 52.0 | 104 | 13-149 | v3 |
| Ethanol | ug/L | 1250 | 1550 | 124 | 10-196 | |
| Ethylbenzene | ug/L | 50 | 48.4 | 97 | 79-115 | |
| Hexachloro-1,3-butadiene | ug/L | 50 | 45.0 | 90 | 55-142 | |
| Isopropylbenzene (Cumene) | ug/L | 50 | 45.2 | 90 | 74-118 | |
| m&p-Xylene | ug/L | 100 | 96.3 | 96 | 80-118 | |
| Methyl-tert-butyl ether | ug/L | 50 | 58.0 | 116 | 69-118 | |
| Methylene Chloride | ug/L | 50 | 56.6 | 113 | 67-123 | |
| n-Butylbenzene | ug/L | 50 | 48.4 | 97 | 74-126 | |

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 380 ROCKAWAY TURNPIKE 4/12
Pace Project No.: 70252544

LABORATORY CONTROL SAMPLE: 1524959

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| n-Propylbenzene | ug/L | 50 | 47.0 | 94 | 75-120 | |
| Naphthalene | ug/L | 50 | 50.4 | 101 | 70-136 | |
| o-Xylene | ug/L | 50 | 49.0 | 98 | 80-119 | |
| p-Isopropyltoluene | ug/L | 50 | 47.3 | 95 | 78-122 | |
| sec-Butylbenzene | ug/L | 50 | 46.8 | 94 | 76-120 | |
| Styrene | ug/L | 50 | 50.0 | 100 | 82-121 | |
| tert-Butylbenzene | ug/L | 50 | 45.4 | 91 | 77-118 | |
| Tetrachloroethene | ug/L | 50 | 41.8 | 84 | 65-120 | |
| Toluene | ug/L | 50 | 51.7 | 103 | 80-114 | |
| trans-1,2-Dichloroethene | ug/L | 50 | 56.5 | 113 | 74-123 | |
| trans-1,3-Dichloropropene | ug/L | 50 | 59.9 | 120 | 73-135 | |
| trans-1,4-Dichloro-2-butene | ug/L | 50 | 55.3 | 111 | 52-137 | |
| Trichloroethene | ug/L | 50 | 50.9 | 102 | 79-115 | |
| Trichlorofluoromethane | ug/L | 50 | 62.5 | 125 | 51-136 | |
| Vinyl chloride | ug/L | 50 | 55.1 | 110 | 49-118 | |
| Xylene (Total) | ug/L | 150 | 145 | 97 | 80-118 | |
| 1,2-Dichloroethane-d4 (S) | % | | | 106 | 81-122 | |
| 4-Bromofluorobenzene (S) | % | | | 98 | 79-118 | |
| Toluene-d8 (S) | % | | | 96 | 82-122 | |

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 380 ROCKAWAY TURNPIKE 4/12

Pace Project No.: 70252544

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

- | | |
|----|--|
| E | Analyte concentration exceeded the calibration range. The reported result is estimated. |
| IL | This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value. |
| N3 | Accreditation is not offered by the relevant laboratory accrediting body for this parameter. |
| v1 | The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias. |
| v3 | The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias. |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 380 ROCKAWAY TURNPIKE 4/12
Pace Project No.: 70252544

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|-------------|-----------|-----------------|----------|-------------------|------------------|
| 70252544001 | MW-1 | EPA 8260C/5030C | 300967 | | |
| 70252544002 | MW-2 | EPA 8260C/5030C | 300967 | | |
| 70252544003 | MW-3 | EPA 8260C/5030C | 300967 | | |
| 70252544004 | MW-4 | EPA 8260C/5030C | 300967 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company: WRS/Champion Env.
Address: 17 Old Dock Rd
Report To: Justin H
Copy To: Alicia P
Customer Project Name/Number: Former Quick & Clean / 19470
Phone: 631-589-6521
Site/Facility ID #:
Collected By (print): Steam Plan
Turnaround Date Required: Standard
Rush: [] Same Day [] Next Day [] 2 Day [] 3 Day [] 4 Day [] 5 Day (Expedite Charges Apply)
Sample Disposal: [] Dispose as appropriate [] Return [] Archive: [] Hold:
*** Matrix Codes (Insert in Matrix box below):** Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

| Customer Sample ID | Matrix * | Comp / Grab | Collected (or Composite Start) | | Composite End | Res Cl | # of Ctns |
|--------------------|----------|-------------|--------------------------------|------|---------------|--------|-----------|
| | | | Date | Time | | | |
| MW-1 | GW | Grab | 4-12-23 | 9:30 | | | 2 |
| 2 | ↓ | ↓ | 9:45 | | | | ↓ |
| 3 | ↓ | ↓ | 10:17 | | | | |
| 4 | ↓ | ↓ | 10:15 | | | | |

Customer Remarks / Special Conditions / Possible Hazards:
 PO# 36384
 Radchem sample(s) screened (<500 cpm): Y N NA
 Type of Ice Used: Wet Blue Dry None
 Packing Material Used:
 Received by/Company: (Signature) Date/Time: 4-12-23 1:30 PM
 Relinquished by/Company: (Signature) Date/Time: 4-12-23 1:30 PM
 Relinquished by/Company: (Signature) Date/Time: 4-12-23 1:30 PM
 Relinquished by/Company: (Signature) Date/Time: 4-12-23 1:30 PM

LAB USE ONLY - Affix Workorder/Login Label Here or List Pace Workorder Number or
WO#: 70252544
 Contain: 70252544

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrogen peroxide, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses

| Analyses | Y | N | NA |
|----------|---|---|----|
| 8260 | | | |
| 1 | | | |
| 1 | | | |
| 1 | | | |

Lab Profile/Line:
 Lab Sample Receipt Checklist:
 Custody Seals Present/Intact Y N NA
 Custody Signatures Present Y N NA
 Collector Signature Present Y N NA
 Bottles Intact Y N NA
 Correct Bottles Y N NA
 Sufficient Volume Y N NA
 Samples Received on Ice Y N NA
 VOA - Headspace Acceptable Y N NA
 USDA Regulated Soils Y N NA
 Samples in Holding Time Y N NA
 Residual Chlorine Present Y N NA
 Cl Strips: Y N NA
 Sample pH Acceptable Y N NA
 pH Strips: Y N NA
 Sulfide Present Y N NA
 Lead Acetate Strips: Y N NA
 LAB USE ONLY:
 Lab Sample # / Comments:

Lab Sample Temperature Info:
 Temp Blank Received: Y N NA
 Therm ID#: 4.1
 Cooler 1 Temp Upon Receipt: 4.1 OC
 Cooler 1 Therm Corr. Factor: 0.6 OC
 Cooler 1 Corrected Temp: 4.1 OC
 Comments:
 Trip Blank Received: Y N NA
 HCL MeOH TSP Other
 Non Conformance(s): YES / NO
 Page: of:

Sample Receiving Non-Conformance Form (NCF)

Date: 4/12/23 Evaluated by: _____
 Client: WRS

WO#: 70252544
 PM: LAB Due Date: 04/21/23
 CLIENT: WRS

If Chain-of-Custody (COC) is not received: contact client and if necessary, fill out a COC and indicate that it was filled out by lab personnel. Note issues on this NCF.

