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**2021 PERIODIC REVIEW REPORT (PRR)
FORMER SCM - CORTLANDVILLE
839 NYS ROUTE 13
CORTLANDVILLE, NEW YORK 13045
SITE NO.: 712006**

Prepared For:
New York State Department of Environmental Conservation
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TABLE OF CONTENTS

1	INTRODUCTION	1
1.1	Summary of Site	1
2	SITE OVERVIEW.....	1
2.1	Site Location and Description	1
2.2	Site History	2
2.3	Nature and Extent of Contamination.....	2
2.4	Chronology of Site Remedial Program.....	2
2.5	Cleanup and Site Closure Criteria.....	3
3	INSTITUTIONAL AND ENGINEERING CONTROLS.....	4
3.1	Summary of Institutional Controls (ICs)	4
3.2	Summary of Engineering Controls (ECs).....	4
3.2.1	Summary of ECs Operations During Reporting Period	4
3.3	Boundary Modification	5
3.4	Shutdown Test.....	5
4	MONITORING PLAN.....	6
4.1	Monitoring Plan Components.....	6
4.2	Summary of Monitoring Completed During Reporting Period	6
4.2.1	Summary of Monthly Remediation System Sampling	7
4.2.2	Summary of Annual Sampling Event	7
4.3	Monitoring Deficiencies.....	7
5	DATA TRENDS AND REMEDIAL EFFECTIVENESS	8
5.1	Data Summary.....	8
5.2	Remediation System Data Trends	8
5.3	Groundwater Quality Data Trends	9
5.4	Performance and Effectiveness of the ICs/ECs	10
5.5	Contaminant Mass Removal.....	11
6	RECOMMENDATIONS	11
7	REFERENCES	12
8	CERTIFICATION	13

APPENDICES

APPENDIX A: Institutional and Engineering Controls Certification Form

APPENDIX B: Drawings

- Drawing 1: Site Location Plan;
- Drawing 2: Monitoring Well Locations Plan;
- Drawing 3: November 2021 Shallow Wells Groundwater Contours;
- Drawing 4: November 2021 Deep Wells Groundwater Contours.

APPENDIX C: Tables

- Table 1: Field Observations: 2021 Annual Groundwater Sampling Event;
- Table 2: Summary of Groundwater Analytical Results;
- Table 3: Monthly Analytical Results May 2001 – December 2021;
- Table 4: Comparison of TCE Concentrations in Groundwater;
- Table 5: Comparison of TCE Concentrations in SSD/SVE Exhaust.

APPENDIX D: Charts

- Charts 1 - 4: Remediation System TCE Concentrations;
- Charts 5 & 6: TCE Concentrations in Perimeter Shallow Wells;
- Charts 7 & 8: TCE Concentrations in Perimeter Deep Wells;
- Charts 9 & 10: TCE Concentrations in Interior Shallow Wells;
- Charts 11 & 12: TCE Concentrations in Interior Deep Wells;
- Chart 13: TCE Concentrations in Monitoring Well MW-L16;
- Charts 14 & 15: 2017, 2018, 2019, 2020 & 2021 Recovery Well Pumping Rates & Groundwater Elevations;
- Chart 16: SSD/SVE Exhaust TCE Concentrations.

APPENDIX E: Analytical Results from 2021 Annual Sampling Event, November 2021 and December 2021 Monthly Sampling Events

APPENDIX F: SSD/SVE Analytical Results from the 2021 Sampling Event

APPENDIX G: NYSDEC Correspondence and Shutdown Test Report

1 INTRODUCTION

This report provides the basis for review and certification of the groundwater treatment system and the institutional and engineering controls (ICs/ECs) implemented at Site No. 712006. Signed Institutional and Engineering Controls Certification Forms are included in Appendix A.

The Site is currently owned by Cortland Commerce Center, LLC (CCC) and this report is prepared and submitted at the direction of CCC, consistent with the Site's remedial program as approved by the New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH). The reporting period addressed in this report is January 1, 2021 to January 1, 2022.

1.1 Summary of Site

Former manufacturing activities at the Site resulted in contamination of soil and groundwater with chlorinated organic solvents, primarily trichloroethylene (TCE) and its decomposition products. In 1986, the contaminant plume was found to extend approximately 1.5 miles downgradient (north) of the Site. The potential contaminant sources identified included a 3,000-gallon aboveground storage tank (AST) that formerly contained TCE, a 20,000-gallon underground storage tank (UST) that formerly contained tramp oil and four areas of stained surface soil associated with past material handling practices. Additionally, a former tumbling area was identified within the building footprint (adjacent to monitoring well MW-L16).

Remedial measures implemented at the Site have included installing a soil vapor extraction (SVE) system and a groundwater pump and treat system. The SVE system was activated in 1990 and subsequently dismantled at an unknown date between 1996 and 1998. The groundwater remediation system was in operation during this reporting period. In June 1994, the Classification of the Site was changed from 2 to 4 (site properly closed – required continued management).

2 SITE OVERVIEW

2.1 Site Location and Description

The Site is located at 839 NYS Route 13, Town of Cortlandville, County of Cortland and State of New York (Appendix B, Drawing No. 1).

The Site is currently approximately 46 acres in size. The Site boundaries have been modified multiple times to remove parcels which were not impacted by the contamination. The Site is developed with a one-story building occupying approximately 415,000 square feet. The building is utilized for office space, warehouse storage and manufacturing. The remainder of the Site consists of employee parking areas, several small outbuildings, treated water infiltration lagoons and vacant undeveloped land.

The Site is bordered on the north by Lime Hollow Road and a predominately residential area. It is bordered on the east by NYS Route 13 and a predominately commercial area. It is bordered on the south by a cemetery and the JM Murray Center (formerly part of the

Smith Corona complex). It is bordered on the west by a mixture of undeveloped land, agricultural land and some residential properties.

2.2 Site History

The Site was formerly owned and operated by Smith Corona Corporation (SCC), previously known as SCM Corporation (SCM). SCC utilized the Site for the purposes of manufacturing typewriters. Trichloroethylene (TCE) was used on the Site by SCC during manufacturing processes.

In 1999, S. C. W. P., LLC. (SCWP) purchased land and buildings from SCC and assumed operational responsibilities for the groundwater remediation system.

Cortland Commerce Center, LLC. (CCC) purchased the Site in May of 2010 from SCWP and assumed operational responsibilities for the groundwater remediation system.

2.3 Nature and Extent of Contamination

The Site overlies the Otter Creek/Dry Creek aquifer. Town of Cortlandville municipal water wells are located approximately 2,300 feet west of the Site and the City of Cortland municipal water wells are located approximately 1.5 miles north-northeast of the Site.

In or around 1986 a plume of contaminated groundwater was detected during the investigation of an unrelated petroleum spill. This plume extended from the Site approximately 1.5 miles downgradient (generally north) toward the City of Cortland municipal well field. The contaminants in this plume were identified as TCE and related decomposition products.

In accordance with the 1989 Settlement Agreement, monitoring of off-site groundwater contamination has been conducted periodically by the NYSDEC, Cortland County Soil and Water Conservation District and the Cortland County Health Department.

2.4 Chronology of Site Remedial Program

The remediation system, consisting of a recovery well, aeration tower, pipeline, rock cascade and an infiltration lagoon system, remains in place and has not been modified since its original construction.

A brief summary of the Site remediation activities undertaken over the past 25 years is presented below¹:

- October 1986 - March 1987: Use of TCE was discontinued. Various ASTs and USTs containing TCE, tramp oil, fuel oil and muriatic acid were removed. Visibly contaminated soil encountered during the tank work was also removed. In addition, four areas of stained soil related to past material handling practices were excavated and disposed of off-site.
- January 1989: The Settlement Agreement for remediation of the Site was signed between the NYSDEC, other parties, and SCC on January 12, 1989.

- September – December 1989: Approval of the remediation Phase I design was obtained from the NYSDEC on September 22, 1989. Phase I consisted of investigation, design, construction and installation of a groundwater recovery well. The groundwater recovery well came on-line on December 29, 1989. The water from the recovery well was utilized for non-contact cooling purposes and discharged into an existing sewer line until the Phase II system could be completed.
- May 1990: Approval of the remediation Phase II design was obtained from the NYSDEC on May 29, 1990. Phase II included installation of a SVE system and groundwater remediation system. The groundwater remediation system consisted of an air stripping column (aeration tower), distribution piping (water from recovery well to the air stripper and from the air stripper to the rock cascade and infiltration lagoons), a rock cascade and engineered infiltration lagoons.
- August 1990: The SVE system came on-line.
- October 1990: The groundwater remediation system came on-line.
- 1996-1998: At an unknown date, the SVE system was shut down and decommissioned. GeoLogic has not located or reviewed documentation related to the shutdown of the SVE system.
- 1997-1998: At an unknown date, the well monitoring frequency was reduced to annual. GeoLogic has not located or reviewed documentation related to the modification of the sampling frequency.
- April 1999: SCWP purchased the SCC land and buildings and assumed operational responsibilities for the groundwater remediation system.
- May 2001: With the permission of the NYSDEC, the stripping tower blower was turned off. The influent TCE concentration had reduced to the point that the tower was able to reduce TCE levels adequately to meet discharge limits without forced airflow. Sampling frequency for the tower influent, tower discharge and outfall cascade was increased from quarterly to monthly.
- December 2008: a former tumbling area was identified within the building footprint and a groundwater monitoring well (MW-L16) was installed in this area.
- May 2010: CCC purchased the SCWP land and buildings and assumed operational responsibilities for the groundwater remediation system.
- January 2012: A sub-slab depressurization (SSD)/SVE system was energized in the former tumbling area located adjacent to monitoring well MW-L16.

2.5 Cleanup and Site Closure Criteria

The site-wide groundwater cleanup criteria for the Site are the New York State Class GA groundwater quality standards. Currently, the standard for TCE is 5 micrograms per liter (µg/L).

Site wells are required to be monitored until all wells meet the clean-up criteria. When all wells meet the clean-up criteria, the remediation system may be shut-down.

Groundwater monitoring will continue for a period of five years after the remedial system is shut-down. If at any time during the post-remediation monitoring period any of the samples exceed the site-wide clean-up criteria, the system will be restarted. For the first two years, post-remediation monitoring will occur quarterly, then semi-annual for the next two years and finally once in the fifth year. If the remedial system must be restarted for any reason, the five-year post shut-down monitoring program will be restarted once the site-wide clean-up criteria has been re-achieved.

3 INSTITUTIONAL AND ENGINEERING CONTROLS

Signed Institutional and Engineering Controls Certification Forms are included in Appendix A.

3.1 Summary of Institutional Controls (ICs)

No ICs are identified in the Settlement Agreement or Record of Decision.

3.2 Summary of Engineering Controls (ECs)

The ECs implemented at the Site are described below:

- A groundwater remediation system consisting of an air stripping column (aeration tower), distribution piping (water from recovery well to the aeration tower and from the aeration tower to the infiltration lagoons) and an engineered rock cascade and infiltration lagoons has been operating at the Site since 1990.

Periodic monitoring of system performance is performed. The system will continue to operate until groundwater quality meets the clean-up criteria for the Site. It should also be noted that although not required to be operated at present, the blowers (primary and back up) for the air stripper must remain in place and in good working order.

3.2.1 Summary of ECs Operations During Reporting Period

Site Monitoring & Groundwater Treatment System

The groundwater remediation system has operated without major breakdown during this reporting period. The pumping rate was checked during monthly sampling events and the average flow rate for the year was 451 gallons per minute (gpm), which is less than the design standard of 700 to 1,000 gpm². Routine maintenance on system components has been performed on an as-needed basis. Charts 14 and 15, located in Appendix D, depict a comparison of recovery well groundwater elevations and pumping rates for 2017 through 2021.

Both the primary and back-up blowers were energized and determined to be operational on December 21, 2021.

During the annual sampling event, all wells except MW-2D and MW-4S were in good working order and able to be sampled. The PVC riser at MW-4S remains broken and MW-2D remains blocked at a depth of approximately 50 feet below ground surface. Quarterly monitoring of well MW-10D continues to supplement the monitoring of conditions at the down gradient property boundary.

Sub-Slab Depressurization (SSD)/Soil Vapor Extraction (SVE) System

The SSD/SVE system, installed in the vicinity of the former tumbling pit, has operated without major breakdown during this reporting period. The system consists of a single extraction point (well MW-L16) connected at a Gast Model R6P350A regenerative blower that extracts 218 cubic feet per minute (cfm) of vapor from under and around the former tumbling pit. Routine maintenance has been performed on system components on an as-needed basis.

A sample of the system emissions was obtained on November 18, 2021. The TCE concentration was reported at 2,600 $\mu\text{g}/\text{m}^3$. The 2021 concentration is a 85.6% decline from the initial concentration of 18,000 $\mu\text{g}/\text{m}^3$ detected in the sample collected on January 10, 2012. The analytical results continue to demonstrate that the system has been and remains effective in removing residual contamination from under and around the former tumbling pit. Table 5 and Chart 16 located in Appendix C and Appendix D respectively, depict the TCE concentrations observed in the SSD/SVE exhaust samples collected since the system was energized in January 2012. The 2021 SSD/SVE analytical results are included in Appendix F.

3.3 Boundary Modification

In March 2018, the NYSDEC approved a boundary modification for the Site. CCC petitioned the NYSDEC to modify the Site boundary given the specified parcel was not directly involved with the original contamination, was only used as a parking lot and consisted of a small percentage of the overall Site. The parcel is in the northeast quadrant of the Site and consists of 1.955 acres. The parcel was combined with another parcel, 1.550 acres in size, previously removed from the Site in 2008 to form the new Lot 3. Lot 3 is 3.505 acres in size. After the boundary modification, the Site is 46.226 acres in size.

3.4 Shutdown Test

A shutdown test of the groundwater extraction and treatment system (GWETS) was completed at the Site during this reporting period. The Shutdown Test was completed consistent with the NYSDEC & NYSDOH approved work plan. The purpose of the Shutdown Test was to assess groundwater conditions at the Site under non-pumping conditions. The GWETS was shutdown on March 17, 2021 and returned to service on May 20, 2021. The findings of the shutdown were presented in GeoLogic's report entitled "Shutdown Test Report", and dated September 16, 2021. In summary, no changes in groundwater contaminant concentrations were observed during the Shutdown Test and

no exceedances were observed in any of the groundwater samples analyzed. A copy of the Shutdown Test Report is included in Appendix G.

In their letter, dated December 20, 2021, the NYSDEC and NYSDOH accepted the recommendations in the report. In summary, the GWETS can be discontinued for a period of two years. The recommendations also detailed the groundwater monitoring required. A copy of the December 20, 2021 letter is included in Appendix G.

4 MONITORING PLAN

4.1 Monitoring Plan Components

In their letter dated, March 7, 2018, the NYSDEC approved modification of the annual groundwater sampling recommended in the 2017 PRR prepared for the Site. The modification resulted in monitoring wells MW-2S, MW-4S, MW-4D, MW-5S, MW-5D, MW-9 and MW-12D being sampled biennially (every other year). All wells, including the aforementioned wells, were sampled in 2021.

For this reporting period, monitoring at the Site consists of monthly sampling of the groundwater remediation system, quarterly monitoring of MW-10D and annual sampling of seventeen (17) groundwater monitoring wells (locations depicted on Drawing No. 2, Appendix B). Sampling event data trends and supporting charts are discussed in Section 5.

4.2 Summary of Monitoring Completed During Reporting Period

The following sampling events have taken place during this reporting period:

- Annual Sampling of Groundwater Monitoring Wells (11/15/2021):
 - Interior Shallow Wells: MW-6, MW-7, MW-8, MW-11 and MW-12S;
 - Interior Deep Wells: MW-9 and MW-12D;
 - Perimeter Shallow Wells: MW-1S, MW-2S, MW-4S (no sample – damaged), MW-5S and MW-10S;
 - Perimeter Deep Wells: MW-1D, MW-2D (no sample – damaged), MW-4D, MW-5D and MW-10D;
 - Facility Well: MW-L16 (installed in 2008);
- Quarterly Monitoring of MW-10D (February 2021, August 2021 and November 2021 annual sampling). Note: MW-10D not sampled in May 2021 due to Shutdown Test.
- Monthly Groundwater Remediation System (30 total samples in 2021):
 - No monthly sampling in April or May due to Shutdown Test.
 - Treatment System Influent (10 samples in 2021);
 - Tower Discharge (10 samples in 2021);
 - Cascade Outfall (10 samples in 2021).

- Shutdown Test Monitoring (43 groundwater monitoring well samples):
 - Please refer to the Shutdown Test Report in Appendix G for additional details.

All groundwater samples were submitted for analysis to Life Science Laboratories, Inc. (LSL). LSL Central Lab is located at 5854 Butternut Drive, East Syracuse, New York. The groundwater samples were analyzed for specific Volatile Organic Compounds (VOCs) (1,1,1-Trichloroethane, 1,1-Dichloroethene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, Trichloroethene, Tetrachloroethene and Vinyl Chloride) utilizing EPA Method 8260B.

4.2.1 Summary of Monthly Remediation System Sampling

Each month, excluding during the Shutdown Test, samples are collected at the Tower Influent, Tower Discharge and Cascade Outfall. The pumping rate is also recorded during each monthly sampling event. Samples are submitted for laboratory analysis, results are reviewed, and monitoring reports are submitted to the NYSDEC and NYSDOH after each monthly sampling event.

4.2.2 Summary of Annual Sampling Event

The depth to groundwater was measured in all seventeen (17) monitoring wells during the November 15, 2021 annual sampling event. Water level measurements were collected prior to groundwater sampling. Based on recorded water levels, shallow and deep groundwater contour maps were prepared (Drawing No. 3 and No. 4, Appendix B). Generally, the groundwater flow under non-pumping conditions for the Site is to the north-northwest. The recovery well continues to depress the water table sufficiently to influence groundwater flow at the Site.

The field observations, including water levels, for the 2021 annual sampling event are summarized in Table 1, located in Appendix C.

Groundwater samples are submitted for laboratory analysis, the results are reviewed, and the results are detailed in the annual PRR for the Site. The laboratory reports for the 2021 Annual Sampling event and the monthly monitoring results (for November and December 2021) are included in Appendix E. Section 5 below provides an analysis of the data.

The results for the 2021 annual sampling event have been up-loaded to the NYSDEC EQulS database.

4.3 Monitoring Deficiencies

During the annual sampling event (November 15, 2021), the following deficiencies were noted:

- Monitoring well MW-4S remains unable to be sampled due to the PVC riser being broken at a depth of approximately 3 feet bgs. No TCE concentrations above 5 µg/L have ever been observed at this well; the maximum TCE concentration of 2

µg/L was observed in November of 1990 and August of 1991. Water levels will continue to be collected from this well.

- Monitoring well MW-2D remains unable to be sampled due to blockage within the well at a depth of approximately 50 feet bgs. Quarterly monitoring of well MW-10D continues to supplement the monitoring of conditions at the down gradient property boundary.

5 DATA TRENDS AND REMEDIAL EFFECTIVENESS

5.1 Data Summary

Data from the annual groundwater sampling event and monthly remediation system sampling events are summarized in the following tables and charts and are included in Appendix C and Appendix D.

- APPENDIX C: Tables
 - Table 1: Groundwater Sampling Field Observations;
 - Table 2: Summary of Groundwater Analytical Results;
 - Table 3: Monthly Analytical Results May 2001 – December 2021;
 - Table 4: Comparison of TCE Concentrations in Groundwater.
- APPENDIX D: Charts
 - Charts 1 through 4: Remediation System TCE Concentrations;
 - Charts 5 & 6: TCE Concentrations in Perimeter Shallow Wells;
 - Charts 7 & 8: TCE Concentrations in Perimeter Deep Wells;
 - Charts 9 & 10: TCE Concentrations in Interior Shallow Wells;
 - Charts 11 & 12: TCE Concentrations in Interior Deep Wells;
 - Chart 13: TCE Concentrations in MW-L16;
 - Charts 14 & 15: 2017, 2018, 2019, 2020 & 2021 Recovery Well Pumping Rates & Groundwater Elevations;
 - Chart 16: SSD/SVE Exhaust TCE Concentrations.

The monitoring wells are categorized into four (4) groups (Perimeter Shallow, Perimeter Deep, Interior Shallow and Interior Deep). Charts 5 through 12 depict the TCE concentrations for both the last 10 years and 30 years for each well group (Appendix D).

Monitoring well MW-L16 was installed in December 2008 and is located inside the facility adjacent to a former tumbling pit. The data from this well is included in Table 2, located in Appendix C. Chart 13 depicts the TCE concentrations detected in groundwater samples collected from MW-L16 (Appendix D).

5.2 Remediation System Data Trends

A total of ten-monthly sampling events were completed during this reporting period. Each remediation system sampling event consists of collecting samples from three (3) locations: Cascade Outfall, Tower Discharge and Tower Influent. Charts 1 through 3, located in

Appendix D, depict the TCE concentrations for each of the three sample locations from December 2001 to December 2021. As indicated in Charts 1, 2 and 3 the TCE concentration at each of the sample locations exhibits a continued downward trend. The Tower Influent TCE concentration has been below 5 µg/L since May 2019. The Tower Influent TCE concentration was around 1 µg/L for all of 2021. Chart 4, located in Appendix D, depicts the monthly Tower Influent TCE concentrations observed over the last five years (2017 through 2021).

The average TCE concentrations for the 2021 samples are listed below:

- Tower Influent: 1.06 µg/L
- Tower Discharge: 0.34 µg/L
- Cascade Outfall: 0.15 µg/L.

5.3 Groundwater Quality Data Trends

Groundwater quality data trends are broken-down by the four groups of monitoring wells indicated below:

- **Perimeter Shallow Wells (MW-1S, MW-2S, MW-4S, MW-5S and MW-10S)**

Four (4) of the five (5) perimeter shallow wells were sampled in 2021; MW-4S could not be sampled due to the broken PVC riser. All wells sampled were below the TCE cleanup objective of 5 µg/L. All perimeter shallow wells continue to indicate a long-term downward trend. Charts 5 and 6, located in Appendix D, depict 10-Year and 30-Year TCE concentrations for the perimeter shallow wells

- **Perimeter Deep Wells (MW-1D and MW-10D)**

Four (4) of the five (5) perimeter deep wells were sampled in 2021; MW-2D could not be sampled due to a blockage. All wells sampled were below the TCE cleanup objective of 5 µg/L. All perimeter deep wells continue to indicate a long-term downward trend. Charts 7 and 8, located in Appendix D, depict 10-Year and 30-Year TCE concentrations for the perimeter deep wells.

- **Interior Shallow Wells (MW-6, MW-7, MW-8, MW-11 and MW-12S)**

All five (5) interior shallow wells were sampled in 2021. All wells were below the TCE cleanup objective of 5 µg/L. All interior shallow wells continue to indicate a long-term downward trend. Charts 9 and 10, located in Appendix D, depict 10-Year and 30-Year TCE concentrations for the interior shallow wells.

Note: Although not listed as a contaminant of concern cis-1,2-Dichloroethene (DCE) was reported present at 6.04 µg/L in the sample collected from MW-11.

- **Interior Deep Wells (MW-9 and MW-12D)**

Both of the interior deep wells were sampled in 2021. Both wells were below the TCE cleanup objective of 5 µg/L. Both interior deep wells continue to indicate a

long-term downward trend. Charts 11 and 12, located in Appendix D, depict 10-Year and 30-Year TCE Concentrations for the interior deep wells.

Table No. 4, located in Appendix C, compares the highest TCE concentration detected in each of the monitoring wells to the TCE concentration detected during the 2021 annual groundwater sampling event. At wells where the TCE concentrations initially exceeded groundwater standards, the TCE concentrations have decreased by at least 86.5%.

Overall, the TCE concentrations detected in the wells continue to indicate a decreasing trend over a 30-year span since the current groundwater treatment system was activated.

5.4 Performance and Effectiveness of the ICs/ECs

The groundwater remediation system continued to be effective in 2021 as demonstrated by the continued decreasing trend of TCE concentrations in the monitoring wells over time.

It is noted that during the Shutdown Test completed between March 17 and May 20, 2021, no changes in groundwater contaminant concentrations were observed during the Shutdown Test and no exceedances were observed in any of the groundwater samples analyzed.

The groundwater recovery well came on-line on December 29, 1989 and has operated continuously for over 30 years with only routine maintenance. The average withdrawal rate for 2021 was 451 gpm, which is less than the original design standard of 700 to 1,000 gpm². The heat exchanger was cleaned (descaled) in September 2019 and the flow rate increased to over 700 gpm. However, the pumping rates declined from 680 gpm in January 2020 to 438 gpm in December 2021. This decrease may indicate that mineral scale is reaccumulating. Maintenance will continue to be completed on the heat exchanger on an as needed basis.

Recovery well groundwater elevations and pumping rates for 2017, 2018, 2019, 2020 and 2021 are depicted on Charts 13 and 14, located in Appendix D. A correlation between seasonal variation of groundwater elevation and pumping rate is evident. However, the increase in pumping rate observed after the heat exchanger was cleaned in 2019 indicates the decline in pumping rates observed maybe caused, in part, by an accumulation of mineral scale within the system.

As stated in Section 5.3, contaminant concentrations have shown a declining trend over the past 30 years. This is particularly evident at the wells along Lime Hollow Road, the downgradient side of the Site (wells MW-1S & MW-1D, MW-2S & MW-2D, MW-4S & MW-4D, and MW-10S & MW-10D). In 1990, the highest yearly average concentration of TCE in these wells was observed at well cluster MW-10S & MW-10D, 76 µg/L and 36 µg/L, respectively. Over the past three years (2019-2021), the average concentration of TCE was 1.36 µg/L at MW-10S and 1.28 µg/L at MW-10D. This represents a greater than 98% decline at MW-10S and greater than 96% decline at MW-10D over the past 30 years.

Contaminant trends in the interior wells (MW-6, MW-7, MW-8, MW-9, MW-11, MW-12S and MW-12D) echo those along the downgradient boundary. The highest average TCE

concentration in 1989 was 10,000 µg/L at MW-11. Over the past three years (2019-2021), the highest average concentration was 3.16 µg/L at MW-11. This represents a greater than 99.9% decline over the past 30 years.

Given that contaminant concentrations at the Site have declined by an average of greater than 91% over the past 30 years, the system continues to be effective at removing contamination from the subsurface.

5.5 Contaminant Mass Removal

Contaminant mass removal was calculated, for this reporting period, using the following data:

- Average pumping rate = 451 gpm
- Average influent concentration of TCE = 1.06 µg/L
- Density of TCE = 1.465 g/mL

The system removal rates for this reporting period are:

- Total volume of water pumped = 196,407,700 gallons.
- Total mass of TCE removed= 0.79 Kg or 1.74 lb.
- Total volume of TCE removed = 0.54 L or 0.14 gal.

6 RECOMMENDATIONS

In accordance with the Cleanup and Site Closure Criteria listed in Section 2.5, all wells met the clean-up criteria in 2021 and the Groundwater Extraction and Treatment System (GWETS) may be shut down.

It is recommended that the SSDS/SVE system, installed in former tumbling area located adjacent to monitoring well MW-L16, continue to operate.

In accordance with the NYSDEC's letter, dated December 20, 2021, the GWETS was shutdown on January 5, 2022. Also in accordance with the letter the following post-remediation groundwater monitoring will be completed:

- Quarterly groundwater monitoring will continue for a period of two years. During the first three quarterly sampling events each year, 10 monitoring wells (MW-1S, MW-1D, MW-6, MW-7, MW-8, MW-10S, MW-10D, MW-11, MW-12S and MWL-16) will be sampled. During the fourth quarterly sampling event each year all 16 monitoring wells (MW-1S, MW-1D, MW-2S, MW-4D, MW-5S, MW-5D, MW-6, MW-7, MW-8, MW-9, MW-10S, MW-10D, MW-11, MW-12S, MW-12D and MWL-16) will be sampled.
- Monthly groundwater monitoring will be completed for the first six months post GWETS shutdown. The monthly events will occur between the quarterly groundwater monitoring events. 4 monitoring wells (MW-11, MW-12S, MW-1S and MW-10S) will be sampled.

- If at any time during the post-remediation monitoring period any of the samples exceed the site-wide clean-up criteria, the GWETS will be restarted.
- After completing two years of post-remediation groundwater monitoring, the data will be reviewed to determine if any additional monitoring is warranted.

7 REFERENCES

¹2009 *Periodic Review Report*, February 2010, Buck Engineering, LLC.

² *Remediation System As-Built Report*, December 1991, O'Brien & Gere.

³ *Focused Feasibility Study*, May 1988, O'Brien & Gere.

8 CERTIFICATION

Signed Institutional and Engineering Controls Certification Forms are included in Appendix A.

We certify that to the best of our professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in 312.10 of 40 CFR 312. We further certify this report to be factually presented to the best of our knowledge and belief.

Prepared by,

GeoLogic NY, P.C.



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APPENDIX A

INSTITUTIONAL AND ENGINEERING CONTROLS CERTIFICATION FORM



Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form



Site Details

Box 1

Site No. **712006**

Site Name **SCM - Cortlandville**

Site Address: 839 Route 13 South Zip Code: 13045
City/Town: Cortlandville
County: Cortland
Site Acreage: 46.226

Reporting Period: January 01, 2021 to January 01, 2022

YES NO

1. Is the information above correct? ☒ ☐

If NO, include handwritten above or on a separate sheet.

2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period? ☐ ☒

3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))? ☐ ☒

4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period? ☐ ☒

If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.

5. Is the site currently undergoing development? ☐ ☒

Box 2

YES NO

6. Is the current site use consistent with the use(s) listed below? ☒ ☐
Industrial

7. Are all ICs in place and functioning as designed? ☒ ☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

Description of Institutional ControlsParcelOwnerInstitutional Control**95.00-10-01.100**

David Yaman Realty Services

Site Management Plan

Decision Document (ROD), Site Management Plan (SMP).

Box 4**Description of Engineering Controls**ParcelEngineering Control**95.00-10-01.100**

Vapor Mitigation
Groundwater Treatment System
Groundwater Containment

The ROD identified engineering controls required for OU1 (onsite). These controls include the continued operation and maintenance of the groundwater extraction & treatment system until groundwater quality meets the cleanup criteria of 5 ug/L for TCE for all wells.

The groundwater monitoring wells must be sampled at periodic intervals (currently annually). As outlined in 2001 correspondence, the groundwater extraction & treatment system may be operated without the blower component as long as effluent concentrations remain below 5 ug/L for TCE, and with monthly monitoring of the groundwater extraction & treatment system influent & effluent. The blower and a backup blower must remain in place and in working condition. The groundwater extraction system also acts as the onsite groundwater containment system, designed to eliminate contaminant migration offsite.

A Soil Vapor Extraction system was installed as part of the remedial program. The SVE was operational from August 1990 until operation was discontinued sometime after May 1994.

A sub-slab depressurization system (SSDS) is installed in portions of the main warehouse building in the area of the former Tumbling Pit. The SSDS is required to operate continuously.

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and complete.

YES NO

☒ ☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

(a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

(e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES NO

☒ ☐

**IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. 712006

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1, 2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Forrest Ewul, P.C. at Geologic NY, P.C.
print name print business address
P.O. Box 350, Homer, NY 13017

am certifying as Representative of Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.


Signature of Owner, Remedial Party, or Designated Representative
Rendering Certification

1-25-22
Date

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

KENNETH J. TETER, P.E. at K. TETER CONSULTING
print name 32 CLINTON ST., HONER, NY 13077
print business address

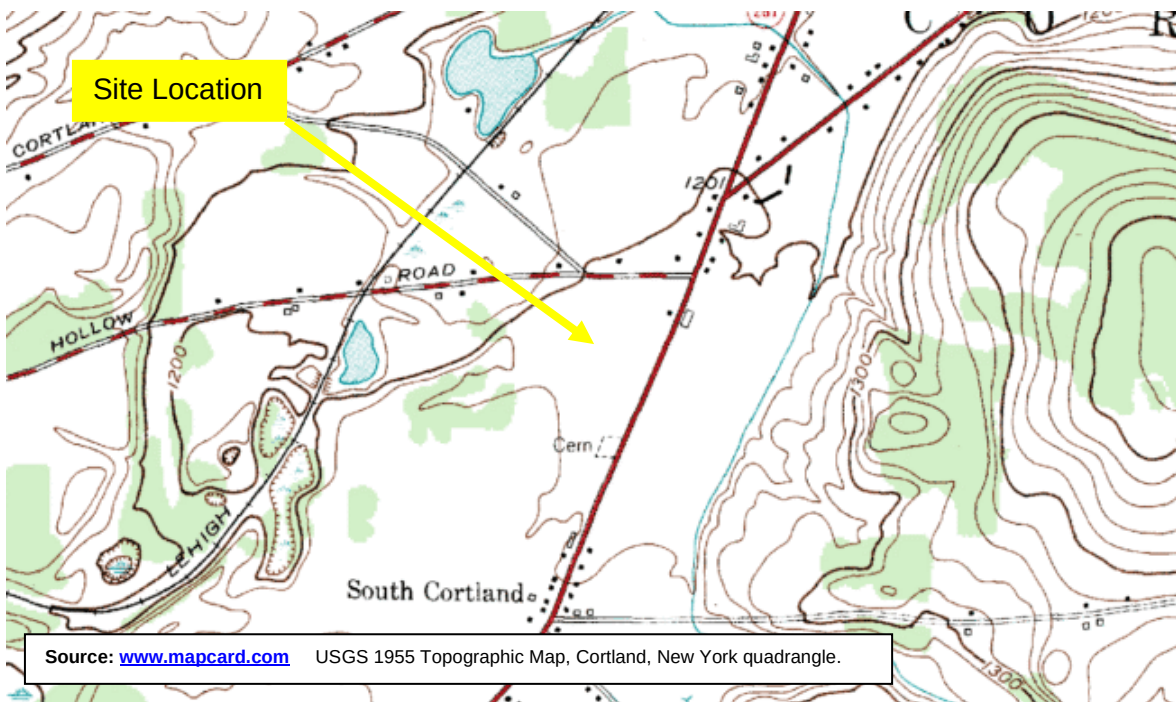
am certifying as a Professional Engineer for the OWNER
(Owner or Remedial Party)

[Signature]
Signature of Professional Engineer, for the Owner or
Remedial Party, Rendering Certification



1/24/22
Date

APPENDIX B
DRAWINGS

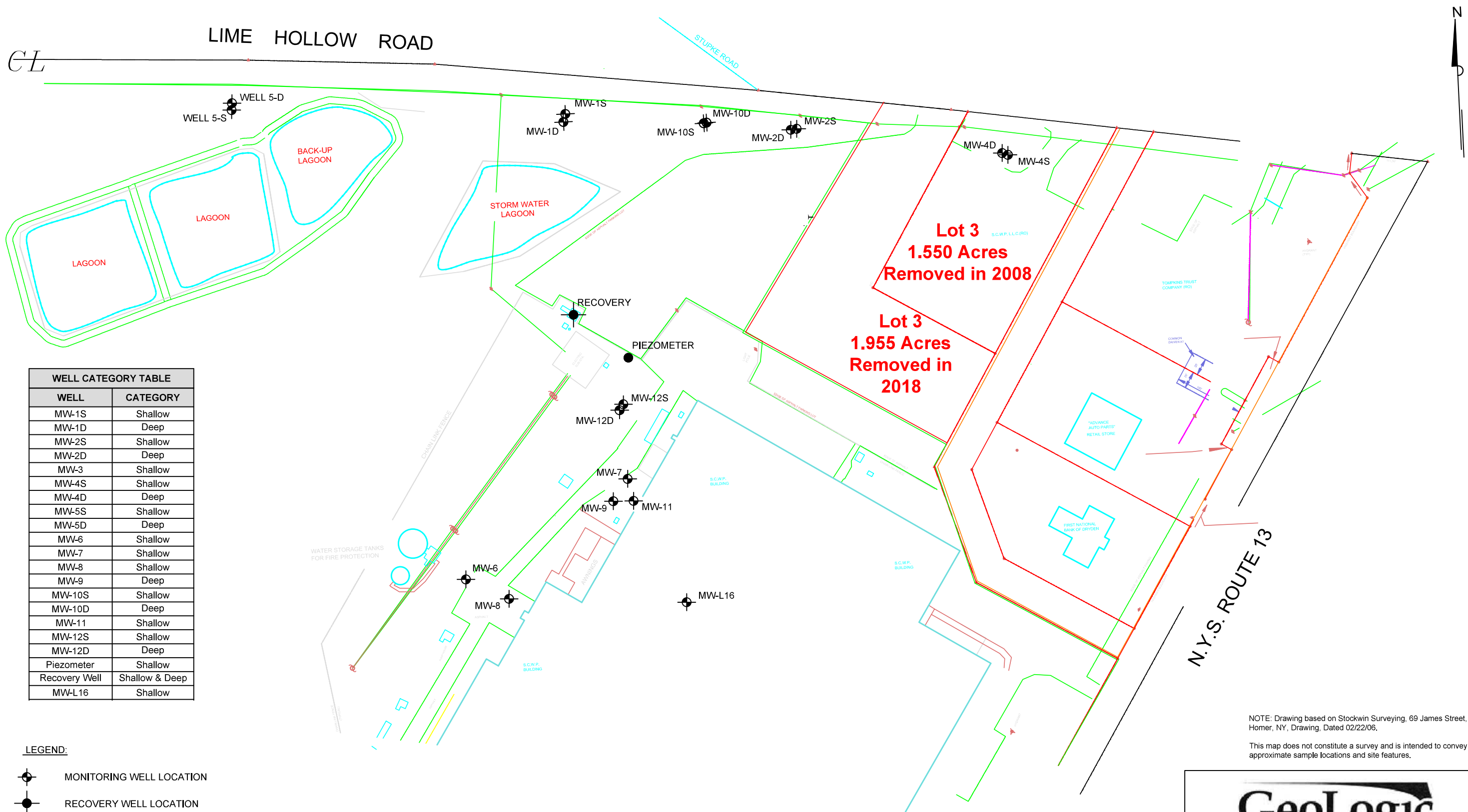


GeoLogic

GeoLogic NY, P.C.

SITE LOCATION PLAN
SITE #: 712006
FORMER SCM-CORTLANDVILLE
839 NYS ROUTE 13, CORTLANDVILLE, NY

DRAWN BY:	SCALE:	PROJECT NO:
CTG	Not To Scale	210087
REVIEWED BY:	DATE:	DRAWING NO:
FCE	DEC. 2021	1



WELL CATEGORY TABLE	
WELL	CATEGORY
MW-1S	Shallow
MW-1D	Deep
MW-2S	Shallow
MW-2D	Deep
MW-3	Shallow
MW-4S	Shallow
MW-4D	Deep
MW-5S	Shallow
MW-5D	Deep
MW-6	Shallow
MW-7	Shallow
MW-8	Shallow
MW-9	Deep
MW-10S	Shallow
MW-10D	Deep
MW-11	Shallow
MW-12S	Shallow
MW-12D	Deep
Piezometer	Shallow
Recovery Well	Shallow & Deep
MW-L16	Shallow

LEGEND:

- MONITORING WELL LOCATION
- RECOVERY WELL LOCATION
- PIEZOMETER LOCATION
- APPROXIMATE SITE BOUNDARY
- LOT 3 APPROXIMATE BOUNDARY
- DELISTED APPROXIMATE BOUNDARY

\\210087\TECH\DRAWINGS\MONITORING WELL LOCATION PLAN

NOTE: Drawing based on Stockwin Surveying, 69 James Street, Homer, NY, Drawing, Dated 02/22/06.

This map does not constitute a survey and is intended to convey approximate sample locations and site features.

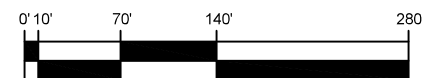
GeoLogic

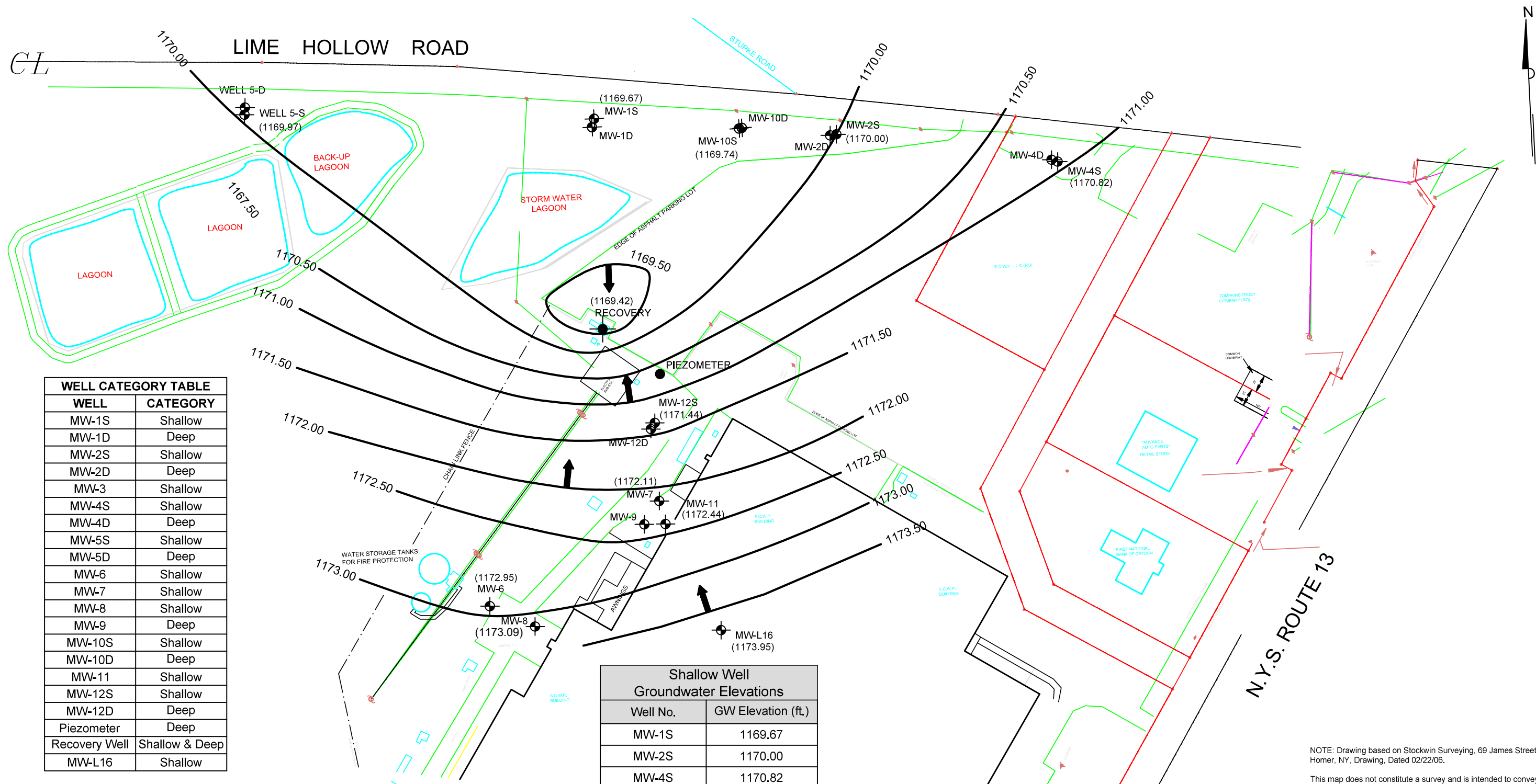
GeoLogic NY, PC, Homer, New York

MONITORING WELL LOCATION PLAN
FORMER SCM-CORTLANDVILLE (NYSDEC SITE NO. 712006)
839 NYS ROUTE 13
CORTLANDVILLE, NEW YORK

DRAWN BY:	SCALE:	PROJECT NO.:
RTS/CTG	AS SHOWN	210087
REVIEWED BY:	DATE:	DRAWING NO.:
FCE	NOV. 2021	2

APPROXIMATE SCALE:

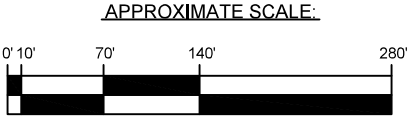




WELL CATEGORY TABLE	
WELL	CATEGORY
MW-1S	Shallow
MW-1D	Deep
MW-2S	Shallow
MW-2D	Deep
MW-3	Shallow
MW-4S	Shallow
MW-4D	Deep
MW-5S	Shallow
MW-5D	Deep
MW-6	Shallow
MW-7	Shallow
MW-8	Shallow
MW-9	Deep
MW-10S	Shallow
MW-10D	Deep
MW-11	Shallow
MW-12S	Shallow
MW-12D	Deep
Piezometer	Deep
Recovery Well	Shallow & Deep
MW-L16	Shallow

Shallow Well Groundwater Elevations	
Well No.	GW Elevation (ft.)
MW-1S	1169.67
MW-2S	1170.00
MW-4S	1170.82
MW-5S	1169.97
MW-6	1172.95
MW-7	1172.11
MW-8	1173.09
MW-10S	1169.74
MW-11	1172.44
MW-12S	1171.44
Recovery Well	1169.42
MW-L16	1173.95

- LEGEND:
- MONITORING WELL LOCATION
 - RECOVERY WELL LOCATION
 - PIEZOMETER LOCATION
 - (1164.99) GROUNDWATER ELEVATION (FT.) FOR 11/15/2021 AND 11/16/2021.
 - 1162.0 GROUNDWATER ELEVATION CONTOUR FOR 11/15/2021 AND 11/16/2021.
 - DIRECTION OF GROUNDWATER FLOW



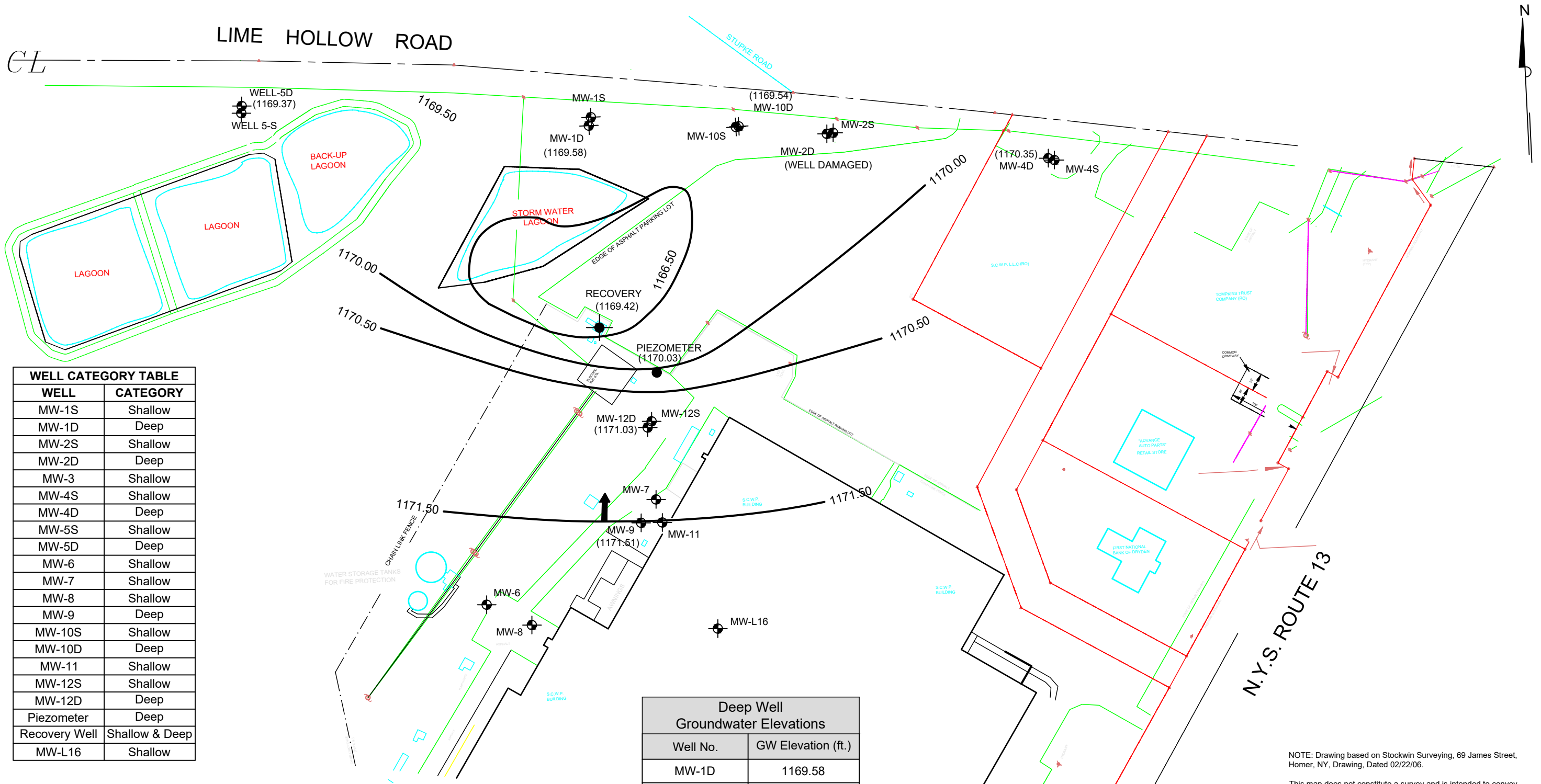
NOTE: Drawing based on Stockwin Surveying, 69 James Street, Homer, NY, Drawing, Dated 02/22/06.

This map does not constitute a survey and is intended to convey approximate sample locations and site features.

GeoLogic NY, PC, Homer, New York

SHALLOW WELL GROUNDWATER CONTOUR MAP
FOR 11/15/2021 AND 11/16/2021
FORMER SCM-CORTLANDVILLE (NYSDEC SITE NO. 712006)
839 NYS ROUTE 13
CORTLANDVILLE, NEW YORK

DRAWN BY:	SCALE:	PROJECT NO.:
RTS/CTG	AS SHOWN	210087
REVIEWED BY:	DATE:	DRAWING NO.:
FCE	NOV. 2021	3

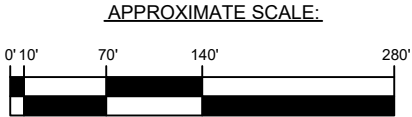


WELL CATEGORY TABLE	
WELL	CATEGORY
MW-1S	Shallow
MW-1D	Deep
MW-2S	Shallow
MW-2D	Deep
MW-3	Shallow
MW-4S	Shallow
MW-4D	Deep
MW-5S	Shallow
MW-5D	Deep
MW-6	Shallow
MW-7	Shallow
MW-8	Shallow
MW-9	Shallow
MW-10S	Shallow
MW-10D	Deep
MW-11	Shallow
MW-12S	Shallow
MW-12D	Deep
Piezometer	Deep
Recovery Well	Shallow & Deep
MW-L16	Shallow

Deep Well Groundwater Elevations	
Well No.	GW Elevation (ft.)
MW-1D	1169.58
MW-2D	-
MW-4D	1170.35
MW-5D	1169.37
MW-9	1171.51
MW-10D	1169.54
MW-12D	1171.03
Piezometer	1170.03
Recovery Well	1169.42

- LEGEND:**
- MONITORING WELL LOCATION
 - RECOVERY WELL LOCATION
 - PIEZOMETER LOCATION
 - (1164.99) GROUNDWATER ELEVATION (FT.) FOR 11/15/2021 AND 11/16/2021.
 - 1162.0 GROUNDWATER ELEVATION CONTOUR FOR 11/15/2021 AND 11/16/2021.
 - DIRECTION OF GROUNDWATER FLOW

\\210087\TECH\DRAWING\DEEP WELL GW CONTOUR MAP 11/15/2021 & 11/16/2021.DWG



NOTE: Drawing based on Stockwin Surveying, 69 James Street, Homer, NY, Drawing, Dated 02/22/06.

This map does not constitute a survey and is intended to convey approximate sample locations and site features.

GeoLogic NY, PC, Homer, New York

DEEP WELL GROUNDWATER CONTOUR MAP
FOR 11/15/21 AND 11/16/21
FORMER SCM-CORTLANDVILLE (NYSDEC SITE NO. 712006)
839 NYS ROUTE 13
CORTLANDVILLE, NEW YORK

DRAWN BY:	SCALE:	PROJECT NO.:
RTS/CTG	AS SHOWN	210087
REVIEWED BY:	DATE:	DRAWING NO.:
FCE	NOV. 2021	4

APPENDIX C

TABLES

TABLE 1.
Field Observations: 2021 Annual Groundwater Sampling Event

Field Observations: Annual Groundwater Sampling Event: November 15, 2021								
Well#	CATEGORY	**TOP PVC ELEVATION	TOP PVC WATER LEVEL (FT)	GW ELEVATION	DEPTH OF WELL (FT)	VOLUME (GAL.) of WATER in WELL	APPROX. VOLUME PURGED (GAL.)	Notes
MW-1S	Shallow -Perimeter	1185.75	16.08	1169.67	39.50	3.7	12	Clear.
MW-1D	Deep - Perimeter	1185.85	16.27	1169.58	70.50	8.7	26	Clear.
MW-2S	Shallow -Perimeter	1210.91	40.91	1170.00	70.20	4.7	14	Clear.
MW-2D	Deep - Perimeter	1211.61	-	-	104.00	-	-	No sample or water level. Well damaged.
MW-4S	Shallow -Perimeter	1209.72	38.90	1170.82	73.79	-	-	No sample, water level only. Well damaged.
MW-4D	Deep - Perimeter	1210.14	39.79	1170.35	104.23	10.3	32	Clear.
MW-5S	Shallow -Perimeter	1178.46	8.49	1169.97	40.00	5.0	15	Cloudy.
MW-5D	Deep - Perimeter	1178.86	9.49	1169.37	71.88	10.0	30	Clear.
MW-6	Shallow - Interior	1211.42	38.47	1172.95	56.50	2.9	9	Very light brown.
MW-7	Shallow - Interior	1211.56	39.45	1172.11	58.75	3.1	10	Clear.
MW-8	Shallow - Interior	1212.76	39.67	1173.09	61.42	3.5	11	Cloudy.
MW-9	Deep - Interior	1211.12	39.61	1171.51	99.00	9.5	32	Clear.
MW-10S	Shallow -Perimeter	1207.23	37.49	1169.74	62.00	3.9	12	Clear.
MW-10D	Deep - Perimeter	1207.52	37.98	1169.54	99.00	9.8	30	Clear.
MW-11	Shallow - Interior	1214.44	42.00	1172.44	59.50	2.8	9	Dark brown, turbid & sheen.
MW-12S	Shallow - Interior	1212.94	41.50	1171.44	62.00	3.3	11	Very light brown.
MW-12D	Deep - Interior	1212.80	41.77	1171.03	89.00	7.6	23	Clear.
MW-L16	Shallow	1212.99	39.04	1173.95	60.00	3.4	10.5	Cloudy.
Piezometer	Deep	1212.59	42.56	1170.03	124.16	N/A	N/A	No sample, water level only.
Recovery Well	Shallow & Deep	1205.62	36.20	1169.42	94.00	N/A	N/A	No sample, water level only.
Notes: ** Top of PVC elevations were determined from survey by Jim Stockwin, LS, 2006. N/A = Not applicable.								