If COC is incomplete, check applicable issues below and add details where appropriate:

| | | |
|--|---|---|
| Collection date/time missing or incorrect | Analyses or analytes: missing or clarification needed | Samples listed on COC do not match samples received (missing, additional, etc.) |
| Sample IDs on COC do not match sample labels | Required trip blanks were not received | Required signatures are missing |

Comments/Details/Other Issues not listed above:

3. Sample integrity issues: check applicable issues below and add details where appropriate:

| | | |
|--|---|--|
| Samples: Past holding time | Samples: Condition needs to be brought to lab personnel's attention (details below) | Preservation: Improper |
| Samples: Not field filtered | Containers: Broken or compromised | Temperature: not within acceptance criteria (typical 0-6C) |
| Samples: Insufficient volume received | Containers: Incorrect | Temperature: Samples arrived frozen |
| Samples: Cooler damaged or compromised | Custody Seals: Missing or compromised on samples, trip blanks or coolers | Vials received with improper headspace |
| Samples: contain chlorine or sulfides | Packing Material: Insufficient/Improper | Other: |

Comments/Details:
 → Accidentally one of the vial² "MV-2" broke at lab

4. If Samples not preserved properly and Sample Receiving adjusts pH, add details below:

| | | |
|---------------|-----------------------|-------------------------|
| Sample ID: | Date/Time: | Amount/type pres added: |
| Preserved by: | Initial and Final pH: | Lot # of pres added: |
| Sample ID: | Date/Time: | Amount/type pres added: |
| Preserved by: | Initial and Final pH: | Lot # of pres added: |
| Sample ID: | Date/Time: | Amount/type pres added: |
| Preserved by: | Initial and Final pH: | Lot # of pres added: |

5. Client Contact: If client is contacted for any issue listed above, fill in details below:

Client: _____ Contacted per: _____
 PM Initials: _____ Date/Time: _____
 Client Comments/Instructions:



ANALYTICAL REPORT

| | |
|-----------------|---|
| Lab Number: | L2321179 |
| Client: | WRS Environmental Services, Inc. 17 Old Dock Road Yaphank, NY 11980 |
| ATTN: | Justin Halpin |
| Phone: | (631) 924-8111 |
| Project Name: | FORMER QUICK AND CLEAN |
| Project Number: | 19470 |
| Report Date: | 05/01/23 |

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

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: FORMER QUICK AND CLEAN
Project Number: 19470

Lab Number: L2321179
Report Date: 05/01/23

| Alpha Sample ID | Client ID | Matrix | Sample Location | Collection Date/Time | Receive Date |
|----------------------------|------------------|---------------|----------------------------|---------------------------------|---------------------|
| L2321179-01 | EFFLUENT | SOIL_VAPOR | 380 ROCKAWAY TURNPIKE | 04/12/23 10:46 | 04/20/23 |

Project Name: FORMER QUICK AND CLEAN
Project Number: 19470

Lab Number: L2321179
Report Date: 05/01/23

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 QUICK AND CLEAN
Project Number: 19470

Lab Number: L2321179
Report Date: 05/01/23

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on April 11, 2023. The canister certification results are provided as an addendum.

L2321179-01D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

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:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 05/01/23

AIR

Project Name: FORMER QUICK AND CLEAN
Project Number: 19470

Lab Number: L2321179
Report Date: 05/01/23

SAMPLE RESULTS

Lab ID: L2321179-01 D
 Client ID: EFFLUENT
 Sample Location: 380 ROCKAWAY TURNPIKE

Date Collected: 04/12/23 10:46
 Date Received: 04/20/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 04/29/23 06:07
 Analyst: JMB

| Parameter | ppbV | | | ug/m3 | | | Qualifier | Dilution Factor |
|--|---------|-------|-----|---------|-------|-----|-----------|-----------------|
| | Results | RL | MDL | Results | RL | MDL | | |
| Volatile Organics in Air - Mansfield Lab | | | | | | | | |
| Dichlorodifluoromethane | 0.460 | 0.400 | -- | 2.27 | 1.98 | -- | | 2 |
| Chloromethane | ND | 0.400 | -- | ND | 0.826 | -- | | 2 |
| Freon-114 | ND | 0.400 | -- | ND | 2.80 | -- | | 2 |
| Vinyl chloride | ND | 0.400 | -- | ND | 1.02 | -- | | 2 |
| 1,3-Butadiene | ND | 0.400 | -- | ND | 0.885 | -- | | 2 |
| Bromomethane | ND | 0.400 | -- | ND | 1.55 | -- | | 2 |
| Chloroethane | ND | 0.400 | -- | ND | 1.06 | -- | | 2 |
| Ethanol | 512 | 10.0 | -- | 965 | 18.8 | -- | | 2 |
| Vinyl bromide | ND | 0.400 | -- | ND | 1.75 | -- | | 2 |
| Acetone | 7.86 | 2.00 | -- | 18.7 | 4.75 | -- | | 2 |
| Trichlorofluoromethane | ND | 0.400 | -- | ND | 2.25 | -- | | 2 |
| Isopropanol | 28.4 | 1.00 | -- | 69.8 | 2.46 | -- | | 2 |
| 1,1-Dichloroethene | ND | 0.400 | -- | ND | 1.59 | -- | | 2 |
| Tertiary butyl Alcohol | ND | 1.00 | -- | ND | 3.03 | -- | | 2 |
| Methylene chloride | ND | 1.00 | -- | ND | 3.47 | -- | | 2 |
| 3-Chloropropene | ND | 0.400 | -- | ND | 1.25 | -- | | 2 |
| Carbon disulfide | ND | 0.400 | -- | ND | 1.25 | -- | | 2 |
| Freon-113 | ND | 0.400 | -- | ND | 3.07 | -- | | 2 |
| trans-1,2-Dichloroethene | 1.92 | 0.400 | -- | 7.61 | 1.59 | -- | | 2 |
| 1,1-Dichloroethane | ND | 0.400 | -- | ND | 1.62 | -- | | 2 |
| Methyl tert butyl ether | ND | 0.400 | -- | ND | 1.44 | -- | | 2 |
| 2-Butanone | ND | 1.00 | -- | ND | 2.95 | -- | | 2 |
| cis-1,2-Dichloroethene | 150 | 0.400 | -- | 595 | 1.59 | -- | | 2 |



Project Name: FORMER QUICK AND CLEAN
Project Number: 19470

Lab Number: L2321179
Report Date: 05/01/23

SAMPLE RESULTS

Lab ID: L2321179-01 D
 Client ID: EFFLUENT
 Sample Location: 380 ROCKAWAY TURNPIKE

Date Collected: 04/12/23 10:46
 Date Received: 04/20/23
 Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV | | | ug/m3 | | | Qualifier | Dilution Factor |
|---|---------|-------|-----|---------|------|-----|-----------|-----------------|
| | Results | RL | MDL | Results | RL | MDL | | |
| Volatile Organics in Air - Mansfield Lab | | | | | | | | |
| Ethyl Acetate | ND | 1.00 | -- | ND | 3.60 | -- | | 2 |
| Chloroform | 0.766 | 0.400 | -- | 3.74 | 1.95 | -- | | 2 |
| Tetrahydrofuran | ND | 1.00 | -- | ND | 2.95 | -- | | 2 |
| 1,2-Dichloroethane | ND | 0.400 | -- | ND | 1.62 | -- | | 2 |
| n-Hexane | ND | 0.400 | -- | ND | 1.41 | -- | | 2 |
| 1,1,1-Trichloroethane | ND | 0.400 | -- | ND | 2.18 | -- | | 2 |
| Benzene | ND | 0.400 | -- | ND | 1.28 | -- | | 2 |
| Carbon tetrachloride | ND | 0.400 | -- | ND | 2.52 | -- | | 2 |
| Cyclohexane | ND | 0.400 | -- | ND | 1.38 | -- | | 2 |
| 1,2-Dichloropropane | ND | 0.400 | -- | ND | 1.85 | -- | | 2 |
| Bromodichloromethane | ND | 0.400 | -- | ND | 2.68 | -- | | 2 |
| 1,4-Dioxane | ND | 0.400 | -- | ND | 1.44 | -- | | 2 |
| Trichloroethene | 55.8 | 0.400 | -- | 300 | 2.15 | -- | | 2 |
| 2,2,4-Trimethylpentane | ND | 0.400 | -- | ND | 1.87 | -- | | 2 |
| Heptane | ND | 0.400 | -- | ND | 1.64 | -- | | 2 |
| cis-1,3-Dichloropropene | ND | 0.400 | -- | ND | 1.82 | -- | | 2 |
| 4-Methyl-2-pentanone | ND | 1.00 | -- | ND | 4.10 | -- | | 2 |
| trans-1,3-Dichloropropene | ND | 0.400 | -- | ND | 1.82 | -- | | 2 |
| 1,1,2-Trichloroethane | ND | 0.400 | -- | ND | 2.18 | -- | | 2 |
| Toluene | ND | 0.400 | -- | ND | 1.51 | -- | | 2 |
| 2-Hexanone | ND | 0.400 | -- | ND | 1.64 | -- | | 2 |
| Dibromochloromethane | ND | 0.400 | -- | ND | 3.41 | -- | | 2 |
| 1,2-Dibromoethane | ND | 0.400 | -- | ND | 3.07 | -- | | 2 |
| Tetrachloroethene | 88.3 | 0.400 | -- | 599 | 2.71 | -- | | 2 |
| Chlorobenzene | ND | 0.400 | -- | ND | 1.84 | -- | | 2 |
| Ethylbenzene | ND | 0.400 | -- | ND | 1.74 | -- | | 2 |



Project Name: FORMER QUICK AND CLEAN**Lab Number:** L2321179**Project Number:** 19470**Report Date:** 05/01/23**SAMPLE RESULTS**

Lab ID: L2321179-01 D
 Client ID: EFFLUENT
 Sample Location: 380 ROCKAWAY TURNPIKE

Date Collected: 04/12/23 10:46
 Date Received: 04/20/23
 Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV | | | ug/m3 | | | Qualifier | Dilution Factor |
|---|---------|-------|-----|---------|------|-----|-----------|-----------------|
| | Results | RL | MDL | Results | RL | MDL | | |
| Volatile Organics in Air - Mansfield Lab | | | | | | | | |
| p/m-Xylene | ND | 0.800 | -- | ND | 3.47 | -- | | 2 |
| Bromoform | ND | 0.400 | -- | ND | 4.14 | -- | | 2 |
| Styrene | ND | 0.400 | -- | ND | 1.70 | -- | | 2 |
| 1,1,2,2-Tetrachloroethane | ND | 0.400 | -- | ND | 2.75 | -- | | 2 |
| o-Xylene | ND | 0.400 | -- | ND | 1.74 | -- | | 2 |
| 4-Ethyltoluene | ND | 0.400 | -- | ND | 1.97 | -- | | 2 |
| 1,3,5-Trimethylbenzene | ND | 0.400 | -- | ND | 1.97 | -- | | 2 |
| 1,2,4-Trimethylbenzene | ND | 0.400 | -- | ND | 1.97 | -- | | 2 |
| Benzyl chloride | ND | 0.400 | -- | ND | 2.07 | -- | | 2 |
| 1,3-Dichlorobenzene | ND | 0.400 | -- | ND | 2.40 | -- | | 2 |
| 1,4-Dichlorobenzene | ND | 0.400 | -- | ND | 2.40 | -- | | 2 |
| 1,2-Dichlorobenzene | ND | 0.400 | -- | ND | 2.40 | -- | | 2 |
| 1,2,4-Trichlorobenzene | ND | 0.400 | -- | ND | 2.97 | -- | | 2 |
| Hexachlorobutadiene | ND | 0.400 | -- | ND | 4.27 | -- | | 2 |

| Internal Standard | % Recovery | Qualifier | Acceptance Criteria |
|---------------------|------------|-----------|---------------------|
| 1,4-Difluorobenzene | 94 | | 60-140 |
| Bromochloromethane | 96 | | 60-140 |
| chlorobenzene-d5 | 99 | | 60-140 |



Project Name: FORMER QUICK AND CLEAN

Lab Number: L2321179

Project Number: 19470

Report Date: 05/01/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 04/28/23 16:47

| Parameter | ppbV | | | ug/m3 | | | Qualifier | Dilution Factor |
|---|---------|-------|-----|---------|-------|-----|-----------|-----------------|
| | Results | RL | MDL | Results | RL | MDL | | |
| Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1772559-4 | | | | | | | | |
| Dichlorodifluoromethane | ND | 0.200 | -- | ND | 0.989 | -- | | 1 |
| Chloromethane | ND | 0.200 | -- | ND | 0.413 | -- | | 1 |
| Freon-114 | ND | 0.200 | -- | ND | 1.40 | -- | | 1 |
| Vinyl chloride | ND | 0.200 | -- | ND | 0.511 | -- | | 1 |
| 1,3-Butadiene | ND | 0.200 | -- | ND | 0.442 | -- | | 1 |
| Bromomethane | ND | 0.200 | -- | ND | 0.777 | -- | | 1 |
| Chloroethane | ND | 0.200 | -- | ND | 0.528 | -- | | 1 |
| Ethanol | ND | 5.00 | -- | ND | 9.42 | -- | | 1 |
| Vinyl bromide | ND | 0.200 | -- | ND | 0.874 | -- | | 1 |
| Acetone | ND | 1.00 | -- | ND | 2.38 | -- | | 1 |
| Trichlorofluoromethane | ND | 0.200 | -- | ND | 1.12 | -- | | 1 |
| Isopropanol | ND | 0.500 | -- | ND | 1.23 | -- | | 1 |
| 1,1-Dichloroethene | ND | 0.200 | -- | ND | 0.793 | -- | | 1 |
| Tertiary butyl Alcohol | ND | 0.500 | -- | ND | 1.52 | -- | | 1 |
| Methylene chloride | ND | 0.500 | -- | ND | 1.74 | -- | | 1 |
| 3-Chloropropene | ND | 0.200 | -- | ND | 0.626 | -- | | 1 |
| Carbon disulfide | ND | 0.200 | -- | ND | 0.623 | -- | | 1 |
| Freon-113 | ND | 0.200 | -- | ND | 1.53 | -- | | 1 |
| trans-1,2-Dichloroethene | ND | 0.200 | -- | ND | 0.793 | -- | | 1 |
| 1,1-Dichloroethane | ND | 0.200 | -- | ND | 0.809 | -- | | 1 |
| Methyl tert butyl ether | ND | 0.200 | -- | ND | 0.721 | -- | | 1 |
| 2-Butanone | ND | 0.500 | -- | ND | 1.47 | -- | | 1 |
| cis-1,2-Dichloroethene | ND | 0.200 | -- | ND | 0.793 | -- | | 1 |
| Ethyl Acetate | ND | 0.500 | -- | ND | 1.80 | -- | | 1 |
| Chloroform | ND | 0.200 | -- | ND | 0.977 | -- | | 1 |