Table 2: Page 1 of 2
Summary of Groundwater Analytical Results

		Aug-89	Feb-90	Aug-90	Nov-90	Feb-91	May-91	Aug-91	Nov-91	Feb-92	May-92	Aug-92	Nov-92	Feb-93	May-93	Aug-93	Nov-93	Feb-94	Jun-94	Sep-94	Nov-94	Feb-95	May-95	Nov-95	May-96	Nov-96	May-97	Nov-97	May-98	Nov-98	Aug-99	Jan-00	Nov-01	Nov-02	Jun-03	Nov-03	Nov-04	Dec-05	Sep-06	Nov-06	May-07	Nov-07	Nov-08	Nov-09	Dec-10	Nov-11	Nov-12	Nov-13	Nov-14	Nov-15	Nov-16	Nov-17	Nov-18	Nov-19	Nov-20	Nov-21																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
MW-1S	TCE		69	<1	47	41	25	17	19	12	9	13	15	2	11	26	3	13	7	19	13	9	11	8	11	5	8	10	11	15	8	7	5	6	8			6	11	6	7	4	3.38	2	5	4	4.20	5.40	5.46	4.69	2.96	5.37	10.10	5.60	1.26	1.01	1.32	2.98																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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	Total VOC's		89	<1	47	41	25	21	23	13	9	15	17	2	13	34	3	13	7	22	15	9	13	8	11	5	8	10	11	16	8	7	5	6	8			6	11	6	7	4	3.38	2	5	4	4.20	5.40	5.59	4.82 J	2.96	5.37	10.37 J	5.74 J	1.26	1.01	1.32	2.98																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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MW-1D	TCE		45	32	<1	25	25	18	19	12	13	13	14	13	12	16	12	13	9	11	12	12	13	7	10	7	8	7	7	8	3	3	1			2	3	5	NS	3	NS	4	5	4	2.70	4.40	5.65	3.49	3.78	4.57	4.53	3.42	1.65	0.72	1.01	1.43																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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	Total VOC's		66	32	<1	25	25	24	24	12	13	14	16	15	16	16	115	17	13	13	10	13	14	14	13	7	11	7	8	7	7	8	3	3	3		2	3	5		3		4	5	4	2.70	4.40	5.85	3.60 J	4.36	4.57	4.53	3.52 J	1.65	0.72	1.01	1.55 J																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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MW-2S	TCE		8	4	5	6	8	6	8	10	5	7	5	5	5	7	7	4	4	4	3	4	4	4	NA	4	NA		3	NA	4	NA	4	2		2	2		2	2	2	2	2	3	2	2	2	1.70	1.80	1.66	1.48	1.27	1.90	1.88	1.77	NS	1.35	NS	1.35																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	TCE Yearly Avg				5				8			6		6		6		6		4		4		4		4		4		3		4	4	2		2	2		2	2		2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	Total VOC's		8	4	5	6	8	6	8	12	5	7	8	5	5	7	7	4	4	4	3	4	4	4	NA	4	NA	3	NA	4	NA	4	2	2	2		2	2	2	2	2	2	3	2	2	2	1.70	1.80	1.66	1.48	1.27	1.90	1.88	1.77	NS	1.35	NS	1.35																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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MW-2D	TCE		11	6	9	8	7	5	7	9	5	5	5	5	3	4	6	3	3	2	3	2	2	3	NA	2	NA	2	NA	1	NA	3	Damaged	Damaged	Damaged		Damaged	Damaged	Damaged	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	TCE Yearly Avg				7				7			5		5		3	4	4			3		3		3		2		2		1	3	Damaged	Damaged	Damaged		Damaged	Damaged	Damaged																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	Total VOC's		12	6	9	8	7	5	7	10	5	5	5	5	3	4	6	3	3	2	6	2	2	3	NA	2	NA	2	NA	1	NA	3	Damaged	Damaged	Damaged		Damaged	Damaged	Damaged																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

Table 2: Page 2 of 2
Summary of Groundwater Analytical Results[illegible]

Table No. 3
Monthly Analytical Results May 2001- December 2021
Former SCM - Cortlandville
Site No. 712006

Sampling Date	Compound	Tower Influent	Tower Discharge	Reg Limit	Outfall at Cascade
5/17/2001	Trichloroethene	19.0	7.6	5	3.5
	Total VOC's	19.0	7.6		3.5
6/4/2001	Trichloroethene	14.0	5.6	5	2.3
	Total VOC's	14.0	5.6		2.3
7/10/2001	Trichloroethene	9.7	3.5	5	1.8
	Total VOC's	9.7	3.5		1.8
8/2/2001	Trichloroethene	13.0	5.4	5	3.0
	Total VOC's	13.0	5.4		3.0
9/7/2001	Trichloroethene	8.3	1.7	5	1.4
	Total VOC's	8.3	1.7		1.4
10/9/2001	Trichloroethene	8.0	ND<1	5	ND<1
	Total VOC's	8.0	ND<1		ND<1
11/13/2001	Trichloroethene	6.0	1.9	5	ND<1
	Total VOC's	6.0	1.9		ND<1
12/13/2001	Trichloroethene	5.7	2.6	5	1.2
	Total VOC's	5.7	2.6		1.2
1/9/2002	Trichloroethene	6.6	3.0	5	1.3
	Total VOC's	6.6	3.0		1.3
2/15/2002	Trichloroethene	9.4	2.6	5	1.6
	Total VOC's	10.6	2.6		1.6
3/8/2002	Trichloroethene	9.9	5.7	5	2.1
	Total VOC's	9.9	5.7		2.1
4/2/2002	Trichloroethene	11.0	4.4	5	2.2
	Total VOC's	11.0	4.4		2.2
5/1/2002	Trichloroethene	13.0	6.7	5	3.4
	Total VOC's	14.1	6.7		3.4
6/24/2002	Trichloroethene	14.0	4.7	5	3.4
	Total VOC's	14.0	4.7		3.4
7/9/2002	Trichloroethene	4.3	1.6	5	ND<1
	Total VOC's	4.3	1.6		1.3
8/12/2002	Trichloroethene	16.0	5.9	5	3.1
	Total VOC's	16.0	5.9		3.1
9/9/2002	Trichloroethene	12.0	3.9	5	1.8
	Total VOC's	12.0	3.9		1.8
10/3/2002	Trichloroethene	11.0	4.1	5	1.3
	Total VOC's	11.0	4.1		1.3
11/14/2002	Trichloroethene	10.0	4.3	5	2.0
	Total VOC's	10.0	4.3		2.0
12/31/2002	Trichloroethene	12.0	5.1	5	2.0
	Total VOC's	12.0	5.1		2.0

Table No. 3
Monthly Analytical Results May 2001- December 2021
Former SCM - Cortlandville
Site No. 712006

Sampling Date	Compound	Tower Influent	Tower Discharge	Reg Limit	Outfall at Cascade
1/13/2003	Trichloroethene	13.0	5.8	5	2.1
	Total VOC's	13.0	5.8		2.1
2/19/2003	Trichloroethene	14.0	5.1	5	2.1
	Total VOC's	14.0	5.1		2.1
3/12/2003	Trichloroethene	14.0	5.9	5	2.2
	Total VOC's	14.0	5.9		2.2
4/9/2003	Trichloroethene	18.0	8.0	5	3.1
	Total VOC's	18.0	8.0		3.1
5/2/2003	Trichloroethene	16.0	5.8	5	3.0
	Total VOC's	16.0	5.8		3.0
6/20/2003	Trichloroethene	18.0	7.2	5	3.4
	Total VOC's	18.0	7.2		3.4
7/1/2003	Trichloroethene	16.0	5.8	5	2.4
	Total VOC's	16.0	5.8		2.4
8/14/2003	Trichloroethene	14.0	4.7	5	2.4
	Total VOC's	14.0	4.7		2.4
9/11/2003	Trichloroethene	9.6	3.5	5	1.8
	Total VOC's	9.6	3.5		1.8
10/2/2003	Trichloroethene	12.0	5.5	5	2.4
	Total VOC's	12.0	5.5		2.4
11/24/2003	Trichloroethene	10.0	1.1	5	1.4
	Total VOC's	10.0	1.1		1.4
12/3/2003	Trichloroethene	13.0	6.5	5	3.0
	Total VOC's	13.0	6.5		3.0
1/5/2004	Trichloroethene	12.0	6.4	5	3.0
	Total VOC's	12.0	6.4		3.0
2/2/2004	Trichloroethene	14.0	7.0	5	3.1
	Total VOC's	14.0	7.0		3.1
3/1/2004	Trichloroethene	13.0	4.8	5	2.0
	Total VOC's	13.0	4.8		2.0
4/2/2004	Trichloroethene	16.0	6.0	5	2.7
	Total VOC's	16.0	6.0		2.7
5/6/2004	Trichloroethene	14.0	5.3	5	2.5
	Total VOC's	14.0	5.3		2.5
6/3/2004	Trichloroethene	12.0	4.9	5	2.5
	Total VOC's	12.0	4.9		2.5
7/1/2004	Trichloroethene	13.0	4.6	5	2.0
	Total VOC's	13.0	4.6		2.0
8/17/2004	Trichloroethene	12.0	4.7	5	1.9
	Total VOC's	12.0	4.7		1.9

Table No. 3
Monthly Analytical Results May 2001- December 2021
Former SCM - Cortlandville
Site No. 712006

Sampling Date	Compound	Tower Influent	Tower Discharge	Reg Limit	Outfall at Cascade
9/7/2004	Trichloroethene	11.0	3.9	5	1.5
	Total VOC's	11.0	3.9		1.5
10/18/2004	Trichloroethene	12.0	2.2	5	2.1
	Total VOC's	12.0	2.2		2.1
11/18/2004	Trichloroethene	13.0	4.6	5	2.2
	Total VOC's	13.0	4.6		2.2
12/8/2004	Trichloroethene	11.0	2.8	5	1.3
	Total VOC's	11.0	2.8		1.3
1/11/2005	Trichloroethene	13.0	6.5	5	2.7
	Total VOC's	13.0	6.5		2.7
2/8/2005	Trichloroethene	9.0	5.0	5	2.0
	Total VOC's	9.0	5.0		2.0
3/3/2005	Trichloroethene	13.0	3.3	5	1.6
	Total VOC's	13.0	3.3		1.6
4/4/2005	Trichloroethene	15.0	6.2	5	2.2
	Total VOC's	15.0	6.2		2.2
5/5/2005	Trichloroethene	11.0	4.5	5	1.9
	Total VOC's	11.0	4.5		1.9
6/8/2005	Trichloroethene	5.6	2.4	5	1.0
	Total VOC's	5.6	2.4		1.0
7/11/2005	Trichloroethene	12.0	4.3	5	2.0
	Total VOC's	12.0	4.3		2.0
8/1/2005	Trichloroethene	9.9	3.5	5	1.7
	Total VOC's	9.9	3.5		1.7
9/6/2005	Trichloroethene	7.2	2.8	5	1.1
	Total VOC's	7.2	2.8		1.1
10/14/2005	Trichloroethene	6.0	2.3	5	ND<1
	Total VOC's	6.0	2.3		ND<1
11/18/2005	Trichloroethene	7.1	3.2	5	1.2
	Total VOC's	7.1	3.2		1.2
12/5/2005	Trichloroethene	7.4	3.1	5	1.2
	Total VOC's	7.4	3.1		1.2
1/3/2006	Trichloroethene	8.9	4.0	5	1.5
	Total VOC's	8.9	4.0		1.5
2/2/2006	Trichloroethene	9.5	4.0	5	1.7
	Total VOC's	9.5	4.0		1.7
3/20/2006	Trichloroethene	9.2	1.6	5	1.1
	Total VOC's	9.2	1.6		1.1
4/19/2006	Trichloroethene	10.0	4.0	5	1.6
	Total VOC's	10.0	4.0		1.6
5/4/2006	Trichloroethene	10.0	3.9	5	1.7
	Total VOC's	10.0	3.9		1.7

Table No. 3
Monthly Analytical Results May 2001- December 2021
Former SCM - Cortlandville
Site No. 712006

Sampling Date	Compound	Tower Influent	Tower Discharge	Reg Limit	Outfall at Cascade
6/2/2006	Trichloroethene	9.6	3.6	5	1.7
	Total VOC's	9.6	3.6		1.7
7/6/2006	Trichloroethene	10.0	4.0	5	1.8
	Total VOC's	10.0	4.0		1.8
8/4/2006	Trichloroethene	10.0	4.2	5	1.7
	Total VOC's	10.0	4.2		1.7
9/5/2006	Trichloroethene	11.0	4.4	5	1.8
	Total VOC's	11.0	4.4		1.8
10/5/2006	Trichloroethene	11.0	4.4	5	1.8
	Total VOC's	11.0	4.4		1.8
11/20/2006	Trichloroethene	10.0	4.2	5	1.9
	Total VOC's	10.0	4.2		1.9
12/6/2006	Trichloroethene	11.0	2.9	5	1.2
	Total VOC's	11.0	2.9		1.2
1/8/2007	Trichloroethene	10.0	4.4	5	1.8
	Total VOC's	10.0	4.4		1.8
2/6/2007	Trichloroethene	12.0	3.1	5	ND<1
	Total VOC's	12.0	3.1		ND<1
3/21/2007	Trichloroethene	11.0	4.6	5	1.8
	Total VOC's	11.0	4.6		1.8
4/5/2007	Trichloroethene	10.0	4.8	5	1.6
	Total VOC's	10.0	4.8		1.6
5/18/2007	Trichloroethene	11.0	4.5	5	2.0
	Total VOC's	11.0	4.5		2.0
6/13/2007	Trichloroethene	12.0	4.3	5	2.0
	Total VOC's	12.0	4.3		2.0
7/9/2007	Trichloroethene	10.0	4.1	5	1.4
	Total VOC's	10.0	4.1		1.4
8/8/2007	Trichloroethene	9.2	3.4	5	1.4
	Total VOC's	9.2	3.4		1.4
9/7/2007	Trichloroethene	6.2	2.4	5	1.0
	Total VOC's	6.2	2.4		1.0
10/4/2007	Trichloroethene	5.9	2.2	5	1.2
	Total VOC's	5.9	2.2		1.2
11/26/2007	Trichloroethene	6.3	2.9	5	1.2
	Total VOC's	6.3	2.9		1.2
12/26/2007	Trichloroethene	10.0	4.8	5	1.9
	Total VOC's	10.0	4.8		3.0

Table No. 3
Monthly Analytical Results May 2001- December 2021
Former SCM - Cortlandville
Site No. 712006

Sampling Date	Compound	Tower Influent	Tower Discharge	Reg Limit	Outfall at Cascade
1/11/2008	Trichloroethene	11.0	5.0	5	2.0
	Total VOC's	11.0	5.0		2.0
2/15/2008	Trichloroethene	8.9	3.5	5	1.3
	Total VOC's	8.9	3.5		1.3
3/24/2008	Trichloroethene	11.0	4.4	5	1.9
	Total VOC's	11.0	4.4		1.9
4/16/2008	Trichloroethene	9.6	3.9	5	1.7
	Total VOC's	9.6	3.9		1.7
5/21/2008	Trichloroethene	10.0	4.8	5	2.0
	Total VOC's	10.0	4.8		2.0
6/26/2008	Trichloroethene	8.5	3.4	5	1.7
	Total VOC's	8.5	3.4		1.7
7/22/2008	Trichloroethene	8.1	3.5	5	1.6
	Total VOC's	8.1	3.5		1.6
8/21/2008	Trichloroethene	6.0	3.0	5	1.3
	Total VOC's	6.0	3.0		1.3
9/18/2008	Trichloroethene	5.9	2.7	5	1.0
	Total VOC's	5.9	2.7		1.0
10/23/2008	Trichloroethene	3.5	2.2	5	<1
	Total VOC's	3.5	2.2		<1
11/26/2008	Trichloroethene	4.0	2.2	5	1.0
	Total VOC's	4.0	2.2		1.0
12/16/2008	Trichloroethene	4.2	2.2	5	1.1
	Total VOC's	4.2	2.2		1.1
1/20/2009	Trichloroethene	6.2	3.5	5	1.5
	Total VOC's	6.2	3.5		1.5
2/23/2009	Trichloroethene	5.0	2.1	5	<1
	Total VOC's	5.0	2.1		<1
3/17/2009	Trichloroethene	5.7	3.6	5	1.5
	Total VOC's	5.7	3.6		1.5
4/16/2009	Trichloroethene	6.0	3.5	5	1.8
	Total VOC's	6.0	3.5		1.8
5/19/2009	Trichloroethene	6.4	3.5	5	1.6
	Total VOC's	6.4	3.5		1.6
6/18/2009	Trichloroethene	6.2	2.8	5	1.6
	Total VOC's	6.2	2.8		1.6
7/14/2009	Trichloroethene	4.3	2.7	5	1.4
	Total VOC's	4.3	2.7		1.4
8/31/2009	Trichloroethene	3.7	1.9	5	1.0
	Total VOC's	3.7	1.9		1.0

Table No. 3
Monthly Analytical Results May 2001- December 2021
Former SCM - Cortlandville
Site No. 712006

Sampling Date	Compound	Tower Influent	Tower Discharge	Reg Limit	Outfall at Cascade
9/24/2009	Trichloroethene	3.7	2.0	5	1.0
	Total VOC's	3.7	2.0		1.0
10/20/2009	Trichloroethene	3.9	2.0	5	1.0
	Total VOC's	3.9	2.0		1.0
11/30/2009	Trichloroethene	3.2	2.2	5	1.0
	Total VOC's	3.2	2.2		1.0
12/29/2009	Trichloroethene	5.1	1.7	5	<1
	Total VOC's	5.1	1.7		<1
1/28/2010	Trichloroethene	5.9	2.7	5	1.3
	Total VOC's	5.9	2.7		1.3
2/24/2010	Trichloroethene	6.9	2.9	5	1.4
	Total VOC's	6.9	2.9		1.4
3/30/2010	Trichloroethene	8.0	3.7	5	1.7
	Total VOC's	8.0	3.7		1.7
4/29/2010	Trichloroethene	8.6	3.5	5	1.7
	Total VOC's	8.6	3.5		1.7
5/27/2010	Trichloroethene	8.5	3.1	5	1.8
	Total VOC's	8.5	3.1		1.8
6/30/2010	Trichloroethene	8.0	3.1	5	1.6
	Total VOC's	8.0	3.1		1.6
7/29/2010	Trichloroethene	6.8	2.5	5	1.2
	Total VOC's	6.8	2.5		1.2
8/31/2010	Trichloroethene	4.6	2.0	5	1.1
	Total VOC's	4.6	2.0		1.1
9/29/2010	Trichloroethene	4.9	1.9	5	1.0
	Total VOC's	4.9	1.9		1.0
10/28/2010	Trichloroethene	5.4	2.2	5	1.0
	Total VOC's	5.4	2.2		1.0
11/29/2010	Trichloroethene	6.4	2.5	5	1.2
	Total VOC's	6.4	2.5		1.2
12/31/2010	Trichloroethene	9.9	3.7	5	1.3
	Total VOC's	9.9	3.7		1.3
1/24/2011	Trichloroethene	9.6	5.1	5	2.3
	Total VOC's	9.6	5.1		2.3
2/25/2011	Trichloroethene	8.0	5.3	5	2.0
	Total VOC's	8.0	5.3		2.0
3/31/2011	Trichloroethene	11.0	4.4	5	2.0
	Total VOC's	11.0	4.4		2.0
4/28/2011	Trichloroethene	11.0	4.1	5	1.9
	Total VOC's	11.0	4.1		1.9

Table No. 3
Monthly Analytical Results May 2001- December 2021
Former SCM - Cortlandville
Site No. 712006

Sampling Date	Compound	Tower Influent	Tower Discharge	Reg Limit	Outfall at Cascade
5/31/2011	Trichloroethene	14.0	4.5	5	2.3
	Total VOC's	14.0	4.5		2.3
6/29/2011	Trichloroethene	12.0	4.5	5	2.2
	Total VOC's	12.0	4.5		2.2
7/29/2011	Trichloroethene	9.9	3.4	5	1.8
	Total VOC's	9.9	3.4		1.8
8/19/2011	Trichloroethene	9.8	3.5	5	1.8
	Total VOC's	9.8	3.5		1.8
9/27/2011	Trichloroethene	8.9	3.2	5	1.5
	Total VOC's	8.9	3.2		1.5
10/26/2011	Trichloroethene	9.7	3.9	5	1.7
	Total VOC's	9.7	3.9		1.7
11/22/2011	Trichloroethene	8.8	3.8	5	1.5
	Total VOC's	8.8	3.8		1.5
12/27/2011	Trichloroethene	10.4	4.3	5	1.7
	Total VOC's	10.7	4.5		1.7
1/27/2012	Trichloroethene	10.3	4.1	5	1.6
	Total VOC's	10.5	4.3		1.6
2/24/2012	Trichloroethene	12.0	5.0	5	2.1
	Total VOC's	12.3	5.2		2.1
3/27/2012	Trichloroethene	11.9	4.7	5	2.0
	Total VOC's	11.9	4.7		2.6
4/23/2012	Trichloroethene	10.2	4.2	5	1.9
	Total VOC's	10.4	4.3		1.9
5/31/2012	Trichloroethene	9.6	3.6	5	1.8
	Total VOC's	9.7	3.7		1.8
6/25/2012	Trichloroethene	8.3	3.4	5	1.4
	Total VOC's	8.4	3.5		1.4
7/26/2012	Trichloroethene	7.7	2.7	5	1.5
	Total VOC's	7.8	2.7		1.5
8/29/2012	Trichloroethene	5.5	2.0	5	0.9
	Total VOC's	5.5	2.0		0.9
9/25/2012	Trichloroethene	5.0	1.9	5	0.8
	Total VOC's	5.0	1.9		0.8
10/29/2012	Trichloroethene	3.8	1.6	5	0.6
	Total VOC's	3.8	1.6		0.6
11/21/2012	Trichloroethene	4.3	1.9	5	0.7
	Total VOC's	4.3	1.9		0.7
12/18/2012	Trichloroethene	4.04	1.71	5	0.74
	Total VOC's	4.04	1.71		0.74

Table No. 3
Monthly Analytical Results May 2001- December 2021
Former SCM - Cortlandville
Site No. 712006

Sampling Date	Compound	Tower Influent	Tower Discharge	Reg Limit	Outfall at Cascade
1/24/2013	Trichloroethene	6.25	1.68	5	1.08
	Total VOC's	6.25	1.68		1.08
2/26/2013	Trichloroethene	6.97	2.83	5	1.17
	Total VOC's	7.10	2.83		1.17
3/21/2013	Trichloroethene	7.91	3.85	5	1.33
	Total VOC's	8.09 J	3.97 J		1.33
4/29/2013	Trichloroethene	7.57	3.08	5	1.36
	Total VOC's	7.73 J	3.18 J		1.36
5/21/2013	Trichloroethene	10.0	3.53	5	1.60
	Total VOC's	10.22 J	3.67 J		1.60
6/26/2013	Trichloroethene	7.42	2.56	5	1.27
	Total VOC's	7.56 J	2.56		1.27
7/29/2013	Trichloroethene	8.50	3.20	5	1.57
	Total VOC's	8.50	3.30 J		1.57
8/27/2013	Trichloroethene	10.60	3.78	5	1.65
	Total VOC's	10.75 J	3.78		1.65
9/25/2013	Trichloroethene	9.47	3.95	5	1.51
	Total VOC's	9.62 J	3.95		1.51
10/25/2013	Trichloroethene	9.23	4.18	5	1.62
	Total VOC's	9.41 J	4.31 J		1.62
11/26/2013	Trichloroethene	8.84	3.89	5	1.51
	Total VOC's	8.84	3.89		1.51
12/26/2013	Trichloroethene	10.00	4.71	5	1.77
	Total VOC's	10.14 J	4.71		1.77
1/29/2014	Trichloroethene	10.50	4.26	5	2.00
	Total VOC's	10.64 J	4.26		2.00
2/24/2014	Trichloroethene	10.90	1.94	5	1.35
	Total VOC's	11.1 J	1.94		1.35
3/28/2014	Trichloroethene	10.60	4.57	5	1.60
	Total VOC's	10.78 J	4.69 J		1.60
4/25/2014	Trichloroethene	11.20	4.34	5	1.62
	Total VOC's	11.35 J	4.34		1.62
5/29/2014	Trichloroethene	9.76	3.51	5	1.44
	Total VOC's	9.76	3.51		1.44
6/24/2014	Trichloroethene	10.40	3.50	5	1.64
	Total VOC's	10.52 J	3.50		1.64
7/23/2014	Trichloroethene	8.78	2.91	5	1.48
	Total VOC's	8.92 J	2.91		1.48
8/27/2014	Trichloroethene	8.10	2.77	5	1.31
	Total VOC's	8.22 J	2.77		1.31

Table No. 3
Monthly Analytical Results May 2001- December 2021
Former SCM - Cortlandville
Site No. 712006

Sampling Date	Compound	Tower Influent	Tower Discharge	Reg Limit	Outfall at Cascade
9/23/2014	Trichloroethene	6.99	2.76	5	1.11
	Total VOC's	6.99	2.76		1.11
10/28/2014	Trichloroethene	6.05	2.20	5	0.86
	Total VOC's	6.05	2.20		0.86
11/20/2014	Trichloroethene	5.93	2.78	5	0.94
	Total VOC's	6.48	2.78		0.94
12/23/2014	Trichloroethene	4.97	1.97	5	0.84
	Total VOC's	4.97	1.97		0.84
1/27/2015	Trichloroethene	6.06	2.18	5	1.18
	Total VOC's	6.06	2.18		1.18
2/18/2015	Trichloroethene	6.05	2.98	5	1.24
	Total VOC's	6.17 J	2.98		1.24
3/27/2015	Trichloroethene	6.20	2.91	5	1.17
	Total VOC's	6.34 J	3.01		1.17
4/23/2015	Trichloroethene	7.85	3.43	5	1.39
	Total VOC's	7.97 J	3.43		1.39
5/28/2015	Trichloroethene	8.03	2.88	5	1.34
	Total VOC's	8.16 J	2.88		1.34
6/23/2015	Trichloroethene	8.57	2.68	5	1.47
	Total VOC's	9.19	2.68		1.47
7/21/2015	Trichloroethene	9.85	3.27	5	1.49
	Total VOC's	9.85	3.27		1.49
8/19/2015	Trichloroethene	8.63	2.72	5	1.37
	Total VOC's	8.83 J	2.84 J		1.37
9/28/2015	Trichloroethene	6.58	2.35	5	1.03
	Total VOC's	6.58	2.35		1.03
10/26/2015	Trichloroethene	6.26	2.41	5	0.93
	Total VOC's	6.26	2.41		0.93
11/25/2015	Trichloroethene	4.68	1.87	5	0.81
	Total VOC's	4.68	1.87		0.81
12/17/2015	Trichloroethene	4.99	2.22	5	0.83
	Total VOC's	4.99	2.22		0.83
1/21/2016	Trichloroethene	4.89	2.77	5	0.95
	Total VOC's	4.89	2.77		0.95
2/29/2016	Trichloroethene	6.79	3.26	5	1.12
	Total VOC's	6.79	3.26		1.12
3/30/2016	Trichloroethene	6.50	2.83	5	1.20
	Total VOC's	6.61 J	2.83		1.20
4/27/2016	Trichloroethene	8.04	3.48	5	1.43
	Total VOC's	8.04	3.48		1.43

Table No. 3
Monthly Analytical Results May 2001- December 2021
Former SCM - Cortlandville
Site No. 712006

Sampling Date	Compound	Tower Influent	Tower Discharge	Reg Limit	Outfall at Cascade
5/26/2016	Trichloroethene	8.38	2.90	5	1.35
	Total VOC's	8.38	2.90		1.35
6/28/2016	Trichloroethene	6.21	2.16	5	1.06
	Total VOC's	6.21	2.16		1.06
7/28/2016	Trichloroethene	4.70	1.67	5	0.74
	Total VOC's	4.70	1.67		0.74
8/29/2016	Trichloroethene	3.71	1.43	5	0.60
	Total VOC's	3.71	1.43		0.60
9/26/2016	Trichloroethene	3.27	1.48	5	0.57
	Total VOC's	3.27	1.48		0.57
10/27/2016	Trichloroethene	2.69	1.30	5	0.54
	Total VOC's	2.69	1.30		0.54
11/16/2016	Trichloroethene	3.36	1.46	5	0.65
	Total VOC's	3.36	1.46		0.65
12/19/2016	Trichloroethene	3.70	2.07	5	0.78
	Total VOC's	3.70	2.07		0.78
1/18/2017	Trichloroethene	5.02	2.90	5	0.98
	Total VOC's	5.12 J	2.90		0.98
2/23/2017	Trichloroethene	5.90	2.81	5	1.12
	Total VOC's	5.90	2.81		1.12
3/24/2017	Trichloroethene	7.15	2.51	5	1.54
	Total VOC's	7.28 J	2.51		1.54
4/25/2017	Trichloroethene	8.87	3.92	5	1.69
	Total VOC's	8.98 J	3.92		1.69
5/31/2017	Trichloroethene	9.32	3.59	5	1.68
	Total VOC's	9.43 J	3.59		1.68
6/26/2017	Trichloroethene	9.37	3.75	5	1.69
	Total VOC's	9.47 J	3.75		1.69
7/24/2017	Trichloroethene	9.50	3.30	5	1.51
	Total VOC's	9.50	3.30		1.51
8/23/2017	Trichloroethene	11.5	4.02	5	1.84
	Total VOC's	11.64 J	4.02		1.84
9/26/2017	Trichloroethene	9.39	3.34	5	1.39
	Total VOC's	9.39	3.34		1.39
10/20/2017	Trichloroethene	7.69	2.97	5	1.15
	Total VOC's	7.79 J	2.97		1.15
11/17/2017	Trichloroethene	7.59	2.30	5	0.77
	Total VOC's	7.71 J	2.30		0.77
12/11/2017	Trichloroethene	7.09	4.21	5	1.43
	Total VOC's	7.21 J	4.21		1.43

Table No. 3
Monthly Analytical Results May 2001- December 2021
Former SCM - Cortlandville
Site No. 712006

Sampling Date	Compound	Tower Influent	Tower Discharge	Reg Limit	Outfall at Cascade
1/12/2018	Trichloroethene	7.39	2.05	5	0.71
	Total VOC's	7.50 J	2.05		0.71
2/21/2018	Trichloroethene	8.08	3.17	5	1.26
	Total VOC's	8.20 J	3.17		1.26
3/16/2018	Trichloroethene	7.75	0.61	5	0.40 J
	Total VOC's	8.14 J	0.61		0.40 J
4/12/2018	Trichloroethene	9.09	3.28	5	1.44
	Total VOC's	9.20 J	3.28		1.44
5/15/2018	Trichloroethene	10.1	3.32	5	1.67
	Total VOC's	10.1	3.32		1.67
6/12/2018	Trichloroethene	10.7	3.62	5	1.65
	Total VOC's	10.7	3.62		1.65
7/20/2018	Trichloroethene	7.80	3.32	5	1.29
	Total VOC's	7.80	3.32		1.29
8/14/2018	Trichloroethene	8.88	2.80	5	1.05
	Total VOC's	8.88	2.80		1.05
9/18/2018	Trichloroethene	6.88	2.58	5	1.07
	Total VOC's	6.88	2.58		1.07
10/16/2018	Trichloroethene	6.70	3.13	5	1.10
	Total VOC's	6.70	3.13		1.10
11/28/2018	Trichloroethene	7.53	0.51	5	0.24 J
	Total VOC's	7.53	0.51		0.24 J
12/18/2018	Trichloroethene	8.52	3.42	5	0.64
	Total VOC's	8.52	3.42		0.64
1/15/2019	Trichloroethene	7.51	4.11	5	1.53
	Total VOC's	7.51	4.11		1.53
2/12/2019	Trichloroethene	7.18	2.56	5	1.00
	Total VOC's	7.18	2.56		1.00
3/20/2019	Trichloroethene	6.34	2.90	5	0.97
	Total VOC's	6.34	2.90		0.97
4/16/2019	Trichloroethene	5.16	2.58	5	1.00
	Total VOC's	5.16	2.58		1.00
5/17/2019	Trichloroethene	4.26	1.58	5	0.64
	Total VOC's	4.26	1.58		0.64
6/18/2019	Trichloroethene	3.10	1.01	5	0.52
	Total VOC's	3.10	1.01		0.52
7/16/2019	Trichloroethene	2.44	0.67	5	0.34 J
	Total VOC's	2.44	0.67		0.34 J
8/16/2019	Trichloroethene	1.73	0.55	5	0.26 J
	Total VOC's	1.73	0.55		0.26 J

Table No. 3
Monthly Analytical Results May 2001- December 2021
Former SCM - Cortlandville
Site No. 712006

Sampling Date	Compound	Tower Influent	Tower Discharge	Reg Limit	Outfall at Cascade
9/13/2019	Trichloroethene	1.01	0.38 J	5	0.17 J
	Total VOC's	1.01	0.38 J		0.17 J
10/15/2019	Trichloroethene	1.43	0.59	5	0.26 J
	Total VOC's	1.43	0.59		0.26 J
11/21/2019	Trichloroethene	1.32	0.57	5	0.26 J
	Total VOC's	1.32	0.57		0.26 J
12/17/2019	Trichloroethene	1.66	0.80	5	0.31 J
	Total VOC's	1.66	0.80		0.31 J
1/14/2020	Trichloroethene	1.35	0.59	5	0.24 J
	Total VOC's	1.35	0.59		0.24 J
2/12/2020	Trichloroethene	1.35	0.61	5	0.27 J
	Total VOC's	1.35	0.61		0.27 J
3/17/2020	Trichloroethene	1.42	0.57	5	0.25 J
	Total VOC's	1.42	0.57		0.25 J
4/24/2020	Trichloroethene	1.21	0.48 J	5	0.13 J
	Total VOC's	1.21	0.48 J		0.13 J
5/19/2020	Trichloroethene	1.70	0.62	5	0.26 J
	Total VOC's	1.70	0.62		0.26 J
6/25/2020	Trichloroethene	1.20	0.40 J	5	0.20 J
	Total VOC's	1.20	0.40 J		0.20 J
7/28/2020	Trichloroethene	1.15	0.39 J	5	0.19 J
	Total VOC's	1.15	0.39 J		0.19 J
8/19/2020	Trichloroethene	1.01	0.41 J	5	0.25 J
	Total VOC's	1.01	0.41 J		0.25 J
9/17/2020	Trichloroethene	1.03	0.37 J	5	0.18 J
	Total VOC's	1.03	0.37 J		0.18 J
10/16/2020	Trichloroethene	1.16	0.20 J	5	0.18 J
	Total VOC's	1.16	0.20 J		0.18 J
11/13/2020	Trichloroethene	1.01	0.43 J	5	0.27 J
	Total VOC's	1.01	0.43 J		0.27 J
12/16/2020	Trichloroethene	1.03	0.28 J	5	0.26 J
	Total VOC's	1.03	0.28 J		0.26 J
1/15/2021	Trichloroethene	1.09	0.15 J	5	ND <0.10
	Total VOC's	1.09	0.15 J		ND <0.10
2/22/2021	Trichloroethene	1.03	0.42 J	5	0.14 J
	Total VOC's	1.03	0.42 J		0.14 J
3/17/2021	Trichloroethene	0.91	0.44 J	5	0.20 J
	Total VOC's	0.91	0.44 J		0.20 J
Recovery Well Off 3/17/2021 to 5/20/2021					

Table No. 3
Monthly Analytical Results May 2001- December 2021
Former SCM - Cortlandville
Site No. 712006

Sampling Date	Compound	Tower Influent	Tower Discharge	Reg Limit	Outfall at Cascade
6/16/2021	Trichloroethene	0.82	0.33 J	5	ND <0.10
	Total VOC's	0.82	0.33 J		ND <0.10
7/22/2021	Trichloroethene	1.13	0.34 J	5	0.13 J
	Total VOC's	1.13	0.34 J		0.13 J
8/18/2021	Trichloroethene	0.99	0.29 J	5	ND <0.10
	Total VOC's	0.99	0.29 J		ND <0.10
9/15/2021	Trichloroethene	1.09	0.35 J	5	0.11 J
	Total VOC's	1.09	0.35 J		0.11 J
10/14/2021	Trichloroethene	1.02	0.34 J	5	0.14 J
	Total VOC's	1.02	0.34 J		0.14 J
11/16/2021	Trichloroethene	1.63	0.59	5	0.17 J
	Total VOC's	1.63	0.59		0.17 J
12/16/2021	Trichloroethene	0.86	0.13 J	5	0.13 J
	Total VOC's	0.86	0.13 J		0.13 J

Note: All results in µg/L.

Table 4:
Comparison of TCE Concentrations in Groundwater

Well #	Highest TCE Concentration ¹	Date Highest TCE Observed ²	Nov. 2021 TCE Concentration ³	Highest TCE vs. Nov. 2021 % Change ⁴
Perimeter Shallow Wells				
MW-1S	69	Aug-1989	2.98	-95.68%
MW-2S	10	Nov-1991	1.35	-86.50%
MW-4S	2	Nov-1990 & Aug-1991	NS - Damaged	NA
MW-5S	3	Nov-1990	0.29	-90.33%
MW-10S	200	Aug-1989	1.20	-99.40%
Perimeter Deep Wells				
MW-1D	45	Aug-1989	1.43	-96.82%
MW-2D	11	Aug-1989	NS - Damaged	NA
MW-4D	1	Aug-1990	0.61	-39.00%
MW-5D	5	Nov-1990	1.41	-71.80%
MW-10D	71	Aug-1989	1.24	-98.25%
Interior Shallow Wells				
MW-6	230	Aug-1989	2.24	-99.03%
MW-7	290	Feb-1990	2.22	-99.23%
MW-8	240	Aug-1989	0.90	-99.63%
MW-11	10,000	Aug-1989	4.02	-99.96%
MW-12S	280	Aug-1990	2.32	-99.17%
Interior Deep Wells				
MW-9	33	May-1993	0.94	-97.15%
MW-12D	45	May-1992	1.43	-96.82%
Facility Well (Installed 2008)				
MW-L16	41	Nov-2008	1.56	-96.20%

Notes:

All concentrations in parts per billion (ppb).

Highlighted cell indicated decrease in TCE Concentration.

¹ Highest TCE concentration observed, per Table 2.

² Date the highest TCE concentration was observed, per Table 2.

³ TCE concentration detected in November 2021, per Table 2.

⁴ Percent change in TCE concentration between highest concentration and November 2021.

NA = Not Applicable.

ND = Not detected at the reporting limit.

NS = Not sampled.

Table 5:
Comparison of TCE Concentrations in SSD/SVE Exhaust Samples

TCE Concentrations in SSD/SVE Exhaust Samples		
Sample Date	TCE Concentration ¹	TCE Concentration % Change vs. Jan. 2012 ²
1/10/2012	18,000	NA
5/31/2012	3,500	-80.6%
11/27/2012	3,200	-82.2%
11/26/2013	10,000	-44.4%
11/17/2014	2,700	-85.0%
11/1/2015	780	-95.7%
11/15/2016	2,200	-87.8%
12/11/2017	3,300	-81.7%
11/28/2018	2,600	-85.6%
11/20/2019	8,100	-55.0%
11/13/2020	1,700	-90.6%
11/18/2021	2,600	-85.6%

Notes:

All TCE concentrations in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$).

¹ TCE concentration detected in SSD/SVE exhaust samples.

² Percent change in TCE concentration vs. January 2012.

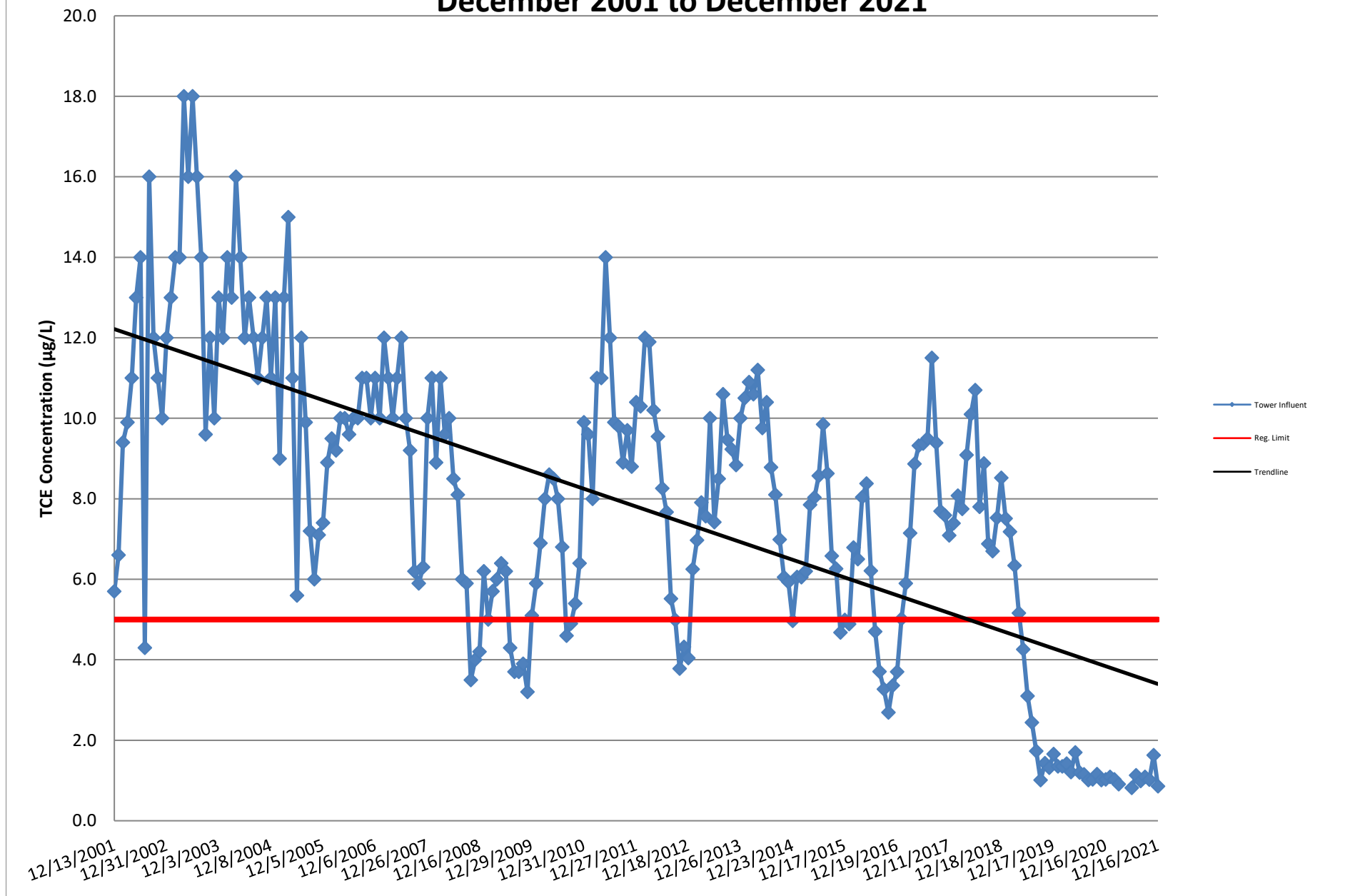
NA = Not Applicable.

SSD/SVE system energized in January 2012.

APPENDIX D

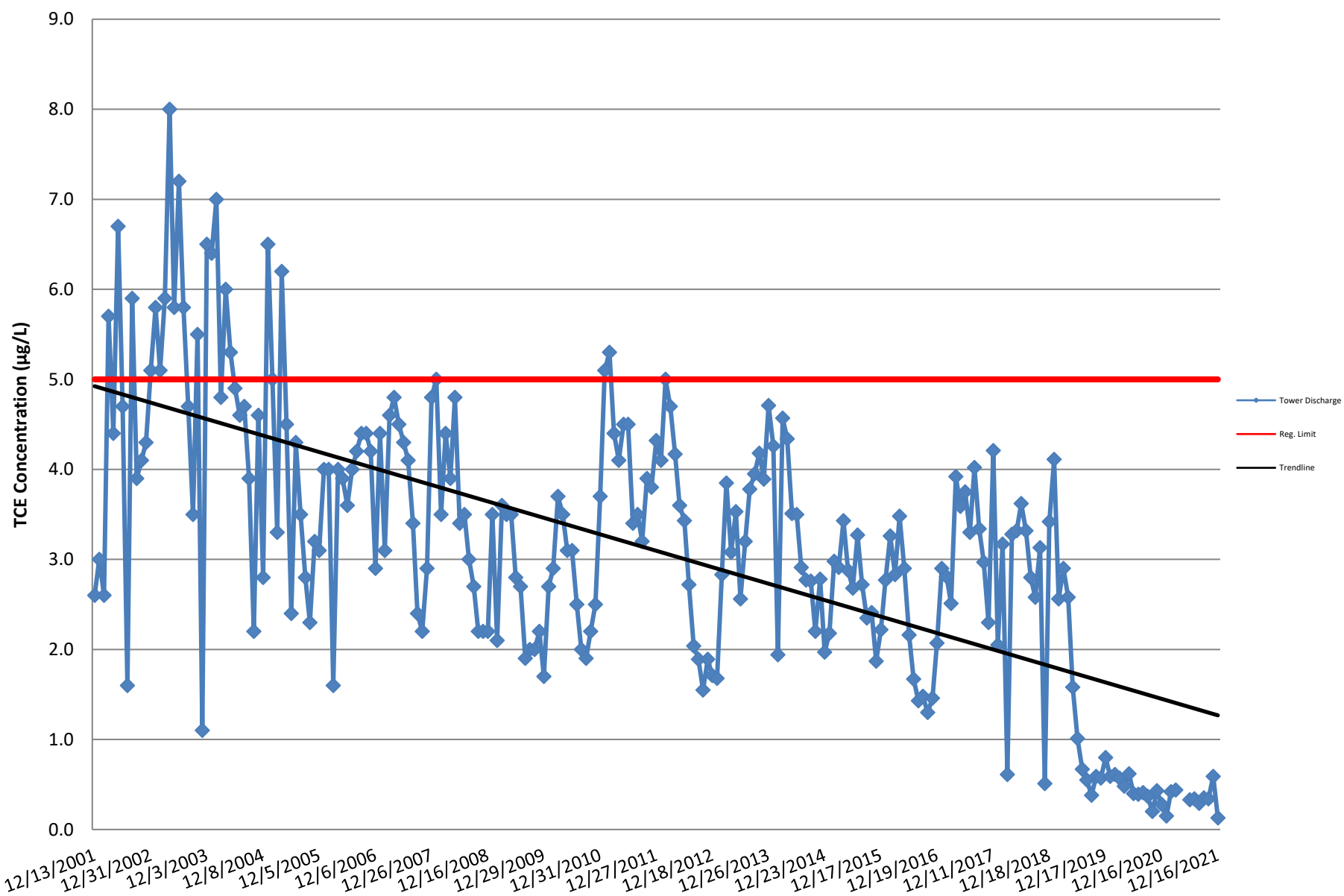
CHARTS

**Chart 1: Tower Influent TCE Concentrations (µg/L)
December 2001 to December 2021**



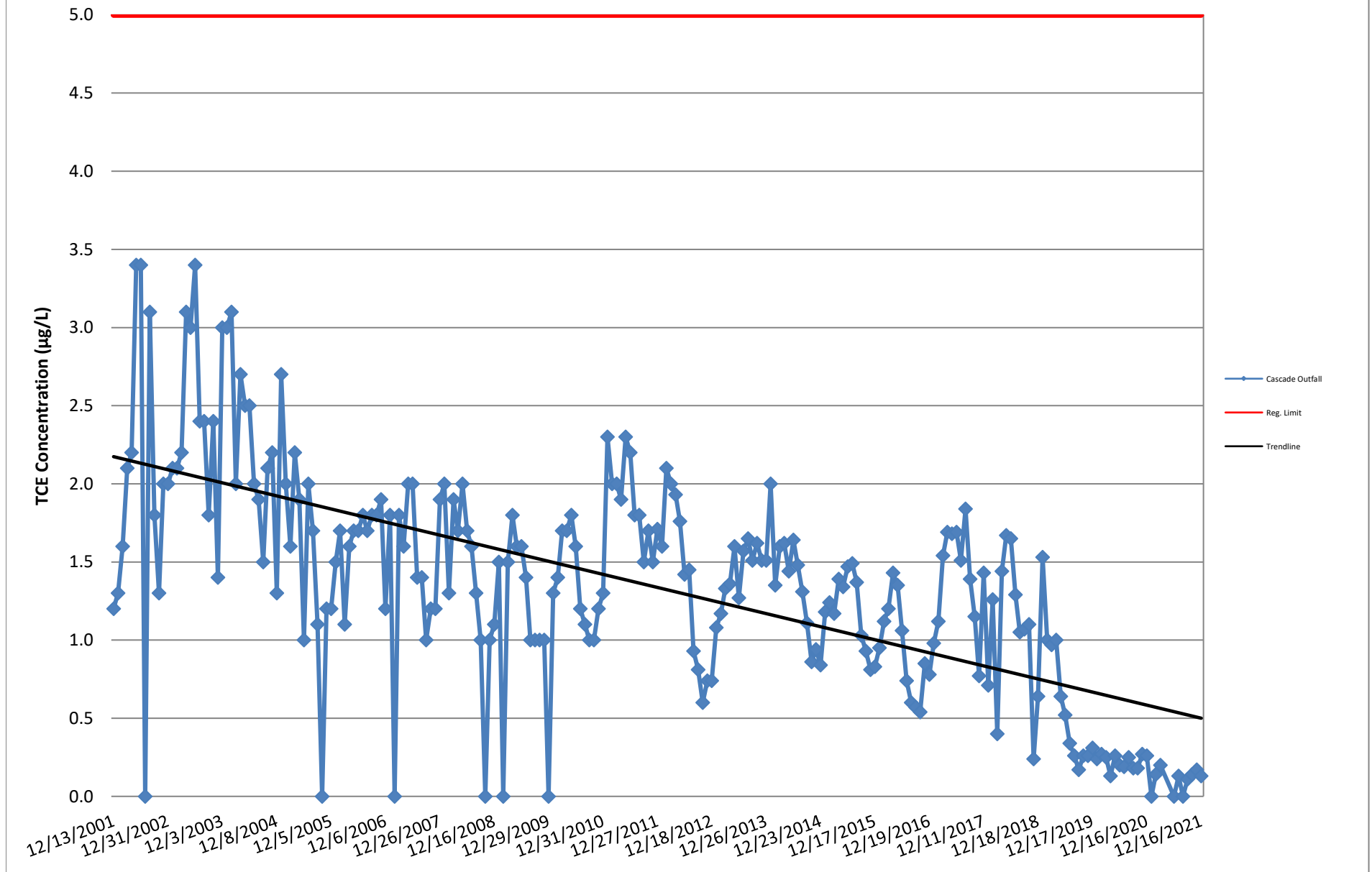
Former SCM - Cortlandville
Site No. 712006
2021 PRR

Chart 2: Tower Discharge TCE Concentrations (µg/L) December 2001 to December 2021



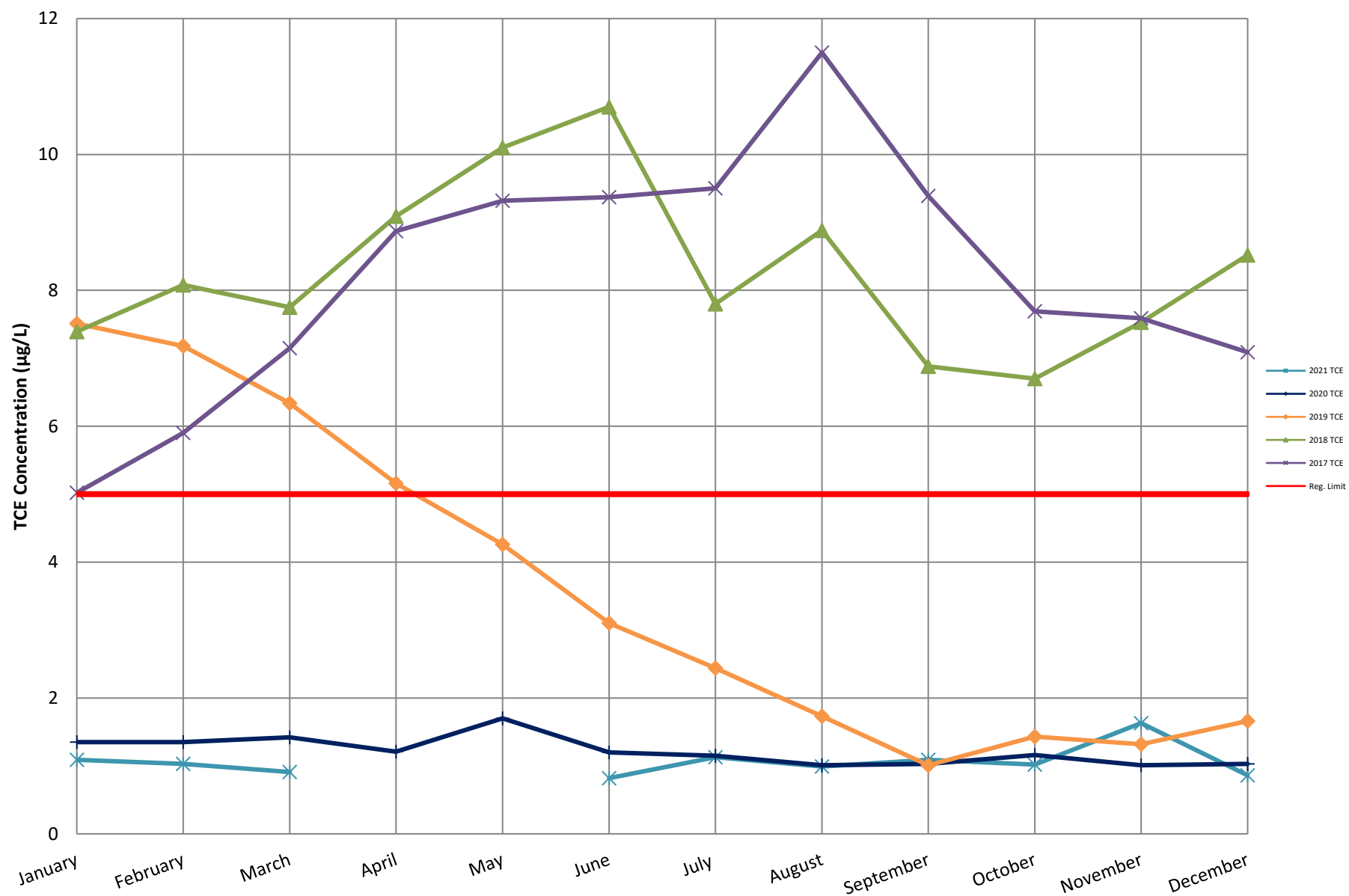
Former SCM - Cortlandville
Site No. 712006
2021 PRR

Chart 3: Cascade Outfall TCE Concentrations (µg/L) December 2001 to December 2021