Project Name: FORMER QUICK AND CLEAN

Lab Number: L2321179

Project Number: 19470

Report Date: 05/01/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 04/28/23 16:47

| Parameter | ppbV | | | ug/m3 | | | Qualifier | Dilution Factor |
|---|---------|-------|-----|---------|-------|-----|-----------|-----------------|
| | Results | RL | MDL | Results | RL | MDL | | |
| Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1772559-4 | | | | | | | | |
| Tetrahydrofuran | ND | 0.500 | -- | ND | 1.47 | -- | | 1 |
| 1,2-Dichloroethane | ND | 0.200 | -- | ND | 0.809 | -- | | 1 |
| n-Hexane | ND | 0.200 | -- | ND | 0.705 | -- | | 1 |
| 1,1,1-Trichloroethane | ND | 0.200 | -- | ND | 1.09 | -- | | 1 |
| Benzene | ND | 0.200 | -- | ND | 0.639 | -- | | 1 |
| Carbon tetrachloride | ND | 0.200 | -- | ND | 1.26 | -- | | 1 |
| Cyclohexane | ND | 0.200 | -- | ND | 0.688 | -- | | 1 |
| 1,2-Dichloropropane | ND | 0.200 | -- | ND | 0.924 | -- | | 1 |
| Bromodichloromethane | ND | 0.200 | -- | ND | 1.34 | -- | | 1 |
| 1,4-Dioxane | ND | 0.200 | -- | ND | 0.721 | -- | | 1 |
| Trichloroethene | ND | 0.200 | -- | ND | 1.07 | -- | | 1 |
| 2,2,4-Trimethylpentane | ND | 0.200 | -- | ND | 0.934 | -- | | 1 |
| Heptane | ND | 0.200 | -- | ND | 0.820 | -- | | 1 |
| cis-1,3-Dichloropropene | ND | 0.200 | -- | ND | 0.908 | -- | | 1 |
| 4-Methyl-2-pentanone | ND | 0.500 | -- | ND | 2.05 | -- | | 1 |
| trans-1,3-Dichloropropene | ND | 0.200 | -- | ND | 0.908 | -- | | 1 |
| 1,1,2-Trichloroethane | ND | 0.200 | -- | ND | 1.09 | -- | | 1 |
| Toluene | ND | 0.200 | -- | ND | 0.754 | -- | | 1 |
| 2-Hexanone | ND | 0.200 | -- | ND | 0.820 | -- | | 1 |
| Dibromochloromethane | ND | 0.200 | -- | ND | 1.70 | -- | | 1 |
| 1,2-Dibromoethane | ND | 0.200 | -- | ND | 1.54 | -- | | 1 |
| Tetrachloroethene | ND | 0.200 | -- | ND | 1.36 | -- | | 1 |
| Chlorobenzene | ND | 0.200 | -- | ND | 0.921 | -- | | 1 |
| Ethylbenzene | ND | 0.200 | -- | ND | 0.869 | -- | | 1 |
| p/m-Xylene | ND | 0.400 | -- | ND | 1.74 | -- | | 1 |



Project Name: FORMER QUICK AND CLEAN

Lab Number: L2321179

Project Number: 19470

Report Date: 05/01/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 04/28/23 16:47

| Parameter | ppbV | | | ug/m3 | | | Qualifier | Dilution Factor |
|---|---------|-------|-----|---------|-------|-----|-----------|-----------------|
| | Results | RL | MDL | Results | RL | MDL | | |
| Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1772559-4 | | | | | | | | |
| Bromoform | ND | 0.200 | -- | ND | 2.07 | -- | | 1 |
| Styrene | ND | 0.200 | -- | ND | 0.852 | -- | | 1 |
| 1,1,2,2-Tetrachloroethane | ND | 0.200 | -- | ND | 1.37 | -- | | 1 |
| o-Xylene | ND | 0.200 | -- | ND | 0.869 | -- | | 1 |
| 4-Ethyltoluene | ND | 0.200 | -- | ND | 0.983 | -- | | 1 |
| 1,3,5-Trimethylbenzene | ND | 0.200 | -- | ND | 0.983 | -- | | 1 |
| 1,2,4-Trimethylbenzene | ND | 0.200 | -- | ND | 0.983 | -- | | 1 |
| Benzyl chloride | ND | 0.200 | -- | ND | 1.04 | -- | | 1 |
| 1,3-Dichlorobenzene | ND | 0.200 | -- | ND | 1.20 | -- | | 1 |
| 1,4-Dichlorobenzene | ND | 0.200 | -- | ND | 1.20 | -- | | 1 |
| 1,2-Dichlorobenzene | ND | 0.200 | -- | ND | 1.20 | -- | | 1 |
| 1,2,4-Trichlorobenzene | ND | 0.200 | -- | ND | 1.48 | -- | | 1 |
| Hexachlorobutadiene | ND | 0.200 | -- | ND | 2.13 | -- | | 1 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER QUICK AND CLEAN

Lab Number: L2321179

Project Number: 19470

Report Date: 05/01/23

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|--|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1772559-3 | | | | | | | | |
| Dichlorodifluoromethane | 89 | | - | | 70-130 | - | | |
| Chloromethane | 77 | | - | | 70-130 | - | | |
| Freon-114 | 81 | | - | | 70-130 | - | | |
| Vinyl chloride | 76 | | - | | 70-130 | - | | |
| 1,3-Butadiene | 82 | | - | | 70-130 | - | | |
| Bromomethane | 82 | | - | | 70-130 | - | | |
| Chloroethane | 73 | | - | | 70-130 | - | | |
| Ethanol | 88 | | - | | 40-160 | - | | |
| Vinyl bromide | 76 | | - | | 70-130 | - | | |
| Acetone | 76 | | - | | 40-160 | - | | |
| Trichlorofluoromethane | 97 | | - | | 70-130 | - | | |
| Isopropanol | 95 | | - | | 40-160 | - | | |
| 1,1-Dichloroethene | 87 | | - | | 70-130 | - | | |
| Tertiary butyl Alcohol | 93 | | - | | 70-130 | - | | |
| Methylene chloride | 97 | | - | | 70-130 | - | | |
| 3-Chloropropene | 96 | | - | | 70-130 | - | | |
| Carbon disulfide | 87 | | - | | 70-130 | - | | |
| Freon-113 | 93 | | - | | 70-130 | - | | |
| trans-1,2-Dichloroethene | 82 | | - | | 70-130 | - | | |
| 1,1-Dichloroethane | 85 | | - | | 70-130 | - | | |
| Methyl tert butyl ether | 96 | | - | | 70-130 | - | | |
| 2-Butanone | 92 | | - | | 70-130 | - | | |
| cis-1,2-Dichloroethene | 86 | | - | | 70-130 | - | | |

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER QUICK AND CLEAN

Lab Number: L2321179

Project Number: 19470

Report Date: 05/01/23

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|--|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1772559-3 | | | | | | | | |
| Ethyl Acetate | 82 | | - | | 70-130 | - | | |
| Chloroform | 99 | | - | | 70-130 | - | | |
| Tetrahydrofuran | 91 | | - | | 70-130 | - | | |
| 1,2-Dichloroethane | 93 | | - | | 70-130 | - | | |
| n-Hexane | 87 | | - | | 70-130 | - | | |
| 1,1,1-Trichloroethane | 94 | | - | | 70-130 | - | | |
| Benzene | 92 | | - | | 70-130 | - | | |
| Carbon tetrachloride | 111 | | - | | 70-130 | - | | |
| Cyclohexane | 89 | | - | | 70-130 | - | | |
| 1,2-Dichloropropane | 88 | | - | | 70-130 | - | | |
| Bromodichloromethane | 102 | | - | | 70-130 | - | | |
| 1,4-Dioxane | 95 | | - | | 70-130 | - | | |
| Trichloroethene | 93 | | - | | 70-130 | - | | |
| 2,2,4-Trimethylpentane | 90 | | - | | 70-130 | - | | |
| Heptane | 100 | | - | | 70-130 | - | | |
| cis-1,3-Dichloropropene | 110 | | - | | 70-130 | - | | |
| 4-Methyl-2-pentanone | 105 | | - | | 70-130 | - | | |
| trans-1,3-Dichloropropene | 97 | | - | | 70-130 | - | | |
| 1,1,2-Trichloroethane | 98 | | - | | 70-130 | - | | |
| Toluene | 97 | | - | | 70-130 | - | | |
| 2-Hexanone | 114 | | - | | 70-130 | - | | |
| Dibromochloromethane | 109 | | - | | 70-130 | - | | |
| 1,2-Dibromoethane | 112 | | - | | 70-130 | - | | |

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER QUICK AND CLEAN

Project Number: 19470

Lab Number: L2321179

Report Date: 05/01/23

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|--|--------------------------|-------------|---------------------------|-------------|-----------------------------|------------|-------------|-----------------------|
| Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1772559-3 | | | | | | | | |
| Tetrachloroethene | 103 | | - | | 70-130 | - | | |
| Chlorobenzene | 107 | | - | | 70-130 | - | | |
| Ethylbenzene | 104 | | - | | 70-130 | - | | |
| p/m-Xylene | 106 | | - | | 70-130 | - | | |
| Bromoform | 113 | | - | | 70-130 | - | | |
| Styrene | 110 | | - | | 70-130 | - | | |
| 1,1,2,2-Tetrachloroethane | 105 | | - | | 70-130 | - | | |
| o-Xylene | 107 | | - | | 70-130 | - | | |
| 4-Ethyltoluene | 107 | | - | | 70-130 | - | | |
| 1,3,5-Trimethylbenzene | 96 | | - | | 70-130 | - | | |
| 1,2,4-Trimethylbenzene | 112 | | - | | 70-130 | - | | |
| Benzyl chloride | 92 | | - | | 70-130 | - | | |
| 1,3-Dichlorobenzene | 110 | | - | | 70-130 | - | | |
| 1,4-Dichlorobenzene | 108 | | - | | 70-130 | - | | |
| 1,2-Dichlorobenzene | 109 | | - | | 70-130 | - | | |
| 1,2,4-Trichlorobenzene | 109 | | - | | 70-130 | - | | |
| Hexachlorobutadiene | 107 | | - | | 70-130 | - | | |

Project Name: FORMER QUICK AND CLEAN

Project Number: 19470

Serial_No:05012316:52
Lab Number: L2321179

Report Date: 05/01/23

Canister and Flow Controller Information

| Samplenum | Client ID | Media ID | Media Type | Date Prepared | Bottle Order | Cleaning Batch ID | Can Leak Check | Initial Pressure (in. Hg) | Pressure on Receipt (in. Hg) | Flow Controller Leak Chk | Flow Out mL/min | Flow In mL/min | % RPD |
|-------------|-----------|----------|------------|---------------|--------------|-------------------|----------------|---------------------------|------------------------------|--------------------------|-----------------|----------------|-------|
| L2321179-01 | EFFLUENT | 3337 | 6.0L Can | 04/11/23 | 420477 | L2317106-04 | Pass | -30.0 | -3.5 | - | - | - | - |

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2317106
Report Date: 05/01/23

Air Canister Certification Results

Lab ID: L2317106-04
 Client ID: CAN 1517 SHELF 32
 Sample Location:

Date Collected: 03/31/23 18:00
 Date Received: 04/01/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 04/02/23 20:21
 Analyst: NFL

| Parameter | ppbV | | | ug/m3 | | | Qualifier | Dilution Factor |
|--|---------|-------|-----|---------|-------|-----|-----------|-----------------|
| | Results | RL | MDL | Results | RL | MDL | | |
| Volatile Organics in Air - Mansfield Lab | | | | | | | | |
| Chlorodifluoromethane | ND | 0.200 | -- | ND | 0.707 | -- | | 1 |
| Propylene | ND | 0.500 | -- | ND | 0.861 | -- | | 1 |
| Propane | ND | 0.500 | -- | ND | 0.902 | -- | | 1 |
| Dichlorodifluoromethane | ND | 0.200 | -- | ND | 0.989 | -- | | 1 |
| Chloromethane | ND | 0.200 | -- | ND | 0.413 | -- | | 1 |
| Freon-114 | ND | 0.200 | -- | ND | 1.40 | -- | | 1 |
| Methanol | ND | 5.00 | -- | ND | 6.55 | -- | | 1 |
| Vinyl chloride | ND | 0.200 | -- | ND | 0.511 | -- | | 1 |
| 1,3-Butadiene | ND | 0.200 | -- | ND | 0.442 | -- | | 1 |
| Butane | ND | 0.200 | -- | ND | 0.475 | -- | | 1 |
| Bromomethane | ND | 0.200 | -- | ND | 0.777 | -- | | 1 |
| Chloroethane | ND | 0.200 | -- | ND | 0.528 | -- | | 1 |
| Ethanol | ND | 5.00 | -- | ND | 9.42 | -- | | 1 |
| Dichlorofluoromethane | ND | 0.200 | -- | ND | 0.842 | -- | | 1 |
| Vinyl bromide | ND | 0.200 | -- | ND | 0.874 | -- | | 1 |
| Acrolein | ND | 0.500 | -- | ND | 1.15 | -- | | 1 |
| Acetone | ND | 1.00 | -- | ND | 2.38 | -- | | 1 |
| Acetonitrile | ND | 0.200 | -- | ND | 0.336 | -- | | 1 |
| Trichlorofluoromethane | ND | 0.200 | -- | ND | 1.12 | -- | | 1 |
| Isopropanol | ND | 0.500 | -- | ND | 1.23 | -- | | 1 |
| Acrylonitrile | ND | 0.500 | -- | ND | 1.09 | -- | | 1 |
| Pentane | ND | 0.200 | -- | ND | 0.590 | -- | | 1 |
| Ethyl ether | ND | 0.200 | -- | ND | 0.606 | -- | | 1 |
| 1,1-Dichloroethene | ND | 0.200 | -- | ND | 0.793 | -- | | 1 |

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2317106
Report Date: 05/01/23

Air Canister Certification Results

Lab ID: L2317106-04
 Client ID: CAN 1517 SHELF 32
 Sample Location:

Date Collected: 03/31/23 18:00
 Date Received: 04/01/23
 Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV | | | ug/m3 | | | Qualifier | Dilution Factor |
|--|---------|-------|-----|---------|-------|-----|-----------|-----------------|
| | Results | RL | MDL | Results | RL | MDL | | |
| Volatile Organics in Air - Mansfield Lab | | | | | | | | |
| Tertiary butyl Alcohol | ND | 0.500 | -- | ND | 1.52 | -- | | 1 |
| Methylene chloride | ND | 0.500 | -- | ND | 1.74 | -- | | 1 |
| 3-Chloropropene | ND | 0.200 | -- | ND | 0.626 | -- | | 1 |
| Carbon disulfide | ND | 0.200 | -- | ND | 0.623 | -- | | 1 |
| Freon-113 | ND | 0.200 | -- | ND | 1.53 | -- | | 1 |
| trans-1,2-Dichloroethene | ND | 0.200 | -- | ND | 0.793 | -- | | 1 |
| 1,1-Dichloroethane | ND | 0.200 | -- | ND | 0.809 | -- | | 1 |
| Methyl tert butyl ether | ND | 0.200 | -- | ND | 0.721 | -- | | 1 |
| Vinyl acetate | ND | 1.00 | -- | ND | 3.52 | -- | | 1 |
| 2-Butanone | ND | 0.500 | -- | ND | 1.47 | -- | | 1 |
| Xylenes, total | ND | 0.600 | -- | ND | 0.869 | -- | | 1 |
| cis-1,2-Dichloroethene | ND | 0.200 | -- | ND | 0.793 | -- | | 1 |
| Ethyl Acetate | ND | 0.500 | -- | ND | 1.80 | -- | | 1 |
| Chloroform | ND | 0.200 | -- | ND | 0.977 | -- | | 1 |
| Tetrahydrofuran | ND | 0.500 | -- | ND | 1.47 | -- | | 1 |
| 2,2-Dichloropropane | ND | 0.200 | -- | ND | 0.924 | -- | | 1 |
| 1,2-Dichloroethane | ND | 0.200 | -- | ND | 0.809 | -- | | 1 |
| n-Hexane | ND | 0.200 | -- | ND | 0.705 | -- | | 1 |
| Diisopropyl ether | ND | 0.200 | -- | ND | 0.836 | -- | | 1 |
| tert-Butyl Ethyl Ether | ND | 0.200 | -- | ND | 0.836 | -- | | 1 |
| 1,2-Dichloroethene (total) | ND | 1.00 | -- | ND | 1.00 | -- | | 1 |
| 1,1,1-Trichloroethane | ND | 0.200 | -- | ND | 1.09 | -- | | 1 |
| 1,1-Dichloropropene | ND | 0.200 | -- | ND | 0.908 | -- | | 1 |
| Benzene | ND | 0.200 | -- | ND | 0.639 | -- | | 1 |
| Carbon tetrachloride | ND | 0.200 | -- | ND | 1.26 | -- | | 1 |
| Cyclohexane | ND | 0.200 | -- | ND | 0.688 | -- | | 1 |
| tert-Amyl Methyl Ether | ND | 0.200 | -- | ND | 0.836 | -- | | 1 |

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2317106
Report Date: 05/01/23

Air Canister Certification Results

Lab ID: L2317106-04
 Client ID: CAN 1517 SHELF 32
 Sample Location:

Date Collected: 03/31/23 18:00
 Date Received: 04/01/23
 Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV | | | ug/m3 | | | Qualifier | Dilution Factor |
|--|---------|-------|-----|---------|-------|-----|-----------|-----------------|
| | Results | RL | MDL | Results | RL | MDL | | |
| Volatile Organics in Air - Mansfield Lab | | | | | | | | |
| Dibromomethane | ND | 0.200 | -- | ND | 1.42 | -- | | 1 |
| 1,2-Dichloropropane | ND | 0.200 | -- | ND | 0.924 | -- | | 1 |
| Bromodichloromethane | ND | 0.200 | -- | ND | 1.34 | -- | | 1 |
| 1,4-Dioxane | ND | 0.200 | -- | ND | 0.721 | -- | | 1 |
| Trichloroethene | ND | 0.200 | -- | ND | 1.07 | -- | | 1 |
| 2,2,4-Trimethylpentane | ND | 0.200 | -- | ND | 0.934 | -- | | 1 |
| Methyl Methacrylate | ND | 0.500 | -- | ND | 2.05 | -- | | 1 |
| Heptane | ND | 0.200 | -- | ND | 0.820 | -- | | 1 |
| cis-1,3-Dichloropropene | ND | 0.200 | -- | ND | 0.908 | -- | | 1 |
| 4-Methyl-2-pentanone | ND | 0.500 | -- | ND | 2.05 | -- | | 1 |
| trans-1,3-Dichloropropene | ND | 0.200 | -- | ND | 0.908 | -- | | 1 |
| 1,1,2-Trichloroethane | ND | 0.200 | -- | ND | 1.09 | -- | | 1 |
| Toluene | ND | 0.200 | -- | ND | 0.754 | -- | | 1 |
| 1,3-Dichloropropane | ND | 0.200 | -- | ND | 0.924 | -- | | 1 |
| 2-Hexanone | ND | 0.200 | -- | ND | 0.820 | -- | | 1 |
| Dibromochloromethane | ND | 0.200 | -- | ND | 1.70 | -- | | 1 |
| 1,2-Dibromoethane | ND | 0.200 | -- | ND | 1.54 | -- | | 1 |
| Butyl acetate | ND | 0.500 | -- | ND | 2.38 | -- | | 1 |
| Octane | ND | 0.200 | -- | ND | 0.934 | -- | | 1 |
| Tetrachloroethene | ND | 0.200 | -- | ND | 1.36 | -- | | 1 |
| 1,1,1,2-Tetrachloroethane | ND | 0.200 | -- | ND | 1.37 | -- | | 1 |
| Chlorobenzene | ND | 0.200 | -- | ND | 0.921 | -- | | 1 |
| Ethylbenzene | ND | 0.200 | -- | ND | 0.869 | -- | | 1 |
| p/m-Xylene | ND | 0.400 | -- | ND | 1.74 | -- | | 1 |
| Bromoform | ND | 0.200 | -- | ND | 2.07 | -- | | 1 |
| Styrene | ND | 0.200 | -- | ND | 0.852 | -- | | 1 |
| 1,1,2,2-Tetrachloroethane | ND | 0.200 | -- | ND | 1.37 | -- | | 1 |

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2317106
Report Date: 05/01/23

Air Canister Certification Results

Lab ID: L2317106-04
 Client ID: CAN 1517 SHELF 32
 Sample Location:

Date Collected: 03/31/23 18:00
 Date Received: 04/01/23
 Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV | | | ug/m3 | | | Qualifier | Dilution Factor |
|--|---------|-------|-----|---------|-------|-----|-----------|-----------------|
| | Results | RL | MDL | Results | RL | MDL | | |
| Volatile Organics in Air - Mansfield Lab | | | | | | | | |
| o-Xylene | ND | 0.200 | -- | ND | 0.869 | -- | | 1 |
| 1,2,3-Trichloropropane | ND | 0.200 | -- | ND | 1.21 | -- | | 1 |
| Nonane | ND | 0.200 | -- | ND | 1.05 | -- | | 1 |
| Isopropylbenzene | ND | 0.200 | -- | ND | 0.983 | -- | | 1 |
| Bromobenzene | ND | 0.200 | -- | ND | 0.793 | -- | | 1 |
| 2-Chlorotoluene | ND | 0.200 | -- | ND | 1.04 | -- | | 1 |
| n-Propylbenzene | ND | 0.200 | -- | ND | 0.983 | -- | | 1 |
| 4-Chlorotoluene | ND | 0.200 | -- | ND | 1.04 | -- | | 1 |
| 4-Ethyltoluene | ND | 0.200 | -- | ND | 0.983 | -- | | 1 |
| 1,3,5-Trimethylbenzene | ND | 0.200 | -- | ND | 0.983 | -- | | 1 |
| tert-Butylbenzene | ND | 0.200 | -- | ND | 1.10 | -- | | 1 |
| 1,2,4-Trimethylbenzene | ND | 0.200 | -- | ND | 0.983 | -- | | 1 |
| Decane | ND | 0.200 | -- | ND | 1.16 | -- | | 1 |
| Benzyl chloride | ND | 0.200 | -- | ND | 1.04 | -- | | 1 |
| 1,3-Dichlorobenzene | ND | 0.200 | -- | ND | 1.20 | -- | | 1 |
| 1,4-Dichlorobenzene | ND | 0.200 | -- | ND | 1.20 | -- | | 1 |
| sec-Butylbenzene | ND | 0.200 | -- | ND | 1.10 | -- | | 1 |
| p-Isopropyltoluene | ND | 0.200 | -- | ND | 1.10 | -- | | 1 |
| 1,2-Dichlorobenzene | ND | 0.200 | -- | ND | 1.20 | -- | | 1 |
| n-Butylbenzene | ND | 0.200 | -- | ND | 1.10 | -- | | 1 |
| 1,2-Dibromo-3-chloropropane | ND | 0.200 | -- | ND | 1.93 | -- | | 1 |
| Undecane | ND | 0.200 | -- | ND | 1.28 | -- | | 1 |
| Dodecane | ND | 0.200 | -- | ND | 1.39 | -- | | 1 |
| 1,2,4-Trichlorobenzene | ND | 0.200 | -- | ND | 1.48 | -- | | 1 |
| Naphthalene | ND | 0.200 | -- | ND | 1.05 | -- | | 1 |
| 1,2,3-Trichlorobenzene | ND | 0.200 | -- | ND | 1.48 | -- | | 1 |
| Hexachlorobutadiene | ND | 0.200 | -- | ND | 2.13 | -- | | 1 |

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2317106
Report Date: 05/01/23

Air Canister Certification Results

Lab ID: L2317106-04
 Client ID: CAN 1517 SHELF 32
 Sample Location:

Date Collected: 03/31/23 18:00
 Date Received: 04/01/23
 Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV | | | ug/m3 | | | Qualifier | Dilution Factor |
|--|---------|----|-----|---------|----|-----|-----------|-----------------|
| | Results | RL | MDL | Results | RL | MDL | | |
| Volatile Organics in Air - Mansfield Lab | | | | | | | | |

| Results | Qualifier | Units | RDL | Dilution Factor |
|----------------------------------|-----------|-------|-----|-----------------|
| Tentatively Identified Compounds | | | | |

No Tentatively Identified Compounds

| Internal Standard | % Recovery | Qualifier | Acceptance Criteria |
|---------------------|------------|-----------|---------------------|
| 1,4-Difluorobenzene | 91 | | 60-140 |
| Bromochloromethane | 96 | | 60-140 |
| chlorobenzene-d5 | 90 | | 60-140 |



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2317106
Report Date: 05/01/23

Air Canister Certification Results

Lab ID: L2317106-04
 Client ID: CAN 1517 SHELF 32
 Sample Location:

Date Collected: 03/31/23 18:00
 Date Received: 04/01/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/02/23 20:21
 Analyst: NFL

| Parameter | ppbV | | | ug/m3 | | | Qualifier | Dilution Factor |
|---|---------|-------|-----|---------|-------|-----|-----------|-----------------|
| | Results | RL | MDL | Results | RL | MDL | | |
| Volatile Organics in Air by SIM - Mansfield Lab | | | | | | | | |
| Dichlorodifluoromethane | ND | 0.200 | -- | ND | 0.989 | -- | | 1 |
| Chloromethane | ND | 0.200 | -- | ND | 0.413 | -- | | 1 |
| Freon-114 | ND | 0.050 | -- | ND | 0.349 | -- | | 1 |
| Vinyl chloride | ND | 0.020 | -- | ND | 0.051 | -- | | 1 |
| 1,3-Butadiene | ND | 0.020 | -- | ND | 0.044 | -- | | 1 |
| Bromomethane | ND | 0.020 | -- | ND | 0.078 | -- | | 1 |
| Chloroethane | ND | 0.100 | -- | ND | 0.264 | -- | | 1 |
| Acrolein | ND | 0.050 | -- | ND | 0.115 | -- | | 1 |
| Acetone | ND | 1.00 | -- | ND | 2.38 | -- | | 1 |
| Trichlorofluoromethane | ND | 0.050 | -- | ND | 0.281 | -- | | 1 |
| Acrylonitrile | ND | 0.500 | -- | ND | 1.09 | -- | | 1 |
| 1,1-Dichloroethene | ND | 0.020 | -- | ND | 0.079 | -- | | 1 |
| Methylene chloride | ND | 0.500 | -- | ND | 1.74 | -- | | 1 |
| Freon-113 | ND | 0.050 | -- | ND | 0.383 | -- | | 1 |
| trans-1,2-Dichloroethene | ND | 0.020 | -- | ND | 0.079 | -- | | 1 |
| 1,1-Dichloroethane | ND | 0.020 | -- | ND | 0.081 | -- | | 1 |
| Methyl tert butyl ether | ND | 0.200 | -- | ND | 0.721 | -- | | 1 |
| 2-Butanone | ND | 0.500 | -- | ND | 1.47 | -- | | 1 |
| cis-1,2-Dichloroethene | ND | 0.020 | -- | ND | 0.079 | -- | | 1 |
| Chloroform | ND | 0.020 | -- | ND | 0.098 | -- | | 1 |
| 1,2-Dichloroethane | ND | 0.020 | -- | ND | 0.081 | -- | | 1 |
| 1,1,1-Trichloroethane | ND | 0.020 | -- | ND | 0.109 | -- | | 1 |
| Benzene | ND | 0.100 | -- | ND | 0.319 | -- | | 1 |
| Carbon tetrachloride | ND | 0.020 | -- | ND | 0.126 | -- | | 1 |



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2317106
Report Date: 05/01/23

Air Canister Certification Results

Lab ID: L2317106-04
 Client ID: CAN 1517 SHELF 32
 Sample Location:

Date Collected: 03/31/23 18:00
 Date Received: 04/01/23
 Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV | | | ug/m3 | | | Qualifier | Dilution Factor |
|---|---------|-------|-----|---------|-------|-----|-----------|-----------------|
| | Results | RL | MDL | Results | RL | MDL | | |
| Volatile Organics in Air by SIM - Mansfield Lab | | | | | | | | |
| 1,2-Dichloropropane | ND | 0.020 | -- | ND | 0.092 | -- | | 1 |
| Bromodichloromethane | ND | 0.020 | -- | ND | 0.134 | -- | | 1 |
| 1,4-Dioxane | ND | 0.100 | -- | ND | 0.360 | -- | | 1 |
| Trichloroethene | ND | 0.020 | -- | ND | 0.107 | -- | | 1 |
| cis-1,3-Dichloropropene | ND | 0.020 | -- | ND | 0.091 | -- | | 1 |
| 4-Methyl-2-pentanone | ND | 0.500 | -- | ND | 2.05 | -- | | 1 |
| trans-1,3-Dichloropropene | ND | 0.020 | -- | ND | 0.091 | -- | | 1 |
| 1,1,2-Trichloroethane | ND | 0.020 | -- | ND | 0.109 | -- | | 1 |
| Toluene | ND | 0.100 | -- | ND | 0.377 | -- | | 1 |
| Dibromochloromethane | ND | 0.020 | -- | ND | 0.170 | -- | | 1 |
| 1,2-Dibromoethane | ND | 0.020 | -- | ND | 0.154 | -- | | 1 |
| Tetrachloroethene | ND | 0.020 | -- | ND | 0.136 | -- | | 1 |
| 1,1,1,2-Tetrachloroethane | ND | 0.020 | -- | ND | 0.137 | -- | | 1 |
| Chlorobenzene | ND | 0.100 | -- | ND | 0.461 | -- | | 1 |
| Ethylbenzene | ND | 0.020 | -- | ND | 0.087 | -- | | 1 |
| p/m-Xylene | ND | 0.040 | -- | ND | 0.174 | -- | | 1 |
| Bromoform | ND | 0.020 | -- | ND | 0.207 | -- | | 1 |
| Styrene | ND | 0.020 | -- | ND | 0.085 | -- | | 1 |
| 1,1,2,2-Tetrachloroethane | ND | 0.020 | -- | ND | 0.137 | -- | | 1 |
| o-Xylene | ND | 0.020 | -- | ND | 0.087 | -- | | 1 |
| Isopropylbenzene | ND | 0.200 | -- | ND | 0.983 | -- | | 1 |
| 4-Ethyltoluene | ND | 0.020 | -- | ND | 0.098 | -- | | 1 |
| 1,3,5-Trimethylbenzene | ND | 0.020 | -- | ND | 0.098 | -- | | 1 |
| 1,2,4-Trimethylbenzene | ND | 0.020 | -- | ND | 0.098 | -- | | 1 |
| Benzyl chloride | ND | 0.100 | -- | ND | 0.518 | -- | | 1 |
| 1,3-Dichlorobenzene | ND | 0.020 | -- | ND | 0.120 | -- | | 1 |
| 1,4-Dichlorobenzene | ND | 0.020 | -- | ND | 0.120 | -- | | 1 |

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2317106
Report Date: 05/01/23

Air Canister Certification Results

Lab ID: L2317106-04
 Client ID: CAN 1517 SHELF 32
 Sample Location:

Date Collected: 03/31/23 18:00
 Date Received: 04/01/23
 Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV | | | ug/m3 | | | Qualifier | Dilution Factor |
|---|---------|-------|-----|---------|-------|-----|-----------|-----------------|
| | Results | RL | MDL | Results | RL | MDL | | |
| Volatile Organics in Air by SIM - Mansfield Lab | | | | | | | | |
| sec-Butylbenzene | ND | 0.200 | -- | ND | 1.10 | -- | | 1 |
| p-Isopropyltoluene | ND | 0.200 | -- | ND | 1.10 | -- | | 1 |
| 1,2-Dichlorobenzene | ND | 0.020 | -- | ND | 0.120 | -- | | 1 |
| n-Butylbenzene | ND | 0.200 | -- | ND | 1.10 | -- | | 1 |
| 1,2,4-Trichlorobenzene | ND | 0.050 | -- | ND | 0.371 | -- | | 1 |
| Naphthalene | ND | 0.050 | -- | ND | 0.262 | -- | | 1 |
| 1,2,3-Trichlorobenzene | ND | 0.050 | -- | ND | 0.371 | -- | | 1 |
| Hexachlorobutadiene | ND | 0.050 | -- | ND | 0.533 | -- | | 1 |

| Internal Standard | % Recovery | Qualifier | Acceptance Criteria |
|---------------------|------------|-----------|---------------------|
| 1,4-difluorobenzene | 94 | | 60-140 |
| bromochloromethane | 98 | | 60-140 |
| chlorobenzene-d5 | 92 | | 60-140 |

Project Name: FORMER QUICK AND CLEAN**Lab Number:** L2321179**Project Number:** 19470**Report Date:** 05/01/23**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information**Cooler** **Custody Seal**

NA Absent

Container Information**Container ID** **Container Type**

L2321179-01A Canister - 6 Liter

| Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---------------|-----------------------|---------------------|-----------------------|-------------|-------------|-----------------------------|--------------------|
| NA | NA | | | Y | Absent | | TO15-LL(30) |

Project Name: FORMER QUICK AND CLEAN
Project Number: 19470

Lab Number: L2321179
Report Date: 05/01/23

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: Data Usability Report



Project Name: FORMER QUICK AND CLEAN
Project Number: 19470

Lab Number: L2321179
Report Date: 05/01/23

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. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report



Project Name: FORMER QUICK AND CLEAN
Project Number: 19470

Lab Number: L2321179
Report Date: 05/01/23

Data Qualifiers

- ND** - Not detected at the reporting limit (RL) for the sample.
- 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 QUICK AND CLEAN
Project Number: 19470

Lab Number: L2321179
Report Date: 05/01/23

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

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 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

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

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

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

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

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.

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, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

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

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, 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), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, 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.



AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

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

Project Information

Project Name: *Former Quick and Clean*
 Project Location: *380 Rattaway Turnpike*
 Project #: *19470*
 Project Manager: *Justin Halpern*
 ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)

Date Due: _____ Time: _____

Date Rec'd in Lab: *4/21/23*

ALPHA Job #: *L2321179*

Report Information - Data Deliverables

FAX
 ADEx
 Criteria Checker: _____
(Default based on Regulatory Criteria Indicated)
 Other Formats: _____
 EMAIL (standard pdf report)
 Additional Deliverables: _____
 Report to: (if different than Project Manager)

Billing Information

Same as Client info PO #: *36366*

Regulatory Requirements/Report Limits

| State/Fed | Program | Res / Comm |
|-----------|---------|------------|
| | | |
| | | |
| | | |
| | | |

Client Information

Client: *WRS*
 Address: *17 Old Dock Rd*
Yonkers NY 10980
 Phone: _____
 Fax: _____
 Email: *jhalpern@wrses.com*

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List:

ANALYSIS

- TO-15
- TO-15 SIM
- APH Subtract Non-petroleum HCs
- Fixed Gases
- Sulfides & Mercaptans by TO-15

All Columns Below Must Be Filled Out

| ALPHA Lab ID (Lab Use Only) | Sample ID | COLLECTION | | | | | | | Sample Matrix* | Sampler's Initials | Can Size | ID Can | ID - Flow Controller | Sample Comments (i.e. PID) |
|--------------------------------|-----------------|----------------|--------------|-----------------|----------------|--------------|-----------|-----------|----------------|--------------------|-------------|----------|----------------------|----------------------------|
| | | End Date | Start Time | End Time | Initial Vacuum | Final Vacuum | | | | | | | | |
| <i>21179-01</i> | <i>Effluent</i> | <i>4-12-15</i> | <i>10:45</i> | <i>10:46 Am</i> | <i>30</i> | <i>-2</i> | <i>SV</i> | <i>SP</i> | <i>GL</i> | <i>3557</i> | <i>0218</i> | <i>X</i> | <i>PID @ 0.0ppm</i> | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
 SV = Soil Vapor/Landfill Gas/SVE
 Other = Please Specify

Container Type

| | | | |
|------------------------------|---------------------------|-------------------------|-----------------------------------|
| Relinquished By: <i>OMAN</i> | Date/Time: <i>4/20/23</i> | Received By: <i>AAL</i> | Date/Time: <i>4-20-23 - 10:36</i> |
| <i>SD</i> | <i>4/20/23 1:31 PM</i> | <i>SD</i> | <i>4-20-23 2100</i> |
| <i>SD</i> | <i>4/20/23 2345</i> | <i>SD</i> | <i>4-20-23 2345</i> |
| <i>SD</i> | <i>4/21/23 0445</i> | <i>SD</i> | <i>4-20-23 2345</i> |

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.