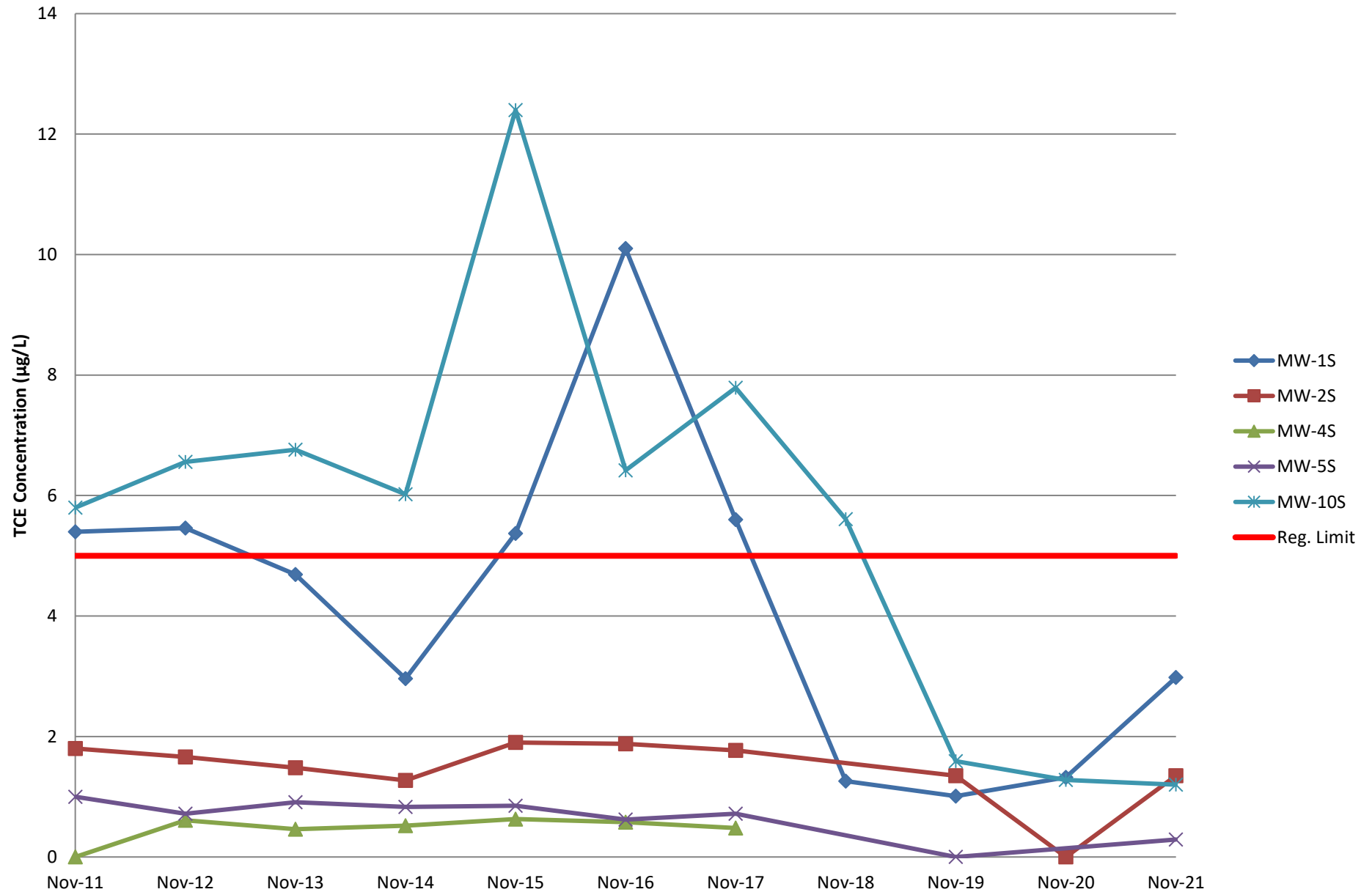
Former SCM - Cortlandville
Site No. 712006
2021 PRR

Chart 4: Tower Influent TCE Concentrations (µg/L) 2017, 2018, 2019, 2020 & 2021



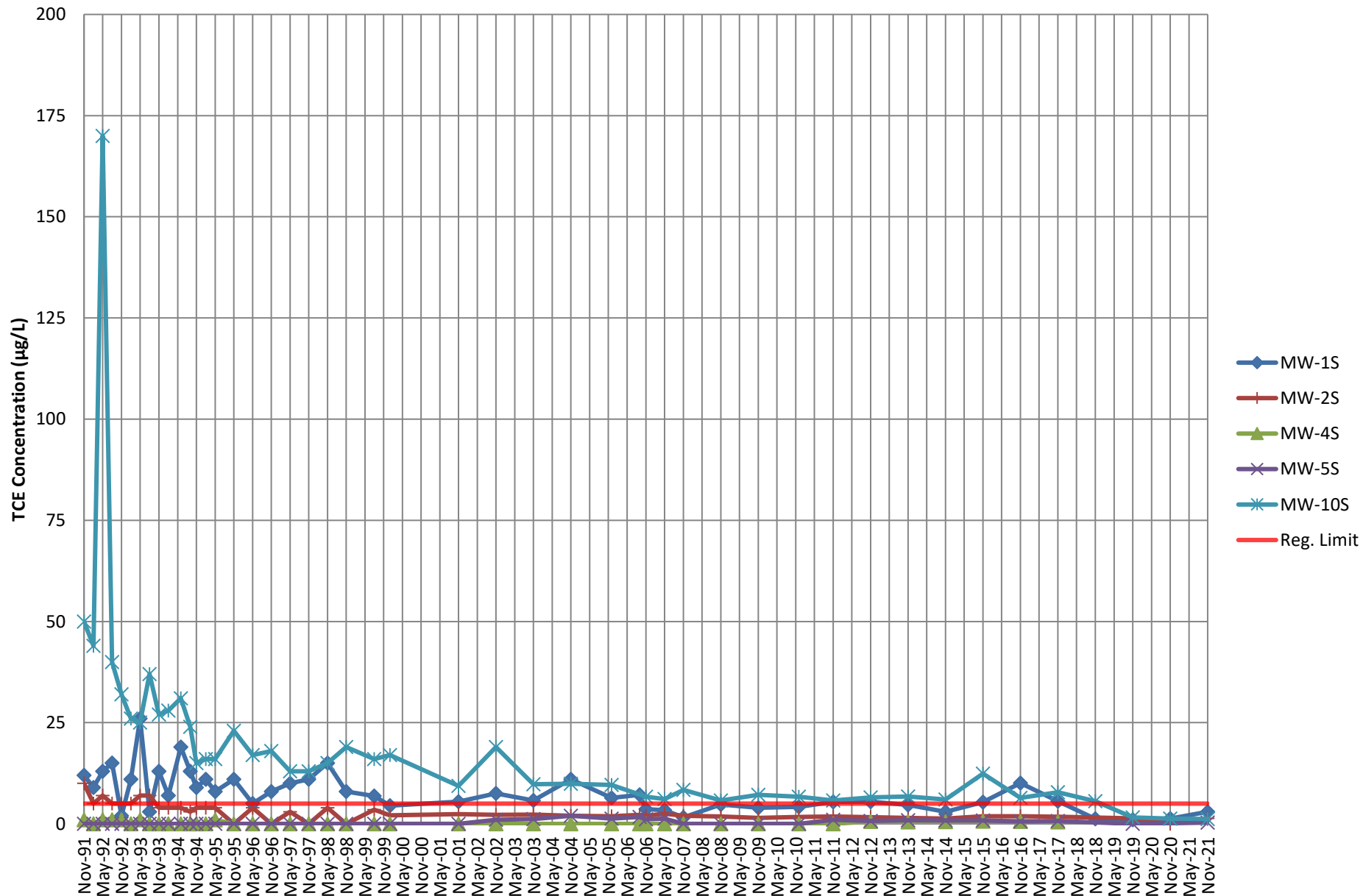
Former SCM - Cortlandville
Site No. 712006
2021 PRR

Chart 5: Perimeter Shallow Wells 10-Year TCE Concentrations (µg/L)



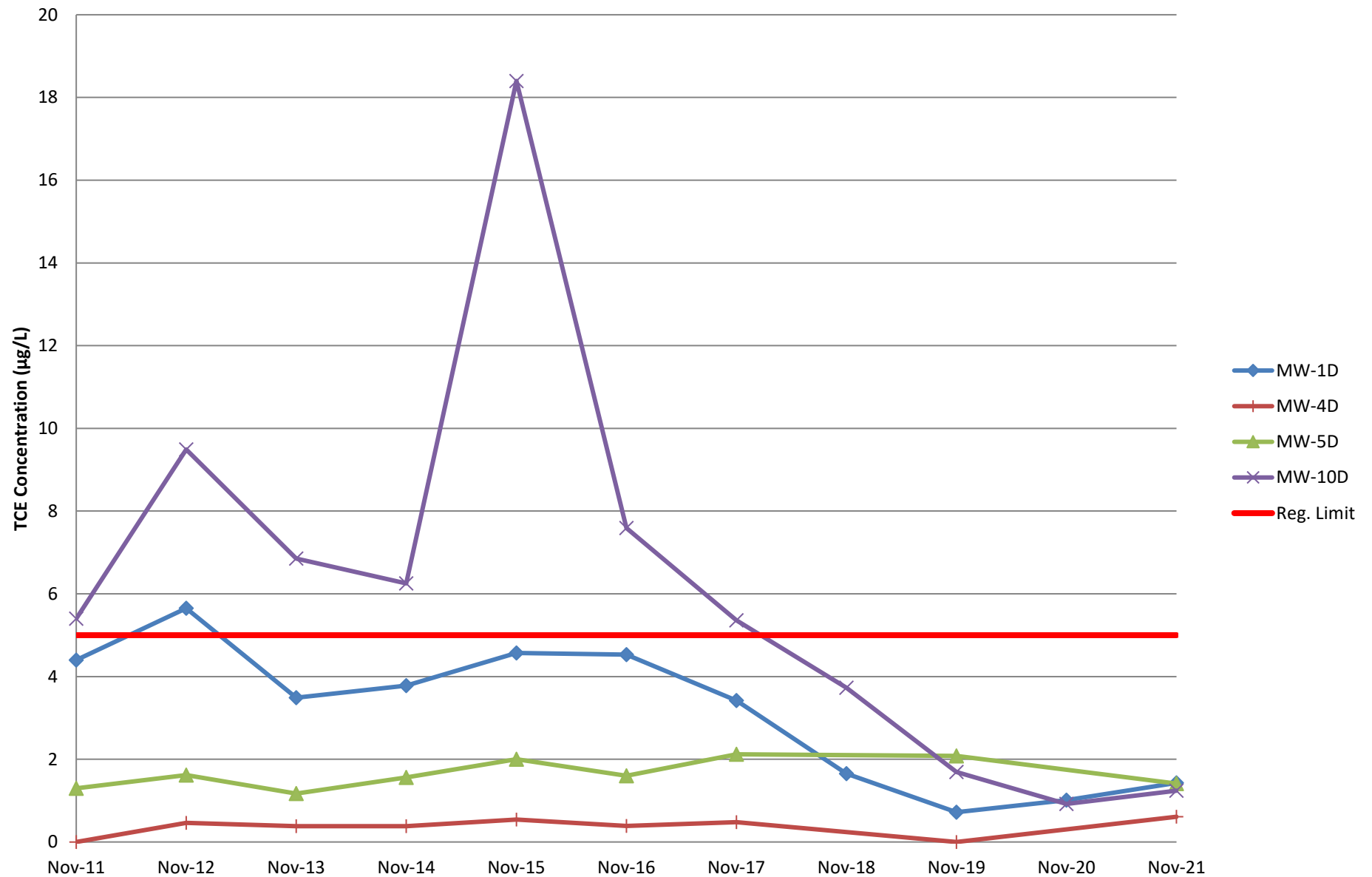
Former SCM - Cortlandville
Site No. 712006
2021 PRR

Chart 6: Perimeter Shallow Wells 30-Year TCE Concentrations (µg/L)



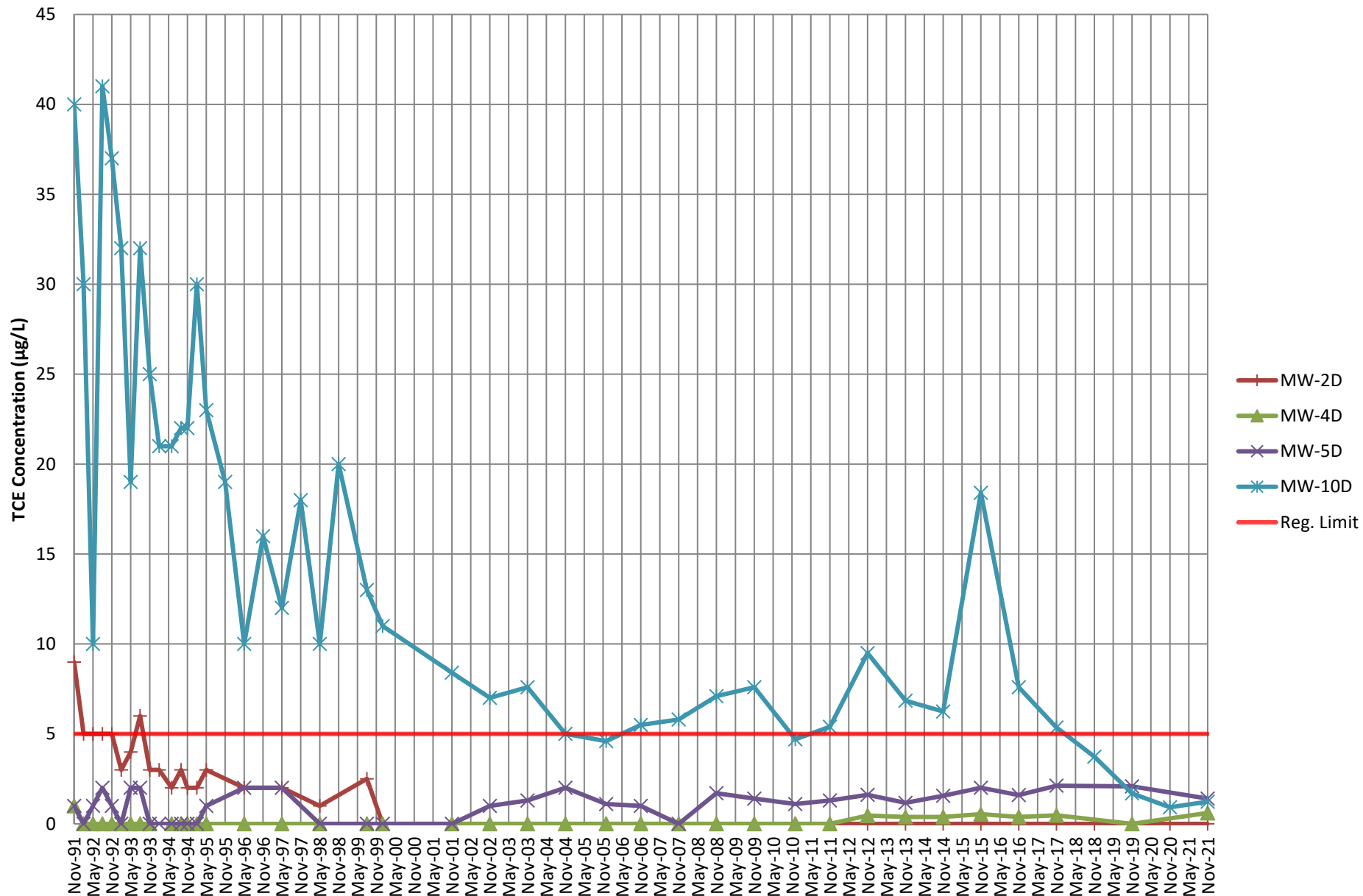
Former SCM - Cortlandville
Site No. 712006
2021 PRR

Chart 7: Perimeter Deep Wells 10-Year TCE Concentrations (µg/L)



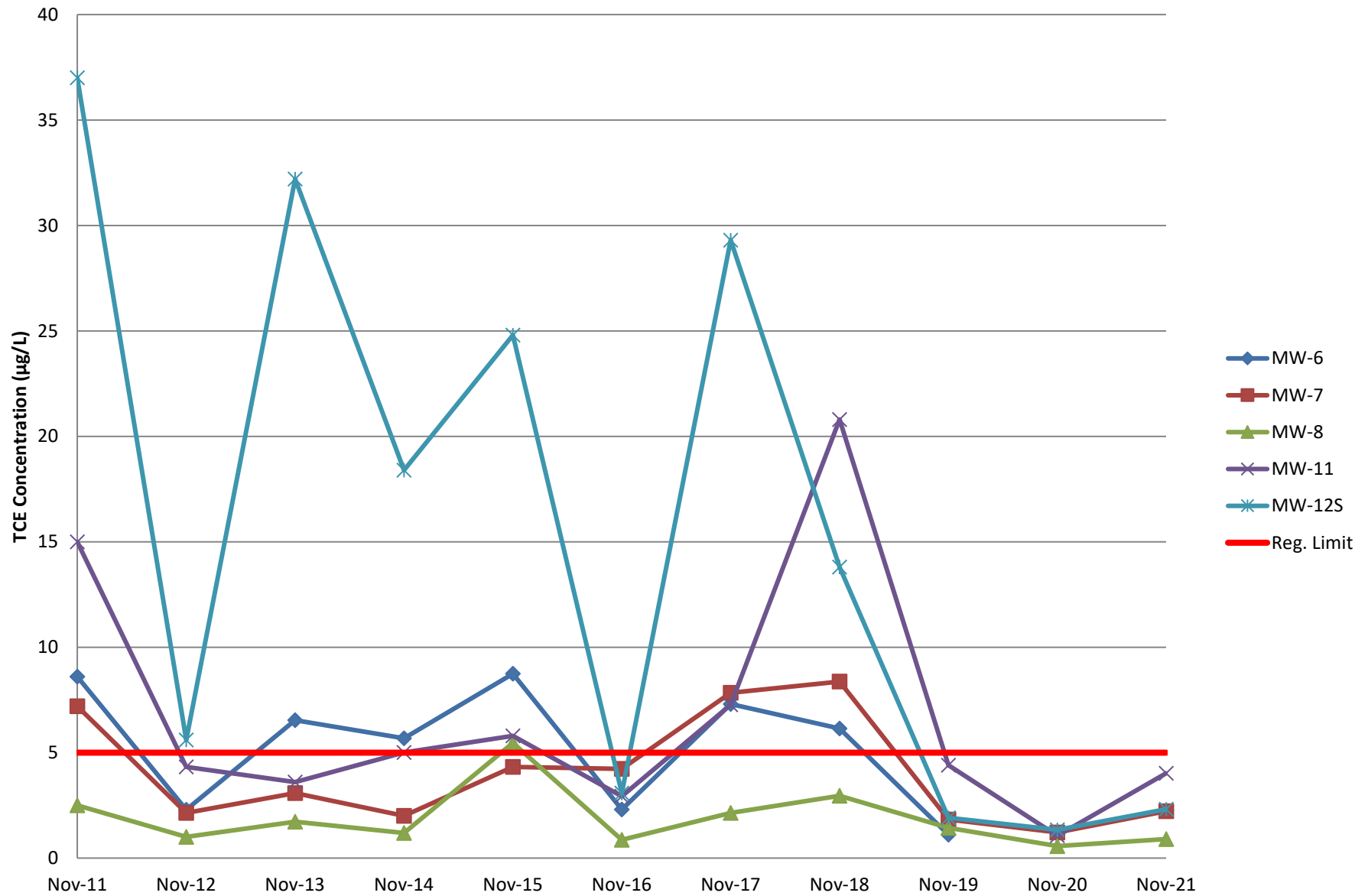
Former SCM - Cortlandville
Site No. 712006
2021 PRR

Chart 8: Perimeter Deep Wells 30-Year TCE Concentrations (µg/L)



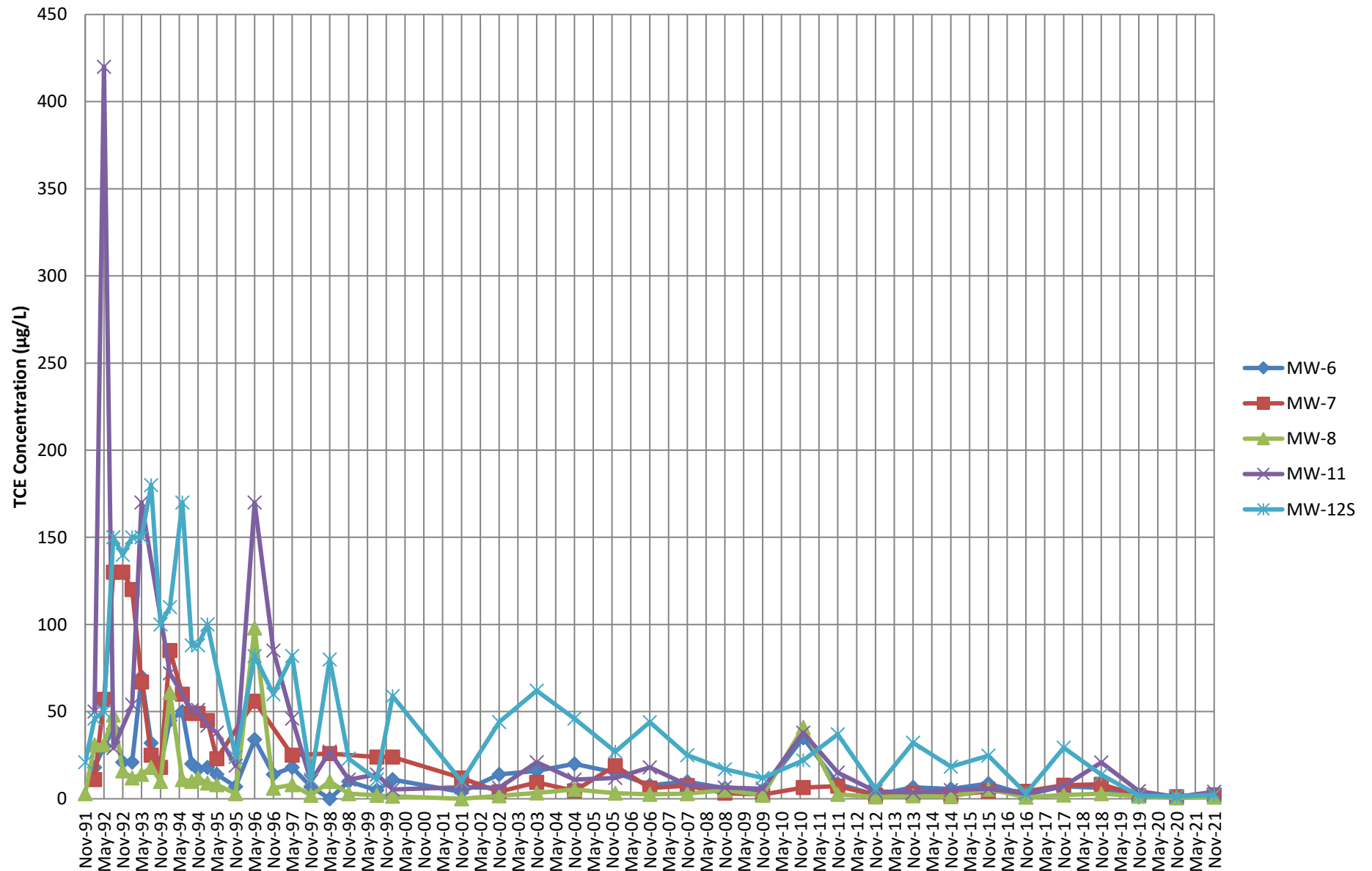
Former SCM - Cortlandville
Site No. 712006
2021 PRR

**Chart 9: Interior Shallow Wells
10-Year TCE Concentrations (µg/L)**



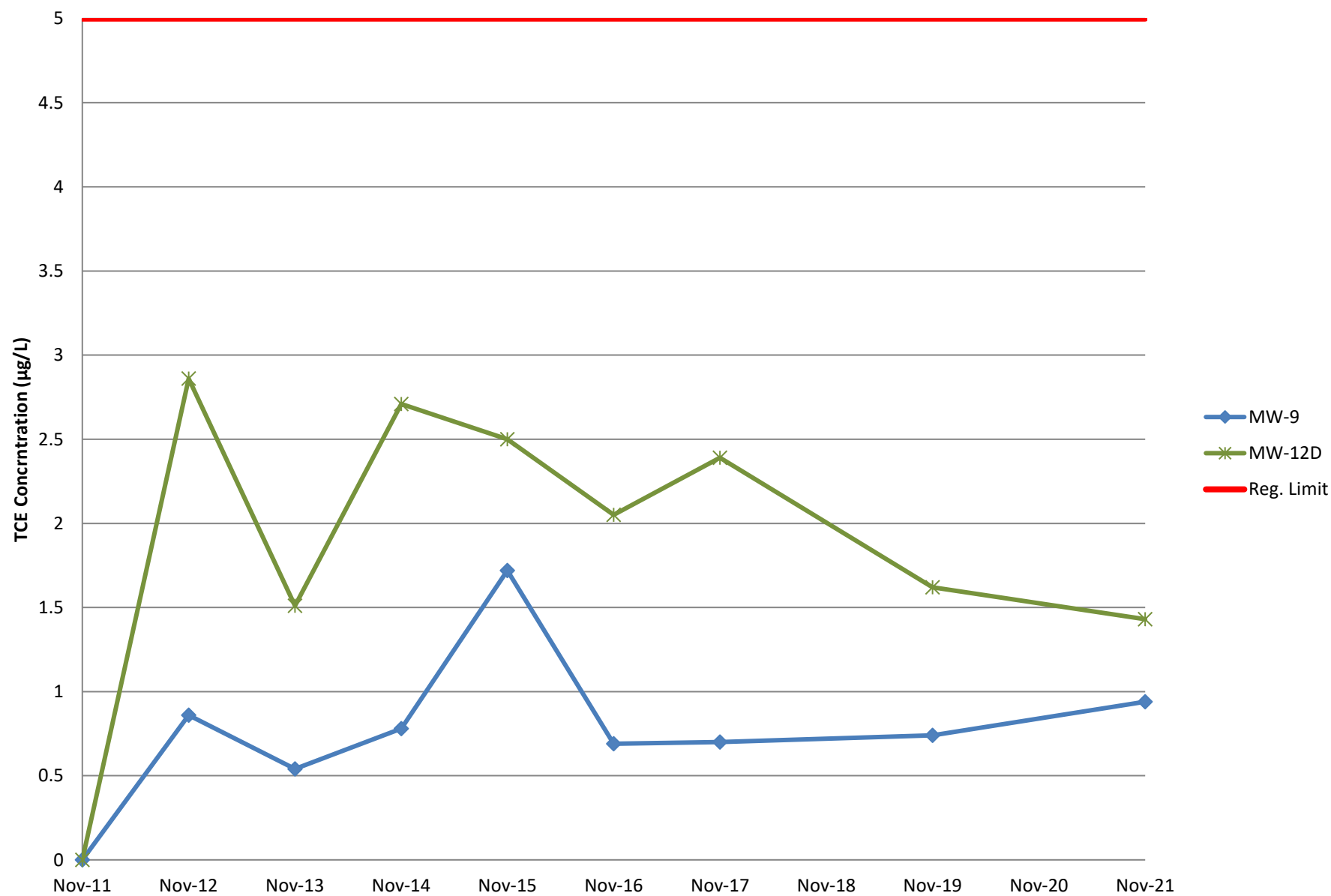
Former SCM - Cortlandville
Site No. 712006
2021 PRR

Chart 10: Interior Shallow Wells 30-Year TCE Concentrations (µg/L)



Former SCM - Cortlandville
Site No. 712006
2021 PRR

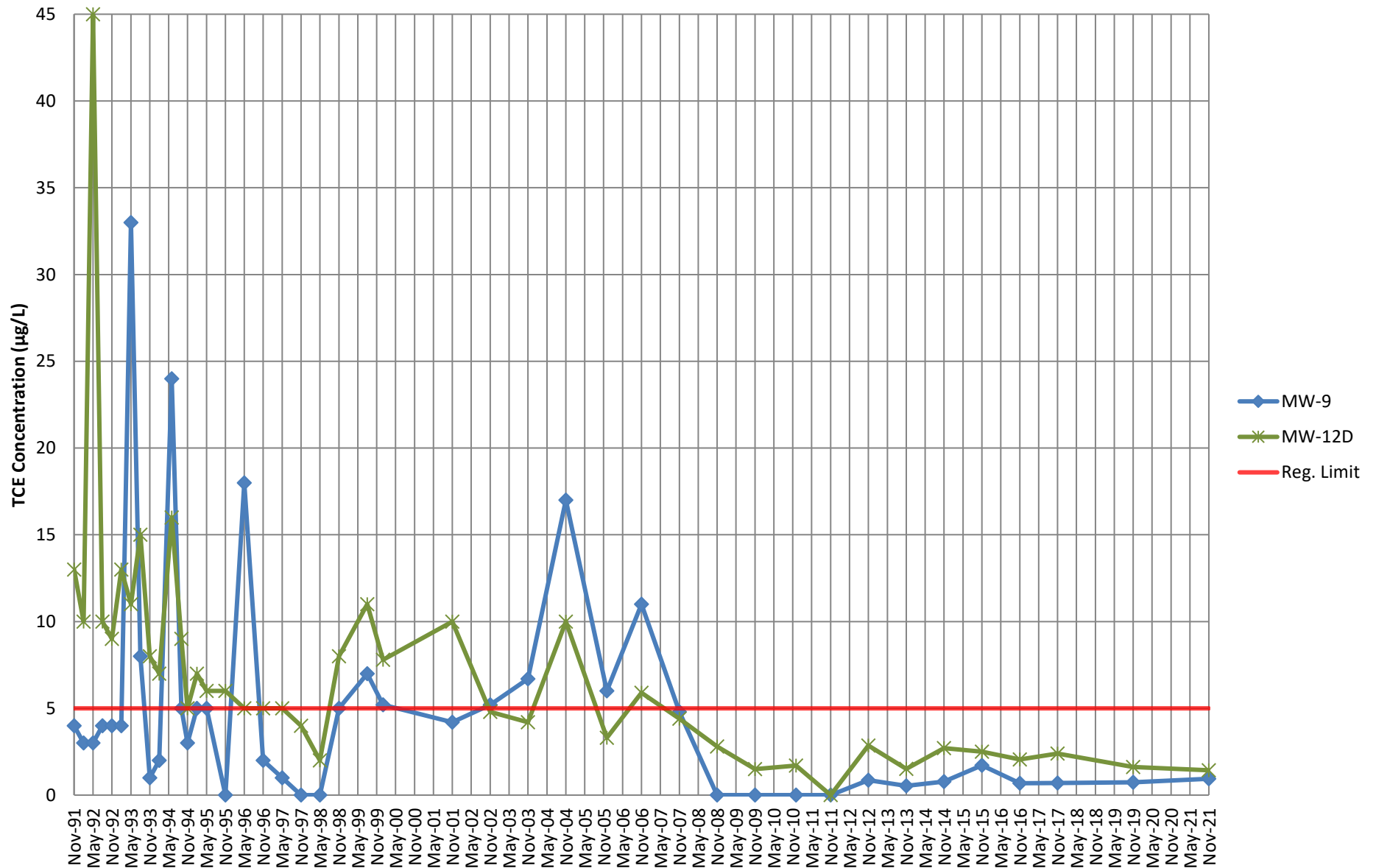
**Chart 11: Interior Deep Wells
10-Year TCE Concentration (µg/L)**



Former SCM - Cortlandville
Site No. 712006
2021 PRR

Chart 12: Interior Deep Wells

30-Year TCE Concentrations (µg/L)



Former SCM - Cortlandville
 Site No. 712006
 2021 PRR

Chart 13: MW-L16 Interior Shallow Well **13-Year TCE Concentrations (µg/L)**

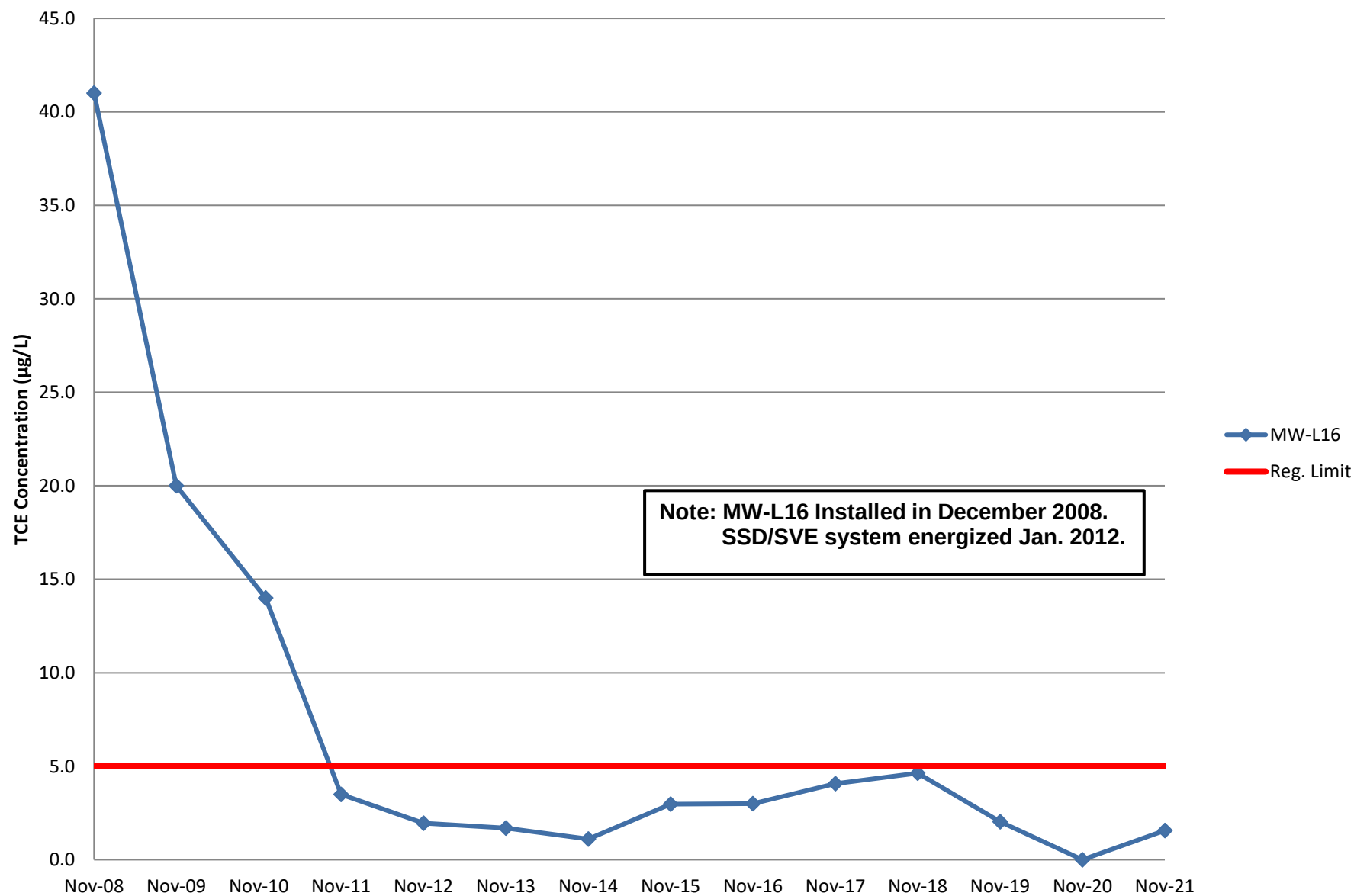
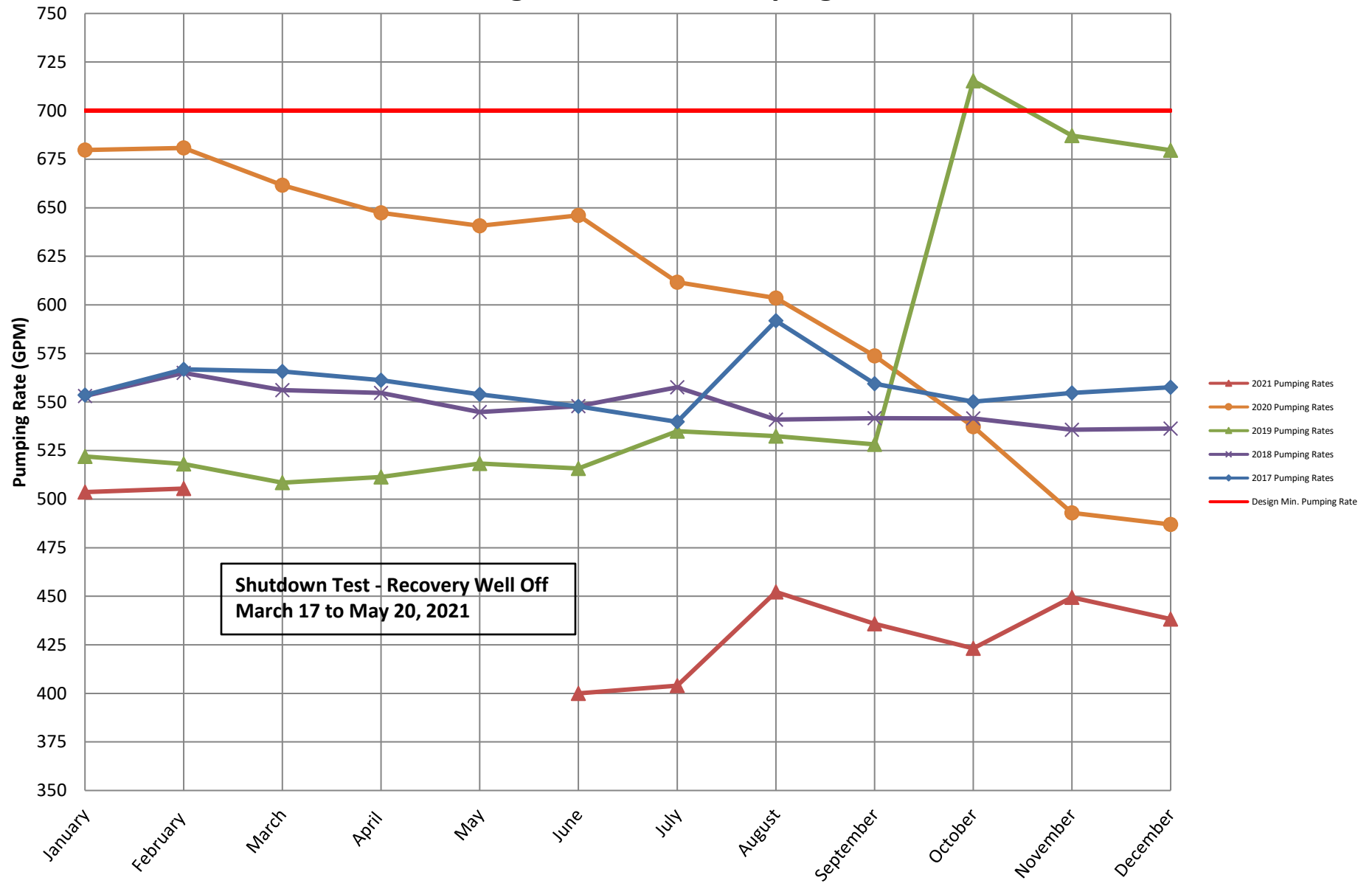
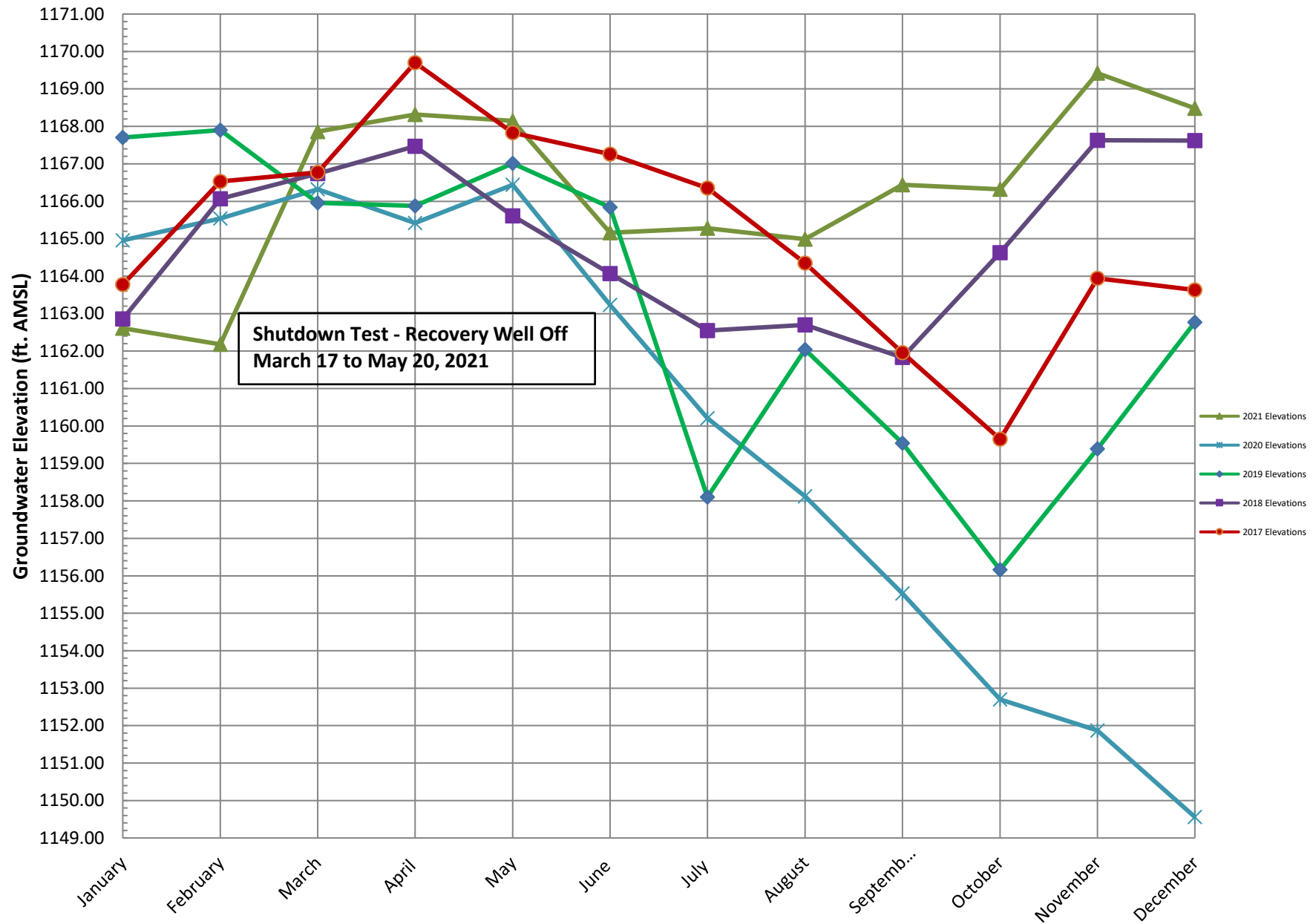


Chart 14: 2017, 2018, 2019, 2020 & 2021 Pumping Rates vs. Design Minimum Pumping Rate



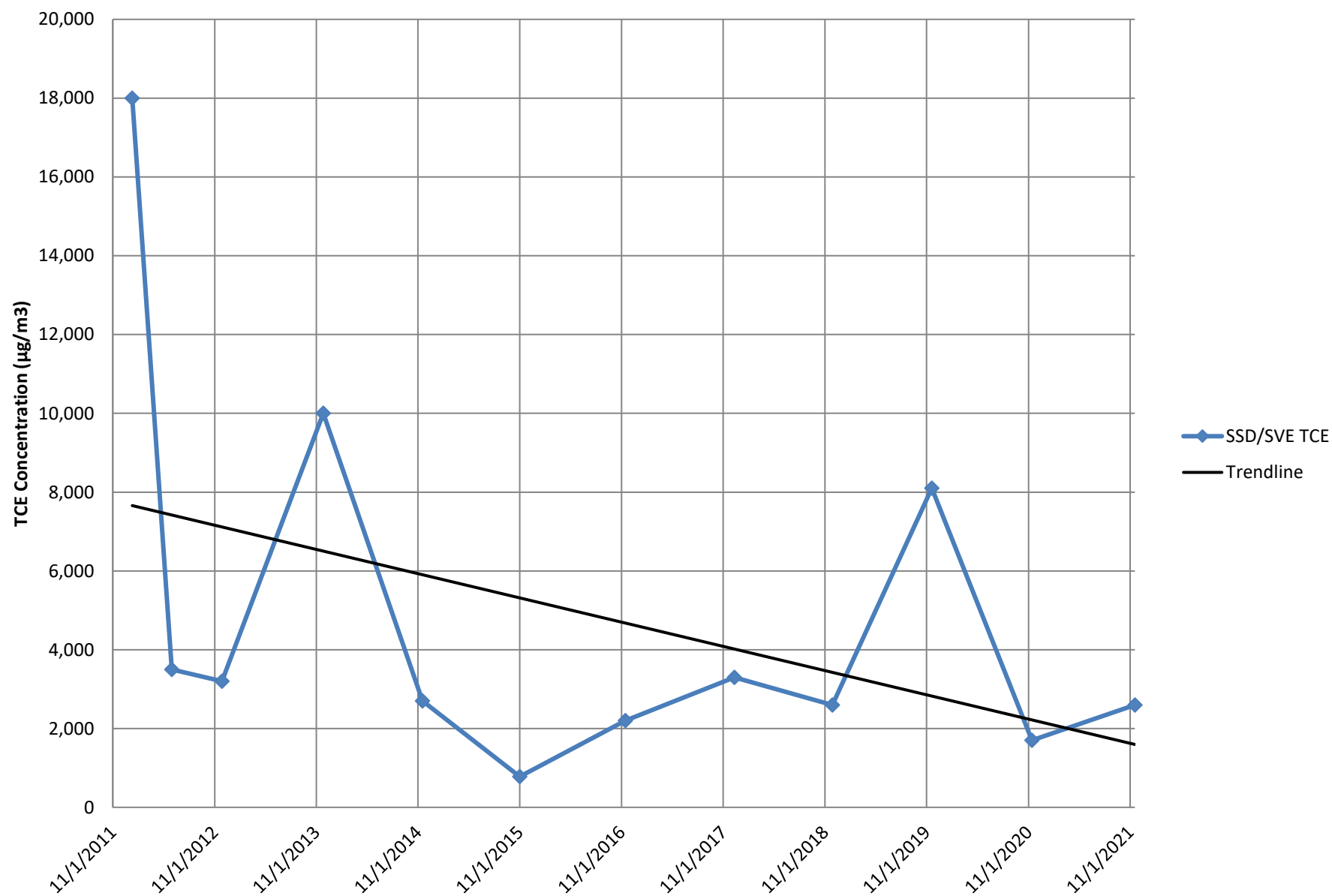
Former SCM - Cortlandville
Site No. 712006
2021 PRR

Chart 15: Recovery Well Groundwater Elevations: 2017, 2018, 2019, 2020 & 2021



Former SCM - Cortlandville
Site No. 712006
2021 PRR

Chart 16: SSD/SVE Exhaust TCE Concentrations ($\mu\text{g}/\text{m}^3$)



APPENDIX E

***ANALYTICAL RESULTS FROM 2021 ANNUAL SAMPLING EVENT,
NOVEMBER AND DECEMBER 2021 MONTHLY SAMPLING EVENTS***



Life Science Laboratories, Inc.

5854 Butternut Drive
East Syracuse, NY 13057

(315) 445-1900

Monday, November 29, 2021

Mr. Christopher Gabriel
GeoLogic NY, Inc.
37 Copeland Ave.
Homer, NY 13077

TEL: 607 749-5000

Project: 210087 MARCH 2021

RE: Analytical Results

Order No.: 2117649

Dear Mr. Christopher Gabriel:

Life Science Laboratories, Inc. received 18 sample(s) on 11/16/2021 for the analyses presented in the following report. Sample results relate only to the samples as received by the laboratory.

Very truly yours,
Life Science Laboratories, Inc.

A handwritten signature in black ink, appearing to read "David J Prichard", is written over a horizontal line.

David J Prichard
Project Manager



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2117649

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 11/29/21 10:13

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2117649-001A

Client Sample ID: MW-IS

Collection Date: 11/15/21 12:00

Date Received: 11/16/21 15:15

PrepDate:

BatchNo: R35113

FileID: 1-SAMP-R7267.D

Col Type:

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1	11/17/21 13:56	
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1	11/17/21 13:56	
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	11/17/21 13:56	
Tetrachloroethene	ND	0.50	0.10	µg/L	1	11/17/21 13:56	
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	11/17/21 13:56	
Trichloroethene	2.98	0.50	0.10	µg/L	1	11/17/21 13:56	
Vinyl chloride	ND	1.00	0.33	µg/L	1	11/17/21 13:56	
Surr: 1,2-Dichloroethane-d4	102	75-130	0.16	%REC	1	11/17/21 13:56	
Surr: Toluene-d8	96	75-125	0.10	%REC	1	11/17/21 13:56	
Surr: 4-Bromofluorobenzene	84	75-125	0.10	%REC	1	11/17/21 13:56	

Qualifiers:

* Value may exceed the Acceptable Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

Print Date: 11/29/21 14:37

979753

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2117649

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 11/29/21 10:13

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2117649-002A

Client Sample ID: MW-ID

Collection Date: 11/15/21 11:50

Date Received: 11/16/21 15:15

PrepDate:

BatchNo: R35113

FileID: 1-SAMP-R7268.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1	11/17/21 14:32	
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1	11/17/21 14:32	
cis-1,2-Dichloroethene	0.12 J	0.50	0.10	µg/L	1	11/17/21 14:32	
Tetrachloroethene	ND	0.50	0.10	µg/L	1	11/17/21 14:32	
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	11/17/21 14:32	
Trichloroethene	1.43	0.50	0.10	µg/L	1	11/17/21 14:32	
Vinyl chloride	ND	1.00	0.33	µg/L	1	11/17/21 14:32	
Surr: 1,2-Dichloroethane-d4	101	75-130	0.16	%REC	1	11/17/21 14:32	
Surr: Toluene-d8	100	75-125	0.10	%REC	1	11/17/21 14:32	
Surr: 4-Bromofluorobenzene	86	75-125	0.10	%REC	1	11/17/21 14:32	

Qualifiers: * Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 11/29/21 14:37

979754

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.
Project: 210087 March 2021

W Order: 2117649

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 11/29/21 10:13

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2117649-003A

Client Sample ID: MW-2S

Collection Date: 11/15/21 13:55

Date Received: 11/16/21 15:15

PrepDate:

BatchNo: R35113

FileID: 1-SAMP-R7269.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		11/17/21 15:09
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		11/17/21 15:09
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		11/17/21 15:09
Tetrachloroethene	ND	0.50	0.10	µg/L	1		11/17/21 15:09
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		11/17/21 15:09
Trichloroethene	1.35	0.50	0.10	µg/L	1		11/17/21 15:09
Vinyl chloride	ND	1.00	0.33	µg/L	1		11/17/21 15:09
Surr: 1,2-Dichloroethane-d4	103	75-130	0.16	%REC	1		11/17/21 15:09
Surr: Toluene-d8	98	75-125	0.10	%REC	1		11/17/21 15:09
Surr: 4-Bromofluorobenzene	85	75-125	0.10	%REC	1		11/17/21 15:09

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 11/29/21 14:37

979755

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

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Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2117649

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 11/29/21 10:13

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2117649-004A

Client Sample ID: MW-4D

Collection Date: 11/15/21 14:40

Date Received: 11/16/21 15:15

PrepDate:

BatchNo: R35113

FileID: 1-SAMP-R7270.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		11/17/21 15:46
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		11/17/21 15:46
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		11/17/21 15:46
Tetrachloroethene	ND	0.50	0.10	µg/L	1		11/17/21 15:46
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		11/17/21 15:46
Trichloroethene	0.61	0.50	0.10	µg/L	1		11/17/21 15:46
Vinyl chloride	ND	1.00	0.33	µg/L	1		11/17/21 15:46
Surr: 1,2-Dichloroethane-d4	100	75-130	0.16	%REC	1		11/17/21 15:46
Surr: Toluene-d8	99	75-125	0.10	%REC	1		11/17/21 15:46
Surr: 4-Bromofluorobenzene	83	75-125	0.10	%REC	1		11/17/21 15:46

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

Print Date: 11/29/21 14:37

979756

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

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(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2117649

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 11/29/21 10:13

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2117649-005A

Client Sample ID: MW-5S

Collection Date: 11/15/21 9:55

Date Received: 11/16/21 15:15

PrepDate:

BatchNo: R35113

FileID: 1-SAMP-R7271.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		11/17/21 16:22
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		11/17/21 16:22
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		11/17/21 16:22
Tetrachloroethene	ND	0.50	0.10	µg/L	1		11/17/21 16:22
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		11/17/21 16:22
Trichloroethene	0.29 J	0.50	0.10	µg/L	1		11/17/21 16:22
Vinyl chloride	ND	1.00	0.33	µg/L	1		11/17/21 16:22
Surr: 1,2-Dichloroethane-d4	112	75-130	0.16	%REC	1		11/17/21 16:22
Surr: Toluene-d8	94	75-125	0.10	%REC	1		11/17/21 16:22
Surr: 4-Bromofluorobenzene	85	75-125	0.10	%REC	1		11/17/21 16:22

Qualifiers: * Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 11/29/21 14:37

979757

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

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(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2117649

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 11/29/21 10:13

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2117649-006A

Client Sample ID: MW-5D

Collection Date: 11/15/21 10:50

Date Received: 11/16/21 15:15

PrepDate:

BatchNo: R35113

FileID: 1-SAMP-R7272.D

Col Type:

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		11/17/21 16:59
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		11/17/21 16:59
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		11/17/21 16:59
Tetrachloroethene	ND	0.50	0.10	µg/L	1		11/17/21 16:59
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		11/17/21 16:59
Trichloroethene	1.41	0.50	0.10	µg/L	1		11/17/21 16:59
Vinyl chloride	ND	1.00	0.33	µg/L	1		11/17/21 16:59
Surr: 1,2-Dichloroethane-d4	101	75-130	0.16	%REC	1		11/17/21 16:59
Surr: Toluene-d8	98	75-125	0.10	%REC	1		11/17/21 16:59
Surr: 4-Bromofluorobenzene	86	75-125	0.10	%REC	1		11/17/21 16:59

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

Print Date: 11/29/21 14:37

979758

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

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East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2117649

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 11/29/21 10:13

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2117649-007A

Client Sample ID: MW-6

Collection Date: 11/15/21 11:08

Date Received: 11/16/21 15:15

PrepDate:

BatchNo: R35113

FileID: 1-SAMP-R7273.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		11/17/21 17:36
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		11/17/21 17:36
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		11/17/21 17:36
Tetrachloroethene	ND	0.50	0.10	µg/L	1		11/17/21 17:36
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		11/17/21 17:36
Trichloroethene	2.24	0.50	0.10	µg/L	1		11/17/21 17:36
Vinyl chloride	ND	1.00	0.33	µg/L	1		11/17/21 17:36
Surr: 1,2-Dichloroethane-d4	105	75-130	0.16	%REC	1		11/17/21 17:36
Surr: Toluene-d8	98	75-125	0.10	%REC	1		11/17/21 17:36
Surr: 4-Bromofluorobenzene	82	75-125	0.10	%REC	1		11/17/21 17:36

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 11/29/21 14:37

979759

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.
Project: 210087 March 2021

W Order: 2117649

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 11/29/21 10:13

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2117649-008A

Client Sample ID: MW-7

Collection Date: 11/15/21 15:55

Date Received: 11/16/21 15:15

PrepDate:

BatchNo: R35113

FileID: 1-SAMP-R7274.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1	11/17/21 18:12	
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1	11/17/21 18:12	
cis-1,2-Dichloroethene	0.15 J	0.50	0.10	µg/L	1	11/17/21 18:12	
Tetrachloroethene	ND	0.50	0.10	µg/L	1	11/17/21 18:12	
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	11/17/21 18:12	
Trichloroethene	2.22	0.50	0.10	µg/L	1	11/17/21 18:12	
Vinyl chloride	ND	1.00	0.33	µg/L	1	11/17/21 18:12	
Surr: 1,2-Dichloroethane-d4	104	75-130	0.16	%REC	1	11/17/21 18:12	
Surr: Toluene-d8	95	75-125	0.10	%REC	1	11/17/21 18:12	
Surr: 4-Bromofluorobenzene	86	75-125	0.10	%REC	1	11/17/21 18:12	

Qualifiers:	* Value may exceed the Acceptable Level	B Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S Spike Recovery outside accepted recovery limits

Print Date: 11/29/21 14:37

979760

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2117649

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 11/29/21 10:13

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2117649-009A

Client Sample ID: MW-8

Collection Date: 11/15/21 11:55

Date Received: 11/16/21 15:15

PrepDate:

BatchNo: R35113

FileID: 1-SAMP-R7275.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		11/17/21 18:49
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		11/17/21 18:49
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		11/17/21 18:49
Tetrachloroethene	ND	0.50	0.10	µg/L	1		11/17/21 18:49
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		11/17/21 18:49
Trichloroethene	0.90	0.50	0.10	µg/L	1		11/17/21 18:49
Vinyl chloride	ND	1.00	0.33	µg/L	1		11/17/21 18:49
Surr: 1,2-Dichloroethane-d4	100	75-130	0.16	%REC	1		11/17/21 18:49
Surr: Toluene-d8	102	75-125	0.10	%REC	1		11/17/21 18:49
Surr: 4-Bromofluorobenzene	86	75-125	0.10	%REC	1		11/17/21 18:49

Qualifiers:

* Value may exceed the Acceptable Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

Print Date: 11/29/21 14:37

979761

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2117649

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 11/29/21 10:13

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2117649-010A

Client Sample ID: MW-9

Collection Date: 11/15/21 15:25

Date Received: 11/16/21 15:15

PrepDate:

BatchNo: R35113

FileID: 1-SAMP-R7276.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1	11/17/21 19:26	
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1	11/17/21 19:26	
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	11/17/21 19:26	
Tetrachloroethene	ND	0.50	0.10	µg/L	1	11/17/21 19:26	
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	11/17/21 19:26	
Trichloroethene	0.94	0.50	0.10	µg/L	1	11/17/21 19:26	
Vinyl chloride	ND	1.00	0.33	µg/L	1	11/17/21 19:26	
Surr: 1,2-Dichloroethane-d4	113	75-130	0.16	%REC	1	11/17/21 19:26	
Surr: Toluene-d8	94	75-125	0.10	%REC	1	11/17/21 19:26	
Surr: 4-Bromofluorobenzene	81	75-125	0.10	%REC	1	11/17/21 19:26	

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 11/29/21 14:37

979762

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

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East Syracuse, NY 13057

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Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2117649

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 11/29/21 10:13

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2117649-011A

Client Sample ID: MW-10S

Collection Date: 11/15/21 13:20

Date Received: 11/16/21 15:15

PrepDate:

BatchNo: R35113

FileID: 1-SAMP-R7277.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		11/17/21 20:02
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		11/17/21 20:02
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		11/17/21 20:02
Tetrachloroethene	ND	0.50	0.10	µg/L	1		11/17/21 20:02
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		11/17/21 20:02
Trichloroethene	1.20	0.50	0.10	µg/L	1		11/17/21 20:02
Vinyl chloride	ND	1.00	0.33	µg/L	1		11/17/21 20:02
Surr: 1,2-Dichloroethane-d4	105	75-130	0.16	%REC	1		11/17/21 20:02
Surr: Toluene-d8	95	75-125	0.10	%REC	1		11/17/21 20:02
Surr: 4-Bromofluorobenzene	87	75-125	0.10	%REC	1		11/17/21 20:02

Qualifiers:

* Value may exceed the Acceptable Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

Print Date: 11/29/21 14:37

979763

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.
Project: 210087 March 2021

W Order: 2117649

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 11/29/21 10:13

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2117649-012A

Client Sample ID: MW-10D

Collection Date: 11/15/21 13:05

Date Received: 11/16/21 15:15

PrepDate:

BatchNo: R35113

FileID: 1-SAMP-R7278.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		11/17/21 20:39
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		11/17/21 20:39
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		11/17/21 20:39
Tetrachloroethene	ND	0.50	0.10	µg/L	1		11/17/21 20:39
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		11/17/21 20:39
Trichloroethene	1.24	0.50	0.10	µg/L	1		11/17/21 20:39
Vinyl chloride	ND	1.00	0.33	µg/L	1		11/17/21 20:39
Surr: 1,2-Dichloroethane-d4	108	75-130	0.16	%REC	1		11/17/21 20:39
Surr: Toluene-d8	98	75-125	0.10	%REC	1		11/17/21 20:39
Surr: 4-Bromofluorobenzene	82	75-125	0.10	%REC	1		11/17/21 20:39

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 11/29/21 14:37

979764

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2117649

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 11/29/21 10:19

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2117649-013A

Client Sample ID: MW-11

Collection Date: 11/15/21 15:06

Date Received: 11/16/21 15:15

PrepDate:

BatchNo: R35114

FileID: 1-SAMP-R7283.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	1.00		0.20	µg/L	2	11/17/21 23:42
1,1-Dichloroethene	ND	1.00		0.32	µg/L	2	11/17/21 23:42
cis-1,2-Dichloroethene	6.04	1.00		0.20	µg/L	2	11/17/21 23:42
Tetrachloroethene	ND	1.00		0.20	µg/L	2	11/17/21 23:42
trans-1,2-Dichloroethene	ND	1.00		0.20	µg/L	2	11/17/21 23:42
Trichloroethene	4.02	1.00		0.20	µg/L	2	11/17/21 23:42
Vinyl chloride	ND	2.00		0.66	µg/L	2	11/17/21 23:42
Surr: 1,2-Dichloroethane-d4	102	75-130		0.32	%REC	2	11/17/21 23:42
Surr: Toluene-d8	98	75-125		0.20	%REC	2	11/17/21 23:42
Surr: 4-Bromofluorobenzene	87	75-125		0.20	%REC	2	11/17/21 23:42

Qualifiers:

* Value may exceed the Acceptable Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

Print Date: 11/29/21 14:37

979771

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2117649

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 11/29/21 10:19

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2117649-014A

Client Sample ID: MW-12S

Collection Date: 11/15/21 16:03

Date Received: 11/16/21 15:15

PrepDate:

BatchNo: R35114

FileID: 1-SAMP-R7284.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	1.00		0.20	µg/L	2	11/18/21 0:19
1,1-Dichloroethene	ND	1.00		0.32	µg/L	2	11/18/21 0:19
cis-1,2-Dichloroethene	0.30 J	1.00		0.20	µg/L	2	11/18/21 0:19
Tetrachloroethene	ND	1.00		0.20	µg/L	2	11/18/21 0:19
trans-1,2-Dichloroethene	ND	1.00		0.20	µg/L	2	11/18/21 0:19
Trichloroethene	2.32	1.00		0.20	µg/L	2	11/18/21 0:19
Vinyl chloride	ND	2.00		0.66	µg/L	2	11/18/21 0:19
Surr: 1,2-Dichloroethane-d4	106	75-130		0.32	%REC	2	11/18/21 0:19
Surr: Toluene-d8	94	75-125		0.20	%REC	2	11/18/21 0:19
Surr: 4-Bromofluorobenzene	81	75-125		0.20	%REC	2	11/18/21 0:19

Qualifiers:

* Value may exceed the Acceptable Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

Print Date: 11/29/21 14:37

979772

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.
Project: 210087 March 2021

W Order: 2117649

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 11/29/21 10:13

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2117649-015A

Client Sample ID: MW-12D

Collection Date: 11/15/21 16:25

Date Received: 11/16/21 15:15

PrepDate:

BatchNo: R35113

FileID: 1-SAMP-R7285.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		11/18/21 0:56
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		11/18/21 0:56
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		11/18/21 0:56
Tetrachloroethene	ND	0.50	0.10	µg/L	1		11/18/21 0:56
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		11/18/21 0:56
Trichloroethene	1.43	0.50	0.10	µg/L	1		11/18/21 0:56
Vinyl chloride	ND	1.00	0.33	µg/L	1		11/18/21 0:56
Surr: 1,2-Dichloroethane-d4	103	75-130	0.16	%REC	1		11/18/21 0:56
Surr: Toluene-d8	93	75-125	0.10	%REC	1		11/18/21 0:56
Surr: 4-Bromofluorobenzene	85	75-125	0.10	%REC	1		11/18/21 0:56

Qualifiers:

* Value may exceed the Acceptable Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

Print Date: 11/29/21 14:37

979767

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.
Project: 210087 March 2021

W Order: 2117649

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 11/29/21 10:13

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2117649-016A

Client Sample ID: MW-L16

Collection Date: 11/15/21 13:42

Date Received: 11/16/21 15:15

PrepDate:

BatchNo: R35113

FileID: 1-SAMP-R7286.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1	11/18/21 1:32	
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1	11/18/21 1:32	
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	11/18/21 1:32	
Tetrachloroethene	ND	0.50	0.10	µg/L	1	11/18/21 1:32	
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	11/18/21 1:32	
Trichloroethene	1.56	0.50	0.10	µg/L	1	11/18/21 1:32	
Vinyl chloride	ND	1.00	0.33	µg/L	1	11/18/21 1:32	
Surr: 1,2-Dichloroethane-d4	104	75-130	0.16	%REC	1	11/18/21 1:32	
Surr: Toluene-d8	100	75-125	0.10	%REC	1	11/18/21 1:32	
Surr: 4-Bromofluorobenzene	89	75-125	0.10	%REC	1	11/18/21 1:32	

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 11/29/21 14:37

979768

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2117649

Matrix: WATER Q

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 11/29/21 10:13

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2117649-017A

Client Sample ID: *Trip Blank*

Collection Date: 11/15/21 0:00

Date Received: 11/16/21 15:15

PrepDate:

BatchNo: R35113

FileID: 1-SAMP-R7287.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1	11/18/21 2:09	
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1	11/18/21 2:09	
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	11/18/21 2:09	
Tetrachloroethene	ND	0.50	0.10	µg/L	1	11/18/21 2:09	
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	11/18/21 2:09	
Trichloroethene	ND	0.50	0.10	µg/L	1	11/18/21 2:09	
Vinyl chloride	ND	1.00	0.33	µg/L	1	11/18/21 2:09	
Surr: 1,2-Dichloroethane-d4	109	75-130	0.16	%REC	1	11/18/21 2:09	
Surr: Toluene-d8	96	75-125	0.10	%REC	1	11/18/21 2:09	
Surr: 4-Bromofluorobenzene	82	75-125	0.10	%REC	1	11/18/21 2:09	

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 11/29/21 14:37

979769

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2117649

Matrix: EQUIPMENT BLANK

Inst. ID: MS04_73

Sample Size: NA

ColumnID: Rtx-VMS

%Moisture:

Revision: 11/29/21 10:13

TestCode: 8260W

Lab ID: 2117649-018A

Client Sample ID: *Equipment Blank*

Collection Date: 11/15/21 16:40

Date Received: 11/16/21 15:15

PrepDate:

BatchNo: R35113

FileID: 1-SAMP-R7288.D

Col Type:

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1	11/18/21 2:46	
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1	11/18/21 2:46	
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	11/18/21 2:46	
Tetrachloroethene	ND	0.50	0.10	µg/L	1	11/18/21 2:46	
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	11/18/21 2:46	
Trichloroethene	ND	0.50	0.10	µg/L	1	11/18/21 2:46	
Vinyl chloride	ND	1.00	0.33	µg/L	1	11/18/21 2:46	
Surr: 1,2-Dichloroethane-d4	106	75-130	0.16	%REC	1	11/18/21 2:46	
Surr: Toluene-d8	96	75-125	0.10	%REC	1	11/18/21 2:46	
Surr: 4-Bromofluorobenzene	83	75-125	0.10	%REC	1	11/18/21 2:46	

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 11/29/21 14:37

979770

Project Supervisor: David J Prichard

GeoLogic NY, P.C.

CHAIN OF CUSTODY RECORD

2117649

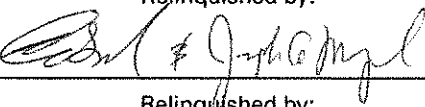
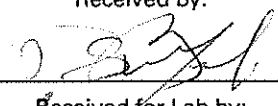
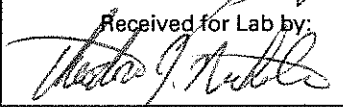
CLIENT: GeoLogic NY, P.C.

SAMPLER NAMES:

PROJECT: 210087 2021 Annual Sampling 1of 2

C. T. Gabriel & J.A. Menzel

SAMPLE LOCATION	DATE	TIME	SAMPLE TYPE			NO. of SAMPLES	ANALYSIS REQUIRED
			WATER	SOIL	AIR		
001 MW-1S	11-15	12:00	X			2	See Below
002 MW-1D	11-15	11:50	X			2	See Below
003 MW-2S	11-15	13:55	X			2	See Below
004 MW-4D	11-15	14:40	X			2	See Below
005 MW-5S	11-15	9:55	X			2	See Below
006 MW-5D	11-15	10:50	X			2	See Below
007 MW-6	11-15	11:08	X			2	See Below
008 MW-7	11-15	15:55	X			2	See Below
009 MW-8	11-15	11:55	X			2	See Below

Relinquished by: 	Date 11/15/21	Time 16:55	Received by: GeoLogic Sample Refrig.	Date 11/15/21	Time 16:55
Relinquished by: GeoLogic Sample Refrig	Date 11/16/21	Time 14:00	Received by: 	Date 11/16/21	Time 2:00
Relinquished by: Samples Received On Ice	Date	Time	Received for Lab by: 	Date 11/16/21	Time 1:15

Method of Shipment: LAB PICK-UP X TEMP 5.7°C

COMMENTS:

Sample Analysis (1 µg/L reporting limit)

EPA 8260B for

1,1,1-Trichloroethane

1,1-Dichloroethene

1,2-Dichloroethene

Trichloroethene

Tetrachloroethene

Vinyl Chloride

GeoLogic NY, P.C.

CHAIN OF CUSTODY RECORD

2117649

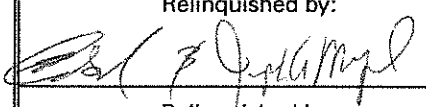
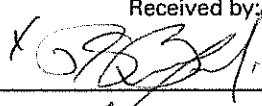
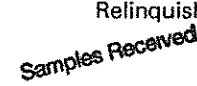
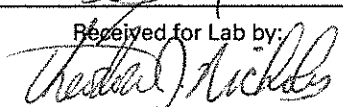
CLIENT: GeoLogic NY, P.C.

SAMPLER NAMES:

PROJECT: 210087 2021 Annual Sampling 2 of 2

C. T. Gabriel & J.A. Menzel

SAMPLE LOCATION	DATE	TIME	SAMPLE TYPE			NO. of SAMPLES	ANALYSIS REQUIRED
			WATER	SOIL	AIR		
010 MW-9	11-15	15:25	X			2	See Below
011 MW-10S	11-15	13:20	X			2	See Below
012 MW-10D	11-15	13:05	X			2	See Below
013 MW-11	11-15	15:06	X			2	See Below
014 MW-12S	11-15	16:03	X			2	See Below
015 MW-12D	11-15	16:25	X			2	See Below
016 MW-L16	11-15	13:42	X			2	See Below
017 Trip Blank	11-5		X			2	See Below
018 Equipment Blank	11-15	16:40	X			2	See Below

Relinquished by:	Date	Time	Received by:	Date	Time
	11/15/21	16:55	GeoLogic Sample Refrig	11/15/21	16:55
Relinquished by:	Date	Time	Received by:	Date	Time
GeoLogic Sample Refrig	11/16/21	14:08	X 	11/16/21	2:00
Relinquished by:	Date	Time	Received for Lab by:	Date	Time
				11/16/21	1:55

Method of Shipment: LAB PICK-UP X TEMP 5.7°C

COMMENTS:

Sample Analysis (1 µg/L reporting limit)

EPA 8260B for

1,1,1-Trichloroethane

1,1-Dichloroethene

1,2-Dichloroethene

Trichloroethene

Tetrachloroethene

Vinyl Chloride

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **GEOLOGIC**

Date and Time Received:

11/16/2021 3:15:00 PM

Work Order Number: **2117649**

Received by:

tjn

Checklist completed by:

Initials

7)

Date

11-16-21

Reviewed by:

Initials

DP

Date

11/17/21

Delivery Method: Courier

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Applicable ☒
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	
Water - VOA vials have zero headspace?	Yes ☒	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☒

Comments:

Corrective Action:



Life Science Laboratories, Inc.

5854 Butternut Drive
East Syracuse, NY 13057

(315) 445-1900

Monday, November 29, 2021

Mr. Christopher Gabriel
GeoLogic NY, Inc.
37 Copeland Ave.
Homer, NY 13077

TEL: 607 749-5000

Project: 210087

RE: Analytical Results

Order No.: 2119518

Dear Mr. Christopher Gabriel:

Life Science Laboratories, Inc. received 4 sample(s) on 11/16/2021 for the analyses presented in the following report. Sample results relate only to the samples as received by the laboratory.

Very truly yours,
Life Science Laboratories, Inc.

A handwritten signature in black ink, appearing to read "David J Prichard", is written over a horizontal line.

David J Prichard
Project Manager



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087

W Order: 2119518

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 11/29/21 10:05

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2119518-001A

Client Sample ID: *Cascade*

Collection Date: 11/16/21 11:38

Date Received: 11/16/21 15:15

PrepDate:

BatchNo: R35112

FileID: 1-SAMP-R7263.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1	11/17/21 11:29	
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1	11/17/21 11:29	
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	11/17/21 11:29	
Tetrachloroethene	ND	0.50	0.10	µg/L	1	11/17/21 11:29	
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	11/17/21 11:29	
Trichloroethene	0.17 J	0.50	0.10	µg/L	1	11/17/21 11:29	
Vinyl chloride	ND	1.00	0.33	µg/L	1	11/17/21 11:29	
Surr: 1,2-Dichloroethane-d4	106	75-130	0.16	%REC	1	11/17/21 11:29	
Surr: Toluene-d8	93	75-125	0.10	%REC	1	11/17/21 11:29	
Surr: 4-Bromofluorobenzene	84	75-125	0.10	%REC	1	11/17/21 11:29	

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

Print Date: 11/29/21 12:23

979747

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087

W Order: 2119518

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 11/29/21 10:05

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2119518-002A

Client Sample ID: *Tower Discharge*

Collection Date: 11/16/21 11:03

Date Received: 11/16/21 15:15

PrepDate:

BatchNo: R35112

FileID: 1-SAMP-R7264.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1	11/17/21 12:06	
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1	11/17/21 12:06	
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	11/17/21 12:06	
Tetrachloroethene	ND	0.50	0.10	µg/L	1	11/17/21 12:06	
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	11/17/21 12:06	
Trichloroethene	0.59	0.50	0.10	µg/L	1	11/17/21 12:06	
Vinyl chloride	ND	1.00	0.33	µg/L	1	11/17/21 12:06	
Surr: 1,2-Dichloroethane-d4	102	75-130	0.16	%REC	1	11/17/21 12:06	
Surr: Toluene-d8	92	75-125	0.10	%REC	1	11/17/21 12:06	
Surr: 4-Bromofluorobenzene	88	75-125	0.10	%REC	1	11/17/21 12:06	

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 11/29/21 12:23

979748

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087

W Order: 2119518

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 11/29/21 10:05

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2119518-003A

Client Sample ID: *Tower Influent*

Collection Date: 11/16/21 10:39

Date Received: 11/16/21 15:15

PrepDate:

BatchNo: R35112

FileID: 1-SAMP-R7265.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		11/17/21 12:42
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		11/17/21 12:42
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		11/17/21 12:42
Tetrachloroethene	ND	0.50	0.10	µg/L	1		11/17/21 12:42
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		11/17/21 12:42
Trichloroethene	1.63	0.50	0.10	µg/L	1		11/17/21 12:42
Vinyl chloride	ND	1.00	0.33	µg/L	1		11/17/21 12:42
Surr: 1,2-Dichloroethane-d4	104	75-130	0.16	%REC	1		11/17/21 12:42
Surr: Toluene-d8	97	75-125	0.10	%REC	1		11/17/21 12:42
Surr: 4-Bromofluorobenzene	83	75-125	0.10	%REC	1		11/17/21 12:42

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 11/29/21 12:23

979749

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087

W Order: 2119518

Matrix: WATER Q

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 11/29/21 10:05

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2119518-004A

Client Sample ID: *Trip Blank*

Collection Date: 03/22/21 0:00

Date Received: 11/16/21 15:15

PrepDate:

BatchNo: R35112

FileID: 1-SAMP-R7266.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1	11/17/21 13:19	
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1	11/17/21 13:19	
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	11/17/21 13:19	
Tetrachloroethene	ND	0.50	0.10	µg/L	1	11/17/21 13:19	
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	11/17/21 13:19	
Trichloroethene	ND	0.50	0.10	µg/L	1	11/17/21 13:19	
Vinyl chloride	ND	1.00	0.33	µg/L	1	11/17/21 13:19	
Surr: 1,2-Dichloroethane-d4	102	75-130	0.16	%REC	1	11/17/21 13:19	
Surr: Toluene-d8	99	75-125	0.10	%REC	1	11/17/21 13:19	
Surr: 4-Bromofluorobenzene	86	75-125	0.10	%REC	1	11/17/21 13:19	

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 11/29/21 12:23

979750

Project Supervisor: David J Prichard

GeoLogic NY, P.C.

CHAIN OF CUSTODY RECORD

2119518

CLIENT: GeoLogic NY, P.C.

SAMPLERS NAME(S):

PROJECT: 210087

C. T. Gabriel

1
2
3
4

SAMPLE LOCATION	DATE	TIME	SAMPLE TYPE			NO. of SAMPLES	ANALYSIS REQUIRED
			WATER	SOIL	AIR		
Cascade	11-16	11:38	X			2	See Below
Tower Discharge	11-16	11:03	X			2	"
Tower Influent	11-16	10:39	X			2	"
Trip Blank	3-22		X			2	"

Relinquished by: <i>GeoLogic</i>	Date 11/16/21	Time 12:45	Received by: <i>GeoLogic Sample Refrig.</i>	Date 11/16/21	Time 12:45
Relinquished by: <i>GeoLogic Sample Refrig</i>	Date 11/16/21	Time 14:00	Received by: <i>X J.B. [Signature]</i>	Date 11/16/21	Time 2:00
Relinquished by: Samples Received On Ice	Date	Time	Received for Lab by: <i>[Signature]</i>	Date 11/16/21	Time 15:15

Method of Shipment: LAB PICK UP X TEMP 5.7°C

COMMENTS:

Sample Analysis (1 µg/L reporting limit)

EPA 8260B for

1,1,1-Trichloroethane

1,1-Dichloroethene

1,2-Dichloroethene

Trichloroethene

Tetrachloroethene

Vinyl Chloride

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: GEOLOGIC

Date and Time Received:

11/16/2021 3:15:00 PM

Work Order Number: 2119518

Received by:

tjn

Checklist completed by:

JS

11-16-21

Reviewed by:

DR

11/17/21

Initials

Date

Initials

Date

Delivery Method: Courier

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Applicable ☒
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	
Water - VOA vials have zero headspace?	Yes ☒	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☒

Comments:

Corrective Action:



Life Science Laboratories, Inc.

5854 Butternut Drive
East Syracuse, NY 13057

(315) 445-1900

Thursday, December 30, 2021

Mr. Christopher Gabriel
GeoLogic NY, Inc.
37 Copeland Ave.
Homer, NY 13077

TEL: 607 749-5000

Project: 210087

RE: Analytical Results

Order No.: 2121367

Dear Mr. Christopher Gabriel:

Life Science Laboratories, Inc. received 4 sample(s) on 12/21/2021 for the analyses presented in the following report. Sample results relate only to the samples as received by the laboratory.

Very truly yours,
Life Science Laboratories, Inc.

David J Prichard
Project Manager



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087

W Order: 2121367

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 12/30/21 8:07

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2121367-001A

Client Sample ID: Cascade

Collection Date: 12/16/21 10:45

Date Received: 12/21/21 16:30

PrepDate:

BatchNo: R35176

FileID: 1-SAMP-R7758.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		12/29/21 17:01
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		12/29/21 17:01
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		12/29/21 17:01
Tetrachloroethene	ND	0.50	0.10	µg/L	1		12/29/21 17:01
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		12/29/21 17:01
Trichloroethene	0.13 J	0.50	0.10	µg/L	1		12/29/21 17:01
Vinyl chloride	ND	1.00	0.33	µg/L	1		12/29/21 17:01
Surr: 1,2-Dichloroethane-d4	94	75-130	0.16	%REC	1		12/29/21 17:01
Surr: Toluene-d8	106	75-125	0.10	%REC	1		12/29/21 17:01
Surr: 4-Bromofluorobenzene	93	75-125	0.10	%REC	1		12/29/21 17:01

Qualifiers:

* Value may exceed the Acceptable Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

Print Date: 12/30/21 8:07

981945

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087

W Order: 2121367

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 12/30/21 8:07

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2121367-002A

Client Sample ID: Tower Discharge

Collection Date: 12/16/21 11:00

Date Received: 12/21/21 16:30

PrepDate:

BatchNo: R35176

FileID: 1-SAMP-R7759.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		12/29/21 17:38
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		12/29/21 17:38
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		12/29/21 17:38
Tetrachloroethene	ND	0.50	0.10	µg/L	1		12/29/21 17:38
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		12/29/21 17:38
Trichloroethene	0.13 J	0.50	0.10	µg/L	1		12/29/21 17:38
Vinyl chloride	ND	1.00	0.33	µg/L	1		12/29/21 17:38
Surr: 1,2-Dichloroethane-d4	96	75-130	0.16	%REC	1		12/29/21 17:38
Surr: Toluene-d8	105	75-125	0.10	%REC	1		12/29/21 17:38
Surr: 4-Bromofluorobenzene	95	75-125	0.10	%REC	1		12/29/21 17:38

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

Print Date: 12/30/21 8:07

981946

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087

W Order: 2121367

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 12/30/21 8:07

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2121367-003A

Client Sample ID: *Tower Influent*

Collection Date: 12/16/21 11:15

Date Received: 12/21/21 16:30

PrepDate:

BatchNo: R35176

FileID: 1-SAMP-R7760.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		12/29/21 18:14
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		12/29/21 18:14
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		12/29/21 18:14
Tetrachloroethene	ND	0.50	0.10	µg/L	1		12/29/21 18:14
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		12/29/21 18:14
Trichloroethene	0.86	0.50	0.10	µg/L	1		12/29/21 18:14
Vinyl chloride	ND	1.00	0.33	µg/L	1		12/29/21 18:14
Surr: 1,2-Dichloroethane-d4	94	75-130	0.16	%REC	1		12/29/21 18:14
Surr: Toluene-d8	106	75-125	0.10	%REC	1		12/29/21 18:14
Surr: 4-Bromofluorobenzene	94	75-125	0.10	%REC	1		12/29/21 18:14

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

Print Date: 12/30/21 8:07

981947

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087

W Order: 2121367

Matrix: WATER Q

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 12/30/21 8:07

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2121367-004A

Client Sample ID: Trip Blank

Collection Date: 11/05/21 0:00

Date Received: 12/21/21 16:30

PrepDate:

BatchNo: R35176

FileID: 1-SAMP-R7761.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		12/29/21 18:51
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		12/29/21 18:51
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		12/29/21 18:51
Tetrachloroethene	ND	0.50	0.10	µg/L	1		12/29/21 18:51
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		12/29/21 18:51
Trichloroethene	ND	0.50	0.10	µg/L	1		12/29/21 18:51
Vinyl chloride	ND	1.00	0.33	µg/L	1		12/29/21 18:51
Surr: 1,2-Dichloroethane-d4	95	75-130	0.16	%REC	1		12/29/21 18:51
Surr: Toluene-d8	106	75-125	0.10	%REC	1		12/29/21 18:51
Surr: 4-Bromofluorobenzene	93	75-125	0.10	%REC	1		12/29/21 18:51

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

Print Date: 12/30/21 8:07

981948

Project Supervisor: David J Prichard

GeoLogic NY, P.C.

CHAIN OF CUSTODY RECORD

2121367

CLIENT: GeoLogic

SAMPLERS NAME(S):

PROJECT: 210087

C. T. GABRIEL

SAMPLE LOCATION	DATE	TIME	SAMPLE TYPE			NO. of SAMPLES	ANALYSIS REQUIRED
			WATER	SOIL	AIR		
Cascade	12-16	10:45	X			2	See Below
Tower Discharge	12-16	11:00	X			2	"
Tower Influent	12-16	11:15	X			2	"
Trip Blank	11-5		X			2	"

Relinquished by:	Date	Time	Received by:	Date	Time
<i>[Signature]</i> of GeoLogic	12/16/21	12:43	GeoLogic Sample Refrig.	12/16/21	12:43
Relinquished by:	Date	Time	Received by:	Date	Time
GeoLogic Sample Refrig	12/21/21	9:30	Jamie Messick	12/21/21	9:30
Relinquished by:	Date	Time	Received for Lab by:	Date	Time
Jamie Messick	12/21/21	16:30	<i>[Signature]</i>	12-21-21	16:30

Method of Shipment: LAB PICK UP TEMP 31.1°C

COMMENTS:

Sample Analysis (1 µg/L reporting limit)

EPA 8260B for

1,1,1-Trichloroethane

1,1-Dichloroethene

cis- & trans-1,2-Dichloroethene

Trichloroethene

Tetrachloroethene

Vinyl Chloride

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: GEOLOGIC

Date and Time Received:

12/21/2021 4:30:00 PM

Work Order Number: 2121367

Received by:

gis

Checklist completed by:

Initials

JS

Date

12-21-21

Reviewed by:

Initials

DP

Date

12/22/21

Delivery Method: Courier

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Applicable ☒
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	
Water - VOA vials have zero headspace?	Yes ☒	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☒

Comments:

Corrective Action:

APPENDIX F

SSD/SVE ANALYTICAL RESULTS FROM 2021 SAMPLING EVENT



CENTEK LABORATORIES, LLC

143 Midler Park Drive * Syracuse, NY 13206

Phone (315) 431-9730 * Emergency 24/7 (315) 416-2752

NYSDOH ELAP

Certificate No. 11830

Analytical Report

Chris Gabriel
GeoLogic NY, PC
37 Copeland Ave.
Homer, NY 13077

Monday, November 29, 2021
Order No.: C2111049

TEL: 607-749-5000

FAX 607-749-5063

RE: Former Smith Corona

Dear Chris Gabriel:

Centek Laboratories, LLC received 1 sample(s) on 11/18/2021 for the analyses presented in the following report.

I certify that this data package is in compliance with the terms and conditions of the Contract, both technically and for completeness. Release of the data contained in this hardcopy data package and/or in the computer readable data submitted has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Centek Laboratories performs all analyses according to EPA, NIOSH or OSHA-approved analytical methods. Centek Laboratories is dedicated to providing quality analyses and exceptional customer service. All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objective except as indicated in the case narrative. All samples were received and analyzed within the EPA recommended holding times. Test results are not Method Blank (MB) corrected for contamination.

We do our best to make our reporting format clear and understandable and hope you are thoroughly satisfied with our services. Please contact your client service representative at (315) 431-9730 or myself, if you would like any additional information regarding this report.

Thank you for using Centek Laboratories. This report can not be reproduced except in its entirety, without prior written authorization.

Sincerely,

William Dobbin
Lead Technical Director

Disclaimer: The test results and procedures utilized, and laboratory interpretations of the data obtained by Centek as contained in this report are believed by Centek to be accurate and reliable

for sample(s) tested. In accepting this report, the customer agrees that the full extent of any and all liability for actual and consequential damages of Centek for the services performed shall be equal to the fee charged to the customer for the services as liquidated damages. ELAP does not offer certification for the following parameters by this method at present time, they are: 4-ethyltoluene, ethyl acetate, propylene, Tetrahydrofuran, 4-PCH, sulfur derived and silicon series compounds.

Centek Laboratories, LLC Terms and Conditions

Sample Submission

All samples sent to Centek Laboratories should be accompanied by our Request for Analysis Form or Chain of Custody Form. A Chain of Custody will be provided with each order shipped for all sampling events, or if needed, one is available at our website www.CentekLabs.com. Samples received after 3:00pm are considered to be a part of the next day's business.

Sample Media

Samples can be collected in an canister or a Tedlar bag. Depending on your analytical needs, Centek Laboratories may receive a bulk, liquid, soil or other matrix sample for headspace analysis.

Blanks

Every sample is run with a surrogate or tracer compound at a pre-established concentration. The surrogate compound run with each sample is used as a standard to measure the performance of each run of the instrument. If required, a Minican can be provided containing nitrogen to be run as a trip blank with your samples.

Sampling Equipment

Centek Laboratories will be happy to provide the canisters to carry-out your sampling event at no charge. The necessary accessories, such as regulators, tubing or personal sampling belts, are also provided to meet your sampling needs. The customer is responsible for all shipping charges to the client's destination and return shipping to the laboratory. Client assumes all responsibility for lost, stolen and any damages of equipment.

Turn Around time (TAT)

Centek Laboratories will provide results to its clients in one business-week by 6:00pm EST after receipt of samples. For example, if samples are received on a Monday they are due on the following Monday by 6:00pm EST. Results are faxed or emailed to the requested location indicated on the Chain of Custody. Non-routine analysis may require more than the one business-week turnaround time. Please confirm non-routine sample turnaround times.

Reporting

Results are emailed or faxed at no additional charge. A hard copy of the result report is mailed within 24 hours of the faxing or emailing of your results. Cat "B" like packages are within 3-4 weeks from time of analysis. Standard Electronic Disk Deliverables (EDD) is also available at no additional charge.

Payment Terms

Payment for all purchases shall be due within 30 days from date of invoice. The client agrees to pay a finance charge of 1.5% per month on the overdue balance and cost of collection, including attorney fees, if collection proceedings are necessary. You must have a completed credit

application on file to extend credit. Purchase orders or checks information must be submitted for us to release results

Rush Turnaround Samples

Expedited turn around times is available. Please confirm rush turnaround times with Client Services before submitting samples.

Applicable Surcharges for Rush Turnaround Samples:

Same day TAT = 200%

Next business day TAT by Noon = 150%

Next business day TAT by 6:00pm = 100%

Second business day TAT by 6:00pm = 75%

Third business day TAT by 6:00pm = 50%

Fourth business day TAT by 6:00pm = 35%

Fifth business day = Standard

Statement of Confidentiality

Centek Laboratories, LLC is aware of the importance of the confidentiality of results to many of our clients. Your name and data will be held in the strictest of confidence. We will not accept business that may constitute a conflict of interest. We commonly sign Confidential Nondisclosure Agreements with clients prior to beginning work. All research, results and reports will be kept strictly confidential. Secrecy Agreements and Disclosure Statements will be signed for the client if so specified. Results will be provided only to the addressee specified on the Chain of Custody Form submitted with the samples unless law requires release. Written permission is required from the addressee to release results to any other party.

Limitation on Liability

Centek Laboratories, LLC warrants the test results to be accurate to the methodology and sample type for each sample submitted to Centek Laboratories, LLC. In no event shall Centek Laboratories, LLC be liable for direct, indirect, special, punitive, incidental, exemplary or consequential damages, or any damages whatsoever, even if Centek Laboratories, LLC has been previously advised of the possibility of such damages whether in an action under contract, negligence, or any other theory, arising out of or in connection with the use, inability to use or performance of the information, services, products and materials available from the laboratory or this site. These limitations shall apply notwithstanding any failure of essential purpose of any limited remedy. Because some jurisdictions do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of liability for consequential or incidental damages, the above limitations may not apply to you. This is a comprehensive limitation of liability that applies to all damages of any kind, including (without limitation) compensatory, direct, indirect or consequential damages, loss of data, income or profit and or loss of or damage to property and claims of third parties.



CEN TEK LABORATORIES, LLC

Date: 29-Nov-21

CLIENT: GeoLogic NY, PC
Project: Former Smith Corona
Lab Order: C2111049

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Centek Laboratories, LLC SOP TS-80
Compendium of Methods for the Determination of Toxic Organic Compounds, Compendium Method TO-15, January 1999

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objective except as indicated in the corrective action report(s). All samples were received and analyzed within the EPA recommended holding times. Test results are not Method Blank (MB) corrected for contamination.

NYSDEC ASP samples:

Canisters should be evacuated to a reading of less than or equal to 50 millitorr prior to shipment to sampling personnel. The vacuum in the canister will be field checked prior to sampling, and must read 28" of Hg (± 2 ", vacuum, absolute) before a sample can be collected. After the sample has been collected, the pressure of the canister will be read and recorded again, and must be 5" of Hg (± 1 ", vacuum, absolute) for the sample to be valid. Once received at the laboratory, the canister vacuum should be confirmed to be 5" of Hg ± 1 ". Please record and report the pressure/vacuum of received canisters on the sample receipt paperwork. A pressure/vacuum reading should also be taken just prior to the withdrawal of sample from the canister, and recorded on the sample preparation log sheet. All regulators are calibrated to meet these requirements before they leave the laboratory. However, due to environmental conditions and use of the equipment Centek can not guarantee that this criteria can always be achieved.

Centek Labs - Chain of Custody				Site Name: <u>Former Smith Corona</u>		Detection Limit		Report Level	
143 Midler Park Drive Syracuse, NY 13206 315-431-9730 www.CentekLabs.com Vapor Intrusion & IAQ				Project: <u>210087</u>		5ppbv		Level I	
				PO#: <u>Q-37</u>		1ug/M3		Level II	
				Quote # <u>Q-37</u>		1ug/M3 + 0.2 NYS		Cat "B" Like	
				Canister Order #: <u>9092</u>					
Company: <u>Geologic NY, P.C.</u> Report to: <u>P.O. Box 350</u> Address: <u>City, State, Zip 13-77</u> Email: <u>Geologic NY @ Geologic NY, P.C.</u> Phone: <u>607-749-3000</u>				Company: <u>Check Here If Same:</u> Invoice to: <u>Address:</u> City, State, Zip <u>City, State, Zip</u> Email: <u>Email:</u> Phone: <u>Phone:</u>					
TAT Turnaround Time: ☒ 5 Business Days ☐ 4 Business Days ☐ 3 Business Days ☐ 2 Business Days ☐ *Next Day by 5pm ☐ *Next Day by Noon ☐ *Same Day				Rush TAT Due Date: 0% 25% 50% 75% 100% 150% 200%					
Sample ID: <u>550/SUE</u> Date Sampled: <u>11/18/21</u> Canister Number: <u>353</u> Regulator Number: <u>80</u> Analysis Request: <u>70-15 P-14</u> <u>following</u> <u>parameters only:</u> <u>1,1,1-Trichloroethane</u> <u>1,1-Dichloroethene</u> <u>cis-1,2-Dichloroethene</u> <u>trans-1,2-Dichloroethene</u> <u>Trichloroethene</u> <u>Tetrachloroethene</u> <u>Vinyl Chloride</u>				Field Vacuum Start / Stop: <u>-28 1-6.5</u> Labs Vacuum** Recv/Analysis: <u>81</u> Comments:					
Chain of Custody Sampled by: <u>C.T. GASHIR</u> Relinquished by: <u>James A. Menzel, Jr. GNY</u> Received at Lab by: <u>Robert Gashir</u>				Print Name: <u>C.T. GASHIR</u> Signature: <u>[Signature]</u> Date/Time: <u>11/18/21 11:20</u> Courier: CIRCLE ONE FedEx UPS Pickup/Dropoff					
Work Order #: <u>2111049</u> **For LAB USE ONLY									



CENTEK LABORATORIES, LLC

Sample Receipt Checklist

Client Name: GEOLOGIC

Date and Time Received

11/19/2021

Work Order Number C2111049

Received by: RG

Checklist completed by

Robyn Riddle 11/19/21
Signature Date

Reviewed by

WD 11/19/2021
Initials Date

Matrix:

Carrier name: Drop Off

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	
COC signed when relinquished and received?	Yes ☒	No ☐	
COC agrees with sample labels?	Yes ☒	No ☐	
COC completely filled out?	Yes ☐	No ☒	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	
Water - VOA vials have zero headspace?	No VOA vials submitted ☒	Yes ☐	No ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☒	

Adjusted?

Checked by

Any No and/or NA (not applicable) response must be detailed in the comments section below

Client contacted:

yes

Date contacted:

11/19/21

Person contacted:

Forrest

Contacted by:

Robyn

Regarding:

NO site name on COC

Comments:

Corrective Action:

called and received site name from Forrest.

QC'd By:

WD

DATE:

11/29/2021



Date: 29-Nov-21

CLIENT: GeoLogic NY, PC
Project: Former Smith Corona
Lab Order: C2111049

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
C2111049-001A	SSD/SVE	353,80	11/18/2021	11/18/2021

Lab Order: C2111049
Client: GeoLogic NY, PC
Project: Former Smith Corona

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
C2111049-001A	SSD/SVE	11/18/2021	Air	1ug/M3 by Method TO15			11/22/2021
				1ug/M3 by Method TO15			11/23/2021
				1ug/M3 by Method TO15			11/22/2021

Centek Laboratories, LLC**Date:** 29-Nov-21

CLIENT: GeoLogic NY, PC
Lab Order: C2111049
Project: Former Smith Corona
Lab ID: C2111049-001A

Client Sample ID: SSD/SVE
Tag Number: 353,80
Collection Date: 11/18/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD		Analyst:		
Lab Vacuum In	-8			"Hg		11/18/2021
Lab Vacuum Out	-30			"Hg		11/18/2021
1UG/M3 BY METHOD TO15		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	1.3	0.15		ppbV	1	11/22/2021 2:42:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	11/22/2021 2:42:00 PM
cis-1,2-Dichloroethene	6.8	1.5		ppbV	10	11/22/2021 11:01:00 PM
Tetrachloroethylene	3.4	1.5		ppbV	10	11/22/2021 11:01:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	11/22/2021 2:42:00 PM
Trichloroethene	480	81		ppbV	540	11/23/2021 8:25:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	11/22/2021 2:42:00 PM
Surr: Bromofluorobenzene	78.0	46.7-129		%REC	1	11/22/2021 2:42:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Page 1 of 1

Centek Laboratories, LLC**Date:** 29-Nov-21

CLIENT: GeoLogic NY, PC
Lab Order: C2111049
Project: Former Smith Corona
Lab ID: C2111049-001A

Client Sample ID: SSD/SVE
Tag Number: 353,80
Collection Date: 11/18/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	7.0	0.82		ug/m3	1	11/22/2021 2:42:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	11/22/2021 2:42:00 PM
cis-1,2-Dichloroethene	27	5.9		ug/m3	10	11/22/2021 11:01:00 PM
Tetrachloroethylene	23	10		ug/m3	10	11/22/2021 11:01:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	11/22/2021 2:42:00 PM
Trichloroethene	2600	440		ug/m3	540	11/23/2021 8:25:00 AM
Vinyl chloride	< 0.38	0.38		ug/m3	1	11/22/2021 2:42:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Page 1 of 1

APPENDIX G

NYSDEC CORRESPONDENCE & SHUTDOWN TEST REPORT

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Remedial Bureau E

625 Broadway, 12th Floor, Albany, NY 12233-7017

P: (518) 402-9813 | F: (518) 402-9819

www.dec.ny.gov

December 20, 2021

Cortlandville Commerce Center
David Yaman
838 NYS Route 13
Cortland, NY 13045

Re: Recovery Well Shutdown Test Summary Report Response Letter
SCM - Cortlandville, Cortlandville
Cortland County, Site No.: 712006

Dear David Yaman (as the Certifying Party):

The New York State Department of Environmental Conservation and Department of Health (Agencies) have reviewed the Recovery Well Shutdown Test Summary Report dated September 16, 2021 for the SCM – Cortlandville site (NYSDEC Site #712006) located at 839 NYS Route 13, Cortlandville, Cortland County, New York. The Agencies hereby accept the following list of recommendations provided in the Report.

- The operation of the Groundwater Extraction and Treatment System for the purpose of controlling and remediating Site groundwater can be discontinued for a period of two years.
 - The use of the GWETS to cool the heat exchanger during the operation of the air conditioning system can continue.
 - Sampling of the GWETS Influent, Tower Discharge and Cascade Outfall can be discontinued while the GWETS is in use for cooling purposes.
- Quarterly groundwater monitoring should be continued for a period of two years
 - During the first three quarterly sampling events each year 10 monitoring wells (MW-1S, MW-1D, MW-6, MW-7, MW-8, MW-10S, MW-10D, MW-11, MW-12S and MWL-16) should be sampled.
 - During the fourth quarterly sampling event each year all 16 monitoring wells (MW-1S, MW-1D, MW-2S, MW-4D, MW-5S, MW-5D, MW-6, MW-7, MW-8, MW-9, MW-10S, MW-10D, MW-11, MW-12S, MW-12D and MWL-16) should be sampled.
- All groundwater samples should be submitted for analysis to Life Science Laboratories, Inc., LSL Central Lab located at 5854 Butternut Drive, East Syracuse, New York. The groundwater samples were analyzed for specific VOCs (1,1,1-Trichloroethane, 1,1- Dichloroethene, 1,2-Dichloroethene, Trichloroethene, Tetrachloroethene and Vinyl Chloride) utilizing EPA Method 8260B.



Department of
Environmental
Conservation

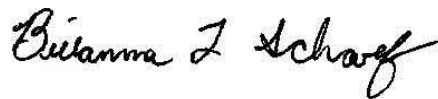
- If at any time during the post-remediation monitoring period any of the samples exceed the site-wide clean-up criteria, the GWETS should be restarted.

In addition to the recommended sampling provided in the Recovery Well Shutdown Test Summary Report, the Cortland Water Soil and Water District has requested additional monthly sampling. The Certifying Party finds the request acceptable, and will include the following:

- Monthly post remediation monitoring for the first 6 months post GWETS shutdown. These monthly events (4 total) would occur between the planned quarterly sampling events.
- The additional monthly sampling (4 total events) will be collected from the 4 monitoring wells included below:
 - MW-11 (source area)
 - MW-12S (downgradient of the source area)
 - MW-1S (downgradient boundary)
 - MW-10S (downgradient boundary)

If you have any questions, or need additional forms, please contact me at 518-402-5987 or e-mail: brianna.scharf@dec.ny.gov.

Sincerely,



Brianna Scharf
Project Manager
Remedial Bureau E, Section C
Division of Environmental Remediation

ec: *All via e-mail*

Sarah Saucier, NYSDEC
Steven Berninger, NYSDOH
Jonathan Robinson, NYSDOH
Scarlet McLaughlin, NYSDOH
Kathy McGrath, CCS & WCD
Michael Ryan, P.E., CCS & WCD
Stephen Kalette, Esq. SCM
Doreen Simmons, Esq.
Nathan Kranes, P.G., TRC

cc (owner(s)):

David Yaman Realty Services
David Yaman
Forrest Earl, Geologic NY, P.C.



September 16, 2021

Ms. Brianna Scharf
New York State Department of Environmental Conservation
625 Broadway, BURE
Albany, New York 12233

Reference: **Shutdown Test Report
Former Smith Corona
839 NYS Route 13
Cortlandville, New York 13045
NYSDEC Site No. 712006**

Dear Ms. Scharf:

GeoLogic NY, P.C. (GeoLogic), was retained by Cortland Commerce Center to complete a shutdown test of the groundwater extraction and treatment system (GWETS) at the referenced Site. The location of the Site is depicted on Drawing No. 1, Appendix A. This letter summarizes the work completed between March 8, 2021 and May 21, 2021.

Background

The purpose of the shutdown test was to assess groundwater conditions at the Site under non-pumping conditions. The locations of the recovery well, as well as on-site monitoring wells, are depicted on Drawing No. 2, Appendix A.

The concept of a shutdown test was discussed with representatives of New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH) on January 19, 2021.

On February 9, 2021, GeoLogic submitted "Proposed Shutdown Test" to the NYSDEC and NYSDOH. On March 16, 2021, the NYSDEC and NYSDOH provided comments and requested a finalized Proposed Shutdown Test be submitted. GeoLogic revised the Proposed Shutdown Test per the NYSDEC's and NYSDOH's comments. On March 29, 2021, GeoLogic submitted the finalized Proposed Shutdown Test to the NYSDEC and NYSDOH.

Summary of Shutdown Test

The recovery well was shutdown on March 17, 2021. All groundwater elevations are summarized on Table No. 1, located in Appendix B.

The shutdown test was completed consistent with the NYSDEC & NYSDOH approved work plan.

Prior to the shutdown, groundwater elevations were gauged at the recovery well and all monitoring well locations on-site on March 8, 10, 12 and 15, 2021. On March 17, prior to the shutdown, monthly system samples were collected from the Cascade, Tower Discharge and Tower Influent.

On March 16, 2021, pressure transducers were installed in wells MW-10S, MW-10D, MW-12S, MW-12D and the piezometer to allow for equilibration. On March 17, 2021, the transducers were programmed to capture water levels for a period of 24 hours following the recovery well shutdown.

On the first day of the shutdown, March 17, 2021, groundwater elevations were manually gauged four times (once before shutdown and three times after shutdown) at the recovery well and at all monitoring well locations on-site.

The first week after the shutdown, groundwater elevations were gauged at the recovery well and all monitoring well locations on-site on March 18 and 19, 2021.

On March 23, 2021, groundwater elevations were gauged at the recovery well and at all monitoring well locations on-site. Groundwater samples were obtained from monitoring wells MW-1S, MW-1D, MW-2S (MW-2D is damaged), MW-4D (MW-4S is damaged), MW-5S, MW-5D, MW-6, MW-7, MW-8, MW-9, MW-10S, MW-10D, MW-11, MW-12S, MW-12D, MW-L16 and TMW-1.

On April 2, 2021, GeoLogic submitted a data packet containing the following information:

- Shallow well groundwater contour map for 3-17-2021 Pre-Shutdown;
- Deep well groundwater contour map for 3-17-2021 Pre-Shutdown;
- Shallow well groundwater contour map for 3-23-2021 Post-Shutdown;
- Deep well groundwater contour map for 3-23-2021 Post-Shutdown;
- Analytical results for the 3-17-2021 system samples;
- Analytical results for the 3-23-2021 groundwater monitoring well samples;
- Data table summarizing the groundwater elevations between 3-8 and 3-19-2021;
- Data table summarizing field observations from the 3-23-2021 sampling event;
- Data from the pressure transducers installed in wells MW-10S, MW-10D, MW-12S, MW-12D and the piezometer.

A copy of the April 2, 2021 data submission is included in Appendix C.

On April 20, 2021, groundwater elevations were gauged at the recovery well and at all monitoring well locations on-site. Groundwater samples were obtained from monitoring wells MW-1S, MW-1D, MW-7, MW-10S, MW-10D, MW-11, MW-12S, MW-12D and TMW-1. These wells were selected because they have historically exhibited the highest TCE concentrations and include the perimeter wells where TCE concentrations over 5 µg/L were observed in the past.

On April 23, 2021, GeoLogic submitted a data packet containing the following information:

- Shallow well groundwater contour map for 4-20-2021 Post-Shutdown;
- Deep well groundwater contour map for 4-20-2021 Post-Shutdown;
- Data table summarizing field observations from the 4-20-2021 sampling event
- Analytical results for the 4-20-2021 groundwater monitoring well samples.

A copy of the April 23, 2021 data submission is included in Appendix D.

On May 18, 2021, groundwater elevations were gauged at the recovery well and at all monitoring well locations on-site. Shallow well and deep well groundwater contour maps (non-pumping) were developed using the May 18, 2021 data and are included as Drawings No. 3 and No. 4 in Appendix A. Groundwater samples were obtained from monitoring wells MW-1S, MW-1D, MW-2S (MW-2D is damaged), MW-4D (MW-4S is damaged), MW-5S, MW-5D, MW-6, MW-7, MW-8, MW-9, MW-10S, MW-10D, MW-11, MW-12S, MW-12D, MW-L16 and TMW-1.

All groundwater samples were submitted for analysis to Life Science Laboratories, Inc., LSL Central Lab located at 5854 Butternut Drive, East Syracuse, New York. The groundwater samples were analyzed for specific Volatile Organic Compounds (VOCs) (1,1,1-Trichloroethane, 1,1-Dichloroethene, 1,2-Dichloroethene, Trichloroethene, Tetrachloroethene and Vinyl Chloride) utilizing EPA Method 8260B. A copy of the May 18, 2020 laboratory analysis report is included in Appendix E.

On May 20, 2021, the recovery well pump was turned back on and the normal monitoring schedule resumed.

On May 21, 2021, groundwater elevations were gauged at the recovery well and at all monitoring well locations on-site. Shallow well and deep well groundwater contour maps (pumping) were developed using the May 21, 2021 data and are included as Drawings No. 5 and No. 6 in Appendix A.

Shutdown Test Findings

The shutdown test was completed consistent with the NYSDEC & NYSDOH approved work plan.

Each set of analytical results were reviewed and the TCE and DCE concentrations were tabulated to determine contaminant trends throughout the shutdown test. No exceedances were observed in any of the samples analyzed. The TCE and DCE concentrations observed at all wells in the three shutdown data sets were similar. In the March 23rd samples, the highest TCE concentration, 2.22 µg/L, was observed at Interior Shallow Well MW-7. In the April 20th samples, the highest TCE concentration, 1.78 µg/L, was also observed at Interior Shallow Well MW-7. In the May 18th samples, the highest TCE concentration, 1.82 µg/L, was observed at Interior Shallow Well MW-11.

The TCE concentrations observed in the November 2019 and November 2020 samples were included in Table No. 2 to facilitate a comparison of pumping and non-pumping conditions. No exceedances were observed in the 2019 or 2020 samples. In the November 2019 samples, the highest TCE concentration, 4.40 µg/L, was observed at Interior Shallow Well MW-11. In the November 2020 samples, the highest TCE concentration, 1.34 µg/L, was observed at Interior Shallow Well MW-12S.

Based upon the analytical results, the TCE concentrations observed in the monitoring wells were similar throughout the shutdown test and during pumping and non-pumping conditions. The TCE and DCE concentrations are summarized in Table No. 2, located in Appendix B.

In summary, no changes in groundwater contaminant concentrations were observed during the shutdown test and no exceedances were observed in any of the samples.

No 1,1,1-Trichloroethane, 1,1-Dichloroethene, Tetrachloroethene, trans-1,2-Dichloroethene, or Vinyl Chloride was detected in any of the samples analyzed and therefore these VOCs are not included in Table No. 2. No VOCs were detected in any of the trip blanks or equipment blanks.

Based upon the March 23, April 20 and May 18 groundwater contour maps, the direction of groundwater flow during non-pumping conditions is to the north, northwest. This finding is consistent with past data for the Site.

The change in groundwater elevations observed at the monitoring wells between May 18th (non-pumping) and May 21st (pumping) was utilized to approximate the radius of influence of the recovery well. The groundwater elevation decreased at all monitoring wells between May 18th and the morning of May 20th, which was prior to the recovery well being turned back on. Therefore, a decrease of 0.5 feet was attributed to seasonal variation and the balance was attributed to the influence of the recovery well. Based upon the normalized change in groundwater elevations, the only monitoring wells not within the radius of influence of the recovery well are MW-5S, MW-5D, MW-6 and MW-8. It is noted that MW-L16 was not accessible May 21st. Drawing No. 7, located in Appendix A, depicts the normalized change in groundwater elevations and the approximate radius of influence of the recovery well.

Recommendations

Based upon the findings of the shutdown test and the fact that all wells meet the New York State Class GA groundwater quality standards, it is recommended that the GWETS be shutdown.

GeoLogic proposed the following post-remediation groundwater monitoring:

- Quarterly groundwater monitoring will continue for a period of two years. During the first three quarterly sampling events each year 10 monitoring wells (MW-1S, MW-1D, MW-6, MW-7, MW-8, MW-10S, MW-10D, MW-11, MW-12S and MWL-16) will be sampled. During the fourth quarterly sampling event each year all 16 monitoring wells (MW-1S, MW-1D, MW-2S, MW-4D, MW-5S, MW-5D, MW-6, MW-7, MW-8, MW-9, MW-10S, MW-10D, MW-11, MW-12S, MW-12D and MWL-16) will be sampled.
- All groundwater samples were submitted for analysis to Life Science Laboratories, Inc., LSL Central Lab located at 5854 Butternut Drive, East Syracuse, New York. The groundwater samples were analyzed for specific VOCs (1,1,1-Trichloroethane, 1,1-Dichloroethene, 1,2-Dichloroethene, Trichloroethene, Tetrachloroethene and Vinyl Chloride) utilizing EPA Method 8260B.
- If at any time during the post-remediation monitoring period any of the samples exceed the site-wide clean-up criteria, the GWETS will be restarted.

- After completing two years of post-remediation groundwater monitoring, the data will be reviewed to determine if any additional monitoring is warranted.

It is noted that the facility intends to continue to operate the heat exchanger which utilizes groundwater pumped from the recovery well when the air conditioning is operating. Currently, Groundwater Remediation System samples are collected monthly from three locations, Treatment System Influent (i.e. the recovery well), Tower Discharge and Cascade Outfall. The Influent TCE concentration has been below 5 µg/L since May 2019. The Tower Discharge TCE concentration has been below 5 µg/L since February 2012. Based upon these results, no sampling is recommended when the recovery well is operated to for air conditioning purposes.

If you have any questions, or additional information is required, please do not hesitate to contact the undersigned.

Respectfully submitted,

GeoLogic NY, P.C.



Christopher T. Gabriel
Environmental Scientist



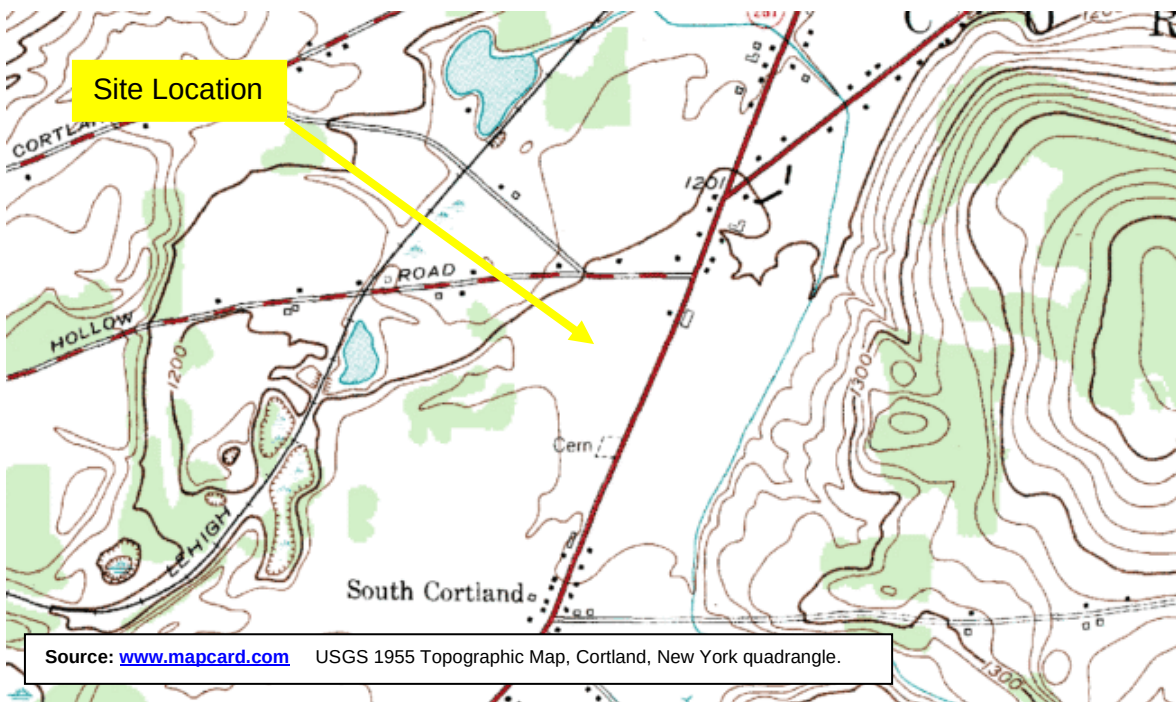
Forrest Earl, P.G.
President/Principal Hydrogeologist

Enc.: Appendix A Drawings
Appendix B Tables
Appendix C April 2, 2021 Data Submission
Appendix D April 23, 2021 Data Submission
Appendix E May 18, 2021 Laboratory Analysis Report

cc: *All via e-mail*
David Yaman, CCC
Sarah Saucier, NYSDEC
Kathy McGrath, CCS & WCD
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APPENDIX A

DRAWINGS

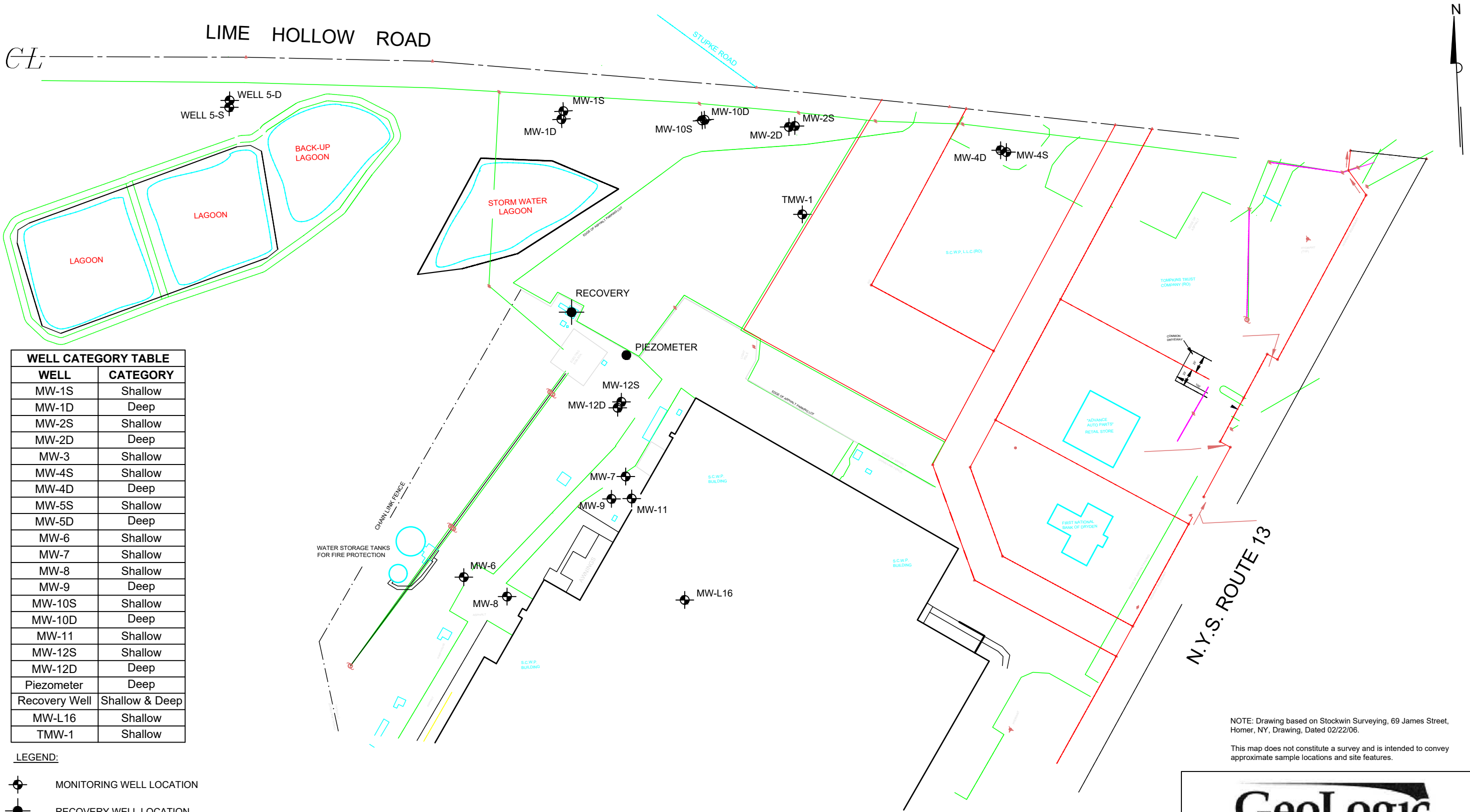


GeoLogic

GeoLogic NY, PC

SITE LOCATION PLAN
SITE #: 712006
FORMER SCM-CORTLANDVILLE
839 NYS ROUTE 13, CORTLANDVILLE, NY

DRAWN BY:	SCALE:	PROJECT NO:
CTG	Not To Scale	210087
REVIEWED BY:	DATE:	DRAWING NO:
FCE	AUG. 2021	1



WELL CATEGORY TABLE	
WELL	CATEGORY
MW-1S	Shallow
MW-1D	Deep
MW-2S	Shallow
MW-2D	Deep
MW-3	Shallow
MW-4S	Shallow
MW-4D	Deep
MW-5S	Shallow
MW-5D	Deep
MW-6	Shallow
MW-7	Shallow
MW-8	Shallow
MW-9	Deep
MW-10S	Shallow
MW-10D	Deep
MW-11	Shallow
MW-12S	Shallow
MW-12D	Deep
Piezometer	Deep
Recovery Well	Shallow & Deep
MW-L16	Shallow
TMW-1	Shallow

- LEGEND:**
- MONITORING WELL LOCATION
 - RECOVERY WELL LOCATION
 - PIEZOMETER LOCATION

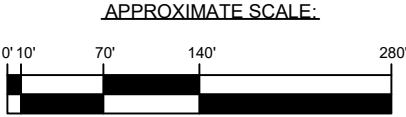
NOTE: Drawing based on Stockwin Surveying, 69 James Street, Homer, NY, Drawing, Dated 02/22/06.

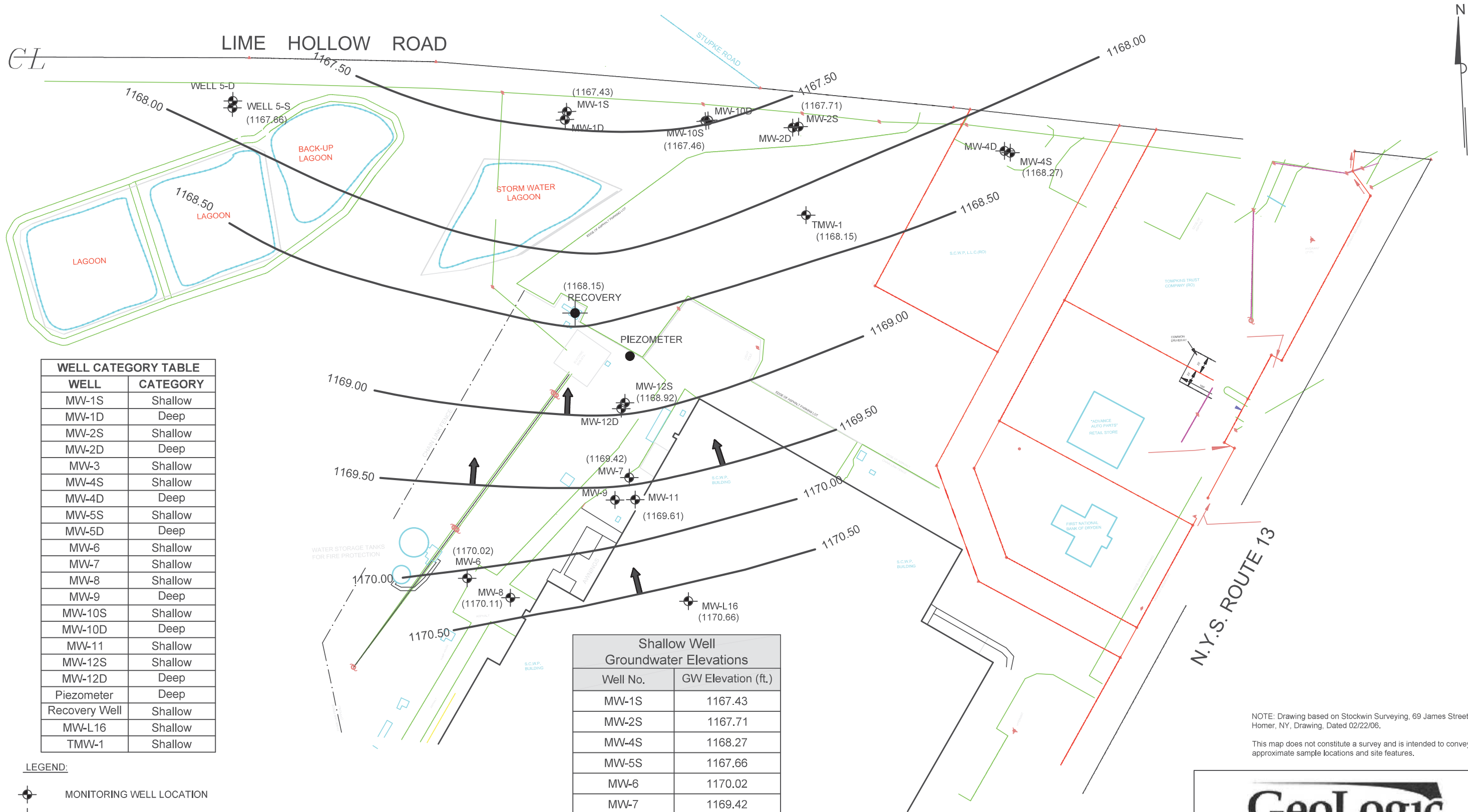
This map does not constitute a survey and is intended to convey approximate sample locations and site features.

GeoLogic
GeoLogic NY, PC, Homer, New York

MONITORING WELL LOCATION PLAN
FORMER SCM-CORTLANDVILLE (NYSDEC SITE NO. 712006)
839 NYS ROUTE 13
CORTLANDVILLE, NEW YORK

DRAWN BY: SDW/CTG	SCALE: AS SHOWN	PROJECT NO.: 210087
REVIEWED BY: FCE	DATE: MAR. 2021	DRAWING NO.: 2





WELL CATEGORY TABLE	
WELL	CATEGORY
MW-1S	Shallow
MW-1D	Deep
MW-2S	Shallow
MW-2D	Deep
MW-3	Shallow
MW-4S	Shallow
MW-4D	Deep
MW-5S	Shallow
MW-5D	Deep
MW-6	Shallow
MW-7	Shallow
MW-8	Shallow
MW-9	Deep
MW-10S	Shallow
MW-10D	Deep
MW-11	Shallow
MW-12S	Shallow
MW-12D	Deep
Piezometer	Deep
Recovery Well	Shallow
MW-L16	Shallow
TMW-1	Shallow

Shallow Well Groundwater Elevations	
Well No.	GW Elevation (ft.)
MW-1S	1167.43
MW-2S	1167.71
MW-4S	1168.27
MW-5S	1167.66
MW-6	1170.02
MW-7	1169.42
MW-8	1170.11
MW-10S	1167.46
MW-11	1169.61
MW-12S	1168.92
TMW-1	1168.15
Recovery Well	1168.15
MW-L16	1170.66

- LEGEND:
- MONITORING WELL LOCATION
 - RECOVERY WELL LOCATION
 - PIEZOMETER LOCATION
 - (1164.99) GROUNDWATER ELEVATION (FT.) FOR 05/18/2021.
 - 1162.0 GROUNDWATER ELEVATION CONTOUR FOR 05/18/2021.
 - DIRECTION OF GROUNDWATER FLOW

I:\210087\TECH\DRAWINGS\SHALLOW WELL GW CONTOUR MAP 05-18-21 & 05-18-21.DWG

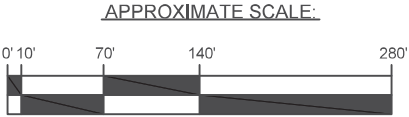
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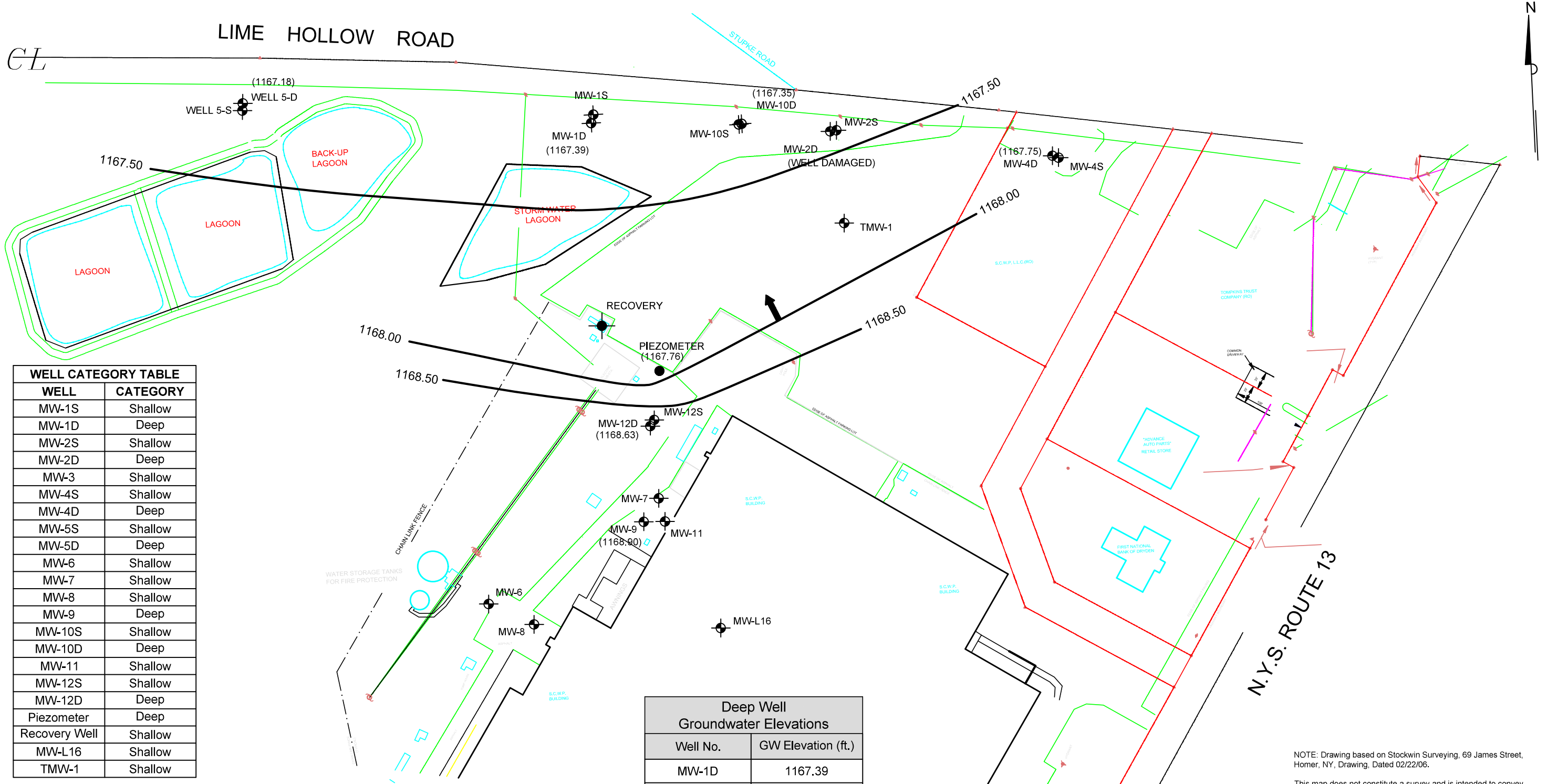
This map does not constitute a survey and is intended to convey approximate sample locations and site features.

GeoLogic NY, PC, Homer, New York

SHALLOW WELL GROUNDWATER CONTOUR MAP
FOR 05/18/2021 POST - SHUTDOWN PUMP OFF
FORMER SCM-CORTLANDVILLE (NYSDEC SITE NO. 712006)
839 NYS ROUTE 13
CORTLANDVILLE, NEW YORK

DRAWN BY: RTS/CTG	SCALE: AS SHOWN	PROJECT NO.: 210087
REVIEWED BY: FCE	DATE: MAY 2021	DRAWING NO.: 3





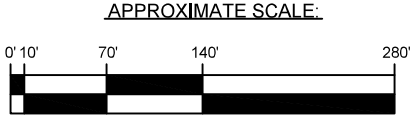
WELL CATEGORY TABLE	
WELL	CATEGORY
MW-1S	Shallow
MW-1D	Deep
MW-2S	Shallow
MW-2D	Deep
MW-3	Shallow
MW-4S	Shallow
MW-4D	Deep
MW-5S	Shallow
MW-5D	Deep
MW-6	Shallow
MW-7	Shallow
MW-8	Shallow
MW-9	Deep
MW-10S	Shallow
MW-10D	Deep
MW-11	Shallow
MW-12S	Shallow
MW-12D	Deep
Piezometer	Deep
Recovery Well	Shallow
MW-L16	Shallow
TMW-1	Shallow

Deep Well Groundwater Elevations	
Well No.	GW Elevation (ft.)
MW-1D	1167.39
MW-2D	-
MW-4D	1167.75
MW-5D	1167.18
MW-9	1168.90
MW-10D	1167.35
MW-12D	1168.63
Piezometer	1167.76

- LEGEND:**
- MONITORING WELL LOCATION
 - RECOVERY WELL LOCATION
 - PIEZOMETER LOCATION
 - (1164.99) GROUNDWATER ELEVATION (FT.) FOR 05/18/2021.
 - 1162.0 GROUNDWATER ELEVATION CONTOUR FOR 05/18/2021.
 - DIRECTION OF GROUNDWATER FLOW

I:\210087\TECH\DRAWING\DEEP WELL GW CONTOUR MAP 05-18-21 & 05-18-21.DWG

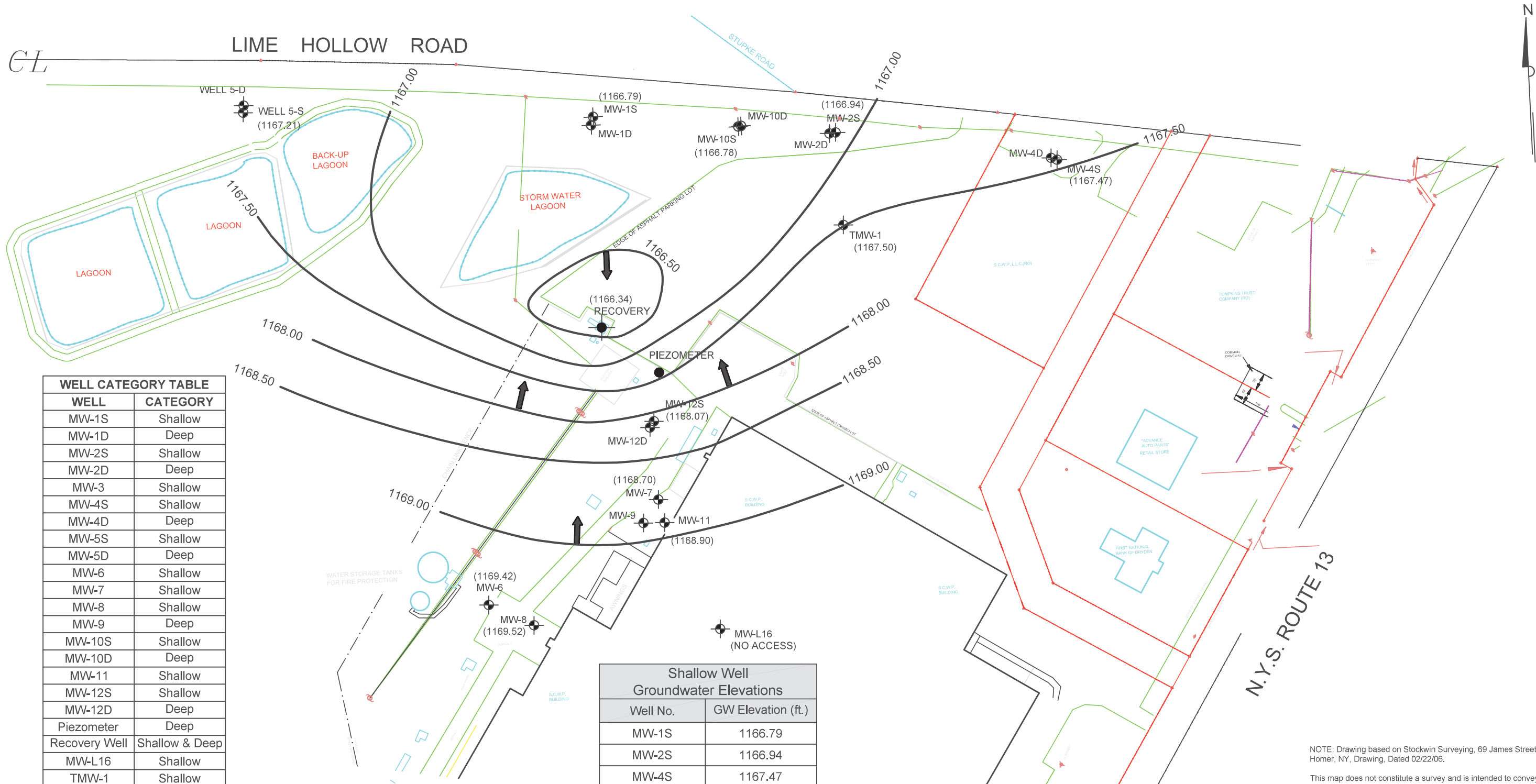
NOTE: Drawing based on Stockwin Surveying, 69 James Street, Homer, NY, Drawing, Dated 02/22/06.
This map does not constitute a survey and is intended to convey approximate sample locations and site features.



GeoLogic NY, PC, Homer, New York

DEEP WELL GROUNDWATER CONTOUR MAP
FOR 05/18/2021 POST - SHUTDOWN PUMP OFF
FORMER SCM-CORTLANDVILLE (NYSDEC SITE NO. 712006)
839 NYS ROUTE 13
CORTLANDVILLE, NEW YORK

DRAWN BY: RTS/CTG	SCALE: AS SHOWN	PROJECT NO.: 210087
REVIEWED BY: FCE	DATE: MAY 2021	DRAWING NO.: 4



WELL CATEGORY TABLE	
WELL	CATEGORY
MW-1S	Shallow
MW-1D	Deep
MW-2S	Shallow
MW-2D	Deep
MW-3	Shallow
MW-4S	Shallow
MW-4D	Deep
MW-5S	Shallow
MW-5D	Deep
MW-6	Shallow
MW-7	Shallow
MW-8	Shallow
MW-9	Deep
MW-10S	Shallow
MW-10D	Deep
MW-11	Shallow
MW-12S	Shallow
MW-12D	Deep
Piezometer	Deep
Recovery Well	Shallow & Deep
MW-L16	Shallow
TMW-1	Shallow

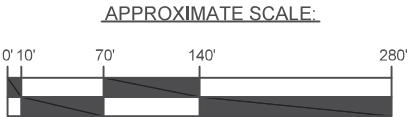
Shallow Well Groundwater Elevations	
Well No.	GW Elevation (ft.)
MW-1S	1166.79
MW-2S	1166.94
MW-4S	1167.47
MW-5S	1167.21
MW-6	1169.42
MW-7	1168.70
MW-8	1169.52
MW-10S	1166.78
MW-11	1168.90
MW-12S	1168.07
TMW-1	1167.50
Recovery Well	1166.34
MW-L16	NO ACCESS

- LEGEND:
- MONITORING WELL LOCATION
 - RECOVERY WELL LOCATION
 - PIEZOMETER LOCATION
 - (1164.99) GROUNDWATER ELEVATION (FT.) FOR 05/21/2021.
 - 1162.0 GROUNDWATER ELEVATION CONTOUR FOR 05/21/2021.
 - DIRECTION OF GROUNDWATER FLOW

I:\210087\TECH\DRAWINGS\SHALLOW WELL GW CONTOUR MAP 05-21-21 -PUMPING

NOTE: Drawing based on Stockwin Surveying, 69 James Street, Homer, NY, Drawing, Dated 02/22/06.

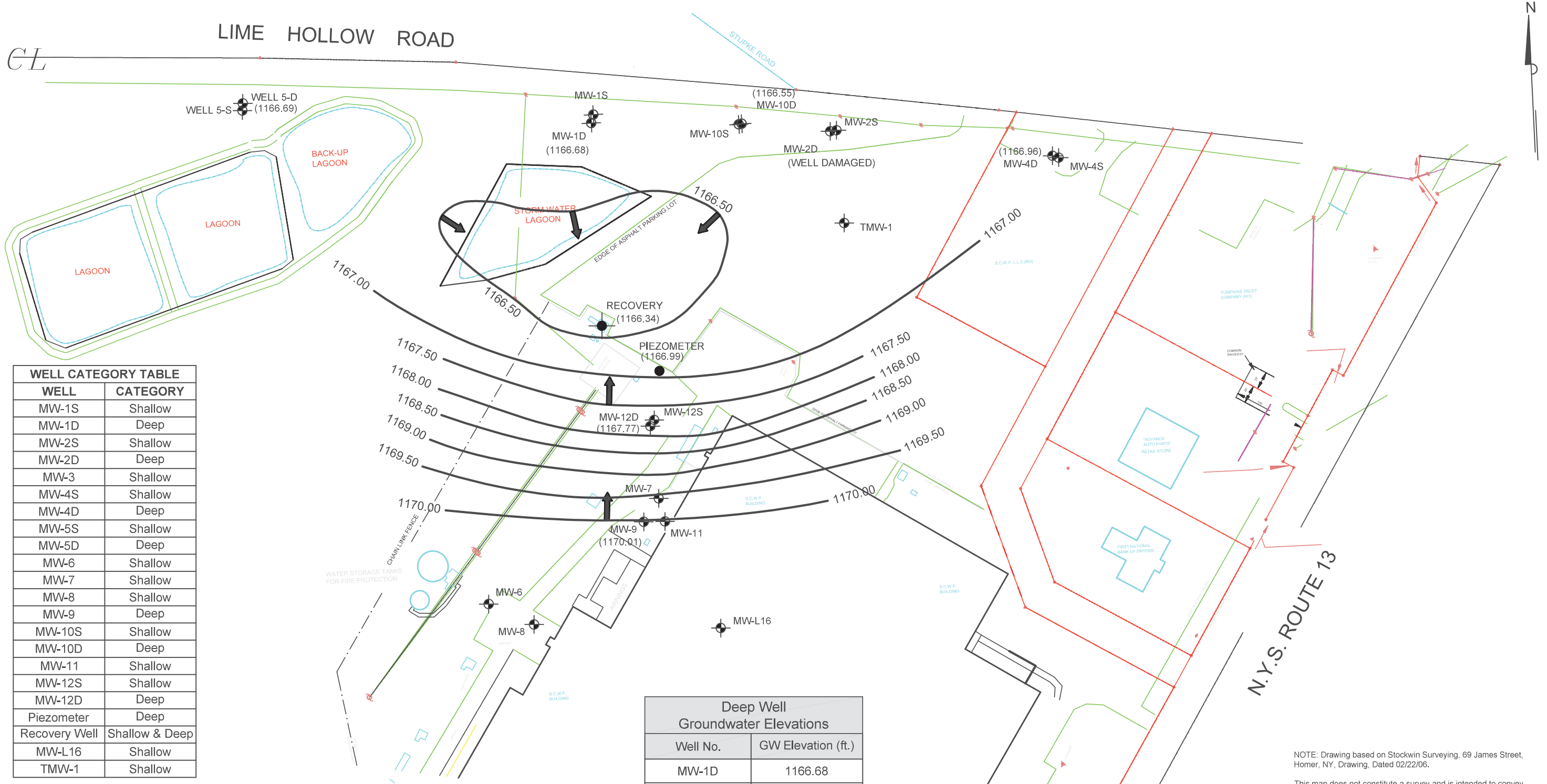
This map does not constitute a survey and is intended to convey approximate sample locations and site features.



GeoLogic NY, PC, Homer, New York

SHALLOW WELL GROUNDWATER CONTOUR MAP
FOR 05/21/2021 PUMP ON
FORMER SCM-CORTLANDVILLE (NYSDEC SITE NO. 712006)
839 NYS ROUTE 13
CORTLANDVILLE, NEW YORK

DRAWN BY: RTS/CTG	SCALE: AS SHOWN	PROJECT NO.: 210087
REVIEWED BY: FCE	DATE: MAY 2021	DRAWING NO.: 5



WELL CATEGORY TABLE	
WELL	CATEGORY
MW-1S	Shallow
MW-1D	Deep
MW-2S	Shallow
MW-2D	Deep
MW-3	Shallow
MW-4S	Shallow
MW-4D	Deep
MW-5S	Shallow
MW-5D	Deep
MW-6	Shallow
MW-7	Shallow
MW-8	Shallow
MW-9	Deep
MW-10S	Shallow
MW-10D	Deep
MW-11	Shallow
MW-12S	Shallow
MW-12D	Deep
Piezometer	Deep
Recovery Well	Shallow & Deep
MW-L16	Shallow
TMW-1	Shallow

Deep Well Groundwater Elevations	
Well No.	GW Elevation (ft.)
MW-1D	1166.68
MW-2D	-
MW-4D	1166.96
MW-5D	1166.69
MW-9	1170.01
MW-10D	1166.55
MW-12D	1167.77
Piezometer	1166.99
Recovery Well	1166.34

- LEGEND:**
- MONITORING WELL LOCATION
 - RECOVERY WELL LOCATION
 - PIEZOMETER LOCATION
 - (1164.99) GROUNDWATER ELEVATION (FT.) FOR 05/21/2021.
 - 1162.0 GROUNDWATER ELEVATION CONTOUR FOR 05/21/2021.
 - DIRECTION OF GROUNDWATER FLOW

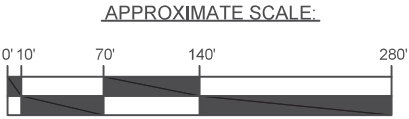
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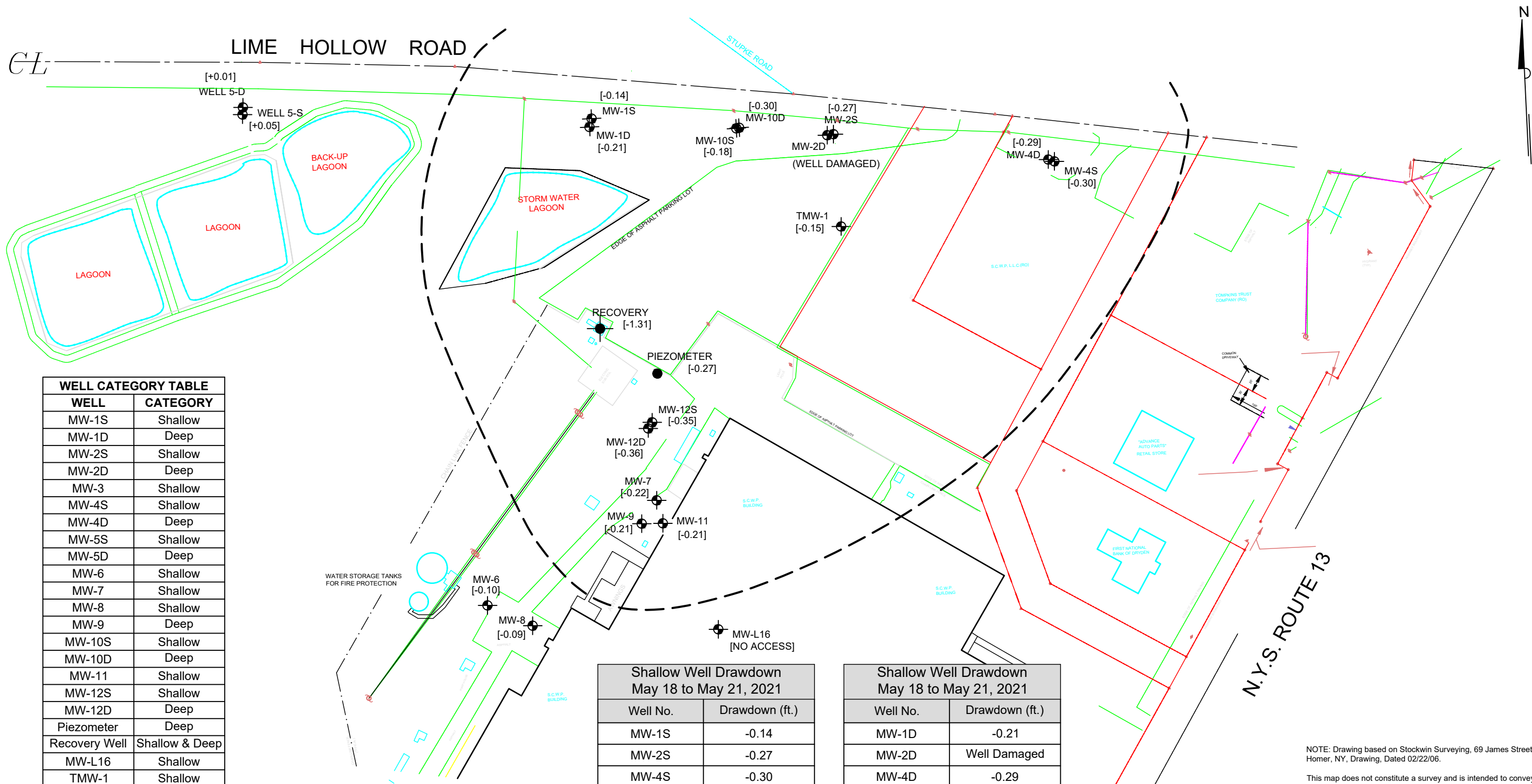
NOTE: Drawing based on Stockwin Surveying, 69 James Street, Homer, NY, Drawing, Dated 02/22/06.
This map does not constitute a survey and is intended to convey approximate sample locations and site features.

GeoLogic NY, PC, Homer, New York

DEEP WELL GROUNDWATER CONTOUR MAP
FOR 05/21/2021 PUMP ON
FORMER SCM-CORTLANDVILLE (NYSDEC SITE NO. 712006)
839 NYS ROUTE 13
CORTLANDVILLE, NEW YORK

DRAWN BY:	SCALE:	PROJECT NO.:
RTS/CTG	AS SHOWN	210087
REVIEWED BY:	DATE:	DRAWING NO.:
FCE	MAY 2021	6



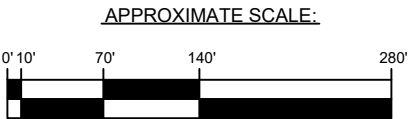


WELL CATEGORY TABLE	
WELL	CATEGORY
MW-1S	Shallow
MW-1D	Deep
MW-2S	Shallow
MW-2D	Deep
MW-3	Shallow
MW-4S	Shallow
MW-4D	Deep
MW-5S	Shallow
MW-5D	Deep
MW-6	Shallow
MW-7	Shallow
MW-8	Shallow
MW-9	Deep
MW-10S	Shallow
MW-10D	Deep
MW-11	Shallow
MW-12S	Shallow
MW-12D	Deep
Piezometer	Deep
Recovery Well	Shallow & Deep
MW-L16	Shallow
TMW-1	Shallow

- LEGEND:
- MONITORING WELL LOCATION
 - RECOVERY WELL LOCATION
 - PIEZOMETER LOCATION
 - APPROXIMATE RADIUS OF INFLUENCE
 - DRAWDOWN (FT.)

Shallow Well Drawdown May 18 to May 21, 2021	
Well No.	Drawdown (ft.)
MW-1S	-0.14
MW-2S	-0.27
MW-4S	-0.30
MW-5S	0.05
MW-6	-0.10
MW-7	-0.22
MW-8	-0.09
MW-10S	-0.18
MW-11	-0.21
MW-12S	-0.35
MW-L16	No Access
TMW-1	-0.15
Recovery Well	-1.31

Shallow Well Drawdown May 18 to May 21, 2021	
Well No.	Drawdown (ft.)
MW-1D	-0.21
MW-2D	Well Damaged
MW-4D	-0.29
MW-5D	0.01
MW-9	-0.21
MW-10D	-0.30
MW-12D	-0.36
Piezometer	-0.27
Recovery Well	-1.31



NOTE: Drawing based on Stockwin Surveying, 69 James Street, Homer, NY, Drawing, Dated 02/22/06.

This map does not constitute a survey and is intended to convey approximate sample locations and site features.

GeoLogic

GeoLogic NY, PC, Homer, New York

RECOVERY WELL RADIUS OF INFLUENCE
FORMER SCM-CORTLANDVILLE (NYSDEC SITE NO. 712006)
839 NYS ROUTE 13
CORTLANDVILLE, NEW YORK

DRAWN BY:	SCALE:	PROJECT NO.:
RTS/CTG	AS SHOWN	210087
REVIEWED BY:	DATE:	DRAWING NO.:
FCE	MAY 2021	7

APPENDIX B

TABLES

Table No. 1: Shutdown Test: Groundwater Elevations: March 8 through May 21, 2021

Well#	Category	**TOP PVC ELEV.	DEPTH OF WELL (FT)	3/8/2021 Pump GW Elev.	3/10/2021 Pump GW Elev.	3/12/2021 Pump GW Elev.	3/15/2021 Pump GW Elev.	3/17/2021 Pump GW Elev.	3/17/2021 No Pump GW Elev.	3/17/2021 No Pump GW Elev.	3/17/2021 No Pump GW Elev.	3/18/2021 No Pump GW Elev.	3/19/2021 No Pump GW Elev.	3/23/2021 No Pump GW Elev.	4/20/2021 No Pump GW Elev.	5/18/2021 No Pump GW Elev.	5/20/2021 No Pump GW Elev.	5/20/2021 Pump GW Elev.	5/21/2021 Pump GW Elev.
MW-1S	Shallow -Perimeter	1185.75	39.50	1163.95	1164.07	1164.87	1165.83	1166.10	1166.25	1166.31	1166.42	1166.53	1166.60	1167.14	1166.65	1167.43	1167.17	1167.08	1166.79
MW-1D	Deep - Perimeter	1185.85	70.50	1163.92	1163.91	1164.70	1165.72	1166.08	1166.25	1166.32	1166.39	1166.51	1166.67	1167.10	1166.59	1167.39	1167.00	1167.01	1166.68
MW-2S	Shallow -Perimeter	1210.91	70.20	1164.02	1164.06	1164.79	1166.07	1166.41	1166.48	1166.59	1166.69	1166.87	1167.06	1167.52	1166.83	1167.71	1167.52	1167.39	1166.94
MW-2D	Deep - Perimeter	1211.61	104.00	1164.01	1164.71	1166.85	1166.87	1166.80	1166.82	1166.82	1166.83	1166.81	1166.86	1166.91	1167.45	1167.35	1167.43	1167.44	1167.42
MW-4S	Shallow -Perimeter	1209.72	73.79	NM	1164.49	1165.23	1166.65	1167.09	1167.18	1167.23	1167.28	1167.49	1167.74	1168.26	1167.27	1168.27	1167.93	1167.82	1167.47
MW-4D	Deep - Perimeter	1210.14	104.23	1164.09	1164.15	1164.96	1166.34	1166.76	1166.91	1166.94	1166.99	1167.17	1167.41	1167.90	1166.84	1167.75	1167.41	1167.29	1166.96
MW-5S	Shallow -Perimeter	1178.46	40.00	1164.52	1164.55	1165.16	1166.20	1166.51	1166.55	1166.60	1166.64	1166.71	1166.82	1167.18	1166.91	1167.66	NM	1167.47	1167.21
MW-5D	Deep - Perimeter	1178.86	71.88	1163.93	1163.96	1164.72	1165.60	1165.96	1166.09	1166.07	1166.12	1166.23	1166.35	1166.75	1166.40	1167.18	NM	1166.93	1166.69
MW-6	Shallow - Interior	1211.42	56.50	1165.92	1166.03	1166.46	1167.73	1168.18	1168.22	1168.31	1168.38	1168.56	1168.77	1169.33	1169.11	1170.02	1169.74	1169.72	1169.42
MW-7	Shallow - Interior	1211.56	58.75	1165.50	1165.48	1165.92	1167.33	1167.88	1167.86	1167.93	1168.01	1168.24	1168.42	1169.05	1168.50	1169.42	1169.11	1169.06	1168.70
MW-8	Shallow - Interior	1212.76	61.42	1166.09	1166.11	1166.29	1167.79	1168.30	1168.31	1168.39	1168.45	1168.64	1168.88	1169.45	1169.17	1170.11	1169.84	1169.80	1169.52
MW-9	Deep - Interior	1211.12	99.00	NM	1164.99	1165.60	1166.85	1167.32	1167.45	1167.54	1167.61	1167.78	1167.92	1168.52	1168.01	1168.90	1168.62	1168.47	1168.19
MW-10S	Shallow -Perimeter	1207.23	62.00	1163.96	1163.95	1164.70	1165.86	1166.20	1166.28	1166.39	1166.46	1166.63	1166.79	1167.25	1166.66	1167.46	1167.24	1167.17	1166.78
MW-10D	Deep - Perimeter	1207.52	99.00	1163.79	1163.83	1164.65	1165.73	1166.08	1166.25	1166.32	1166.34	1166.50	1166.70	1167.17	1166.51	1167.35	1167.07	1166.99	1166.55
MW-11	Shallow - Interior	1214.44	59.50	1165.68	1165.67	1166.10	1167.48	1167.97	1168.00	1168.09	1168.20	1168.44	1168.59	1169.21	1168.67	1169.61	1169.39	1169.26	1168.90
MW-12S	Shallow - Interior	1212.94	62.00	1164.94	1164.92	1165.48	1166.84	1167.05	1167.41	1167.49	1167.59	1167.83	1168.00	1168.56	1168.02	1168.92	1168.60	1168.43	1168.07
MW-12D	Deep - Interior	1212.80	89.00	1164.66	1164.67	1165.30	1166.52	1167.01	1167.24	1167.31	1167.43	1167.61	1167.83	1168.35	1167.76	1168.63	1168.34	1168.11	1167.77
MW-L16	Shallow	1212.99	60.00	1166.58	1166.49	1166.97	1168.51	1169.04	1169.08	1169.15	1169.20	1169.42	1169.63	1170.25	1169.68	1170.66	NM	1170.21	NM
TMW-1	Shallow	1209.56	56.00	1164.42	1164.42	1165.04	1166.41	1166.80	1166.90	1167.02	1167.12	1167.28	1167.48	1168.02	1167.27	1168.15	1167.86	1167.77	1167.50
Piezometer	Deep	1212.59	124.16	1164.10	1164.14	1164.87	1166.03	1166.37	1166.62	1166.70	1166.73	1166.90	1167.08	1167.59	1166.96	1167.76	1167.50	1167.29	1166.99
Recovery Well	Shallow & Deep	1205.62	94.00	1163.05	1163.08	1163.73	1164.93	1165.25	1166.69	1166.87	1166.97	1167.11	1167.34	1167.86	1167.32	1168.15	1167.89	1166.58	1166.34
Notes: ** Top of PVC elevations were determined from survey by Jim Stockwin, LS, 2006. Recovery well shutdown on 3-17-21 at 10:30am All water levels referenced to top of PVC well casing. Recovery well returned to service on 5-20-21 at 2:10pm N/A = Not applicable. GW = Groundwater. NM = Not Measured. Elev. = Elevation. SD = Shutdown																			

Table No. 2

Shutdown Test: TCE and DEC Concentrations in Groundwater

Well#	Category	Nov. 2019 Samples	Nov. 2020 Samples	3-23-2021 GW Samples		4-20-2021 GW Samples		5-18-2021 GW Samples	
		TCE (µg/L)	TCE (µg/L)	TCE (µg/L)	DCE (µg/L)	TCE (µg/L)	DCE (µg/L)	TCE (µg/L)	DCE (µg/L)
MW-1S	Shallow - Perimeter	1.01	1.32	1.39	<0.50 ND	0.98	<0.50 ND	1.03	<0.50 ND
MW-1D	Deep - Perimeter	0.72	1.01	0.86	<0.50 ND	0.92	<0.50 ND	0.92	<0.50 ND
MW-2S	Shallow - Perimeter	1.35	NS	0.94 J	<1.0 ND	NS		1.01	<0.50 ND
MW-2D	Deep - Perimeter	NS	NS	NS - Well Damaged		NS		NS - Well Damaged	
MW-4S	Shallow - Perimeter	NS	NS	NS - Well Damaged		NS		NS - Well Damaged	
MW-4D	Deep - Perimeter	<10 ND	NS	0.42 J	<0.50 ND	NS		0.44 J	<0.50 ND
MW-5S	Shallow - Perimeter	<0.50 ND	NS	0.29 J	<0.50 ND	NS		0.48 J	<0.50 ND
MW-5D	Deep - Perimeter	2.08	NS	0.78	<0.50 ND	NS		0.89	<0.50 ND
MW-6	Shallow - Interior	1.11	NS	1.03	<0.50 ND	NS		1.01	<0.50 ND
MW-7	Shallow - Interior	1.83	1.22	2.22	0.16 J	1.87	0.17 J	1.55	<0.50 ND
MW-8	Shallow - Interior	1.44	0.57	0.64 J	<1.0 ND	NS		0.62 J	<1.00 ND
MW-9	Deep - Interior	0.74	NS	0.61	<0.50 ND	NS		0.70	<0.50 ND
MW-10S	Shallow - Perimeter	1.59	1.28	0.72 J	<1.0 ND	1.03	0.17 J	1.08	0.12 J
MW-10D	Deep - Perimeter	1.69	0.92	0.86	<0.50 ND	1.00	<0.50 ND	0.96	<0.50 ND
MW-11	Shallow - Interior	4.40	1.06	1.76	0.88 J	1.72	0.78 J	1.82	0.76 J
MW-12S	Shallow - Interior	1.91	1.34	1.42	<1.0 ND	1.42	0.22 J	1.53	0.22 J
MW-12D	Deep - Interior	1.62	NS	1.07	<0.50 ND	1.12	<0.50 ND	1.12	<0.50 ND
MW-L16	Shallow	2.03	0.74 J	0.68 J	<1.0 ND	NS		1.06	<0.50 ND
TMW-1	Shallow	NS	NS	0.66 J	<1.0 ND	0.74	<0.50 ND	0.75	<0.50 ND
Max. Conc.		4.40	1.34	2.22	0.88	1.87	0.78	1.82	0.76

Notes:

TCE = Trichloroethene

DCE = cis-1,2-Dichloroethene

ND = Not Detected at the Practical Quantitation Limit (PQL)

J = Estimated Value, analyte detected below the PQL

NS = Not Sampled.

APPENDIX C

APRIL 2, 2021 DATA SUBMISSION

Christopher Gabriel

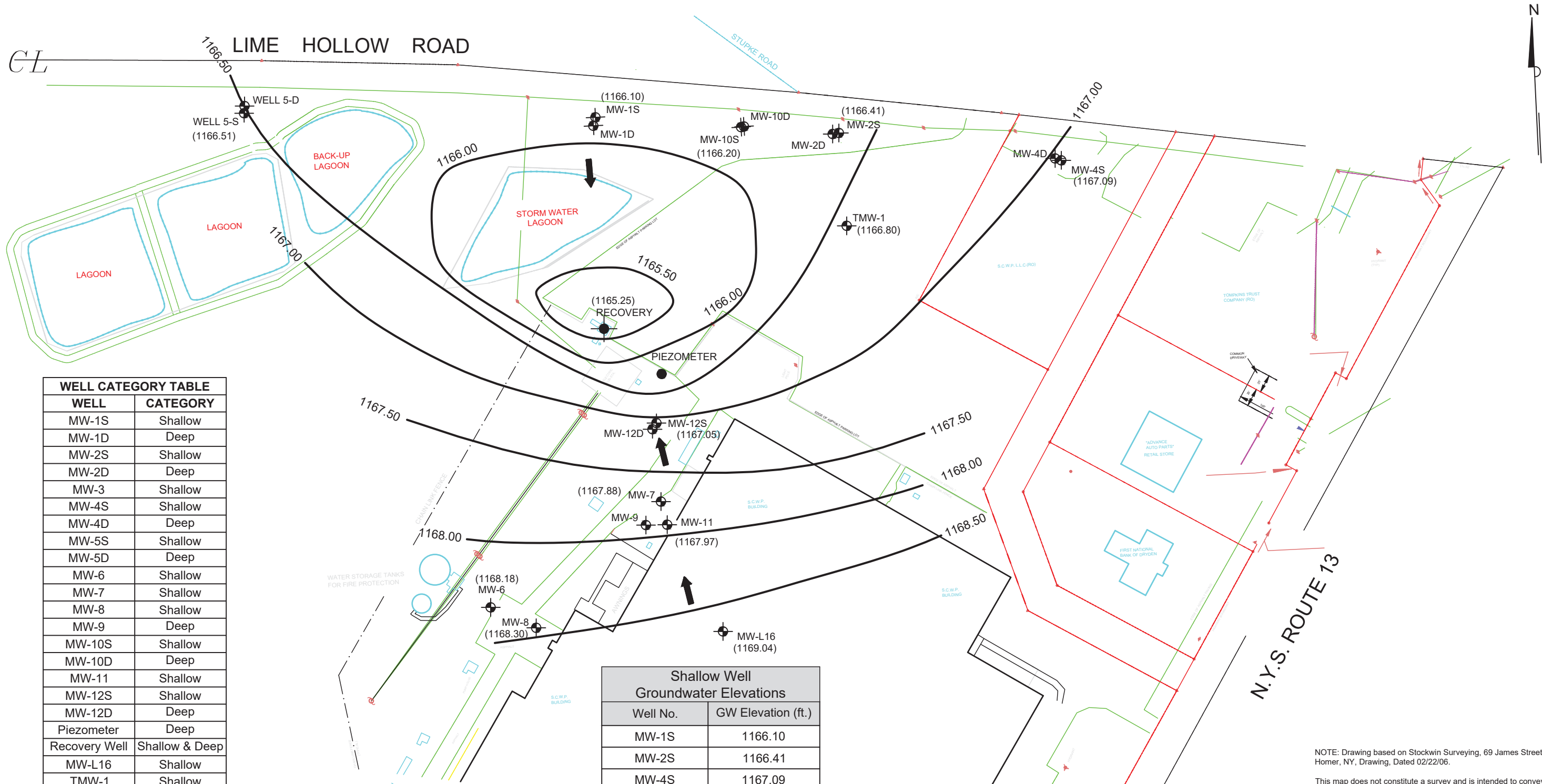
From: Forrest Earl
Sent: Friday, April 2, 2021 1:37 PM
To: Michael Ryan; Kathleen McGrath; Berninger, Steven G (HEALTH); Scharf, Brianna L (DEC); Saucier, Sarah K (DEC); McLaughlin, Scarlett E (HEALTH); Kranes, Nathan
Cc: Christopher Gabriel
Subject: Former Smith Corona - Shutdown Test Data Packet
Attachments: Drawing No. 1 - Shallow Well GW Contour Map 3-17-2021 Pre-Shutdown.pdf; Drawing No. 2 - Deep Well GW Contour Map 3-17-2021 Pre-Shutdown.pdf; Drawing No. 3 - Shallow Well GW Contour Map 3-23-2021 Post-Shutdown.pdf; Drawing No. 4 - Deep Well GW Contour Map 3-23-2021 Post-Shutdown.pdf; Results 3-17-2021 Samples AX - PROJECT - 2104068.pdf; Results for 3-23-21.pdf; Table - GW Elevations 3-8 thru 3-19.pdf; Table 1 - GW Sampling Field Observations 3-23-2021.pdf; VuSitu_2021-03-17_10-30-00_MW-10 S_Log_MW - 10S Shut Down.xlsx; VuSitu_2021-03-17_10-30-00_MW-10D_Log_MW - 10D Shut Down.xlsx; VuSitu_2021-03-17_10-30-00_MW-12D_Log_MW - 12D Shut Down.xlsx; VuSitu_2021-03-17_10-30-00_MW-12S_Log_MW - 12S Shut Down.xlsx; VuSitu_2021-03-17_10-30-00_PZ_Log_PZ Shut Down.xlsx

Attached are the groundwater contour maps (pre and post shutdown), water level readings, data logger raw data (Excel format) and the analytical results for the pre-shutdown period through the March 23, 2021 sampling event.

A more formal presentation and discussion will be presented in the final shutdown test report.

Enjoy your weekend.

Forrest Earl, P.G.
GeoLogic NY, P.C.
PO Box 350
37 Copeland Avenue
Homer, NY 13077
607-749-5000



WELL CATEGORY TABLE	
WELL	CATEGORY
MW-1S	Shallow
MW-1D	Deep
MW-2S	Shallow
MW-2D	Deep
MW-3	Shallow
MW-4S	Shallow
MW-4D	Deep
MW-5S	Shallow
MW-5D	Deep
MW-6	Shallow
MW-7	Shallow
MW-8	Shallow
MW-9	Deep
MW-10S	Shallow
MW-10D	Deep
MW-11	Shallow
MW-12S	Shallow
MW-12D	Deep
Piezometer	Deep
Recovery Well	Shallow & Deep
MW-L16	Shallow
TMW-1	Shallow

Shallow Well Groundwater Elevations	
Well No.	GW Elevation (ft.)
MW-1S	1166.10
MW-2S	1166.41
MW-4S	1167.09
MW-5S	1166.51
MW-6	1168.18
MW-7	1167.88
MW-8	1168.30
MW-10S	1166.20
MW-11	1167.97
MW-12S	1167.05
TMW-1	1166.80
Recovery Well	1165.25
MW-L16	1169.04

- LEGEND:
- MONITORING WELL LOCATION
 - RECOVERY WELL LOCATION
 - PIEZOMETER LOCATION
 - (1164.99) GROUNDWATER ELEVATION (FT.) FOR 03/17/2021.
 - 1162.0 GROUNDWATER ELEVATION CONTOUR FOR 03/17/2021.
 - DIRECTION OF GROUNDWATER FLOW

\\210087\TECH\DRAWINGS\SHALLOW WELL GROUNDWATER CONTOUR MAP FOR 03/17/2021 - PRE-SHUTDOWN

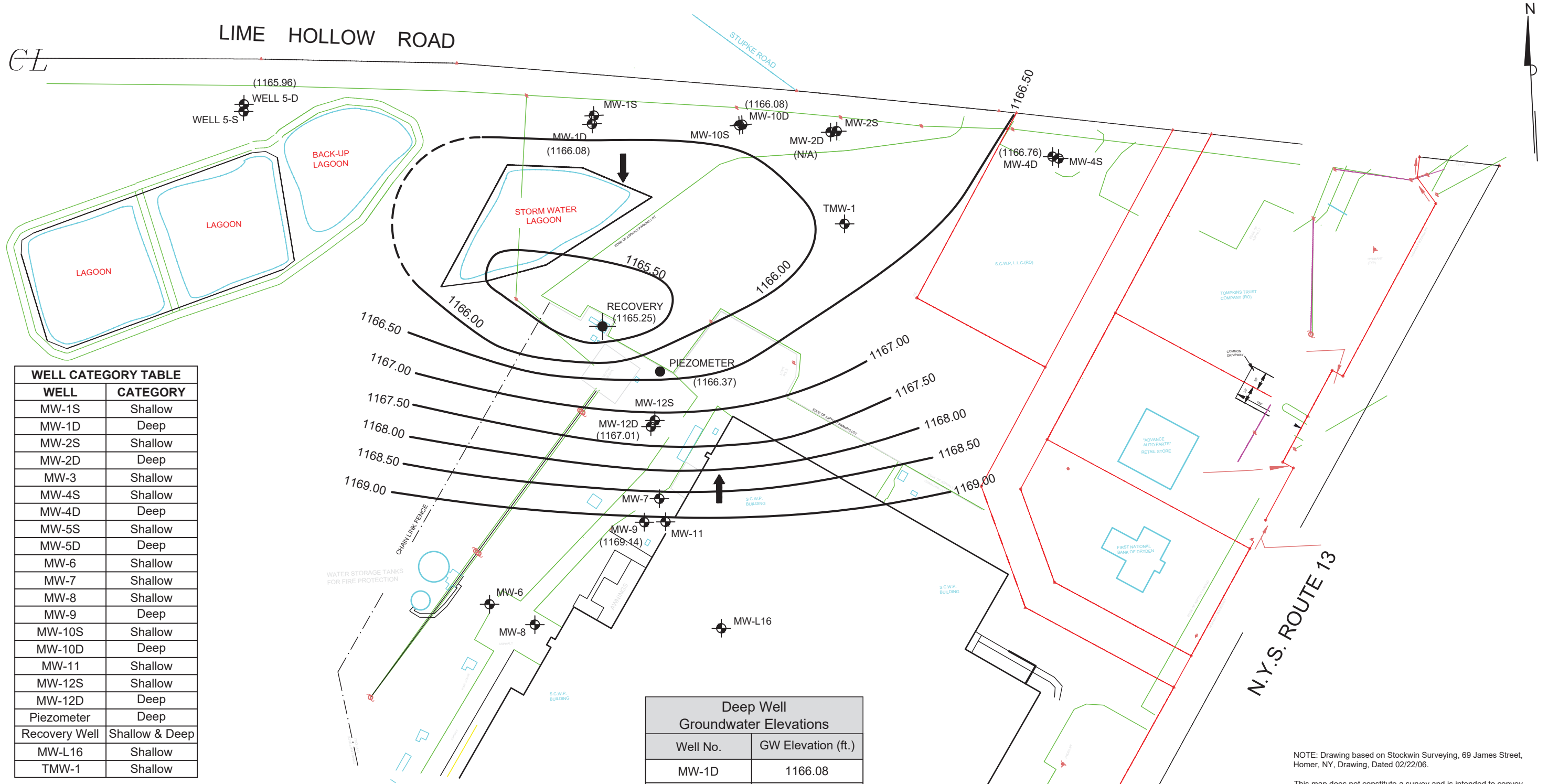
NOTE: Drawing based on Stockwin Surveying, 69 James Street, Homer, NY, Drawing, Dated 02/22/06.

This map does not constitute a survey and is intended to convey approximate sample locations and site features.

GeoLogic NY, PC, Homer, New York

SHALLOW WELL GROUNDWATER CONTOUR MAP
FOR 03/17/2021 - PRE-SHUT DOWN
FORMER SCM-CORTLANDVILLE (NYSDEC SITE NO. 712006)
839 NYS ROUTE 13
CORTLANDVILLE, NEW YORK

DRAWN BY:	SCALE:	PROJECT NO.:
RTS/CTG	AS SHOWN	210087
REVIEWED BY:	DATE:	DRAWING NO.:
FCE	MAR. 2021	1

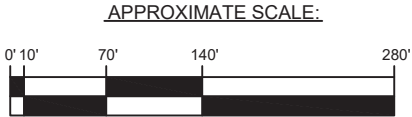


WELL CATEGORY TABLE	
WELL	CATEGORY
MW-1S	Shallow
MW-1D	Deep
MW-2S	Shallow
MW-2D	Deep
MW-3	Shallow
MW-4S	Shallow
MW-4D	Deep
MW-5S	Shallow
MW-5D	Deep
MW-6	Shallow
MW-7	Shallow
MW-8	Shallow
MW-9	Deep
MW-10S	Shallow
MW-10D	Deep
MW-11	Shallow
MW-12S	Shallow
MW-12D	Deep
Piezometer	Deep
Recovery Well	Shallow & Deep
MW-L16	Shallow
TMW-1	Shallow

Deep Well Groundwater Elevations	
Well No.	GW Elevation (ft.)
MW-1D	1166.08
MW-2D	-
MW-4D	1166.76
MW-5D	1165.96
MW-9	1169.14
MW-10D	1166.08
MW-12D	1167.01
Piezometer	1166.37
Recovery Well	1165.25

- LEGEND:**
- MONITORING WELL LOCATION
 - RECOVERY WELL LOCATION
 - PIEZOMETER LOCATION
 - GROUNDWATER ELEVATION (FT.) FOR 03/17/2021.
 - GROUNDWATER ELEVATION CONTOUR FOR 03/17/2021.
 - DIRECTION OF GROUNDWATER FLOW

L:\210087\TECH\DRAWINGS\DEEP WELL GROUNDWATER CONTOUR MAP FOR 03/17/2021 - PRE-SHUTDOWN



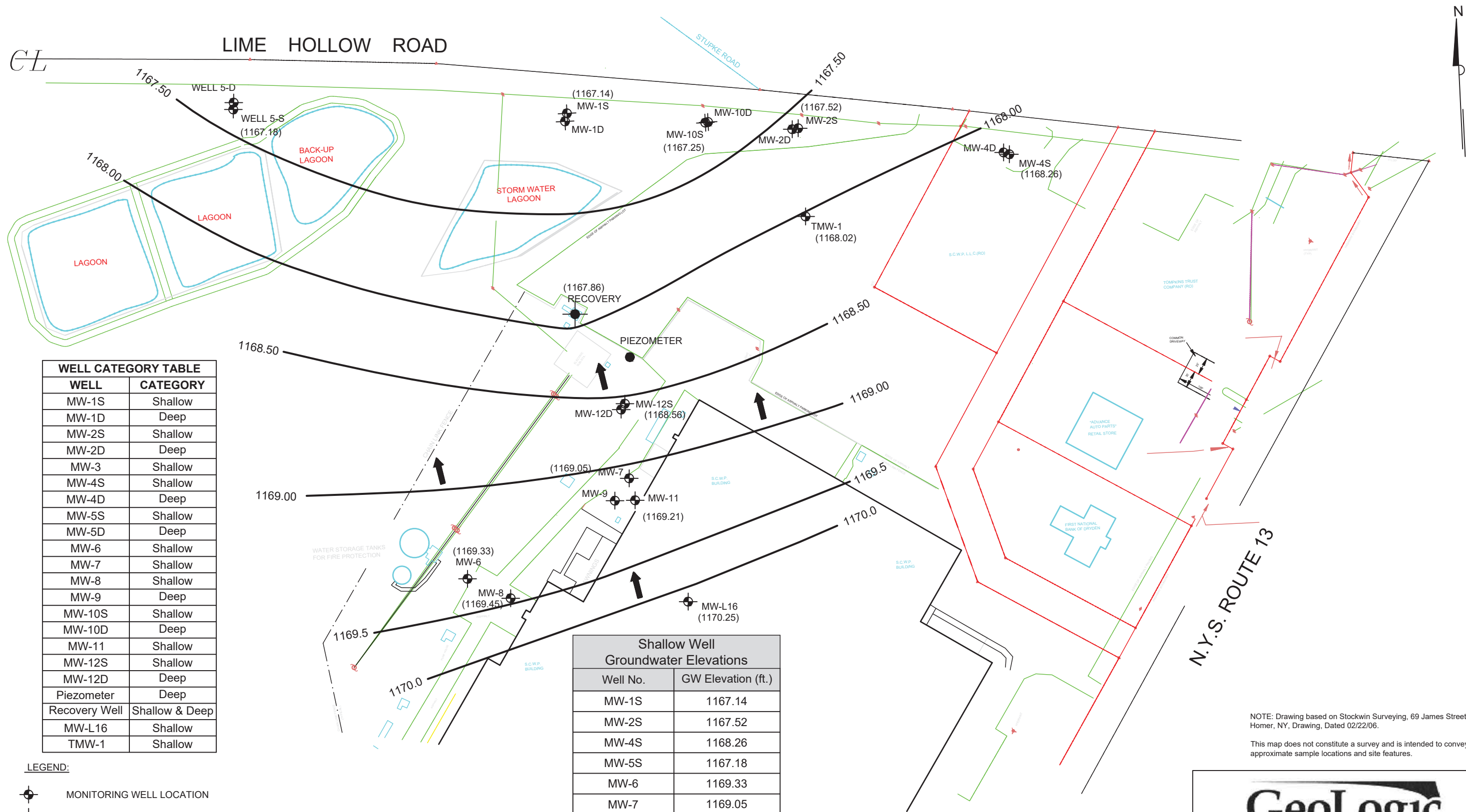
NOTE: Drawing based on Stockwin Surveying, 69 James Street, Homer, NY, Drawing, Dated 02/22/06.

This map does not constitute a survey and is intended to convey approximate sample locations and site features.

GeoLogic NY, PC, Homer, New York

DEEP WELL GROUNDWATER CONTOUR MAP
FOR 03/17/2021 - PRE-SHUT DOWN
FORMER SCM-CORTLANDVILLE (NYSDEC SITE NO. 712006)
839 NYS ROUTE 13
CORTLANDVILLE, NEW YORK

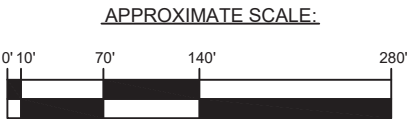
DRAWN BY: RTS/CTG	SCALE: AS SHOWN	PROJECT NO.: 210087
REVIEWED BY: FCE	DATE: MAR. 2021	DRAWING NO.: 2



WELL CATEGORY TABLE	
WELL	CATEGORY
MW-1S	Shallow
MW-1D	Deep
MW-2S	Shallow
MW-2D	Deep
MW-3	Shallow
MW-4S	Shallow
MW-4D	Deep
MW-5S	Shallow
MW-5D	Deep
MW-6	Shallow
MW-7	Shallow
MW-8	Shallow
MW-9	Deep
MW-10S	Shallow
MW-10D	Deep
MW-11	Shallow
MW-12S	Shallow
MW-12D	Deep
Piezometer	Deep
Recovery Well	Shallow & Deep
MW-L16	Shallow
TMW-1	Shallow

Shallow Well Groundwater Elevations	
Well No.	GW Elevation (ft.)
MW-1S	1167.14
MW-2S	1167.52
MW-4S	1168.26
MW-5S	1167.18
MW-6	1169.33
MW-7	1169.05
MW-8	1169.45
MW-10S	1167.25
MW-11	1169.21
MW-12S	1168.56
TMW-1	1168.02
Recovery Well	1167.86
MW-L16	1170.25

- LEGEND:
- MONITORING WELL LOCATION
 - RECOVERY WELL LOCATION
 - PIEZOMETER LOCATION
 - (1164.99) GROUNDWATER ELEVATION (FT.) FOR 03/23/2021.
 - 1162.0 GROUNDWATER ELEVATION CONTOUR FOR 03/23/2021.
 - DIRECTION OF GROUNDWATER FLOW



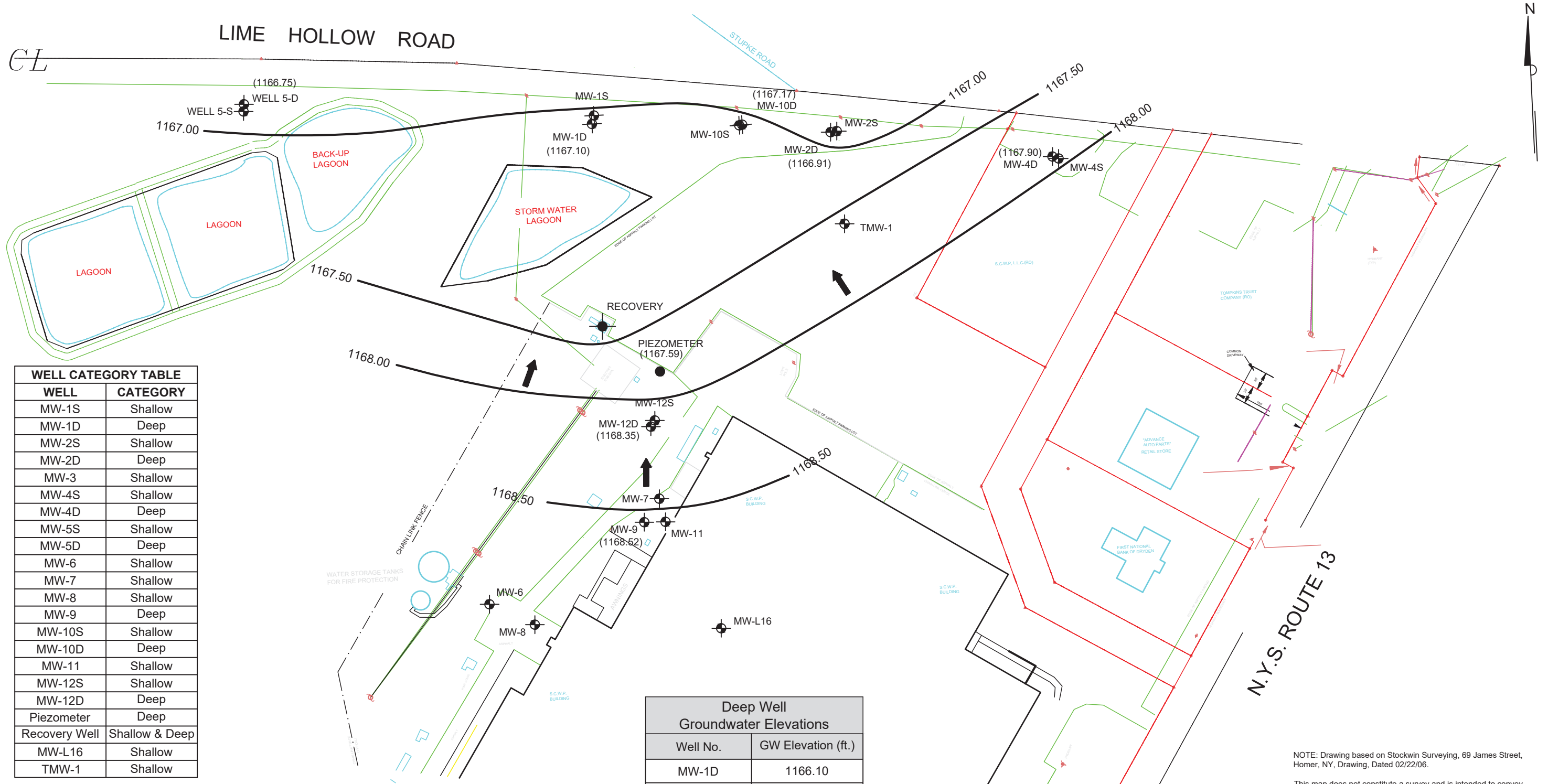
NOTE: Drawing based on Stockwin Surveying, 69 James Street, Homer, NY, Drawing, Dated 02/22/06.

This map does not constitute a survey and is intended to convey approximate sample locations and site features.

GeoLogic NY, PC, Homer, New York

SHALLOW WELL GROUNDWATER CONTOUR MAP
FOR 03/23/2021 - POST-SHUTDOWN
FORMER SCM-CORTLANDVILLE (NYSDEC SITE NO. 712006)
839 NYS ROUTE 13
CORTLANDVILLE, NEW YORK

DRAWN BY: RTS/CTG	SCALE: AS SHOWN	PROJECT NO.: 210087
REVIEWED BY: FCE	DATE: MAR. 2021	DRAWING NO.: 3

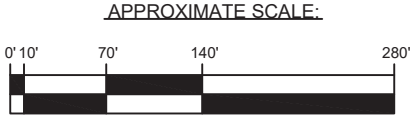


WELL CATEGORY TABLE	
WELL	CATEGORY
MW-1S	Shallow
MW-1D	Deep
MW-2S	Shallow
MW-2D	Deep
MW-3	Shallow
MW-4S	Shallow
MW-4D	Deep
MW-5S	Shallow
MW-5D	Deep
MW-6	Shallow
MW-7	Shallow
MW-8	Shallow
MW-9	Deep
MW-10S	Shallow
MW-10D	Deep
MW-11	Shallow
MW-12S	Shallow
MW-12D	Deep
Piezometer	Deep
Recovery Well	Shallow & Deep
MW-L16	Shallow
TMW-1	Shallow

Deep Well Groundwater Elevations	
Well No.	GW Elevation (ft.)
MW-1D	1166.10
MW-2D	1166.91
MW-4D	1167.90
MW-5D	1166.75
MW-9	1168.52
MW-10D	1167.17
MW-12D	1168.35
Piezometer	1167.59

- LEGEND:**
- MONITORING WELL LOCATION
 - RECOVERY WELL LOCATION
 - PIEZOMETER LOCATION
 - (1164.99) GROUNDWATER ELEVATION (FT.) FOR 03/23/2021.
 - 1162.0 GROUNDWATER ELEVATION CONTOUR FOR 03/23/2021.
 - DIRECTION OF GROUNDWATER FLOW

\\210087\TECH\DRAWINGS\DEEP WELL GROUNDWATER CONTOUR MAP FOR 03/23/2021 - POST-SHUTDOWN



NOTE: Drawing based on Stockwin Surveying, 69 James Street, Homer, NY, Drawing, Dated 02/22/06.

This map does not constitute a survey and is intended to convey approximate sample locations and site features.

GeoLogic NY, PC, Homer, New York

DEEP WELL GROUNDWATER CONTOUR MAP
FOR 03/23/2021 - POST-SHUTDOWN
FORMER SCM-CORTLANDVILLE (NYSDEC SITE NO. 712006)
839 NYS ROUTE 13
CORTLANDVILLE, NEW YORK

DRAWN BY:	SCALE:	PROJECT NO.:
RTS/CTG	AS SHOWN	210087
REVIEWED BY:	DATE:	DRAWING NO.:
FCE	MAR. 2021	4



Life Science Laboratories, Inc.

5854 Butternut Drive
East Syracuse, NY 13057

(315) 445-1900

Friday, March 26, 2021

Mr. Christopher Gabriel
GeoLogic NY, Inc.
37 Copeland Ave.
Homer, NY 13077

TEL: 607 749-5000

Project: 210087

RE: Analytical Results

Order No.: 2104068

Dear Mr. Christopher Gabriel:

Life Science Laboratories, Inc. received 4 sample(s) on 3/23/2021 for the analyses presented in the following report. Sample results relate only to the samples as received by the laboratory.

Very truly yours,
Life Science Laboratories, Inc.

David J Prichard
Project Manager



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087

W Order: 2104068

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 03/26/21 8:49

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2104068-001A

Client Sample ID: *Cascade*

Collection Date: 03/17/21 8:43

Date Received: 03/23/21 15:50

PrepDate:

BatchNo: R34584

FileID: 1-SAMP-N4728.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		03/25/21 16:09
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		03/25/21 16:09
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 16:09
Tetrachloroethene	ND	0.50	0.10	µg/L	1		03/25/21 16:09
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 16:09
Trichloroethene	0.20 J	0.50	0.10	µg/L	1		03/25/21 16:09
Vinyl chloride	ND	1.00	0.33	µg/L	1		03/25/21 16:09
Surr: 1,2-Dichloroethane-d4	107	75-130	0.16	%REC	1		03/25/21 16:09
Surr: Toluene-d8	101	75-125	0.10	%REC	1		03/25/21 16:09
Surr: 4-Bromofluorobenzene	104	75-125	0.10	%REC	1		03/25/21 16:09

Qualifiers:

* Value may exceed the Acceptable Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

Print Date: 03/26/21 8:50

956622

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087

W Order: 2104068

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 03/26/21 8:49

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2104068-002A

Client Sample ID: *Tower Discharge*

Collection Date: 03/17/21 8:55

Date Received: 03/23/21 15:50

PrepDate:

BatchNo: R34584

FileID: 1-SAMP-N4729.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		03/25/21 16:44
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		03/25/21 16:44
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 16:44
Tetrachloroethene	ND	0.50	0.10	µg/L	1		03/25/21 16:44
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 16:44
Trichloroethene	0.44 J	0.50	0.10	µg/L	1		03/25/21 16:44
Vinyl chloride	ND	1.00	0.33	µg/L	1		03/25/21 16:44
Surr: 1,2-Dichloroethane-d4	107	75-130	0.16	%REC	1		03/25/21 16:44
Surr: Toluene-d8	101	75-125	0.10	%REC	1		03/25/21 16:44
Surr: 4-Bromofluorobenzene	106	75-125	0.10	%REC	1		03/25/21 16:44

Qualifiers:

* Value may exceed the Acceptable Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

Print Date: 03/26/21 8:50

956623

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087

W Order: 2104068

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 03/26/21 8:49

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2104068-003A

Client Sample ID: *Tower Influent*

Collection Date: 03/17/21 9:03

Date Received: 03/23/21 15:50

PrepDate:

BatchNo: R34584

FileID: 1-SAMP-N4730.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		03/25/21 17:19
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		03/25/21 17:19
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 17:19
Tetrachloroethene	ND	0.50	0.10	µg/L	1		03/25/21 17:19
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 17:19
Trichloroethene	0.91	0.50	0.10	µg/L	1		03/25/21 17:19
Vinyl chloride	ND	1.00	0.33	µg/L	1		03/25/21 17:19
Surr: 1,2-Dichloroethane-d4	106	75-130	0.16	%REC	1		03/25/21 17:19
Surr: Toluene-d8	102	75-125	0.10	%REC	1		03/25/21 17:19
Surr: 4-Bromofluorobenzene	106	75-125	0.10	%REC	1		03/25/21 17:19

Qualifiers:

* Value may exceed the Acceptable Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

Print Date: 03/26/21 8:50

956624

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087

W Order: 2104068

Matrix: WATER Q

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 03/26/21 9:28

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2104068-004A

Client Sample ID: Trip Blank

Collection Date: 11/16/20 0:00

Date Received: 03/23/21 15:50

PrepDate:

BatchNo: R34584

FileID: 1-SAMP-N4731.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		03/25/21 17:54
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		03/25/21 17:54
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 17:54
Tetrachloroethene	ND	0.50	0.10	µg/L	1		03/25/21 17:54
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 17:54
Trichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 17:54
Vinyl chloride	ND	1.00	0.33	µg/L	1		03/25/21 17:54
Surr: 1,2-Dichloroethane-d4	106	75-130	0.16	%REC	1		03/25/21 17:54
Surr: Toluene-d8	101	75-125	0.10	%REC	1		03/25/21 17:54
Surr: 4-Bromofluorobenzene	105	75-125	0.10	%REC	1		03/25/21 17:54

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

Print Date: 03/26/21 9:28

956625

Project Supervisor: David J Prichard

GeoLogic NY, P.C.

CHAIN OF CUSTODY RECORD

2104068

CLIENT: GeoLogic

SAMPLERS NAME(S):

PROJECT: 210087

C. T. Gabriel of GeoLogic

SAMPLE LOCATION	DATE	TIME	SAMPLE TYPE			NO. of SAMPLES	ANALYSIS REQUIRED
			WATER	SOIL	AIR		
001 Cascade	3-17	8:43	X			2	See Below
002 Tower Discharge	3-17	8:55	X			2	"
003 Tower Influent	3-17	9:03	X			2	"
004 Trip Blank	11-16		X			2	"

Relinquished by: <i>C. T. Gabriel of GeoLogic</i>	Date <i>3/17/21</i>	Time <i>11:37</i>	Received by: <i>GeoLogic Sample Refrig.</i>	Date <i>3/17/21</i>	Time <i>11:37</i>
Relinquished by: <i>GeoLogic Sample Refrig.</i>	Date <i>3-22-21</i>	Time <i>17:05</i>	Received by: <i>C. T. Gabriel of GeoLogic</i>	Date <i>3-22-21</i>	Time <i>17:05</i>
Relinquished by: <i>C. T. Gabriel of GeoLogic</i>	Date <i>3-23-21</i>	Time <i>14:33</i>	Received for Lab by: <i>B. J. Donnellan</i>	Date <i>3-23-21</i>	Time <i>14:30</i>
				Date <i>3-23-21</i>	Time <i>15:50</i>

Method of Shipment: LAB PICK UP TEMP 5.6C

COMMENTS:

Sample Analysis (1 µg/L reporting limit)

EPA 8260B for

1,1,1-Trichloroethane

1,1-Dichloroethene

1,2-Dichloroethene

Trichloroethene

Tetrachloroethene

Vinyl Chloride

Standard TAT

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: GEOLOGIC

Date and Time Received:

3/23/2021 3:50:00 PM

Work Order Number: 2104068

Received by: gis

Checklist completed by:

Initials

YS

Date

3-23-21

Reviewed by:

Initials

[Signature]

Date

3/24/21

Delivery Method: Courier

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Applicable ☒
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	
Water - VOA vials have zero headspace?	Yes ☒	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☒

Comments:

Corrective Action:



Life Science Laboratories, Inc.

5854 Butternut Drive
East Syracuse, NY 13057

(315) 445-1900

Friday, March 26, 2021

Mr. Christopher Gabriel
GeoLogic NY, Inc.
37 Copeland Ave.
Homer, NY 13077

TEL: 607 749-5000

Project: 210087 MARCH 2021

RE: Analytical Results

Order No.: 2104067

Dear Mr. Christopher Gabriel:

Life Science Laboratories, Inc. received 20 sample(s) on 3/23/2021 for the analyses presented in the following report. Sample results relate only to the samples as received by the laboratory.

Very truly yours,
Life Science Laboratories, Inc.

A handwritten signature in black ink, appearing to read "David J. Prichard", is written over a horizontal line.

David J Prichard
Project Manager



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2104067

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 03/26/21 8:31

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2104067-001A

Client Sample ID: MW-IS

Collection Date: 03/23/21 9:46

Date Received: 03/23/21 15:50

PrepDate:

BatchNo: R34582

FileID: 1-SAMP-N4703.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		03/25/21 1:30
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		03/25/21 1:30
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 1:30
Tetrachloroethene	ND	0.50	0.10	µg/L	1		03/25/21 1:30
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 1:30
Trichloroethene	1.39	0.50	0.10	µg/L	1		03/25/21 1:30
Vinyl chloride	ND	1.00	0.33	µg/L	1		03/25/21 1:30
Surr: 1,2-Dichloroethane-d4	102	75-130	0.16	%REC	1		03/25/21 1:30
Surr: Toluene-d8	101	75-125	0.10	%REC	1		03/25/21 1:30
Surr: 4-Bromofluorobenzene	106	75-125	0.10	%REC	1		03/25/21 1:30

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 03/26/21 8:37

956510

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2104067

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 03/26/21 8:31

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2104067-002A

Client Sample ID: MW-ID

Collection Date: 03/23/21 9:50

Date Received: 03/23/21 15:50

PrepDate:

BatchNo: R34582

FileID: 1-SAMP-N4704.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		03/25/21 2:06
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		03/25/21 2:06
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 2:06
Tetrachloroethene	ND	0.50	0.10	µg/L	1		03/25/21 2:06
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 2:06
Trichloroethene	0.86	0.50	0.10	µg/L	1		03/25/21 2:06
Vinyl chloride	ND	1.00	0.33	µg/L	1		03/25/21 2:06
Surr: 1,2-Dichloroethane-d4	104	75-130	0.16	%REC	1		03/25/21 2:06
Surr: Toluene-d8	101	75-125	0.10	%REC	1		03/25/21 2:06
Surr: 4-Bromofluorobenzene	106	75-125	0.10	%REC	1		03/25/21 2:06

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 03/26/21 8:37

956511

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

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East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2104067

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 03/26/21 8:31

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2104067-003A

Client Sample ID: MW-2S

Collection Date: 03/23/21 11:50

Date Received: 03/23/21 15:50

PrepDate:

BatchNo: R34582

FileID: 1-SAMP-N4705.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	1.00	0.20	µg/L	2		03/25/21 2:40
1,1-Dichloroethene	ND	1.00	0.32	µg/L	2		03/25/21 2:40
cis-1,2-Dichloroethene	ND	1.00	0.20	µg/L	2		03/25/21 2:40
Tetrachloroethene	ND	1.00	0.20	µg/L	2		03/25/21 2:40
trans-1,2-Dichloroethene	ND	1.00	0.20	µg/L	2		03/25/21 2:40
Trichloroethene	0.94 J	1.00	0.20	µg/L	2		03/25/21 2:40
Vinyl chloride	ND	2.00	0.66	µg/L	2		03/25/21 2:40
Surr: 1,2-Dichloroethane-d4	103	75-130	0.32	%REC	2		03/25/21 2:40
Surr: Toluene-d8	101	75-125	0.20	%REC	2		03/25/21 2:40
Surr: 4-Bromofluorobenzene	106	75-125	0.20	%REC	2		03/25/21 2:40

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 03/26/21 8:37

956512

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

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East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2104067

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 03/26/21 8:31

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2104067-004A

Client Sample ID: MW-4D

Collection Date: 03/23/21 12:55

Date Received: 03/23/21 15:50

PrepDate:

BatchNo: R34582

FileID: 1-SAMP-N4706.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1	03/25/21 3:16	
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1	03/25/21 3:16	
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	03/25/21 3:16	
Tetrachloroethene	ND	0.50	0.10	µg/L	1	03/25/21 3:16	
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	03/25/21 3:16	
Trichloroethene	0.42 J	0.50	0.10	µg/L	1	03/25/21 3:16	
Vinyl chloride	ND	1.00	0.33	µg/L	1	03/25/21 3:16	
Surr: 1,2-Dichloroethane-d4	106	75-130	0.16	%REC	1	03/25/21 3:16	
Surr: Toluene-d8	100	75-125	0.10	%REC	1	03/25/21 3:16	
Surr: 4-Bromofluorobenzene	105	75-125	0.10	%REC	1	03/25/21 3:16	

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 03/26/21 8:37

956513

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

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Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2104067

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 03/26/21 8:31

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2104067-005A

Client Sample ID: MW-5S

Collection Date: 03/23/21 9:00

Date Received: 03/23/21 15:50

PrepDate:

BatchNo: R34582

FileID: 1-SAMP-N4707.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		03/25/21 3:51
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		03/25/21 3:51
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 3:51
Tetrachloroethene	ND	0.50	0.10	µg/L	1		03/25/21 3:51
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 3:51
Trichloroethene	0.29 J	0.50	0.10	µg/L	1		03/25/21 3:51
Vinyl chloride	ND	1.00	0.33	µg/L	1		03/25/21 3:51
Surr: 1,2-Dichloroethane-d4	105	75-130	0.16	%REC	1		03/25/21 3:51
Surr: Toluene-d8	101	75-125	0.10	%REC	1		03/25/21 3:51
Surr: 4-Bromofluorobenzene	106	75-125	0.10	%REC	1		03/25/21 3:51

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 03/26/21 8:37

956514

Project Supervisor: David J Prichard



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Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2104067

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 03/26/21 8:31

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2104067-006A

Client Sample ID: MW-5D

Collection Date: 03/23/21 8:50

Date Received: 03/23/21 15:50

PrepDate:

BatchNo: R34582

FileID: 1-SAMP-N4708.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		03/25/21 4:26
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		03/25/21 4:26
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 4:26
Tetrachloroethene	ND	0.50	0.10	µg/L	1		03/25/21 4:26
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 4:26
Trichloroethene	0.78	0.50	0.10	µg/L	1		03/25/21 4:26
Vinyl chloride	ND	1.00	0.33	µg/L	1		03/25/21 4:26
Surr: 1,2-Dichloroethane-d4	106	75-130	0.16	%REC	1		03/25/21 4:26
Surr: Toluene-d8	99	75-125	0.10	%REC	1		03/25/21 4:26
Surr: 4-Bromofluorobenzene	105	75-125	0.10	%REC	1		03/25/21 4:26

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 03/26/21 8:37

956515

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2104067

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 03/26/21 8:31

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2104067-007A

Client Sample ID: MW-6

Collection Date: 03/23/21 10:04

Date Received: 03/23/21 15:50

PrepDate:

BatchNo: R34582

FileID: 1-SAMP-N4709.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		03/25/21 5:01
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		03/25/21 5:01
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 5:01
Tetrachloroethene	ND	0.50	0.10	µg/L	1		03/25/21 5:01
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 5:01
Trichloroethene	1.03	0.50	0.10	µg/L	1		03/25/21 5:01
Vinyl chloride	ND	1.00	0.33	µg/L	1		03/25/21 5:01
Surr: 1,2-Dichloroethane-d4	106	75-130	0.16	%REC	1		03/25/21 5:01
Surr: Toluene-d8	102	75-125	0.10	%REC	1		03/25/21 5:01
Surr: 4-Bromofluorobenzene	104	75-125	0.10	%REC	1		03/25/21 5:01

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 03/26/21 8:37

956516

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2104067

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 03/26/21 8:31

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2104067-008A

Client Sample ID: MW-7

Collection Date: 03/23/21 13:11

Date Received: 03/23/21 15:50

PrepDate:

BatchNo: R34582

FileID: 1-SAMP-N4710.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		03/25/21 5:36
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		03/25/21 5:36
cis-1,2-Dichloroethene	0.16 J	0.50	0.10	µg/L	1		03/25/21 5:36
Tetrachloroethene	ND	0.50	0.10	µg/L	1		03/25/21 5:36
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 5:36
Trichloroethene	2.22	0.50	0.10	µg/L	1		03/25/21 5:36
Vinyl chloride	ND	1.00	0.33	µg/L	1		03/25/21 5:36
Surr: 1,2-Dichloroethane-d4	106	75-130	0.16	%REC	1		03/25/21 5:36
Surr: Toluene-d8	101	75-125	0.10	%REC	1		03/25/21 5:36
Surr: 4-Bromofluorobenzene	106	75-125	0.10	%REC	1		03/25/21 5:36

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 03/26/21 8:37

956517

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2104067

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 03/26/21 8:31

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2104067-009A

Client Sample ID: MW-8

Collection Date: 03/23/21 10:36

Date Received: 03/23/21 15:50

PrepDate:

BatchNo: R34582

FileID: 1-SAMP-N4711.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	1.00	0.20	µg/L	2		03/25/21 6:12
1,1-Dichloroethene	ND	1.00	0.32	µg/L	2		03/25/21 6:12
cis-1,2-Dichloroethene	ND	1.00	0.20	µg/L	2		03/25/21 6:12
Tetrachloroethene	ND	1.00	0.20	µg/L	2		03/25/21 6:12
trans-1,2-Dichloroethene	ND	1.00	0.20	µg/L	2		03/25/21 6:12
Trichloroethene	0.64 J	1.00	0.20	µg/L	2		03/25/21 6:12
Vinyl chloride	ND	2.00	0.66	µg/L	2		03/25/21 6:12
Surr: 1,2-Dichloroethane-d4	106	75-130	0.32	%REC	2		03/25/21 6:12
Surr: Toluene-d8	101	75-125	0.20	%REC	2		03/25/21 6:12
Surr: 4-Bromofluorobenzene	106	75-125	0.20	%REC	2		03/25/21 6:12

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 03/26/21 8:37

956518

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2104067

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 03/26/21 8:31

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2104067-010A

Client Sample ID: TMW-1

Collection Date: 03/23/21 13:33

Date Received: 03/23/21 15:50

PrepDate:

BatchNo: R34582

FileID: 1-SAMP-N4712.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	1.00	0.20	µg/L	2	03/25/21 6:47	
1,1-Dichloroethene	ND	1.00	0.32	µg/L	2	03/25/21 6:47	
cis-1,2-Dichloroethene	ND	1.00	0.20	µg/L	2	03/25/21 6:47	
Tetrachloroethene	ND	1.00	0.20	µg/L	2	03/25/21 6:47	
trans-1,2-Dichloroethene	ND	1.00	0.20	µg/L	2	03/25/21 6:47	
Trichloroethene	0.66 J	1.00	0.20	µg/L	2	03/25/21 6:47	
Vinyl chloride	ND	2.00	0.66	µg/L	2	03/25/21 6:47	
Surr: 1,2-Dichloroethane-d4	107	75-130	0.32	%REC	2	03/25/21 6:47	
Surr: Toluene-d8	100	75-125	0.20	%REC	2	03/25/21 6:47	
Surr: 4-Bromofluorobenzene	106	75-125	0.20	%REC	2	03/25/21 6:47	

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

Print Date: 03/26/21 8:37

956519

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2104067

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 03/26/21 8:31

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2104067-011A

Client Sample ID: MW-9

Collection Date: 03/23/21 12:39

Date Received: 03/23/21 15:50

PrepDate:

BatchNo: R34582

FileID: 1-SAMP-N4713.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		03/25/21 7:22
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		03/25/21 7:22
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 7:22
Tetrachloroethene	ND	0.50	0.10	µg/L	1		03/25/21 7:22
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 7:22
Trichloroethene	0.61	0.50	0.10	µg/L	1		03/25/21 7:22
Vinyl chloride	ND	1.00	0.33	µg/L	1		03/25/21 7:22
Surr: 1,2-Dichloroethane-d4	108	75-130	0.16	%REC	1		03/25/21 7:22
Surr: Toluene-d8	101	75-125	0.10	%REC	1		03/25/21 7:22
Surr: 4-Bromofluorobenzene	105	75-125	0.10	%REC	1		03/25/21 7:22

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

Print Date: 03/26/21 8:37

956520

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2104067

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 03/26/21 8:31

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2104067-012A

Client Sample ID: MW-10S

Collection Date: 03/23/21 10:55

Date Received: 03/23/21 15:50

PrepDate:

BatchNo: R34582

FileID: 1-SAMP-N4714.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	1.00	0.20	µg/L	2	03/25/21 7:57	
1,1-Dichloroethene	ND	1.00	0.32	µg/L	2	03/25/21 7:57	
cis-1,2-Dichloroethene	ND	1.00	0.20	µg/L	2	03/25/21 7:57	
Tetrachloroethene	ND	1.00	0.20	µg/L	2	03/25/21 7:57	
trans-1,2-Dichloroethene	ND	1.00	0.20	µg/L	2	03/25/21 7:57	
Trichloroethene	0.72 J	1.00	0.20	µg/L	2	03/25/21 7:57	
Vinyl chloride	ND	2.00	0.66	µg/L	2	03/25/21 7:57	
Surr: 1,2-Dichloroethane-d4	107	75-130	0.32	%REC	2	03/25/21 7:57	
Surr: Toluene-d8	100	75-125	0.20	%REC	2	03/25/21 7:57	
Surr: 4-Bromofluorobenzene	103	75-125	0.20	%REC	2	03/25/21 7:57	

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 03/26/21 8:37

956521

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

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East Syracuse, NY 13057

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Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2104067

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 03/26/21 8:31

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2104067-013A

Client Sample ID: MW-10D

Collection Date: 03/23/21 10:50

Date Received: 03/23/21 15:50

PrepDate:

BatchNo: R34582

FileID: 1-SAMP-N4715.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		03/25/21 8:33
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		03/25/21 8:33
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 8:33
Tetrachloroethene	ND	0.50	0.10	µg/L	1		03/25/21 8:33
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 8:33
Trichloroethene	0.86	0.50	0.10	µg/L	1		03/25/21 8:33
Vinyl chloride	ND	1.00	0.33	µg/L	1		03/25/21 8:33
Surr: 1,2-Dichloroethane-d4	107	75-130	0.16	%REC	1		03/25/21 8:33
Surr: Toluene-d8	101	75-125	0.10	%REC	1		03/25/21 8:33
Surr: 4-Bromofluorobenzene	106	75-125	0.10	%REC	1		03/25/21 8:33

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 03/26/21 8:37

956522

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2104067

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 03/26/21 8:31

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2104067-014A

Client Sample ID: MW-11

Collection Date: 03/23/21 13:46

Date Received: 03/23/21 15:50

PrepDate:

BatchNo: R34582

FileID: 1-SAMP-N4716.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	1.00	0.20	µg/L	2	03/25/21 9:08	
1,1-Dichloroethene	ND	1.00	0.32	µg/L	2	03/25/21 9:08	
cis-1,2-Dichloroethene	0.88 J	1.00	0.20	µg/L	2	03/25/21 9:08	
Tetrachloroethene	ND	1.00	0.20	µg/L	2	03/25/21 9:08	
trans-1,2-Dichloroethene	ND	1.00	0.20	µg/L	2	03/25/21 9:08	
Trichloroethene	1.76	1.00	0.20	µg/L	2	03/25/21 9:08	
Vinyl chloride	ND	2.00	0.66	µg/L	2	03/25/21 9:08	
Surr: 1,2-Dichloroethane-d4	105	75-130	0.32	%REC	2	03/25/21 9:08	
Surr: Toluene-d8	101	75-125	0.20	%REC	2	03/25/21 9:08	
Surr: 4-Bromofluorobenzene	106	75-125	0.20	%REC	2	03/25/21 9:08	

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 03/26/21 8:37

956523

Project Supervisor: David J Prichard



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Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2104067

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 03/26/21 8:31

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2104067-015A

Client Sample ID: MW-12S

Collection Date: 03/23/21 11:31

Date Received: 03/23/21 15:50

PrepDate:

BatchNo: R34582

FileID: 1-SAMP-N4717.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	1.00	0.20	µg/L	2		03/25/21 9:43
1,1-Dichloroethene	ND	1.00	0.32	µg/L	2		03/25/21 9:43
cis-1,2-Dichloroethene	ND	1.00	0.20	µg/L	2		03/25/21 9:43
Tetrachloroethene	ND	1.00	0.20	µg/L	2		03/25/21 9:43
trans-1,2-Dichloroethene	ND	1.00	0.20	µg/L	2		03/25/21 9:43
Trichloroethene	1.42	1.00	0.20	µg/L	2		03/25/21 9:43
Vinyl chloride	ND	2.00	0.66	µg/L	2		03/25/21 9:43
Surr: 1,2-Dichloroethane-d4	103	75-130	0.32	%REC	2		03/25/21 9:43
Surr: Toluene-d8	101	75-125	0.20	%REC	2		03/25/21 9:43
Surr: 4-Bromofluorobenzene	104	75-125	0.20	%REC	2		03/25/21 9:43

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

Print Date: 03/26/21 8:37

956524

Project Supervisor: David J Prichard



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East Syracuse, NY 13057

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Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2104067

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 03/26/21 8:31

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2104067-016A

Client Sample ID: MW-12D

Collection Date: 03/23/21 11:27

Date Received: 03/23/21 15:50

PrepDate:

BatchNo: R34582

FileID: 1-SAMP-N4718.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		03/25/21 10:17
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		03/25/21 10:17
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 10:17
Tetrachloroethene	ND	0.50	0.10	µg/L	1		03/25/21 10:17
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 10:17
Trichloroethene	1.07	0.50	0.10	µg/L	1		03/25/21 10:17
Vinyl chloride	ND	1.00	0.33	µg/L	1		03/25/21 10:17
Surr: 1,2-Dichloroethane-d4	105	75-130	0.16	%REC	1		03/25/21 10:17
Surr: Toluene-d8	101	75-125	0.10	%REC	1		03/25/21 10:17
Surr: 4-Bromofluorobenzene	104	75-125	0.10	%REC	1		03/25/21 10:17

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

Print Date: 03/26/21 8:37

956525

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

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East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2104067

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 03/26/21 8:31

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2104067-017A

Client Sample ID: MW-L16

Collection Date: 03/23/21 9:17

Date Received: 03/23/21 15:50

PrepDate:

BatchNo: R34582

FileID: 1-SAMP-N4724.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	1.00	0.20	µg/L	2		03/25/21 13:48
1,1-Dichloroethene	ND	1.00	0.32	µg/L	2		03/25/21 13:48
cis-1,2-Dichloroethene	ND	1.00	0.20	µg/L	2		03/25/21 13:48
Tetrachloroethene	ND	1.00	0.20	µg/L	2		03/25/21 13:48
trans-1,2-Dichloroethene	ND	1.00	0.20	µg/L	2		03/25/21 13:48
Trichloroethene	0.68 J	1.00	0.20	µg/L	2		03/25/21 13:48
Vinyl chloride	ND	2.00	0.66	µg/L	2		03/25/21 13:48
Surr: 1,2-Dichloroethane-d4	103	75-130	0.32	%REC	2		03/25/21 13:48
Surr: Toluene-d8	101	75-125	0.20	%REC	2		03/25/21 13:48
Surr: 4-Bromofluorobenzene	106	75-125	0.20	%REC	2		03/25/21 13:48

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 03/26/21 8:37

956528

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2104067

Matrix: WATER Q

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 03/26/21 9:45

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2104067-018A

Client Sample ID: Trip Blank

Collection Date: 11/16/20 0:00

Date Received: 03/23/21 15:50

PrepDate:

BatchNo: R34582

FileID: 1-SAMP-N4725.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		03/25/21 14:23
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		03/25/21 14:23
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 14:23
Tetrachloroethene	ND	0.50	0.10	µg/L	1		03/25/21 14:23
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 14:23
Trichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 14:23
Vinyl chloride	ND	1.00	0.33	µg/L	1		03/25/21 14:23
Surr: 1,2-Dichloroethane-d4	106	75-130	0.16	%REC	1		03/25/21 14:23
Surr: Toluene-d8	100	75-125	0.10	%REC	1		03/25/21 14:23
Surr: 4-Bromofluorobenzene	104	75-125	0.10	%REC	1		03/25/21 14:23

Qualifiers:

* Value may exceed the Acceptable Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

Print Date: 03/26/21 9:45

956529

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2104067

Matrix: EQUIPMENT BLANK

Inst. ID: MSN_76

Sample Size: NA

ColumnID: Rtx-VMS

%Moisture:

Revision: 03/26/21 8:31

TestCode: 8260W

Col Type:

Lab ID: 2104067-019A

Client Sample ID: *Equipment Blank*

Collection Date: 03/23/21 8:00

Date Received: 03/23/21 15:50

PrepDate:

BatchNo: R34582

FileID: 1-SAMP-N4726.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		03/25/21 14:58
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		03/25/21 14:58
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 14:58
Tetrachloroethene	ND	0.50	0.10	µg/L	1		03/25/21 14:58
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 14:58
Trichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 14:58
Vinyl chloride	ND	1.00	0.33	µg/L	1		03/25/21 14:58
Surr: 1,2-Dichloroethane-d4	106	75-130	0.16	%REC	1		03/25/21 14:58
Surr: Toluene-d8	101	75-125	0.10	%REC	1		03/25/21 14:58
Surr: 4-Bromofluorobenzene	105	75-125	0.10	%REC	1		03/25/21 14:58

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

Print Date: 03/26/21 8:37

956530

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2104067

Matrix: EQUIPMENT BLANK

Inst. ID: MSN_76

Sample Size: NA

ColumnID: Rtx-VMS

%Moisture:

Revision: 03/26/21 8:31

TestCode: 8260W

Col Type:

Lab ID: 2104067-020A

Client Sample ID: *Equipment Blank*

Collection Date: 03/23/21 9:43

Date Received: 03/23/21 15:50

PrepDate:

BatchNo: R34582

FileID: 1-SAMP-N4727.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		03/25/21 15:34
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		03/25/21 15:34
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 15:34
Tetrachloroethene	ND	0.50	0.10	µg/L	1		03/25/21 15:34
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 15:34
Trichloroethene	ND	0.50	0.10	µg/L	1		03/25/21 15:34
Vinyl chloride	ND	1.00	0.33	µg/L	1		03/25/21 15:34
Surr: 1,2-Dichloroethane-d4	104	75-130	0.16	%REC	1		03/25/21 15:34
Surr: Toluene-d8	102	75-125	0.10	%REC	1		03/25/21 15:34
Surr: 4-Bromofluorobenzene	103	75-125	0.10	%REC	1		03/25/21 15:34

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

Print Date: 03/26/21 8:37

956531

Project Supervisor: David J Prichard

GeoLogic NY, P.C.

CHAIN OF CUSTODY RECORD

⊗ RUSH ⊗

2104067

CLIENT: GeoLogic

SAMPLER NAME(S):

PROJECT: 210087 – March 2021 Sampling 1 of 2 C. T. Gabriel and J. A. Menzel

SAMPLE LOCATION	DATE	TIME	SAMPLE TYPE			NO. of VIALS	ANALYSIS REQUIRED
			WATER	SOIL	AIR		
JM 001 MW-1S	3-23	9:46	X			2	See Below
JM 002 MW-1D	3-23	9:50	X			2	See Below
JM 003 MW-2S	3-23	11:50	X			2	See Below
JM 004 MW-4D	3-23	12:55	X			2	See Below
JM 005 MW-5S	3-23	09:00	X			2	See Below
JM 006 MW-5D	3-23	08:50	X			2	See Below
JM 007 MW-6	3-23	10:04	X			2	See Below
CG 008 MW-7	3-23	13:11	X			2	See Below
CG 009 MW-8	3-23	10:36	X			2	See Below
CG 010 TMW-1	3-23	13:33	X			2	See Below

Relinquished by: 	Date 3-23-21	Time 14:33	Received by: 	Date 3-23-21	Time 14:30
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by: 	Date 3-23-21	Time	Received for Lab by: 	Date 3-23-21	Time 15:50

Method of Shipment: LAB PICK-UP ~~_____~~ TEMP 56°C

COMMENTS:

Sample Analysis (1 µg/L reporting limit)

3-Day RUSH Turn-Around

EPA 8260B for

1,1,1-Trichloroethane

1,1-Dichloroethene

(cis- & trans-) 1,2-Dichloroethene

Trichloroethene

Tetrachloroethene

Vinyl Chloride

GeoLogic NY, P.C.

CHAIN OF CUSTODY RECORD

RUSH

2104067

CLIENT: GeoLogic

SAMPLER NAME(S): C. T. Gabriel

PROJECT: 210087 – March 2021 Sampling 2 of 2 C. T. Gabriel and J. A. Menzel

SAMPLE LOCATION	DATE	TIME	SAMPLE TYPE			NO. of VIALS	ANALYSIS REQUIRED
			WATER	SOIL	AIR		
CG 011 MW-9	3-23	12:39	X			2	See Below
JM 012 MW-10S	3-23	10:55	X			2	See Below
JM 013 MW-10D	3-23	10:50	X			2	See Below
CG 014 MW-11	3-23	13:46	X			2	See Below
CG 015 MW-12S	3-23	11:31	X			2	See Below
CG 016 MW-12D	3-23	11:27	X			2	See Below
CG 017 MW-L16	3-23	09:17	X			2	See Below
CG 018 Trip Blank	11-16		X			2	See Below
JM 019 Equipment Blank 1	3-23	08:00 08:30	X			2	See Below
CG 020 Equipment Blank 2	3-23	09:43	X			2	See Below
Relinquished by:	Date	Time	Received by:			Date	Time
<i>[Signature]</i>	3-23-21	14:33	<i>[Signature]</i>			3-23-21	14:30
Relinquished by:	Date	Time	Received by:			Date	Time
Relinquished by:	Date	Time	Received for Lab by:			Date	Time
<i>[Signature]</i>	3-23-21	15:50	<i>[Signature]</i>			3-23-21	15:50
Method of Shipment: LAB PICK-UP ☒ TEMP 5.6°C							
COMMENTS: Sample Analysis (1 µg/L reporting limit) 3-Day RUSH Turn-Around EPA 8260B for 1,1,1-Trichloroethane 1,1-Dichloroethene (cis- & trans-) 1,2-Dichloroethene Trichloroethene Tetrachloroethene Vinyl Chloride							

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: GEOLOGIC

Date and Time Received: 3/23/2021 3:50:00 PM

Work Order Number: 2104067

Received by: gis

Checklist completed by: YS 3-23-21
Initials Date

Reviewed by: DP 3/24/21
Initials Date

Delivery Method: Courier

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Applicable ☒
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	
Water - VOA vials have zero headspace?	Yes ☒	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☒

Comments:

Corrective Action:

2021 Temp. Shutdown Test: Groundwater Elevations: March 8 through 19, 2021

Well#	**TOP PVC ELEV.	DEPTH OF WELL (FT)	3/8/2021 Pre-SD GW Elev.	3/10/2021 Pre-SD GW Elev.	3/12/2021 Pre-SD GW Elev.	3/15/2021 Pre-SD GW Elev.	3/17/2021 Pre-SD GW Elev.	3/17/2021 Post SD-1 GW Elev.	3/17/2021 Post SD-2 GW Elev.	3/17/2021 Post SD-3 GW Elev.	3/18/2021 Post SD-4 GW Elev.	3/19/2021 Post SD-5 GW Elev.
MW-1S	1185.75	39.50	1163.95	1164.07	1164.87	1165.83	1166.10	1166.25	1166.31	1166.42	1166.53	1166.60
MW-1D	1185.85	70.50	1163.92	1163.91	1164.70	1165.72	1166.08	1166.25	1166.32	1166.08	1166.51	1166.67
MW-2S	1210.91	70.20	1164.02	1164.06	1164.79	1166.07	1166.41	1166.48	1166.59	1166.69	1166.87	1167.06
MW-2D	1211.61	104.00	1164.01	1164.71	1166.85	1166.87	1166.80	1166.82	1166.82	1166.83	1166.81	1166.86
MW-4S	1209.72	73.79	NM	1164.49	1165.23	1166.65	1167.09	1167.18	1167.23	1167.28	1167.49	1167.74
MW-4D	1210.14	104.23	1164.09	1164.15	1164.96	1166.34	1166.76	1166.91	1166.94	1166.99	1167.17	1167.41
MW-5S	1178.46	40.00	1164.52	1164.55	1165.16	1166.20	1166.51	1166.55	1166.60	1166.64	1166.71	1166.82
MW-5D	1178.86	71.88	1163.93	1163.96	1164.72	1165.60	1165.96	1166.09	1166.07	1166.12	1166.23	1166.35
MW-6	1211.42	58.10	1165.92	1166.03	1166.46	1167.73	1168.18	1168.22	1168.31	1168.38	1168.56	1168.77
MW-7	1211.56	58.75	1165.50	1165.48	1165.92	1167.33	1167.88	1167.86	1167.93	1168.01	1168.24	1168.42
MW-8	1212.76	61.42	1166.09	1166.11	1166.29	1167.79	1168.30	1168.31	1168.39	1168.45	1168.64	1168.88
MW-9	1211.12	99.00	NM	1164.99	1165.60	1166.85	1167.32	1167.45	1167.54	1167.61	1167.78	1167.92
MW-10S	1207.23	62.00	1163.96	1163.95	1164.70	1165.86	1166.20	1166.28	1166.39	1166.46	1166.63	1166.79
MW-10D	1207.52	99.00	1163.79	1163.83	1164.65	1165.73	1166.08	1166.25	1166.32	1166.34	1166.50	1166.70
MW-11	1214.44	60.65	1165.68	1165.67	1166.10	1167.48	1167.97	1168.00	1168.09	1168.20	1168.44	1168.59
MW-12S	1212.94	62.00	1164.94	1164.92	1165.48	1166.84	1167.05	1167.41	1167.49	1167.59	1167.83	1168.00
MW-12D	1212.80	89.00	1164.66	1164.67	1165.30	1166.52	1167.01	1167.24	1167.31	1167.43	1167.61	1167.83
MW-L16	1212.99	60.00	1166.58	1166.49	1166.97	1168.51	1169.04	1169.08	1169.15	1169.20	1169.42	1169.63
TMW-1	1209.56	56.00	1164.42	1164.42	1165.04	1166.41	1166.80	1166.90	1167.02	1167.12	1167.28	1167.48
Piezometer	1212.59		1164.10	1164.14	1164.87	1166.03	1166.37	1166.62	1166.70	1166.73	1166.90	1167.08
Recovery Well	1205.62	94.00	1163.05	1163.08	1163.73	1164.93	1165.25	1166.69	1166.87	1166.97	1167.11	1167.34
Notes: ** Top of PVC elevations were determined from survey by Jim Stockwin, LS, 2006. All water levels referenced to top of PVC well casing. N/A = Not applicable. GW = Groundwater NM = Not Measured Elev. = Elevation SD = Shutdown on 3-17-21 at 10:30am												

TABLE 1.
Field Observations

Field Observations: March 23, 2021 Sampling Event: Post Shutdown								
Well#	CATEGORY	**TOP PVC ELEVATION	TOP PVC WATER LEVEL (FT)	GW ELEVATION	DEPTH OF WELL (FT)	VOLUME (GAL.) of WATER in WELL	APPROX. VOLUME PURGED (GAL.)	Notes
MW-1S	Shallow -Perimeter	1185.75	18.61	1167.14	39.50	3.3	10.5	Clear.
MW-1D	Deep - Perimeter	1185.85	18.75	1167.10	70.50	8.3	28	Clear.
MW-2S	Shallow -Perimeter	1210.91	43.39	1167.52	70.20	4.3	13	Clear.
MW-2D	Deep - Perimeter	1211.61	44.70	1166.91	104.00	9.5	N/A	Well damaged. No sample, water level only.
MW-4S	Shallow -Perimeter	1209.72	41.46	1168.26	73.79	5.2	N/A	Well damaged. No sample, water level only.
MW-4D	Deep - Perimeter	1210.14	42.24	1167.90	104.23	9.9	30	Clear.
MW-5S	Shallow -Perimeter	1178.46	11.28	1167.18	40.00	4.6	14.5	Clear.
MW-5D	Deep - Perimeter	1178.86	12.11	1166.75	71.88	9.6	30	Clear.
MW-6	Shallow - Interior	1211.42	42.09	1169.33	56.50	2.3	8	Clear.
MW-7	Shallow - Interior	1211.56	42.51	1169.05	58.75	2.6	10	Clear.
MW-8	Shallow - Interior	1212.76	43.31	1169.45	61.42	2.9	9	Cloudy.
MW-9	Deep - Interior	1211.12	42.60	1168.52	99.00	9.0	29	Clear.
MW-10S	Shallow -Perimeter	1207.23	39.98	1167.25	62.00	3.5	10.5	Clear.
MW-10D	Deep - Perimeter	1207.52	40.35	1167.17	99.00	9.4	30	Clear.
MW-11	Shallow - Interior	1214.44	45.23	1169.21	59.50	2.3	7.5	Dark brown and very turbid.
MW-12S	Shallow - Interior	1212.94	44.38	1168.56	62.00	2.8	9	Brown and turbid.
MW-12D	Deep - Interior	1212.80	44.45	1168.35	89.00	7.1	25	Clear.
MW-L16	Shallow	1212.99	42.74	1170.25	60.00	2.8	8.5	Very light bronw/grey.
TMW-1	Shallow	1209.56	41.54	1168.02	56.00	2.3	7	Cloudy.
Piezometer	Deep	1212.59	45.00	1167.59	124.16	N/A	N/A	No sample, water level only.
Recovery Well	Shallow	1205.62	37.76	1167.86	94.00	N/A	N/A	No sample, water level only.
Notes: ** Top of PVC elevations were determined from survey by Jim Stockwin, LS, 2006. N/A = Not available, well casings have been modified.								

Location Properties

Location Name = MW-10 S

Location ID = 73888a36-36e1-4608-a63e-2b9db39866a7

Report Properties

Start Time = 2021-03-17 10:30:00.060

Duration = 1.01:20:48

Readings = 1618

Time Offset = -04:00:00

Instrument Properties

Device Model = Level TROLL 700

Device SN = 698394

Device Firmware = 3.06

Log Properties

Log Name = MW - 10S Shut Down

Log Type = Logarithmic

Log File Number = 3

Log ID = 4ce2af72-96fd-5281-972d-c779a53cb29b

Interval = 00:01:00

Date Time	Pressure (psi) (698394)	Temperature (°C) (698394)	Depth To Water (ft) (698394)
3/17/21 10:30:00.060	4.448408	10.91431	41.02171
3/17/21 10:30:00.311	4.449353	10.92542	41.01953
3/17/21 10:30:00.561	4.448048	10.9498	41.02254
3/17/21 10:30:00.811	4.448684	10.91727	41.02108
3/17/21 10:30:01.061	4.449616	10.93576	41.01892
3/17/21 10:30:01.311	4.450085	10.95425	41.01785
3/17/21 10:30:01.561	4.450085	10.91357	41.01785
3/17/21 10:30:01.811	4.449955	10.92171	41.01814
3/17/21 10:30:02.061	4.448622	10.92542	41.02122
3/17/21 10:30:02.311	4.44912	10.94537	41.02007
3/17/21 10:30:02.561	4.451364	10.92023	41.01489
3/17/21 10:30:02.811	4.451066	10.91875	41.01558
3/17/21 10:30:03.061	4.453212	10.96017	41.01062
3/17/21 10:30:03.311	4.45073	10.93724	41.01635
3/17/21 10:30:03.561	4.450625	10.94537	41.0166
3/17/21 10:30:03.811	4.45257	11.00009	41.0121
3/17/21 10:30:04.061	4.452137	10.95129	41.01311
3/17/21 10:30:04.311	4.449458	10.97717	41.01929
3/17/21 10:30:04.561	4.452003	10.96681	41.01342
3/17/21 10:30:04.811	4.451532	10.96312	41.0145
3/17/21 10:30:05.061	4.450297	10.93576	41.01735

3/17/21 10:30:05.311	4.452098	10.95425	41.0132
3/17/21 10:30:05.561	4.452711	10.94241	41.01178
3/17/21 10:30:05.811	4.450969	10.95425	41.0158
3/17/21 10:30:06.061	4.449889	10.98383	41.0183
3/17/21 10:30:06.421	4.454422	10.93799	41.00783
3/17/21 10:30:06.781	4.451437	10.95351	41.01472
3/17/21 10:30:07.201	4.4527	10.95721	41.01181
3/17/21 10:30:07.621	4.452098	10.94241	41.0132
3/17/21 10:30:08.041	4.452065	10.93724	41.01327
3/17/21 10:30:08.521	4.451236	10.94907	41.01519
3/17/21 10:30:09.061	4.453883	10.95055	41.00907
3/17/21 10:30:09.541	4.451664	10.92467	41.01419
3/17/21 10:30:10.141	4.452875	10.93724	41.0114
3/17/21 10:30:10.741	4.450257	10.97125	41.01744
3/17/21 10:30:11.341	4.453372	10.94389	41.01025
3/17/21 10:30:12.001	4.451266	10.92542	41.01512
3/17/21 10:30:12.720	4.454952	10.95868	41.00661
3/17/21 10:30:13.500	4.453543	10.93649	41.00986
3/17/21 10:30:14.281	4.452199	10.93872	41.01296
3/17/21 10:30:15.121	4.451426	10.94685	41.01475
3/17/21 10:30:16.020	4.450453	10.95276	41.01699
3/17/21 10:30:16.980	4.452702	10.95203	41.0118
3/17/21 10:30:17.940	4.45019	10.92688	41.0176
3/17/21 10:30:19.020	4.450855	10.95572	41.01606
3/17/21 10:30:20.161	4.453102	10.95276	41.01088
3/17/21 10:30:21.361	4.453772	10.94168	41.00933
3/17/21 10:30:22.621	4.453704	10.91505	41.00949
3/17/21 10:30:23.940	4.454204	10.96756	41.00834
3/17/21 10:30:25.381	4.454571	10.92911	41.00748
3/17/21 10:30:26.881	4.452837	10.92984	41.01149
3/17/21 10:30:28.440	4.453336	10.92984	41.01034
3/17/21 10:30:30.121	4.452733	10.93872	41.01173
3/17/21 10:30:31.920	4.454571	10.93576	41.00748
3/17/21 10:30:33.781	4.454703	10.90248	41.00718
3/17/21 10:30:35.821	4.452733	10.94389	41.01173
3/17/21 10:30:37.920	4.451997	10.90987	41.01343
3/17/21 10:30:40.140	4.452702	10.94833	41.0118
3/17/21 10:30:42.541	4.454271	10.93724	41.00818
3/17/21 10:30:45.060	4.454204	10.94389	41.00834
3/17/21 10:30:47.700	4.455141	10.93799	41.00617
3/17/21 10:30:50.520	4.455511	10.92023	41.00531
3/17/21 10:30:53.520	4.45521	10.93649	41.00601
3/17/21 10:30:56.700	4.454641	10.92542	41.00732
3/17/21 10:31:00.060	4.454134	10.93799	41.0085
3/17/21 10:31:03.660	4.455385	10.94685	41.0056
3/17/21 10:31:07.260	4.454703	10.93724	41.00718

3/17/21 10:31:11.460	4.454407	10.92023	41.00786
3/17/21 10:31:15.660	4.454029	10.91949	41.00874
3/17/21 10:31:19.860	4.454779	10.92838	41.007
3/17/21 10:31:24.660	4.456249	10.9402	41.00361
3/17/21 10:31:30.060	4.455416	10.90987	41.00554
3/17/21 10:31:34.860	4.455241	10.91357	41.00594
3/17/21 10:31:40.860	4.456149	10.92984	41.00384
3/17/21 10:31:46.860	4.459059	10.92688	40.99712
3/17/21 10:31:52.860	4.456048	10.93576	41.00407
3/17/21 10:31:59.460	4.456483	10.91727	41.00307
3/17/21 10:32:06.660	4.457221	10.93945	41.00137
3/17/21 10:32:14.460	4.458827	10.93428	40.99766
3/17/21 10:32:22.260	4.457116	10.93057	41.00161
3/17/21 10:32:30.660	4.45813	10.90913	40.99927
3/17/21 10:32:39.660	4.458022	10.92911	40.99952
3/17/21 10:32:49.260	4.459499	10.92393	40.99611
3/17/21 10:32:58.860	4.457183	10.92688	41.00145
3/17/21 10:33:09.660	4.457523	10.91283	41.00067
3/17/21 10:33:21.060	4.458928	10.90913	40.99743
3/17/21 10:33:33.060	4.458564	10.93207	40.99826
3/17/21 10:33:45.660	4.457759	10.93799	41.00013
3/17/21 10:33:58.860	4.460404	10.90913	40.99401
3/17/21 10:34:13.260	4.461309	10.93724	40.99192
3/17/21 10:34:28.260	4.460671	10.93945	40.9934
3/17/21 10:34:43.860	4.464293	10.93057	40.98503
3/17/21 10:35:00.660	4.460098	10.94833	40.99472
3/17/21 10:35:18.660	4.462414	10.90839	40.98938
3/17/21 10:35:37.260	4.460141	10.95499	40.99463
3/17/21 10:35:57.660	4.462548	10.89583	40.98907
3/17/21 10:36:18.660	4.462581	10.91727	40.98899
3/17/21 10:36:40.860	4.463419	10.90321	40.98705
3/17/21 10:37:04.860	4.46466	10.94611	40.98419
3/17/21 10:37:30.060	4.463791	10.90617	40.98619
3/17/21 10:37:56.460	4.464833	10.92393	40.98379
3/17/21 10:38:24.660	4.464629	10.91801	40.98426
3/17/21 10:38:54.660	4.468346	10.92097	40.97568
3/17/21 10:39:26.460	4.465092	10.91875	40.98319
3/17/21 10:40:00.060	4.465867	10.94611	40.9814
3/17/21 10:40:36.060	4.46644	10.94907	40.98008
3/17/21 10:41:12.060	4.465429	10.90469	40.98241
3/17/21 10:41:54.060	4.466873	10.95721	40.97908
3/17/21 10:42:36.060	4.467573	10.90691	40.97746
3/17/21 10:43:18.060	4.468081	10.94095	40.97629
3/17/21 10:44:06.060	4.468683	10.95055	40.9749
3/17/21 10:45:00.060	4.47099	10.93503	40.96957
3/17/21 10:45:48.060	4.469918	10.94611	40.97205

3/17/21 10:46:48.060	4.470391	10.91357	40.97096
3/17/21 10:47:48.060	4.471458	10.93945	40.96849
3/17/21 10:48:48.060	4.472368	10.9402	40.96639
3/17/21 10:49:48.060	4.471596	10.91505	40.96817
3/17/21 10:50:48.060	4.47334	10.91505	40.96415
3/17/21 10:51:48.060	4.47056	10.92467	40.97057
3/17/21 10:52:48.060	4.473438	10.92245	40.96392
3/17/21 10:53:48.060	4.471333	10.9328	40.96878
3/17/21 10:54:48.060	4.471999	10.95203	40.96724
3/17/21 10:55:48.060	4.474006	10.92245	40.96261
3/17/21 10:56:48.060	4.471264	10.92171	40.96894
3/17/21 10:57:48.060	4.472496	10.92245	40.96609
3/17/21 10:58:48.060	4.472091	10.92245	40.96703
3/17/21 10:59:48.060	4.473708	10.92911	40.9633
3/17/21 11:00:48.060	4.47428	10.92542	40.96198
3/17/21 11:01:48.060	4.47515	10.95647	40.95997
3/17/21 11:02:48.060	4.476188	10.93134	40.95757
3/17/21 11:03:48.060	4.474146	10.95055	40.96229
3/17/21 11:04:48.060	4.47431	10.89806	40.96191
3/17/21 11:05:48.060	4.476353	10.92763	40.95719
3/17/21 11:06:48.060	4.476188	10.93724	40.95757
3/17/21 11:07:48.060	4.478666	10.94464	40.95185
3/17/21 11:08:48.060	4.479001	10.92911	40.95108
3/17/21 11:09:48.060	4.478092	10.90025	40.95317
3/17/21 11:10:48.060	4.481311	10.93057	40.94574
3/17/21 11:11:48.060	4.481044	10.92763	40.94636
3/17/21 11:12:48.060	4.481777	10.92467	40.94467
3/17/21 11:13:48.060	4.481143	10.93503	40.94613
3/17/21 11:14:48.060	4.482989	10.95055	40.94187
3/17/21 11:15:48.060	4.483553	10.93576	40.94057
3/17/21 11:16:48.060	4.484166	10.94759	40.93915
3/17/21 11:17:48.060	4.48536	10.92171	40.93639
3/17/21 11:18:48.060	4.486436	10.92245	40.93391
3/17/21 11:19:48.060	4.483957	10.90248	40.93963
3/17/21 11:20:48.060	4.483258	10.92984	40.94125
3/17/21 11:21:48.060	4.485532	10.92763	40.936
3/17/21 11:22:48.060	4.485902	10.91209	40.93514
3/17/21 11:23:48.060	4.486266	10.95129	40.9343
3/17/21 11:24:48.060	4.485267	10.91875	40.93661
3/17/21 11:25:48.060	4.486304	10.91801	40.93422
3/17/21 11:26:48.060	4.48536	10.94907	40.93639
3/17/21 11:27:48.060	4.486304	10.90025	40.93422
3/17/21 11:28:48.060	4.487543	10.95425	40.93135
3/17/21 11:29:48.060	4.489388	10.93724	40.92709
3/17/21 11:30:48.060	4.490689	10.92688	40.92409
3/17/21 11:31:48.060	4.491063	10.95055	40.92323

3/17/21 11:32:48.060	4.491729	10.92319	40.92169
3/17/21 11:33:48.060	4.492499	10.93724	40.91991
3/17/21 11:34:48.060	4.494746	10.92911	40.91472
3/17/21 11:35:48.060	4.490657	10.91949	40.92416
3/17/21 11:36:48.060	4.493533	10.9328	40.91752
3/17/21 11:37:48.060	4.49407	10.93428	40.91628
3/17/21 11:38:48.060	4.493441	10.93428	40.91774
3/17/21 11:39:48.060	4.492471	10.93576	40.91998
3/17/21 11:40:48.060	4.493137	10.93134	40.91844
3/17/21 11:41:48.060	4.493548	10.93428	40.91749
3/17/21 11:42:48.060	4.493177	10.92245	40.91834
3/17/21 11:43:48.060	4.493988	10.91801	40.91647
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3/17/21 11:45:48.060	4.49545	10.94611	40.9131
3/17/21 11:46:48.060	4.495856	10.93576	40.91216
3/17/21 11:47:48.060	4.495049	10.94168	40.91402
3/17/21 11:48:48.060	4.492898	10.91949	40.91899
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3/17/21 11:52:48.060	4.494746	10.93134	40.91472
3/17/21 11:53:48.060	4.49696	10.91431	40.90961
3/17/21 11:54:48.060	4.498335	10.92393	40.90643
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3/17/21 11:57:48.060	4.496486	10.91505	40.91071
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3/17/21 12:06:48.060	4.501349	10.90469	40.89948
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3/17/21 12:09:48.060	4.502556	10.93872	40.89669
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3/17/21 12:11:48.060	4.504192	10.92171	40.89291
3/17/21 12:12:48.060	4.502928	10.93428	40.89583
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3/17/21 12:14:48.060	4.504702	10.901	40.89174
3/17/21 12:15:48.060	4.504897	10.91357	40.89128
3/17/21 12:16:48.060	4.503655	10.92911	40.89415
3/17/21 12:17:48.060	4.506633	10.92097	40.88728

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3/17/21 12:22:48.060	4.50751	10.92911	40.88525
3/17/21 12:23:48.060	4.506405	10.9402	40.8878
3/17/21 12:24:48.060	4.504965	10.91061	40.89112
3/17/21 12:25:48.060	4.507276	10.94168	40.88579
3/17/21 12:26:48.060	4.505397	10.92542	40.89013
3/17/21 12:27:48.060	4.50617	10.92984	40.88834
3/17/21 12:28:48.060	4.508915	10.92615	40.88201
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3/17/21 12:30:48.060	4.508955	10.93724	40.88191
3/17/21 12:31:48.060	4.506809	10.92171	40.88687
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3/17/21 12:34:48.060	4.509362	10.92097	40.88097
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3/17/21 12:47:48.060	4.511463	10.92838	40.87613
3/17/21 12:48:48.060	4.510631	10.91579	40.87804
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3/17/21 12:54:48.060	4.512836	10.9402	40.87295
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3/17/21 12:57:48.060	4.515151	10.92688	40.86761
3/17/21 12:58:48.060	4.516049	10.91135	40.86554
3/17/21 12:59:48.060	4.515821	10.93945	40.86606
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3/17/21 13:02:48.060	4.518499	10.91727	40.85988
3/17/21 13:03:48.060	4.518033	10.94095	40.86095

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3/17/21 13:09:48.060	4.520174	10.93724	40.85601
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3/17/21 13:12:48.060	4.520953	10.93207	40.85421
3/17/21 13:13:48.060	4.520445	10.92688	40.85538
3/17/21 13:14:48.060	4.52256	10.93428	40.8505
3/17/21 13:15:48.060	4.521621	10.91727	40.85267
3/17/21 13:16:48.060	4.522489	10.91505	40.85067
3/17/21 13:17:48.060	4.520343	10.90913	40.85562
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3/17/21 13:19:48.060	4.521621	10.91209	40.85267
3/17/21 13:20:48.060	4.523566	10.93057	40.84818
3/17/21 13:21:48.060	4.522428	10.92393	40.85081
3/17/21 13:22:48.060	4.522826	10.92393	40.84988
3/17/21 13:23:48.060	4.523133	10.94316	40.84918
3/17/21 13:24:48.060	4.52403	10.90691	40.84711
3/17/21 13:25:48.060	4.525067	10.91949	40.84471
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3/17/21 13:27:48.060	4.526716	10.91505	40.8409
3/17/21 13:28:48.060	4.526178	10.95203	40.84215
3/17/21 13:29:48.060	4.527049	10.93799	40.84013
3/17/21 13:30:48.060	4.527351	10.93872	40.83944
3/17/21 13:31:48.060	4.528656	10.94537	40.83643
3/17/21 13:32:48.060	4.529127	10.92097	40.83534
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3/17/21 13:34:48.060	4.529123	10.91801	40.83535
3/17/21 13:35:48.060	4.528122	10.91949	40.83766
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3/17/21 13:37:48.060	4.528317	10.91283	40.83721
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3/17/21 13:41:48.060	4.528351	10.92688	40.83713
3/17/21 13:42:48.060	4.529856	10.93724	40.83365
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3/17/21 13:44:48.060	4.529664	10.92911	40.8341
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3/17/21 13:46:48.060	4.531301	10.93799	40.83032
3/17/21 13:47:48.060	4.530971	10.90913	40.83108
3/17/21 13:48:48.060	4.531729	10.90987	40.82933
3/17/21 13:49:48.060	4.531107	10.93428	40.83076

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3/17/21 13:53:48.060	4.532412	10.94537	40.82775
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3/17/21 14:01:48.060	4.536065	10.92984	40.81932
3/17/21 14:02:48.060	4.533883	10.93724	40.82436
3/17/21 14:03:48.060	4.535357	10.92542	40.82095
3/17/21 14:04:48.060	4.537128	10.93134	40.81686
3/17/21 14:05:48.060	4.535517	10.91949	40.82058
3/17/21 14:06:48.060	4.535626	10.91653	40.82033
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3/17/21 14:21:48.060	4.540815	10.91505	40.80835
3/17/21 14:22:48.060	4.541352	10.9402	40.80711
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3/17/21 14:25:48.060	4.543025	10.89952	40.80325
3/17/21 14:26:48.060	4.541456	10.93872	40.80687
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3/17/21 14:29:48.060	4.542691	10.90765	40.80402
3/17/21 14:30:48.060	4.541224	10.92245	40.80741
3/17/21 14:31:48.060	4.543965	10.93799	40.80107
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3/17/21 14:33:48.060	4.545702	10.95276	40.79707
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3/17/21 14:35:48.060	4.542326	10.91061	40.80486

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3/17/21 14:37:48.060	4.537732	10.93353	40.81547
3/17/21 14:38:48.060	4.53837	10.92319	40.814
3/17/21 14:39:48.060	4.539484	10.92615	40.81142
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3/17/21 14:41:48.060	4.541284	10.93872	40.80727
3/17/21 14:42:48.060	4.54065	10.91727	40.80873
3/17/21 14:43:48.060	4.544162	10.93134	40.80062
3/17/21 14:44:48.060	4.548415	10.92542	40.7908
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3/17/21 15:01:48.060	4.547724	10.9402	40.7924
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3/17/21 15:03:48.060	4.545473	10.9498	40.7976
3/17/21 15:04:48.060	4.547112	10.94464	40.79381
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3/17/21 15:06:48.060	4.550428	10.95203	40.78615
3/17/21 15:07:48.060	4.547112	10.92911	40.79381
3/17/21 15:08:48.060	4.546309	10.92245	40.79567
3/17/21 15:09:48.060	4.549798	10.95351	40.78761
3/17/21 15:10:48.060	4.549795	10.94611	40.78762
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3/17/21 15:12:48.060	4.54702	10.90469	40.79402
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3/17/21 15:14:48.060	4.548657	10.93353	40.79025
3/17/21 15:15:48.060	4.548255	10.92984	40.79117
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3/17/21 15:19:48.060	4.5504	10.93503	40.78622
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3/17/21 15:21:48.060	4.549895	10.92467	40.78738

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3/17/21 15:23:48.060	4.548927	10.92615	40.78962
3/17/21 15:24:48.060	4.553783	10.93207	40.77841
3/17/21 15:25:48.060	4.551471	10.90987	40.78374
3/17/21 15:26:48.060	4.551806	10.95351	40.78297
3/17/21 15:27:48.060	4.550731	10.94168	40.78545
3/17/21 15:28:48.060	4.552042	10.94241	40.78243
3/17/21 15:29:48.060	4.551613	10.95425	40.78342
3/17/21 15:30:48.060	4.550901	10.92763	40.78506
3/17/21 15:31:48.060	4.554818	10.96756	40.77602
3/17/21 15:32:48.060	4.555595	10.94685	40.77422
3/17/21 15:33:48.060	4.554881	10.92467	40.77587
3/17/21 15:34:48.060	4.553315	10.94389	40.77949
3/17/21 15:35:48.060	4.553486	10.9328	40.77909
3/17/21 15:36:48.060	4.55719	10.94907	40.77054
3/17/21 15:37:48.060	4.553375	10.90617	40.77935
3/17/21 15:38:48.060	4.552805	10.90839	40.78067
3/17/21 15:39:48.060	4.552235	10.9328	40.78198
3/17/21 15:40:48.060	4.554721	10.93207	40.77624
3/17/21 15:41:48.060	4.553843	10.92763	40.77827
3/17/21 15:42:48.060	4.554111	10.95055	40.77765
3/17/21 15:43:48.060	4.552773	10.93207	40.78074
3/17/21 15:44:48.060	4.552939	10.91801	40.78036
3/17/21 15:45:48.060	4.55251	10.93649	40.78135
3/17/21 15:46:48.060	4.552274	10.93057	40.78189
3/17/21 15:47:48.060	4.552005	10.92911	40.78251
3/17/21 15:48:48.060	4.554683	10.91949	40.77633
3/17/21 15:49:48.060	4.552606	10.92023	40.78112
3/17/21 15:50:48.060	4.551937	10.91801	40.78267
3/17/21 15:51:48.060	4.553184	10.93057	40.77979
3/17/21 15:52:48.060	4.553476	10.93207	40.77912
3/17/21 15:53:48.060	4.554016	10.92542	40.77787
3/17/21 15:54:48.060	4.553382	10.94685	40.77933
3/17/21 15:55:48.060	4.554318	10.92615	40.77717
3/17/21 15:56:48.060	4.554881	10.90765	40.77587
3/17/21 15:57:48.060	4.555387	10.93503	40.7747
3/17/21 15:58:48.060	4.556127	10.93576	40.77299
3/17/21 15:59:48.060	4.557727	10.91431	40.7693
3/17/21 16:00:48.060	4.555529	10.91875	40.77438
3/17/21 16:01:48.060	4.555258	10.9328	40.775
3/17/21 16:02:48.060	4.555328	10.92911	40.77484
3/17/21 16:03:48.060	4.555962	10.93945	40.77338
3/17/21 16:04:48.060	4.553382	10.90544	40.77933
3/17/21 16:05:48.060	4.553045	10.94685	40.78011
3/17/21 16:06:48.060	4.556623	10.94316	40.77185
3/17/21 16:07:48.060	4.554514	10.94241	40.77672

3/17/21 16:08:48.060	4.555186	10.94537	40.77517
3/17/21 16:09:48.060	4.553783	10.91579	40.77841
3/17/21 16:10:48.060	4.554415	10.90396	40.77695
3/17/21 16:11:48.060	4.554713	10.93724	40.77626
3/17/21 16:12:48.060	4.554911	10.92615	40.7758
3/17/21 16:13:48.060	4.557405	10.93353	40.77005
3/17/21 16:14:48.060	4.556089	10.93945	40.77308
3/17/21 16:15:48.060	4.555459	10.90839	40.77454
3/17/21 16:16:48.060	4.557738	10.94464	40.76928
3/17/21 16:17:48.060	4.556089	10.92023	40.77308
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3/17/21 16:20:48.060	4.555962	10.91727	40.77338
3/17/21 16:21:48.060	4.557028	10.92688	40.77092
3/17/21 16:22:48.060	4.555791	10.92245	40.77377
3/17/21 16:23:48.060	4.559478	10.90839	40.76526
3/17/21 16:24:48.060	4.556049	10.92393	40.77317
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3/17/21 16:26:48.060	4.555021	10.92542	40.77555
3/17/21 16:27:48.060	4.556726	10.90469	40.77161
3/17/21 16:28:48.060	4.55833	10.91949	40.76791
3/17/21 16:29:48.060	4.559576	10.91727	40.76503
3/17/21 16:30:48.060	4.558236	10.91135	40.76812
3/17/21 16:31:48.060	4.556933	10.93872	40.77113
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3/17/21 16:33:48.060	4.557803	10.92763	40.76913
3/17/21 16:34:48.060	4.558437	10.91949	40.76766
3/17/21 16:35:48.060	4.558372	10.93576	40.76781
3/17/21 16:36:48.060	4.55891	10.91653	40.76657
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3/17/21 16:41:48.060	4.559079	10.93503	40.76618
3/17/21 16:42:48.060	4.558539	10.92171	40.76743
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3/17/21 16:46:48.060	4.558914	10.94611	40.76656
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3/17/21 16:50:48.060	4.562199	10.93503	40.75898
3/17/21 16:51:48.060	4.55974	10.92319	40.76465
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3/17/21 16:53:48.060	4.560012	10.93353	40.76403

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3/17/21 16:56:48.060	4.5595	10.93649	40.76521
3/17/21 16:57:48.060	4.561077	10.93428	40.76157
3/17/21 16:58:48.060	4.559951	10.92245	40.76417
3/17/21 16:59:48.060	4.560978	10.93057	40.7618
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3/17/21 17:12:48.060	4.566479	10.95055	40.74909
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3/17/21 17:14:48.060	4.563193	10.92763	40.75668
3/17/21 17:15:48.060	4.564934	10.88918	40.75266
3/17/21 17:16:48.060	4.564813	10.92911	40.75294
3/17/21 17:17:48.060	4.565671	10.93134	40.75096
3/17/21 17:18:48.060	4.565236	10.94907	40.75196
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3/17/21 17:21:48.060	4.566879	10.92097	40.74817
3/17/21 17:22:48.060	4.566812	10.93872	40.74833
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3/17/21 17:24:48.060	4.56622	10.9328	40.74969
3/17/21 17:25:48.060	4.566352	10.93428	40.74939
3/17/21 17:26:48.060	4.56624	10.92097	40.74965
3/17/21 17:27:48.060	4.567961	10.94907	40.74567
3/17/21 17:28:48.060	4.567683	10.92838	40.74631
3/17/21 17:29:48.060	4.56826	10.92393	40.74498
3/17/21 17:30:48.060	4.567479	10.88991	40.74678
3/17/21 17:31:48.060	4.566579	10.90396	40.74886
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3/17/21 17:33:48.060	4.564813	10.90839	40.75294
3/17/21 17:34:48.060	4.566812	10.96017	40.74833
3/17/21 17:35:48.060	4.567853	10.93872	40.74592
3/17/21 17:36:48.060	4.568299	10.91061	40.74489
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3/17/21 17:39:48.060	4.566574	10.91579	40.74887

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3/17/21 17:42:48.060	4.568658	10.93353	40.74406
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3/17/21 17:45:48.060	4.568959	10.92542	40.74337
3/17/21 17:46:48.060	4.569561	10.92615	40.74198
3/17/21 17:47:48.060	4.571166	10.91801	40.73827
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3/17/21 17:52:48.060	4.570765	10.95276	40.7392
3/17/21 17:53:48.060	4.571869	10.90469	40.73665
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3/17/21 17:59:48.060	4.572395	10.9498	40.73543
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3/17/21 18:06:48.060	4.572881	10.93207	40.73431
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3/17/21 18:08:48.060	4.571403	10.91135	40.73772
3/17/21 18:09:48.060	4.571847	10.92763	40.7367
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3/17/21 18:11:48.060	4.570765	10.92615	40.7392
3/17/21 18:12:48.060	4.573285	10.9402	40.73338
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3/17/21 18:20:48.060	4.575521	10.92763	40.72821
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3/17/21 18:22:48.060	4.572641	10.92245	40.73487
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3/17/21 18:25:48.060	4.575352	10.91061	40.7286

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3/17/21 18:29:48.060	4.575217	10.93207	40.72892
3/17/21 18:30:48.060	4.573241	10.91727	40.73348
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3/17/21 18:36:48.060	4.57512	10.93057	40.72914
3/17/21 18:37:48.060	4.576232	10.90839	40.72657
3/17/21 18:38:48.060	4.574815	10.93057	40.72985
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3/17/21 18:59:48.060	4.576898	10.92393	40.72504
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3/17/21 19:02:48.060	4.574374	10.92097	40.73086
3/17/21 19:03:48.060	4.575485	10.91949	40.7283
3/17/21 19:04:48.060	4.574913	10.92097	40.72962
3/17/21 19:05:48.060	4.57599	10.94833	40.72713
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3/17/21 19:11:48.060	4.576529	10.92171	40.72589

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3/17/21 19:37:48.060	4.581321	10.91653	40.71482
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3/17/21 19:46:48.060	4.582318	10.9328	40.71252
3/17/21 19:47:48.060	4.581623	10.94537	40.71413
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3/17/21 19:53:48.060	4.579542	10.92688	40.71893
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3/17/21 19:57:48.060	4.580446	10.9402	40.71684

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3/17/21 20:00:48.060	4.582893	10.92319	40.71119
3/17/21 20:01:48.060	4.58138	10.93799	40.71469
3/17/21 20:02:48.060	4.583364	10.90617	40.71011
3/17/21 20:03:48.060	4.580949	10.91209	40.71568
3/17/21 20:04:48.060	4.581248	10.93207	40.71499
3/17/21 20:05:48.060	4.582022	10.93207	40.7132
3/17/21 20:06:48.060	4.581449	10.91653	40.71453
3/17/21 20:07:48.060	4.581616	10.94095	40.71414
3/17/21 20:08:48.060	4.579943	10.94095	40.71801
3/17/21 20:09:48.060	4.582693	10.92838	40.71165
3/17/21 20:10:48.060	4.580854	10.9402	40.7159
3/17/21 20:11:48.060	4.582455	10.93353	40.7122
3/17/21 20:12:48.060	4.580815	10.94537	40.71599
3/17/21 20:13:48.060	4.583094	10.89806	40.71073
3/17/21 20:14:48.060	4.581646	10.92838	40.71407
3/17/21 20:15:48.060	4.58453	10.93207	40.70741
3/17/21 20:16:48.060	4.580247	10.93057	40.7173
3/17/21 20:17:48.060	4.58309	10.92763	40.71074
3/17/21 20:18:48.060	4.581557	10.92763	40.71428
3/17/21 20:19:48.060	4.583628	10.93649	40.7095
3/17/21 20:20:48.060	4.581515	10.9328	40.71437
3/17/21 20:21:48.060	4.583589	10.9328	40.70959
3/17/21 20:22:48.060	4.583958	10.91875	40.70874
3/17/21 20:23:48.060	4.583657	10.93134	40.70943
3/17/21 20:24:48.060	4.583972	10.91653	40.7087
3/17/21 20:25:48.060	4.583259	10.94316	40.71035
3/17/21 20:26:48.060	4.5835	10.91135	40.70979
3/17/21 20:27:48.060	4.582664	10.93945	40.71172
3/17/21 20:28:48.060	4.583123	10.92688	40.71066
3/17/21 20:29:48.060	4.585106	10.93945	40.70608
3/17/21 20:30:48.060	4.584729	10.94464	40.70695
3/17/21 20:31:48.060	4.583123	10.94168	40.71066
3/17/21 20:32:48.060	4.584397	10.91431	40.70772
3/17/21 20:33:48.060	4.583267	10.91949	40.71033
3/17/21 20:34:48.060	4.58494	10.91061	40.70647
3/17/21 20:35:48.060	4.584831	10.91875	40.70672
3/17/21 20:36:48.060	4.585765	10.92763	40.70456
3/17/21 20:37:48.060	4.584672	10.93724	40.70708
3/17/21 20:38:48.060	4.585776	10.92984	40.70454
3/17/21 20:39:48.060	4.587449	10.92171	40.70067
3/17/21 20:40:48.060	4.588215	10.92838	40.69891
3/17/21 20:41:48.060	4.586619	10.94464	40.70259
3/17/21 20:42:48.060	4.585373	10.91209	40.70547
3/17/21 20:43:48.060	4.586409	10.93724	40.70308

3/17/21 20:44:48.060	4.587585	10.93503	40.70036
3/17/21 20:45:48.060	4.586982	10.9328	40.70175
3/17/21 20:46:48.060	4.586013	10.95203	40.70399
3/17/21 20:47:48.060	4.585911	10.95203	40.70422
3/17/21 20:48:48.060	4.58568	10.95351	40.70476
3/17/21 20:49:48.060	4.586273	10.92542	40.70339
3/17/21 20:50:48.060	4.587622	10.94389	40.70028
3/17/21 20:51:48.060	4.586916	10.91209	40.7019
3/17/21 20:52:48.060	4.585479	10.91357	40.70522
3/17/21 20:53:48.060	4.58651	10.90396	40.70284
3/17/21 20:54:48.060	4.587478	10.92023	40.70061
3/17/21 20:55:48.060	4.586149	10.90987	40.70367
3/17/21 20:56:48.060	4.586954	10.92097	40.70182
3/17/21 20:57:48.060	4.585843	10.92838	40.70438
3/17/21 20:58:48.060	4.586954	10.92763	40.70182
3/17/21 20:59:48.060	4.588585	10.90617	40.69805
3/17/21 21:00:48.060	4.585203	10.91283	40.70586
3/17/21 21:01:48.060	4.587156	10.92984	40.70135
3/17/21 21:02:48.060	4.586477	10.91209	40.70292
3/17/21 21:03:48.060	4.586916	10.92763	40.7019
3/17/21 21:04:48.060	4.586178	10.93057	40.70361
3/17/21 21:05:48.060	4.58829	10.90469	40.69873
3/17/21 21:06:48.060	4.587978	10.92393	40.69945
3/17/21 21:07:48.060	4.588725	10.92688	40.69773
3/17/21 21:08:48.060	4.587508	10.94241	40.70054
3/17/21 21:09:48.060	4.587358	10.92838	40.70089
3/17/21 21:10:48.060	4.589563	10.91727	40.69579
3/17/21 21:11:48.060	4.588487	10.92615	40.69828
3/17/21 21:12:48.060	4.590225	10.91653	40.69426
3/17/21 21:13:48.060	4.588896	10.93057	40.69733
3/17/21 21:14:48.060	4.590641	10.92023	40.6933
3/17/21 21:15:48.060	4.589289	10.94537	40.69643
3/17/21 21:16:48.060	4.590527	10.92467	40.69357
3/17/21 21:17:48.060	4.59044	10.91875	40.69377
3/17/21 21:18:48.060	4.591539	10.92984	40.69123
3/17/21 21:19:48.060	4.590975	10.92688	40.69253
3/17/21 21:20:48.060	4.589996	10.95572	40.69479
3/17/21 21:21:48.060	4.588896	10.92023	40.69733
3/17/21 21:22:48.060	4.589861	10.91579	40.69511
3/17/21 21:23:48.060	4.585814	10.92171	40.70445
3/17/21 21:24:48.060	4.590266	10.92245	40.69417
3/17/21 21:25:48.060	4.590762	10.9402	40.69302
3/17/21 21:26:48.060	4.590196	10.92615	40.69433
3/17/21 21:27:48.060	4.588847	10.91653	40.69744
3/17/21 21:28:48.060	4.591003	10.93428	40.69247
3/17/21 21:29:48.060	4.593214	10.94095	40.68736

3/17/21 21:30:48.060	4.590867	10.90765	40.69278
3/17/21 21:31:48.060	4.591983	10.93134	40.6902
3/17/21 21:32:48.060	4.591482	10.90913	40.69136
3/17/21 21:33:48.060	4.592852	10.92097	40.6882
3/17/21 21:34:48.060	4.59305	10.92984	40.68774
3/17/21 21:35:48.060	4.592714	10.94833	40.68851
3/17/21 21:36:48.060	4.593113	10.93872	40.6876
3/17/21 21:37:48.060	4.594954	10.94241	40.68335
3/17/21 21:38:48.060	4.594754	10.93207	40.68381
3/17/21 21:39:48.060	4.5906	10.92542	40.6934
3/17/21 21:40:48.060	4.590768	10.93724	40.69301
3/17/21 21:41:48.060	4.593786	10.92023	40.68604
3/17/21 21:42:48.060	4.592245	10.92319	40.6896
3/17/21 21:43:48.060	4.592984	10.93799	40.68789
3/17/21 21:44:48.060	4.591232	10.91209	40.69194
3/17/21 21:45:48.060	4.591173	10.93353	40.69207
3/17/21 21:46:48.060	4.592774	10.92542	40.68838
3/17/21 21:47:48.060	4.592369	10.93353	40.68931
3/17/21 21:48:48.060	4.592937	10.91653	40.688
3/17/21 21:49:48.060	4.592707	10.92393	40.68853
3/17/21 21:50:48.060	4.592568	10.93503	40.68885
3/17/21 21:51:48.060	4.592881	10.92911	40.68813
3/17/21 21:52:48.060	4.591807	10.90765	40.69061
3/17/21 21:53:48.060	4.592476	10.91431	40.68907
3/17/21 21:54:48.060	4.592131	10.93353	40.68987
3/17/21 21:55:48.060	4.592476	10.92023	40.68907
3/17/21 21:56:48.060	4.593578	10.90987	40.68652
3/17/21 21:57:48.060	4.593378	10.92319	40.68699
3/17/21 21:58:48.060	4.591927	10.91653	40.69033
3/17/21 21:59:48.060	4.5907	10.94168	40.69317
3/17/21 22:00:48.060	4.592809	10.92838	40.6883
3/17/21 22:01:48.060	4.590497	10.90765	40.69364
3/17/21 22:02:48.060	4.594109	10.91505	40.6853
3/17/21 22:03:48.060	4.592802	10.91801	40.68832
3/17/21 22:04:48.060	4.593682	10.92542	40.68628
3/17/21 22:05:48.060	4.59261	10.92245	40.68876
3/17/21 22:06:48.060	4.591779	10.91209	40.69067
3/17/21 22:07:48.060	4.591736	10.92171	40.69078
3/17/21 22:08:48.060	4.593309	10.92245	40.68715
3/17/21 22:09:48.060	4.5911	10.92615	40.69225
3/17/21 22:10:48.060	4.590856	10.92615	40.69281
3/17/21 22:11:48.060	4.592131	10.94611	40.68987
3/17/21 22:12:48.060	4.592745	10.93503	40.68845
3/17/21 22:13:48.060	4.594137	10.90913	40.68523
3/17/21 22:14:48.060	4.593952	10.91505	40.68566
3/17/21 22:15:48.060	4.593885	10.91949	40.68581

3/17/21 22:16:48.060	4.59572	10.92984	40.68158
3/17/21 22:17:48.060	4.59422	10.90396	40.68504
3/17/21 22:18:48.060	4.595856	10.93353	40.68126
3/17/21 22:19:48.060	4.594415	10.91283	40.68459
3/17/21 22:20:48.060	4.594782	10.91653	40.68374
3/17/21 22:21:48.060	4.593647	10.92911	40.68636
3/17/21 22:22:48.060	4.593309	10.92984	40.68715
3/17/21 22:23:48.060	4.593002	10.92467	40.68785
3/17/21 22:24:48.060	4.59422	10.91357	40.68504
3/17/21 22:25:48.060	4.593339	10.94389	40.68707
3/17/21 22:26:48.060	4.593578	10.90765	40.68652
3/17/21 22:27:48.060	4.59352	10.94168	40.68666
3/17/21 22:28:48.060	4.592697	10.92171	40.68856
3/17/21 22:29:48.060	4.593845	10.91061	40.68591
3/17/21 22:30:48.060	4.59127	10.90321	40.69185
3/17/21 22:31:48.060	4.593945	10.92615	40.68568
3/17/21 22:32:48.060	4.593654	10.92763	40.68635
3/17/21 22:33:48.060	4.59415	10.89952	40.6852
3/17/21 22:34:48.060	4.591061	10.92984	40.69233
3/17/21 22:35:48.060	4.593814	10.92097	40.68598
3/17/21 22:36:48.060	4.59327	10.92911	40.68723
3/17/21 22:37:48.060	4.595222	10.91505	40.68272
3/17/21 22:38:48.060	4.594341	10.93872	40.68476
3/17/21 22:39:48.060	4.596421	10.94389	40.67996
3/17/21 22:40:48.060	4.595798	10.90913	40.6814
3/17/21 22:41:48.060	4.595999	10.93134	40.68093
3/17/21 22:42:48.060	4.597675	10.92245	40.67706
3/17/21 22:43:48.060	4.595862	10.93503	40.68125
3/17/21 22:44:48.060	4.596696	10.93799	40.67932
3/17/21 22:45:48.060	4.595515	10.93945	40.68205
3/17/21 22:46:48.060	4.598012	10.95795	40.67628
3/17/21 22:47:48.060	4.598837	10.92763	40.67438
3/17/21 22:48:48.060	4.599142	10.92838	40.67368
3/17/21 22:49:48.060	4.596227	10.93576	40.6804
3/17/21 22:50:48.060	4.597578	10.92838	40.67729
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3/17/21 22:52:48.060	4.598181	10.94611	40.67589
3/17/21 22:53:48.060	4.598238	10.9328	40.67576
3/17/21 22:54:48.060	4.597424	10.92838	40.67764
3/17/21 22:55:48.060	4.598139	10.91209	40.67599
3/17/21 22:56:48.060	4.601483	10.92688	40.66827
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3/17/21 22:58:48.060	4.59938	10.94241	40.67313
3/17/21 22:59:48.060	4.597569	10.91431	40.67731
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3/17/21 23:01:48.060	4.59925	10.91801	40.67343

3/17/21 23:02:48.060	4.598238	10.93503	40.67576
3/17/21 23:03:48.060	4.598535	10.92615	40.67508
3/17/21 23:04:48.060	4.597973	10.90839	40.67638
3/17/21 23:05:48.060	4.598772	10.91505	40.67453
3/17/21 23:06:48.060	4.597532	10.95572	40.67739
3/17/21 23:07:48.060	4.596057	10.94095	40.6808
3/17/21 23:08:48.060	4.601457	10.93649	40.66833
3/17/21 23:09:48.060	4.599713	10.92023	40.67236
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3/17/21 23:12:48.060	4.598909	10.92245	40.67421
3/17/21 23:13:48.060	4.597664	10.93724	40.67709
3/17/21 23:14:48.060	4.597258	10.91653	40.67802
3/17/21 23:15:48.060	4.598772	10.91431	40.67453
3/17/21 23:16:48.060	4.599779	10.90617	40.6722
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3/17/21 23:19:48.060	4.598853	10.93649	40.67434
3/17/21 23:20:48.060	4.599097	10.92838	40.67378
3/17/21 23:21:48.060	4.59787	10.9498	40.67661
3/17/21 23:22:48.060	4.599751	10.92615	40.67227
3/17/21 23:23:48.060	4.597731	10.91209	40.67693
3/17/21 23:24:48.060	4.599742	10.90396	40.67229
3/17/21 23:25:48.060	4.598478	10.92542	40.67521
3/17/21 23:26:48.060	4.598441	10.92984	40.67529
3/17/21 23:27:48.060	4.597597	10.93134	40.67724
3/17/21 23:28:48.060	4.5984	10.92319	40.67539
3/17/21 23:29:48.060	4.598204	10.94095	40.67584
3/17/21 23:30:48.060	4.5988	10.91875	40.67447
3/17/21 23:31:48.060	4.597893	10.90987	40.67656
3/17/21 23:32:48.060	4.598737	10.94168	40.67461
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3/17/21 23:34:48.060	4.600477	10.93724	40.67059
3/17/21 23:35:48.060	4.599337	10.91875	40.67323
3/17/21 23:36:48.060	4.600677	10.91727	40.67013
3/17/21 23:37:48.060	4.598894	10.91209	40.67425
3/17/21 23:38:48.060	4.597807	10.94168	40.67676
3/17/21 23:39:48.060	4.598508	10.93057	40.67514
3/17/21 23:40:48.060	4.599204	10.92688	40.67353
3/17/21 23:41:48.060	4.600477	10.92984	40.67059
3/17/21 23:42:48.060	4.601761	10.93057	40.66763
3/17/21 23:43:48.060	4.59837	10.93649	40.67546
3/17/21 23:44:48.060	4.59927	10.91505	40.67338
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3/17/21 23:47:48.060	4.599142	10.93057	40.67368

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3/17/21 23:59:48.060	4.602928	10.92911	40.66493
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3/18/21 0:02:48.060	4.601751	10.93503	40.66765
3/18/21 0:03:48.060	4.601483	10.92023	40.66827
3/18/21 0:04:48.060	4.601993	10.91727	40.66709
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3/18/21 0:12:48.060	4.603267	10.93503	40.66415
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3/18/21 0:17:48.060	4.603503	10.92245	40.6636
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3/18/21 0:19:48.060	4.603093	10.92688	40.66455
3/18/21 0:20:48.060	4.602554	10.92467	40.6658
3/18/21 0:21:48.060	4.605703	10.90544	40.65852
3/18/21 0:22:48.060	4.602593	10.92245	40.66571
3/18/21 0:23:48.060	4.60403	10.90544	40.66239
3/18/21 0:24:48.060	4.602489	10.92023	40.66595
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3/18/21 0:26:48.060	4.604565	10.92763	40.66115
3/18/21 0:27:48.060	4.604832	10.92984	40.66054
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3/18/21 0:30:48.060	4.603828	10.94833	40.66285
3/18/21 0:31:48.060	4.605108	10.93428	40.6599
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3/18/21 0:33:48.060	4.604739	10.9402	40.66075

3/18/21 0:34:48.060	4.605982	10.91579	40.65788
3/18/21 0:35:48.060	4.60494	10.92097	40.66029
3/18/21 0:36:48.060	4.605303	10.91283	40.65945
3/18/21 0:37:48.060	4.604536	10.90691	40.66122
3/18/21 0:38:48.060	4.605444	10.9402	40.65912
3/18/21 0:39:48.060	4.606248	10.93207	40.65726
3/18/21 0:40:48.060	4.607852	10.93649	40.65356
3/18/21 0:41:48.060	4.607149	10.93724	40.65519
3/18/21 0:42:48.060	4.605875	10.93945	40.65813
3/18/21 0:43:48.060	4.605408	10.90469	40.65921
3/18/21 0:44:48.060	4.603468	10.92467	40.66368
3/18/21 0:45:48.060	4.604883	10.92911	40.66042
3/18/21 0:46:48.060	4.605005	10.91209	40.66014
3/18/21 0:47:48.060	4.607652	10.93428	40.65403
3/18/21 0:48:48.060	4.605776	10.92467	40.65836
3/18/21 0:49:48.060	4.607248	10.93649	40.65496
3/18/21 0:50:48.060	4.607277	10.92615	40.65489
3/18/21 0:51:48.060	4.608055	10.93353	40.6531
3/18/21 0:52:48.060	4.608318	10.92984	40.65249
3/18/21 0:53:48.060	4.607822	10.91061	40.65363
3/18/21 0:54:48.060	4.607282	10.93207	40.65488
3/18/21 0:55:48.060	4.605913	10.92615	40.65804
3/18/21 0:56:48.060	4.604335	10.92615	40.66168
3/18/21 0:57:48.060	4.609	10.93872	40.65091
3/18/21 0:58:48.060	4.60494	10.94464	40.66029
3/18/21 0:59:48.060	4.606012	10.91727	40.65781
3/18/21 1:00:48.060	4.608259	10.94168	40.65263
3/18/21 1:01:48.060	4.607584	10.91061	40.65418
3/18/21 1:02:48.060	4.607685	10.92319	40.65395
3/18/21 1:03:48.060	4.606709	10.95425	40.6562
3/18/21 1:04:48.060	4.607782	10.92688	40.65372
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3/18/21 1:06:48.060	4.608318	10.92023	40.65249
3/18/21 1:07:48.060	4.608055	10.92615	40.6531
3/18/21 1:08:48.060	4.609938	10.92615	40.64875
3/18/21 1:09:48.060	4.607652	10.92097	40.65403
3/18/21 1:10:48.060	4.608324	10.94095	40.65247
3/18/21 1:11:48.060	4.607652	10.90469	40.65403
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3/18/21 1:15:48.060	4.608692	10.93353	40.65162
3/18/21 1:16:48.060	4.608195	10.91801	40.65277
3/18/21 1:17:48.060	4.609562	10.92688	40.64962
3/18/21 1:18:48.060	4.608863	10.91579	40.65123
3/18/21 1:19:48.060	4.61096	10.91801	40.64639

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3/18/21 1:22:48.060	4.607928	10.92615	40.65339
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3/18/21 1:25:48.060	4.609562	10.91801	40.64962
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3/18/21 2:26:48.060	4.610405	10.92542	40.64767
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3/18/21 2:33:48.060	4.613046	10.91875	40.64157
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3/18/21 2:35:48.060	4.618167	10.93057	40.62975
3/18/21 2:36:48.060	4.614455	10.92467	40.63832
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3/18/21 2:39:48.060	4.615299	10.93872	40.63637
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3/18/21 2:42:48.060	4.614153	10.92393	40.63902
3/18/21 2:43:48.060	4.613678	10.93207	40.64011
3/18/21 2:44:48.060	4.614923	10.93945	40.63724
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3/18/21 2:51:48.060	4.614166	10.95203	40.63898

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3/18/21 2:58:48.060	4.614217	10.90617	40.63887
3/18/21 2:59:48.060	4.616331	10.94168	40.63399
3/18/21 3:00:48.060	4.614923	10.92245	40.63724
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3/18/21 3:03:48.060	4.616599	10.92319	40.63337
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3/18/21 3:05:48.060	4.618371	10.92838	40.62928
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3/18/21 3:11:48.060	4.617401	10.93649	40.63152
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3/18/21 3:37:48.060	4.615362	10.90691	40.63622

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3/18/21 3:39:48.060	4.615124	10.91801	40.63677
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3/18/21 3:43:48.060	4.617709	10.9498	40.6308
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3/18/21 3:57:48.060	4.619115	10.9328	40.62756
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3/18/21 4:00:48.060	4.621798	10.93428	40.62136
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3/18/21 4:03:48.060	4.622056	10.94464	40.62077
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3/18/21 4:06:48.060	4.62219	10.93134	40.62046
3/18/21 4:07:48.060	4.622095	10.92171	40.62068
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3/18/21 4:16:48.060	4.62223	10.92097	40.62037
3/18/21 4:17:48.060	4.619987	10.93134	40.62555
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3/18/21 4:21:48.060	4.620565	10.93724	40.62421
3/18/21 4:22:48.060	4.622687	10.93799	40.61931
3/18/21 4:23:48.060	4.621319	10.94095	40.62247

3/18/21 4:24:48.060	4.621253	10.90839	40.62262
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3/18/21 4:38:48.060	4.622563	10.91801	40.61959
3/18/21 4:39:48.060	4.621223	10.90913	40.62269
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3/18/21 4:59:48.060	4.62219	10.91357	40.62046
3/18/21 5:00:48.060	4.622631	10.93134	40.61944
3/18/21 5:01:48.060	4.622823	10.90987	40.619
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3/18/21 5:03:48.060	4.624497	10.93503	40.61513
3/18/21 5:04:48.060	4.624745	10.93872	40.61456
3/18/21 5:05:48.060	4.625032	10.92542	40.6139
3/18/21 5:06:48.060	4.624669	10.91653	40.61473
3/18/21 5:07:48.060	4.625581	10.94095	40.61263
3/18/21 5:08:48.060	4.624547	10.92319	40.61501
3/18/21 5:09:48.060	4.6233	10.91653	40.61789

3/18/21 5:10:48.060	4.62499	10.92171	40.61399
3/18/21 5:11:48.060	4.624377	10.94464	40.61541
3/18/21 5:12:48.060	4.6231	10.92911	40.61836
3/18/21 5:13:48.060	4.623859	10.92171	40.6166
3/18/21 5:14:48.060	4.623741	10.92097	40.61688
3/18/21 5:15:48.060	4.625111	10.93057	40.61372
3/18/21 5:16:48.060	4.626623	10.94316	40.61022
3/18/21 5:17:48.060	4.625268	10.94464	40.61335
3/18/21 5:18:48.060	4.626707	10.9402	40.61003
3/18/21 5:19:48.060	4.625721	10.93872	40.6123
3/18/21 5:20:48.060	4.625278	10.93872	40.61333
3/18/21 5:21:48.060	4.626451	10.92245	40.61062
3/18/21 5:22:48.060	4.627385	10.91727	40.60846
3/18/21 5:23:48.060	4.624892	10.92763	40.61422
3/18/21 5:24:48.060	4.627617	10.94685	40.60793
3/18/21 5:25:48.060	4.625483	10.94685	40.61285
3/18/21 5:26:48.060	4.624977	10.92171	40.61403
3/18/21 5:27:48.060	4.627682	10.93057	40.60778
3/18/21 5:28:48.060	4.624702	10.92467	40.61466
3/18/21 5:29:48.060	4.625608	10.92542	40.61256
3/18/21 5:30:48.060	4.625111	10.93724	40.61372
3/18/21 5:31:48.060	4.625416	10.94168	40.61301
3/18/21 5:32:48.060	4.626079	10.92023	40.61148
3/18/21 5:33:48.060	4.623917	10.92097	40.61647
3/18/21 5:34:48.060	4.624468	10.91357	40.6152
3/18/21 5:35:48.060	4.625043	10.9402	40.61387
3/18/21 5:36:48.060	4.627321	10.9328	40.60861
3/18/21 5:37:48.060	4.624801	10.94685	40.61443
3/18/21 5:38:48.060	4.624331	10.92097	40.61552
3/18/21 5:39:48.060	4.626478	10.92171	40.61056
3/18/21 5:40:48.060	4.625111	10.94168	40.61372
3/18/21 5:41:48.060	4.622631	10.9328	40.61944
3/18/21 5:42:48.060	4.627829	10.92542	40.60744
3/18/21 5:43:48.060	4.626272	10.90469	40.61103
3/18/21 5:44:48.060	4.625363	10.92319	40.61313
3/18/21 5:45:48.060	4.627625	10.93724	40.60791
3/18/21 5:46:48.060	4.630188	10.92393	40.60199
3/18/21 5:47:48.060	4.625982	10.94241	40.6117
3/18/21 5:48:48.060	4.627185	10.91653	40.60892
3/18/21 5:49:48.060	4.629865	10.93134	40.60274
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3/18/21 5:53:48.060	4.627653	10.92171	40.60785
3/18/21 5:54:48.060	4.627896	10.92688	40.60728
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3/18/21 6:03:48.060	4.626747	10.92393	40.60994
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3/18/21 6:14:48.060	4.630242	10.92467	40.60186
3/18/21 6:15:48.060	4.627494	10.94464	40.60821
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3/18/21 6:17:48.060	4.62775	10.93428	40.60762
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3/18/21 6:19:48.060	4.631771	10.93649	40.59834
3/18/21 6:20:48.060	4.629022	10.94389	40.60468
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3/18/21 6:22:48.060	4.627293	10.92542	40.60868
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3/18/21 6:25:48.060	4.625808	10.94095	40.61211
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3/18/21 6:31:48.060	4.630404	10.92763	40.60149
3/18/21 6:32:48.060	4.628391	10.91949	40.60614
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3/18/21 6:38:48.060	4.63044	10.93799	40.60141
3/18/21 6:39:48.060	4.630787	10.92171	40.60061
3/18/21 6:40:48.060	4.630242	10.92763	40.60186
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3/18/21 6:44:48.060	4.630844	10.92097	40.60048
3/18/21 6:45:48.060	4.63201	10.93503	40.59778
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3/18/21 6:55:48.060	4.629934	10.93872	40.60258
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3/18/21 6:58:48.060	4.631176	10.92911	40.59971
3/18/21 6:59:48.060	4.63107	10.94241	40.59995
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3/18/21 7:03:48.060	4.630844	10.93428	40.60048
3/18/21 7:04:48.060	4.632109	10.93649	40.59755
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3/18/21 7:09:48.060	4.632183	10.9328	40.59739
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3/18/21 7:17:48.060	4.631375	10.94685	40.59925
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3/18/21 7:43:48.060	4.632317	10.91801	40.59708
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3/18/21 7:46:48.060	4.63523	10.92319	40.59035
3/18/21 7:47:48.060	4.632587	10.90396	40.59645
3/18/21 7:48:48.060	4.633682	10.92542	40.59393
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3/18/21 9:17:48.060	4.640493	10.91949	40.5782
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3/18/21 9:44:48.060	4.640694	10.9402	40.57773
3/18/21 9:45:48.060	4.639916	10.93057	40.57953

3/18/21 9:46:48.060	4.639085	10.92467	40.58145
3/18/21 9:47:48.060	4.639479	10.93428	40.58054
3/18/21 9:48:48.060	4.637611	10.93503	40.58485
3/18/21 9:49:48.060	4.640855	10.93207	40.57736
3/18/21 9:50:48.060	4.640053	10.91431	40.57921
3/18/21 9:51:48.060	4.639382	10.94095	40.58076
3/18/21 9:52:48.060	4.640686	10.91209	40.57775
3/18/21 9:53:48.060	4.64008	10.94759	40.57915
3/18/21 9:54:48.060	4.640895	10.91875	40.57727
3/18/21 9:55:48.060	4.638348	10.91579	40.58315
3/18/21 9:56:48.060	4.640426	10.92984	40.57835
3/18/21 9:57:48.060	4.640188	10.94685	40.5789
3/18/21 9:58:48.060	4.639209	10.9328	40.58116
3/18/21 9:59:48.060	4.640389	10.94464	40.57844
3/18/21 10:00:48.060	4.638618	10.92023	40.58253
3/18/21 10:01:48.060	4.641087	10.93799	40.57683
3/18/21 10:02:48.060	4.639451	10.93134	40.5806
3/18/21 10:03:48.060	4.639153	10.93134	40.58129
3/18/21 10:04:48.060	4.640883	10.90617	40.5773
3/18/21 10:05:48.060	4.640251	10.93353	40.57876
3/18/21 10:06:48.060	4.642433	10.93207	40.57372
3/18/21 10:07:48.060	4.641059	10.93649	40.57689
3/18/21 10:08:48.060	4.640454	10.93945	40.57829
3/18/21 10:09:48.060	4.640464	10.91875	40.57826
3/18/21 10:10:48.060	4.640053	10.92023	40.57921
3/18/21 10:11:48.060	4.641525	10.92542	40.57581
3/18/21 10:12:48.060	4.641658	10.92615	40.57551
3/18/21 10:13:48.060	4.640372	10.93649	40.57848
3/18/21 10:14:48.060	4.639916	10.93353	40.57953
3/18/21 10:15:48.060	4.639078	10.91875	40.58147
3/18/21 10:16:48.060	4.640426	10.92763	40.57835
3/18/21 10:17:48.060	4.639256	10.91505	40.58105
3/18/21 10:18:48.060	4.639959	10.94168	40.57943
3/18/21 10:19:48.060	4.641323	10.92542	40.57628
3/18/21 10:20:48.060	4.63852	10.93503	40.58275
3/18/21 10:21:48.060	4.640686	10.92984	40.57775
3/18/21 10:22:48.060	4.641594	10.93134	40.57565
3/18/21 10:23:48.060	4.641928	10.94095	40.57488
3/18/21 10:24:48.060	4.639987	10.9498	40.57936
3/18/21 10:25:48.060	4.640017	10.94389	40.5793
3/18/21 10:26:48.060	4.640694	10.93799	40.57773
3/18/21 10:27:48.060	4.639382	10.90617	40.58076
3/18/21 10:28:48.060	4.641457	10.92615	40.57597
3/18/21 10:29:48.060	4.63941	10.94241	40.5807
3/18/21 10:30:48.060	4.641928	10.91875	40.57488
3/18/21 10:31:48.060	4.638618	10.95055	40.58253

3/18/21 10:32:48.060	4.640628	10.94464	40.57788
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3/18/21 10:34:48.060	4.642033	10.92688	40.57464
3/18/21 10:35:48.060	4.641623	10.95425	40.57559
3/18/21 10:36:48.060	4.641628	10.92838	40.57558
3/18/21 10:37:48.060	4.64036	10.92097	40.5785
3/18/21 10:38:48.060	4.642975	10.91209	40.57247
3/18/21 10:39:48.060	4.643496	10.93428	40.57126
3/18/21 10:40:48.060	4.642288	10.94833	40.57405
3/18/21 10:41:48.060	4.642532	10.94095	40.57349
3/18/21 10:42:48.060	4.641323	10.92245	40.57628
3/18/21 10:43:48.060	4.642796	10.91949	40.57288
3/18/21 10:44:48.060	4.642542	10.91727	40.57347
3/18/21 10:45:48.060	4.643238	10.92467	40.57186
3/18/21 10:46:48.060	4.642675	10.94241	40.57316
3/18/21 10:47:48.060	4.642863	10.92467	40.57272
3/18/21 10:48:48.060	4.643613	10.93353	40.57099
3/18/21 10:49:48.060	4.64274	10.91505	40.57301
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3/18/21 10:51:48.060	4.644143	10.94464	40.56977
3/18/21 10:52:48.060	4.642433	10.95572	40.57372
3/18/21 10:53:48.060	4.640589	10.9328	40.57798
3/18/21 10:54:48.060	4.642863	10.93503	40.57272
3/18/21 10:55:48.060	4.64274	10.94833	40.57301
3/18/21 10:56:48.060	4.642261	10.92984	40.57412
3/18/21 10:57:48.060	4.644807	10.92688	40.56823
3/18/21 10:58:48.060	4.64461	10.92023	40.56869
3/18/21 10:59:48.060	4.644303	10.95276	40.5694
3/18/21 11:00:48.060	4.643238	10.9402	40.57186
3/18/21 11:01:48.060	4.642768	10.92763	40.57294
3/18/21 11:02:48.060	4.645802	10.94907	40.56594
3/18/21 11:03:48.060	4.643886	10.93207	40.57036
3/18/21 11:04:48.060	4.641928	10.92245	40.57488
3/18/21 11:05:48.060	4.643844	10.93724	40.57046
3/18/21 11:06:48.060	4.646122	10.93872	40.5652
3/18/21 11:07:48.060	4.645773	10.93503	40.56601
3/18/21 11:08:48.060	4.647722	10.92763	40.5615
3/18/21 11:09:48.060	4.646615	10.92393	40.56406
3/18/21 11:10:48.060	4.645318	10.92838	40.56706
3/18/21 11:11:48.060	4.64615	10.94464	40.56514
3/18/21 11:12:48.060	4.644639	10.92467	40.56863
3/18/21 11:13:48.060	4.645452	10.92319	40.56675
3/18/21 11:14:48.060	4.645716	10.93134	40.56614
3/18/21 11:15:48.060	4.64548	10.91135	40.56668
3/18/21 11:16:48.060	4.647423	10.94168	40.56219
3/18/21 11:17:48.060	4.645624	10.92911	40.56635

3/18/21 11:18:48.060	4.645116	10.94168	40.56752
3/18/21 11:19:48.060	4.647224	10.94168	40.56265
3/18/21 11:20:48.060	4.646822	10.93503	40.56358
3/18/21 11:21:48.060	4.645423	10.95721	40.56681
3/18/21 11:22:48.060	4.647261	10.93724	40.56257
3/18/21 11:23:48.060	4.645856	10.9402	40.56581
3/18/21 11:24:48.060	4.645387	10.93872	40.56689
3/18/21 11:25:48.060	4.647118	10.95129	40.5629
3/18/21 11:26:48.060	4.646521	10.93057	40.56428
3/18/21 11:27:48.060	4.645947	10.94095	40.5656
3/18/21 11:28:48.060	4.646444	10.93576	40.56446
3/18/21 11:29:48.060	4.646615	10.94316	40.56406
3/18/21 11:30:48.060	4.64836	10.91431	40.56003
3/18/21 11:31:48.060	4.647224	10.93207	40.56265
3/18/21 11:32:48.060	4.645785	10.91579	40.56598
3/18/21 11:33:48.060	4.644918	10.92171	40.56798
3/18/21 11:34:48.060	4.645318	10.95721	40.56706
3/18/21 11:35:48.060	4.646016	10.92467	40.56544
3/18/21 11:36:48.060	4.644715	10.93724	40.56845
3/18/21 11:37:48.060	4.645773	10.95276	40.56601
3/18/21 11:38:48.060	4.646353	10.94907	40.56467
3/18/21 11:39:48.060	4.64611	10.92911	40.56523
3/18/21 11:40:48.060	4.647358	10.91209	40.56235
3/18/21 11:41:48.060	4.647061	10.94759	40.56303
3/18/21 11:42:48.060	4.646353	10.93576	40.56467
3/18/21 11:43:48.060	4.645652	10.92097	40.56628
3/18/21 11:44:48.060	4.646963	10.93576	40.56326
3/18/21 11:45:48.060	4.646926	10.93428	40.56334
3/18/21 11:46:48.060	4.647821	10.92393	40.56128
3/18/21 11:47:48.060	4.647289	10.92615	40.5625
3/18/21 11:48:48.060	4.646228	10.95425	40.56496
3/18/21 11:49:48.060	4.648093	10.94241	40.56065
3/18/21 11:50:48.060	4.638954	10.92393	40.58175

Log Notes

2021-03-18 11:51:45.743 Stopped

Location Properties

Location Name = MW-10D

Location ID = fdeec349-4567-4ad8-b468-e73bd42228bc

Report Properties

Start Time = 2021-03-17 10:30:00.060

Duration = 1.01:24:48

Readings = 1622

Time Offset = -04:00:00

Instrument Properties

Device Model = Level TROLL 700

Device SN = 698401

Device Firmware = 3.06

Log Properties

Log Name = MW - 10D Shut Down

Log Type = Logarithmic

Log File Number = 4

Log ID = 349e083a-0e28-5fcb-94a7-db9dd97da894

Interval = 00:01:00

Date Time	Pressure (psi) (698401)	Temperature (°C) (698401)	Depth To Water (ft) (698401)
3/17/21 10:30:00.060	4.188408	10.88611	41.43587
3/17/21 10:30:00.311	4.186919	10.88832	41.43931
3/17/21 10:30:00.561	4.188479	10.87952	41.43571
3/17/21 10:30:00.811	4.188408	10.89127	41.43587
3/17/21 10:30:01.061	4.187709	10.90446	41.43748
3/17/21 10:30:01.311	4.191532	10.88171	41.42866
3/17/21 10:30:01.561	4.190367	10.89052	41.43135
3/17/21 10:30:01.811	4.189573	10.892	41.43318
3/17/21 10:30:02.061	4.19007	10.88098	41.43203
3/17/21 10:30:02.311	4.18937	10.91917	41.43365
3/17/21 10:30:02.561	4.190571	10.91475	41.43088
3/17/21 10:30:02.811	4.189466	10.892	41.43343
3/17/21 10:30:03.061	4.186841	10.91109	41.43949
3/17/21 10:30:03.311	4.188301	10.90961	41.43612
3/17/21 10:30:03.561	4.188366	10.91182	41.43597
3/17/21 10:30:03.811	4.191363	10.88246	41.42905
3/17/21 10:30:04.061	4.188036	10.95001	41.43673
3/17/21 10:30:04.311	4.190693	10.89932	41.4306
3/17/21 10:30:04.561	4.1899	10.92503	41.43243
3/17/21 10:30:04.811	4.187174	10.9221	41.43872
3/17/21 10:30:05.061	4.190328	10.88905	41.43144

3/17/21 10:30:05.311	4.187475	10.91769	41.43803
3/17/21 10:30:05.561	4.190194	10.92798	41.43175
3/17/21 10:30:05.811	4.189728	10.92284	41.43283
3/17/21 10:30:06.061	4.188265	10.89861	41.4362
3/17/21 10:30:06.421	4.187873	10.91844	41.43711
3/17/21 10:30:06.781	4.189335	10.95074	41.43373
3/17/21 10:30:07.201	4.18974	10.89127	41.4328
3/17/21 10:30:07.621	4.189763	10.94341	41.43274
3/17/21 10:30:08.041	4.188671	10.93384	41.43526
3/17/21 10:30:08.521	4.187841	10.90302	41.43718
3/17/21 10:30:09.061	4.187908	10.91328	41.43703
3/17/21 10:30:09.541	4.189966	10.90669	41.43227
3/17/21 10:30:10.141	4.186281	10.94119	41.44078
3/17/21 10:30:10.741	4.187537	10.90816	41.43789
3/17/21 10:30:11.341	4.187877	10.91403	41.4371
3/17/21 10:30:12.001	4.189834	10.91255	41.43258
3/17/21 10:30:12.721	4.189966	10.91403	41.43227
3/17/21 10:30:13.501	4.190867	10.91917	41.43019
3/17/21 10:30:14.281	4.190606	10.90816	41.4308
3/17/21 10:30:15.121	4.189452	10.9008	41.43346
3/17/21 10:30:16.021	4.188346	10.91844	41.43602
3/17/21 10:30:16.981	4.188112	10.91182	41.43655
3/17/21 10:30:17.941	4.185417	10.91328	41.44278
3/17/21 10:30:19.021	4.191337	10.89641	41.42911
3/17/21 10:30:20.161	4.193129	10.90007	41.42497
3/17/21 10:30:21.361	4.200609	10.88318	41.4077
3/17/21 10:30:22.621	4.212564	10.9221	41.3801
3/17/21 10:30:23.941	4.220011	10.91328	41.3629
3/17/21 10:30:25.381	4.227284	10.90669	41.34611
3/17/21 10:30:26.881	4.225428	10.92725	41.3504
3/17/21 10:30:28.441	4.226153	10.89861	41.34872
3/17/21 10:30:30.121	4.231041	10.90521	41.33743
3/17/21 10:30:31.921	4.23629	10.90816	41.32531
3/17/21 10:30:33.781	4.233865	10.8942	41.33091
3/17/21 10:30:35.821	4.231933	10.88466	41.33537
3/17/21 10:30:37.921	4.235401	10.9478	41.32737
3/17/21 10:30:40.141	4.23596	10.90227	41.32608
3/17/21 10:30:42.541	4.230084	10.90007	41.33964
3/17/21 10:30:45.061	4.228917	10.90154	41.34234
3/17/21 10:30:47.701	4.226426	10.90741	41.34809
3/17/21 10:30:50.521	4.225125	10.88611	41.35109
3/17/21 10:30:53.521	4.22772	10.88391	41.3451
3/17/21 10:30:56.701	4.224726	10.88391	41.35202
3/17/21 10:31:00.061	4.224228	10.91475	41.35316
3/17/21 10:31:03.661	4.224163	10.91475	41.35332
3/17/21 10:31:07.260	4.225562	10.88759	41.35009

3/17/21 10:31:11.461	4.226521	10.91035	41.34787
3/17/21 10:31:15.661	4.228284	10.88611	41.3438
3/17/21 10:31:19.861	4.228351	10.89494	41.34365
3/17/21 10:31:24.661	4.227451	10.88171	41.34573
3/17/21 10:31:30.061	4.227354	10.9221	41.34595
3/17/21 10:31:34.861	4.228718	10.88246	41.3428
3/17/21 10:31:40.861	4.229214	10.892	41.34165
3/17/21 10:31:46.861	4.228621	10.89494	41.34303
3/17/21 10:31:52.861	4.227389	10.89127	41.34587
3/17/21 10:31:59.460	4.232003	10.91769	41.33521
3/17/21 10:32:06.661	4.228917	10.8707	41.34234
3/17/21 10:32:14.460	4.229779	10.91403	41.34035
3/17/21 10:32:22.260	4.230313	10.91844	41.33912
3/17/21 10:32:30.661	4.22961	10.88538	41.34074
3/17/21 10:32:39.661	4.230084	10.91035	41.33964
3/17/21 10:32:49.260	4.231677	10.90007	41.33596
3/17/21 10:32:58.861	4.229645	10.89127	41.34066
3/17/21 10:33:09.660	4.230578	10.87363	41.3385
3/17/21 10:33:21.061	4.229881	10.88611	41.34011
3/17/21 10:33:33.061	4.233901	10.89052	41.33083
3/17/21 10:33:45.660	4.23314	10.91035	41.33259
3/17/21 10:33:58.861	4.232769	10.892	41.33345
3/17/21 10:34:13.260	4.233831	10.86923	41.33099
3/17/21 10:34:28.260	4.233031	10.87952	41.33284
3/17/21 10:34:43.860	4.234729	10.86848	41.32892
3/17/21 10:35:00.660	4.23636	10.91255	41.32515
3/17/21 10:35:18.660	4.235263	10.89127	41.32769
3/17/21 10:35:37.260	4.237624	10.88246	41.32224
3/17/21 10:35:57.660	4.238419	10.90741	41.3204
3/17/21 10:36:18.660	4.237788	10.88832	41.32186
3/17/21 10:36:40.860	4.237356	10.90227	41.32285
3/17/21 10:37:04.860	4.236722	10.87289	41.32432
3/17/21 10:37:30.061	4.239084	10.91182	41.31886
3/17/21 10:37:56.460	4.238521	10.8942	41.32016
3/17/21 10:38:24.660	4.238018	10.88171	41.32133
3/17/21 10:38:54.660	4.239415	10.87657	41.3181
3/17/21 10:39:26.460	4.237817	10.86115	41.32179
3/17/21 10:40:00.060	4.240478	10.91035	41.31565
3/17/21 10:40:36.060	4.239182	10.86923	41.31864
3/17/21 10:41:12.060	4.238192	10.87584	41.32092
3/17/21 10:41:54.060	4.241511	10.89052	41.31326
3/17/21 10:42:36.060	4.240947	10.90007	41.31456
3/17/21 10:43:18.060	4.243438	10.88171	41.30881
3/17/21 10:44:06.060	4.240213	10.86409	41.31626
3/17/21 10:45:00.060	4.24221	10.88171	41.31165
3/17/21 10:45:48.060	4.244664	10.88318	41.30598

3/17/21 10:46:48.060	4.244198	10.90521	41.30706
3/17/21 10:47:48.060	4.247221	10.89494	41.30008
3/17/21 10:48:48.060	4.244568	10.86703	41.3062
3/17/21 10:49:48.060	4.243805	10.86775	41.30796
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3/17/21 10:51:48.060	4.244198	10.87509	41.30706
3/17/21 10:52:48.060	4.243171	10.88466	41.30943
3/17/21 10:53:48.060	4.242739	10.892	41.31042
3/17/21 10:54:48.060	4.2446	10.87437	41.30613
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3/17/21 10:56:48.060	4.245497	10.87289	41.30406
3/17/21 10:57:48.060	4.244232	10.88905	41.30698
3/17/21 10:58:48.060	4.245196	10.88466	41.30475
3/17/21 10:59:48.060	4.243969	10.90594	41.30758
3/17/21 11:00:48.060	4.244196	10.87657	41.30706
3/17/21 11:01:48.060	4.246026	10.8707	41.30283
3/17/21 11:02:48.060	4.245265	10.88905	41.30459
3/17/21 11:03:48.060	4.249179	10.8898	41.29556
3/17/21 11:04:48.060	4.248953	10.89494	41.29608
3/17/21 11:05:48.060	4.247093	10.88318	41.30037
3/17/21 11:06:48.060	4.248055	10.89713	41.29815
3/17/21 11:07:48.060	4.250319	10.89494	41.29292
3/17/21 11:08:48.060	4.247624	10.88759	41.29914
3/17/21 11:09:48.060	4.24895	10.86703	41.29608
3/17/21 11:10:48.060	4.248386	10.89494	41.29739
3/17/21 11:11:48.060	4.250779	10.89494	41.29186
3/17/21 11:12:48.060	4.250186	10.88905	41.29323
3/17/21 11:13:48.060	4.253006	10.89052	41.28672
3/17/21 11:14:48.060	4.253036	10.87732	41.28665
3/17/21 11:15:48.060	4.251146	10.87509	41.29101
3/17/21 11:16:48.060	4.254868	10.89641	41.28242
3/17/21 11:17:48.060	4.253934	10.88391	41.28458
3/17/21 11:18:48.060	4.253371	10.90154	41.28588
3/17/21 11:19:48.060	4.255399	10.88318	41.28119
3/17/21 11:20:48.060	4.254868	10.87437	41.28242
3/17/21 11:21:48.060	4.253573	10.9008	41.28541
3/17/21 11:22:48.060	4.254068	10.9008	41.28426
3/17/21 11:23:48.060	4.255032	10.89494	41.28204
3/17/21 11:24:48.060	4.256495	10.88832	41.27866
3/17/21 11:25:48.060	4.252841	10.89273	41.2871
3/17/21 11:26:48.060	4.25609	10.89566	41.2796
3/17/21 11:27:48.060	4.254036	10.91035	41.28434
3/17/21 11:28:48.060	4.257196	10.88246	41.27704
3/17/21 11:29:48.060	4.256392	10.86703	41.2789
3/17/21 11:30:48.060	4.25689	10.89713	41.27775
3/17/21 11:31:48.060	4.256293	10.87289	41.27913

3/17/21 11:32:48.060	4.259317	10.88686	41.27214
3/17/21 11:33:48.060	4.261248	10.86409	41.26769
3/17/21 11:34:48.060	4.260744	10.85968	41.26885
3/17/21 11:35:48.060	4.261214	10.88023	41.26777
3/17/21 11:36:48.060	4.260914	10.86848	41.26846
3/17/21 11:37:48.060	4.259026	10.86629	41.27282
3/17/21 11:38:48.060	4.26008	10.87509	41.27038
3/17/21 11:39:48.060	4.260448	10.86334	41.26954
3/17/21 11:40:48.060	4.260612	10.89346	41.26915
3/17/21 11:41:48.060	4.260251	10.88023	41.26999
3/17/21 11:42:48.060	4.259816	10.89494	41.27099
3/17/21 11:43:48.060	4.26125	10.87289	41.26768
3/17/21 11:44:48.060	4.260612	10.88905	41.26916
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3/17/21 11:46:48.060	4.263772	10.86923	41.26186
3/17/21 11:47:48.060	4.260543	10.87804	41.26931
3/17/21 11:48:48.060	4.260078	10.88538	41.27039
3/17/21 11:49:48.060	4.261478	10.88905	41.26716
3/17/21 11:50:48.060	4.258788	10.89566	41.27337
3/17/21 11:51:48.060	4.261414	10.88466	41.2673
3/17/21 11:52:48.060	4.259051	10.87657	41.27276
3/17/21 11:53:48.060	4.259418	10.86775	41.27192
3/17/21 11:54:48.060	4.259582	10.9008	41.27153
3/17/21 11:55:48.060	4.259584	10.89861	41.27153
3/17/21 11:56:48.060	4.259155	10.88246	41.27252
3/17/21 11:57:48.060	4.261646	10.89127	41.26677
3/17/21 11:58:48.060	4.263935	10.86409	41.26148
3/17/21 11:59:48.060	4.262806	10.89052	41.26409
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3/17/21 12:03:48.060	4.262908	10.88905	41.26385
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3/17/21 12:05:48.060	4.266262	10.88759	41.25611
3/17/21 12:06:48.060	4.266163	10.87657	41.25634
3/17/21 12:07:48.060	4.265005	10.87732	41.25901
3/17/21 12:08:48.060	4.266163	10.86996	41.25634
3/17/21 12:09:48.060	4.267892	10.87289	41.25235
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3/17/21 12:11:48.060	4.265564	10.87732	41.25772
3/17/21 12:12:48.060	4.265167	10.8707	41.25864
3/17/21 12:13:48.060	4.268422	10.90521	41.25112
3/17/21 12:14:48.060	4.269523	10.88759	41.24858
3/17/21 12:15:48.060	4.269321	10.87218	41.24905
3/17/21 12:16:48.060	4.269817	10.87732	41.2479
3/17/21 12:17:48.060	4.269848	10.86775	41.24783

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3/17/21 12:21:48.060	4.269783	10.89273	41.24798
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3/17/21 12:24:48.060	4.268286	10.87804	41.25144
3/17/21 12:25:48.060	4.268822	10.85822	41.2502
3/17/21 12:26:48.060	4.269355	10.88246	41.24897
3/17/21 12:27:48.060	4.26766	10.88246	41.25288
3/17/21 12:28:48.060	4.271647	10.86775	41.24368
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3/17/21 12:30:48.060	4.27238	10.9155	41.24199
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3/17/21 12:32:48.060	4.272415	10.89932	41.24191
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3/17/21 12:34:48.060	4.270581	10.87657	41.24614
3/17/21 12:35:48.060	4.271379	10.87363	41.24429
3/17/21 12:36:48.060	4.27012	10.90961	41.2472
3/17/21 12:37:48.060	4.272046	10.8898	41.24276
3/17/21 12:38:48.060	4.27028	10.87952	41.24683
3/17/21 12:39:48.060	4.26939	10.90521	41.24889
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3/17/21 12:42:48.060	4.267627	10.88466	41.25296
3/17/21 12:43:48.060	4.271477	10.88318	41.24407
3/17/21 12:44:48.060	4.269749	10.88466	41.24806
3/17/21 12:45:48.060	4.27427	10.89494	41.23762
3/17/21 12:46:48.060	4.274571	10.87877	41.23693
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3/17/21 12:49:48.060	4.272148	10.86409	41.24252
3/17/21 12:50:48.060	4.270849	10.89127	41.24552
3/17/21 12:51:48.060	4.273674	10.90154	41.23899
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3/17/21 12:53:48.060	4.275866	10.88905	41.23394
3/17/21 12:54:48.060	4.271975	10.89566	41.24292
3/17/21 12:55:48.060	4.275928	10.87584	41.23379
3/17/21 12:56:48.060	4.276466	10.8898	41.23255
3/17/21 12:57:48.060	4.278254	10.86848	41.22842
3/17/21 12:58:48.060	4.277197	10.90007	41.23086
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3/17/21 13:01:48.060	4.274806	10.87363	41.23638
3/17/21 13:02:48.060	4.275998	10.88171	41.23363
3/17/21 13:03:48.060	4.27723	10.86555	41.23079

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3/17/21 13:07:48.060	4.279353	10.87877	41.22588
3/17/21 13:08:48.060	4.279421	10.86041	41.22573
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3/17/21 13:11:48.060	4.278591	10.86115	41.22764
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3/17/21 13:15:48.060	4.276529	10.89787	41.2324
3/17/21 13:16:48.060	4.276099	10.89932	41.2334
3/17/21 13:17:48.060	4.277024	10.88318	41.23126
3/17/21 13:18:48.060	4.278625	10.89566	41.22757
3/17/21 13:19:48.060	4.281546	10.89346	41.22082
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3/17/21 13:22:48.060	4.281643	10.88611	41.2206
3/17/21 13:23:48.060	4.282076	10.87584	41.2196
3/17/21 13:24:48.060	4.282011	10.90446	41.21975
3/17/21 13:25:48.060	4.284671	10.88098	41.2136
3/17/21 13:26:48.060	4.282673	10.90741	41.21822
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3/17/21 13:29:48.060	4.28324	10.8942	41.21691
3/17/21 13:30:48.060	4.284137	10.87657	41.21484
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3/17/21 13:32:48.060	4.285969	10.8898	41.21061
3/17/21 13:33:48.060	4.282246	10.85747	41.2192
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3/17/21 13:37:48.060	4.284205	10.88098	41.21468
3/17/21 13:38:48.060	4.286767	10.89641	41.20876
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3/17/21 13:41:48.060	4.285138	10.88246	41.21252
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3/17/21 13:43:48.060	4.283071	10.90227	41.2173
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3/17/21 13:45:48.060	4.290851	10.88759	41.19933
3/17/21 13:46:48.060	4.288489	10.88686	41.20479
3/17/21 13:47:48.060	4.286895	10.892	41.20847
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3/17/21 13:49:48.060	4.285871	10.88905	41.21083

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3/17/21 14:05:48.060	4.29264	10.85307	41.19521
3/17/21 14:06:48.060	4.29218	10.88318	41.19627
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3/17/21 14:12:48.060	4.293146	10.87804	41.19404
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3/17/21 14:15:48.060	4.292911	10.91255	41.19458
3/17/21 14:16:48.060	4.296395	10.91328	41.18653
3/17/21 14:17:48.060	4.298789	10.89273	41.18101
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3/17/21 14:20:48.060	4.293279	10.89932	41.19373
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3/17/21 14:22:48.060	4.294567	10.8898	41.19076
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3/17/21 14:24:48.060	4.295229	10.87877	41.18922
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3/17/21 14:31:48.060	4.297097	10.88905	41.18491
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3/17/21 14:42:48.060	4.29138	10.88611	41.19811
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3/17/21 14:45:48.060	4.298124	10.89861	41.18254
3/17/21 14:46:48.060	4.297827	10.89346	41.18323
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3/17/21 14:48:48.060	4.301681	10.87218	41.17433
3/17/21 14:49:48.060	4.299555	10.88832	41.17924
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3/17/21 14:58:48.060	4.298389	10.87363	41.18193
3/17/21 14:59:48.060	4.300949	10.88098	41.17602
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3/17/21 15:03:48.060	4.298591	10.87218	41.18147
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3/17/21 15:06:48.060	4.300617	10.90669	41.17679
3/17/21 15:07:48.060	4.299785	10.86703	41.17871
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3/17/21 15:14:48.060	4.303543	10.88171	41.17003
3/17/21 15:15:48.060	4.299189	10.87952	41.18008
3/17/21 15:16:48.060	4.303445	10.892	41.17026
3/17/21 15:17:48.060	4.300919	10.89566	41.17609
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3/17/21 15:19:48.060	4.304076	10.892	41.1688
3/17/21 15:20:48.060	4.301314	10.89052	41.17517
3/17/21 15:21:48.060	4.301115	10.89787	41.17564

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3/17/21 15:23:48.060	4.301912	10.87437	41.1738
3/17/21 15:24:48.060	4.301718	10.86848	41.17424
3/17/21 15:25:48.060	4.30301	10.88538	41.17126
3/17/21 15:26:48.060	4.301115	10.89932	41.17564
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3/17/21 15:29:48.060	4.305007	10.88171	41.16665
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3/17/21 15:31:48.060	4.306197	10.88832	41.1639
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3/17/21 15:35:48.060	4.303808	10.88023	41.16942
3/17/21 15:36:48.060	4.307497	10.89641	41.1609
3/17/21 15:37:48.060	4.303909	10.892	41.16919
3/17/21 15:38:48.060	4.303076	10.89713	41.17111
3/17/21 15:39:48.060	4.307165	10.86115	41.16167
3/17/21 15:40:48.060	4.303577	10.90889	41.16995
3/17/21 15:41:48.060	4.303543	10.88905	41.17003
3/17/21 15:42:48.060	4.306767	10.90816	41.16259
3/17/21 15:43:48.060	4.307429	10.86996	41.16106
3/17/21 15:44:48.060	4.30547	10.90889	41.16558
3/17/21 15:45:48.060	4.305039	10.86703	41.16658
3/17/21 15:46:48.060	4.304438	10.88023	41.16796
3/17/21 15:47:48.060	4.30188	10.87657	41.17387
3/17/21 15:48:48.060	4.303574	10.88905	41.16996
3/17/21 15:49:48.060	4.304279	10.892	41.16833
3/17/21 15:50:48.060	4.303802	10.90154	41.16943
3/17/21 15:51:48.060	4.302046	10.87657	41.17348
3/17/21 15:52:48.060	4.303641	10.90302	41.1698
3/17/21 15:53:48.060	4.302874	10.90669	41.17157
3/17/21 15:54:48.060	4.305433	10.88832	41.16566
3/17/21 15:55:48.060	4.304906	10.892	41.16688
3/17/21 15:56:48.060	4.305735	10.88905	41.16497
3/17/21 15:57:48.060	4.304972	10.90375	41.16673
3/17/21 15:58:48.060	4.306864	10.90375	41.16236
3/17/21 15:59:48.060	4.305399	10.8707	41.16574
3/17/21 16:00:48.060	4.305399	10.91403	41.16574
3/17/21 16:01:48.060	4.303906	10.91623	41.16919
3/17/21 16:02:48.060	4.303208	10.89566	41.1708
3/17/21 16:03:48.060	4.305236	10.88171	41.16612
3/17/21 16:04:48.060	4.30517	10.87363	41.16628
3/17/21 16:05:48.060	4.304603	10.90007	41.16758
3/17/21 16:06:48.060	4.305039	10.86482	41.16658
3/17/21 16:07:48.060	4.307626	10.87877	41.1606

3/17/21 16:08:48.060	4.303208	10.86555	41.1708
3/17/21 16:09:48.060	4.306432	10.87732	41.16336
3/17/21 16:10:48.060	4.30394	10.8942	41.16911
3/17/21 16:11:48.060	4.305901	10.88686	41.16459
3/17/21 16:12:48.060	4.302111	10.88098	41.17334
3/17/21 16:13:48.060	4.3068	10.86923	41.16251
3/17/21 16:14:48.060	4.308993	10.86775	41.15744
3/17/21 16:15:48.060	4.307331	10.87437	41.16128
3/17/21 16:16:48.060	4.305039	10.87657	41.16658
3/17/21 16:17:48.060	4.308491	10.89641	41.1586
3/17/21 16:18:48.060	4.308696	10.89052	41.15813
3/17/21 16:19:48.060	4.307165	10.86334	41.16167
3/17/21 16:20:48.060	4.308524	10.86189	41.15853
3/17/21 16:21:48.060	4.307095	10.89787	41.16183
3/17/21 16:22:48.060	4.307989	10.87952	41.15976
3/17/21 16:23:48.060	4.306033	10.89494	41.16428
3/17/21 16:24:48.060	4.303909	10.88832	41.16919
3/17/21 16:25:48.060	4.304873	10.90594	41.16696
3/17/21 16:26:48.060	4.303476	10.87877	41.17019
3/17/21 16:27:48.060	4.307199	10.89127	41.16159
3/17/21 16:28:48.060	4.308891	10.88098	41.15768
3/17/21 16:29:48.060	4.308525	10.88686	41.15853
3/17/21 16:30:48.060	4.305999	10.8942	41.16436
3/17/21 16:31:48.060	4.308293	10.89641	41.15906
3/17/21 16:32:48.060	4.307594	10.88538	41.16068
3/17/21 16:33:48.060	4.3063	10.88759	41.16367
3/17/21 16:34:48.060	4.306994	10.88391	41.16206
3/17/21 16:35:48.060	4.30949	10.88023	41.1563
3/17/21 16:36:48.060	4.307364	10.87289	41.16121
3/17/21 16:37:48.060	4.308725	10.88246	41.15807
3/17/21 16:38:48.060	4.306199	10.87952	41.1639
3/17/21 16:39:48.060	4.307931	10.88905	41.1599
3/17/21 16:40:48.060	4.307628	10.89641	41.1606
3/17/21 16:41:48.060	4.307063	10.89713	41.1619
3/17/21 16:42:48.060	4.306635	10.892	41.16289
3/17/21 16:43:48.060	4.305504	10.88832	41.1655
3/17/21 16:44:48.060	4.306101	10.89641	41.16412
3/17/21 16:45:48.060	4.311119	10.88611	41.15254
3/17/21 16:46:48.060	4.309458	10.87289	41.15637
3/17/21 16:47:48.060	4.308691	10.892	41.15814
3/17/21 16:48:48.060	4.309987	10.88759	41.15515
3/17/21 16:49:48.060	4.309591	10.90741	41.15607
3/17/21 16:50:48.060	4.309756	10.88098	41.15569
3/17/21 16:51:48.060	4.308721	10.89787	41.15807
3/17/21 16:52:48.060	4.308525	10.90741	41.15853
3/17/21 16:53:48.060	4.309292	10.88171	41.15675

3/17/21 16:54:48.060	4.309225	10.90521	41.15691
3/17/21 16:55:48.060	4.311052	10.89127	41.15269
3/17/21 16:56:48.060	4.308525	10.87363	41.15853
3/17/21 16:57:48.060	4.308824	10.88391	41.15784
3/17/21 16:58:48.060	4.308788	10.89861	41.15792
3/17/21 16:59:48.060	4.308629	10.87509	41.15829
3/17/21 17:00:48.060	4.311086	10.88686	41.15261
3/17/21 17:01:48.060	4.307931	10.88318	41.1599
3/17/21 17:02:48.060	4.310782	10.90594	41.15331
3/17/21 17:03:48.060	4.308292	10.88686	41.15907
3/17/21 17:04:48.060	4.308591	10.87437	41.15837
3/17/21 17:05:48.060	4.307928	10.86041	41.1599
3/17/21 17:06:48.060	4.312513	10.90007	41.14932
3/17/21 17:07:48.060	4.310487	10.87732	41.154
3/17/21 17:08:48.060	4.312246	10.90302	41.14993
3/17/21 17:09:48.060	4.312681	10.90154	41.14893
3/17/21 17:10:48.060	4.31145	10.86482	41.15177
3/17/21 17:11:48.060	4.313811	10.91328	41.14632
3/17/21 17:12:48.060	4.313108	10.88466	41.14794
3/17/21 17:13:48.060	4.312981	10.90375	41.14824
3/17/21 17:14:48.060	4.314603	10.86189	41.14449
3/17/21 17:15:48.060	4.315472	10.88538	41.14249
3/17/21 17:16:48.060	4.314109	10.8707	41.14563
3/17/21 17:17:48.060	4.315602	10.88318	41.14219
3/17/21 17:18:48.060	4.314473	10.88466	41.14479
3/17/21 17:19:48.060	4.315304	10.87437	41.14287
3/17/21 17:20:48.060	4.317931	10.88832	41.13681
3/17/21 17:21:48.060	4.314505	10.89787	41.14472
3/17/21 17:22:48.060	4.31557	10.90302	41.14226
3/17/21 17:23:48.060	4.316135	10.892	41.14095
3/17/21 17:24:48.060	4.315274	10.87363	41.14294
3/17/21 17:25:48.060	4.313574	10.89494	41.14687
3/17/21 17:26:48.060	4.314042	10.88246	41.14579
3/17/21 17:27:48.060	4.314941	10.91769	41.14371
3/17/21 17:28:48.060	4.317696	10.90741	41.13735
3/17/21 17:29:48.060	4.318094	10.88318	41.13643
3/17/21 17:30:48.060	4.318127	10.88466	41.13636
3/17/21 17:31:48.060	4.317098	10.88246	41.13873
3/17/21 17:32:48.060	4.314804	10.89494	41.14403
3/17/21 17:33:48.060	4.315472	10.90227	41.14249
3/17/21 17:34:48.060	4.316033	10.86996	41.14119
3/17/21 17:35:48.060	4.317729	10.88098	41.13727
3/17/21 17:36:48.060	4.314142	10.89273	41.14556
3/17/21 17:37:48.060	4.316567	10.87218	41.13996
3/17/21 17:38:48.060	4.315138	10.88759	41.14326
3/17/21 17:39:48.060	4.316697	10.91844	41.13966

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3/17/21 17:41:48.060	4.316369	10.8898	41.14042
3/17/21 17:42:48.060	4.319157	10.8898	41.13398
3/17/21 17:43:48.060	4.315437	10.87804	41.14257
3/17/21 17:44:48.060	4.317065	10.87584	41.13881
3/17/21 17:45:48.060	4.314869	10.87584	41.14388
3/17/21 17:46:48.060	4.315372	10.90375	41.14272
3/17/21 17:47:48.060	4.318127	10.8707	41.13636
3/17/21 17:48:48.060	4.3162	10.86703	41.1408
3/17/21 17:49:48.060	4.31813	10.8707	41.13635
3/17/21 17:50:48.060	4.314703	10.88391	41.14426
3/17/21 17:51:48.060	4.31673	10.88759	41.13958
3/17/21 17:52:48.060	4.317696	10.87804	41.13735
3/17/21 17:53:48.060	4.318725	10.8898	41.13498
3/17/21 17:54:48.060	4.318925	10.85675	41.13451
3/17/21 17:55:48.060	4.320586	10.87804	41.13068
3/17/21 17:56:48.060	4.318824	10.90375	41.13475
3/17/21 17:57:48.060	4.319822	10.88611	41.13244
3/17/21 17:58:48.060	4.320451	10.89566	41.13099
3/17/21 17:59:48.060	4.317798	10.88466	41.13712
3/17/21 18:00:48.060	4.318563	10.86334	41.13535
3/17/21 18:01:48.060	4.319822	10.88905	41.13244
3/17/21 18:02:48.060	4.318463	10.8707	41.13558
3/17/21 18:03:48.060	4.320653	10.88318	41.13052
3/17/21 18:04:48.060	4.318127	10.90594	41.13636
3/17/21 18:05:48.060	4.319124	10.8942	41.13405
3/17/21 18:06:48.060	4.317929	10.90594	41.13681
3/17/21 18:07:48.060	4.319093	10.90521	41.13412
3/17/21 18:08:48.060	4.317064	10.90375	41.13881
3/17/21 18:09:48.060	4.318231	10.90521	41.13612
3/17/21 18:10:48.060	4.317963	10.89052	41.13673
3/17/21 18:11:48.060	4.317926	10.89273	41.13682
3/17/21 18:12:48.060	4.320986	10.88686	41.12975
3/17/21 18:13:48.060	4.31962	10.89787	41.13291
3/17/21 18:14:48.060	4.320386	10.89273	41.13114
3/17/21 18:15:48.060	4.32218	10.89641	41.127
3/17/21 18:16:48.060	4.322383	10.9008	41.12653
3/17/21 18:17:48.060	4.321352	10.87437	41.12891
3/17/21 18:18:48.060	4.320787	10.89932	41.13021
3/17/21 18:19:48.060	4.31962	10.90446	41.13291
3/17/21 18:20:48.060	4.32305	10.88538	41.12499
3/17/21 18:21:48.060	4.320059	10.892	41.1319
3/17/21 18:22:48.060	4.321383	10.89641	41.12884
3/17/21 18:23:48.060	4.323309	10.87363	41.12439
3/17/21 18:24:48.060	4.321484	10.86923	41.1286
3/17/21 18:25:48.060	4.323343	10.86775	41.12431

3/17/21 18:26:48.060	4.322479	10.87363	41.12631
3/17/21 18:27:48.060	4.322978	10.88318	41.12515
3/17/21 18:28:48.060	4.320222	10.88023	41.13152
3/17/21 18:29:48.060	4.320586	10.88023	41.13068
3/17/21 18:30:48.060	4.321685	10.88832	41.12814
3/17/21 18:31:48.060	4.323082	10.87437	41.12491
3/17/21 18:32:48.060	4.32305	10.89861	41.12499
3/17/21 18:33:48.060	4.320518	10.89787	41.13083
3/17/21 18:34:48.060	4.320159	10.87143	41.13166
3/17/21 18:35:48.060	4.323545	10.89566	41.12384
3/17/21 18:36:48.060	4.323512	10.88466	41.12392
3/17/21 18:37:48.060	4.323612	10.89273	41.12369
3/17/21 18:38:48.060	4.321915	10.86848	41.12761
3/17/21 18:39:48.060	4.321915	10.88023	41.12761
3/17/21 18:40:48.060	4.319889	10.89052	41.13229
3/17/21 18:41:48.060	4.319295	10.90302	41.13366
3/17/21 18:42:48.060	4.322351	10.86775	41.1266
3/17/21 18:43:48.060	4.321081	10.91255	41.12954
3/17/21 18:44:48.060	4.321753	10.90594	41.12798
3/17/21 18:45:48.060	4.32115	10.8942	41.12938
3/17/21 18:46:48.060	4.320319	10.88759	41.13129
3/17/21 18:47:48.060	4.321386	10.89787	41.12883
3/17/21 18:48:48.060	4.32069	10.90302	41.13044
3/17/21 18:49:48.060	4.320484	10.87584	41.13091
3/17/21 18:50:48.060	4.318027	10.89932	41.13659
3/17/21 18:51:48.060	4.322084	10.89127	41.12722
3/17/21 18:52:48.060	4.320754	10.91182	41.13029
3/17/21 18:53:48.060	4.317664	10.90007	41.13742
3/17/21 18:54:48.060	4.320025	10.91844	41.13197
3/17/21 18:55:48.060	4.319889	10.88686	41.13229
3/17/21 18:56:48.060	4.321015	10.86555	41.12969
3/17/21 18:57:48.060	4.318094	10.89052	41.13643
3/17/21 18:58:48.060	4.318792	10.86261	41.13482
3/17/21 18:59:48.060	4.320352	10.87657	41.13122
3/17/21 19:00:48.060	4.321116	10.89932	41.12945
3/17/21 19:01:48.060	4.32278	10.88023	41.12561
3/17/21 19:02:48.060	4.319724	10.88905	41.13267
3/17/21 19:03:48.060	4.321753	10.88391	41.12798
3/17/21 19:04:48.060	4.320386	10.88686	41.13114
3/17/21 19:05:48.060	4.319228	10.89052	41.13381
3/17/21 19:06:48.060	4.319922	10.8898	41.13221
3/17/21 19:07:48.060	4.322813	10.90446	41.12553
3/17/21 19:08:48.060	4.319394	10.90594	41.13343
3/17/21 19:09:48.060	4.320124	10.89566	41.13174
3/17/21 19:10:48.060	4.32225	10.88023	41.12683
3/17/21 19:11:48.060	4.322712	10.87437	41.12577

3/17/21 19:12:48.060	4.321619	10.89566	41.12829
3/17/21 19:13:48.060	4.322413	10.87363	41.12646
3/17/21 19:14:48.060	4.324441	10.89346	41.12178
3/17/21 19:15:48.060	4.32268	10.87657	41.12584
3/17/21 19:16:48.060	4.323612	10.87218	41.12369
3/17/21 19:17:48.060	4.321385	10.88318	41.12883
3/17/21 19:18:48.060	4.323377	10.89052	41.12423
3/17/21 19:19:48.060	4.322047	10.87952	41.1273
3/17/21 19:20:48.060	4.323545	10.91035	41.12384
3/17/21 19:21:48.060	4.32321	10.91109	41.12462
3/17/21 19:22:48.060	4.324939	10.88538	41.12063
3/17/21 19:23:48.060	4.325998	10.87437	41.11818
3/17/21 19:24:48.060	4.324642	10.88098	41.12132
3/17/21 19:25:48.060	4.323479	10.88171	41.124
3/17/21 19:26:48.060	4.325902	10.89127	41.1184
3/17/21 19:27:48.060	4.323678	10.90741	41.12354
3/17/21 19:28:48.060	4.322913	10.91328	41.12531
3/17/21 19:29:48.060	4.325308	10.91328	41.11977
3/17/21 19:30:48.060	4.322216	10.87143	41.12691
3/17/21 19:31:48.060	4.323377	10.892	41.12423
3/17/21 19:32:48.060	4.323149	10.91769	41.12476
3/17/21 19:33:48.060	4.323411	10.87584	41.12416
3/17/21 19:34:48.060	4.325705	10.88611	41.11886
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3/17/21 19:37:48.060	4.326603	10.9008	41.11679
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3/17/21 19:40:48.060	4.326031	10.88759	41.11811
3/17/21 19:41:48.060	4.324875	10.88466	41.12077
3/17/21 19:42:48.060	4.325405	10.88318	41.11955
3/17/21 19:43:48.060	4.326734	10.88318	41.11648
3/17/21 19:44:48.060	4.32647	10.87657	41.11709
3/17/21 19:45:48.060	4.328132	10.87877	41.11325
3/17/21 19:46:48.060	4.327365	10.85968	41.11502
3/17/21 19:47:48.060	4.32637	10.88171	41.11732
3/17/21 19:48:48.060	4.327562	10.88391	41.11457
3/17/21 19:49:48.060	4.325936	10.86629	41.11832
3/17/21 19:50:48.060	4.323411	10.87877	41.12416
3/17/21 19:51:48.060	4.32504	10.88246	41.1204
3/17/21 19:52:48.060	4.324738	10.88832	41.12109
3/17/21 19:53:48.060	4.328461	10.86189	41.1125
3/17/21 19:54:48.060	4.327303	10.86775	41.11517
3/17/21 19:55:48.060	4.326934	10.90227	41.11602
3/17/21 19:56:48.060	4.329227	10.87143	41.11073
3/17/21 19:57:48.060	4.327365	10.89932	41.11502

3/17/21 19:58:48.060	4.327998	10.90007	41.11356
3/17/21 19:59:48.060	4.331086	10.91696	41.10643
3/17/21 20:00:48.060	4.327931	10.89494	41.11372
3/17/21 20:01:48.060	4.326203	10.89494	41.11771
3/17/21 20:02:48.060	4.328065	10.89494	41.11341
3/17/21 20:03:48.060	4.3268	10.89566	41.11633
3/17/21 20:04:48.060	4.329025	10.88611	41.11119
3/17/21 20:05:48.060	4.327727	10.90227	41.11419
3/17/21 20:06:48.060	4.326032	10.91109	41.1181
3/17/21 20:07:48.060	4.327001	10.89346	41.11587
3/17/21 20:08:48.060	4.329691	10.88611	41.10965
3/17/21 20:09:48.060	4.328926	10.88391	41.11142
3/17/21 20:10:48.060	4.3267	10.88171	41.11656
3/17/21 20:11:48.060	4.324109	10.90227	41.12254
3/17/21 20:12:48.060	4.327167	10.91475	41.11548
3/17/21 20:13:48.060	4.325006	10.87218	41.12047
3/17/21 20:14:48.060	4.327235	10.86115	41.11533
3/17/21 20:15:48.060	4.326437	10.86115	41.11717
3/17/21 20:16:48.060	4.325807	10.88466	41.11862
3/17/21 20:17:48.060	4.327496	10.90521	41.11472
3/17/21 20:18:48.060	4.327964	10.86848	41.11364
3/17/21 20:19:48.060	4.324939	10.88466	41.12063
3/17/21 20:20:48.060	4.326569	10.86041	41.11686
3/17/21 20:21:48.060	4.330093	10.89713	41.10873
3/17/21 20:22:48.060	4.330024	10.88171	41.10889
3/17/21 20:23:48.060	4.328562	10.90227	41.11226
3/17/21 20:24:48.060	4.329457	10.88686	41.1102
3/17/21 20:25:48.060	4.327496	10.88905	41.11472
3/17/21 20:26:48.060	4.329859	10.87289	41.10927
3/17/21 20:27:48.060	4.328432	10.89713	41.11256
3/17/21 20:28:48.060	4.329825	10.89787	41.10934
3/17/21 20:29:48.060	4.327102	10.87804	41.11563
3/17/21 20:30:48.060	4.329858	10.86775	41.10927
3/17/21 20:31:48.060	4.331551	10.89932	41.10536
3/17/21 20:32:48.060	4.329823	10.90521	41.10935
3/17/21 20:33:48.060	4.329992	10.89932	41.10896
3/17/21 20:34:48.060	4.330919	10.89346	41.10682
3/17/21 20:35:48.060	4.329792	10.87143	41.10942
3/17/21 20:36:48.060	4.327334	10.90741	41.1151
3/17/21 20:37:48.060	4.330357	10.90669	41.10812
3/17/21 20:38:48.060	4.332483	10.91403	41.10321
3/17/21 20:39:48.060	4.333647	10.88171	41.10052
3/17/21 20:40:48.060	4.329457	10.91182	41.1102
3/17/21 20:41:48.060	4.331188	10.91109	41.1062
3/17/21 20:42:48.060	4.332185	10.8942	41.1039
3/17/21 20:43:48.060	4.332584	10.89641	41.10297

3/17/21 20:44:48.060	4.33391	10.86555	41.09991
3/17/21 20:45:48.060	4.331882	10.87657	41.1046
3/17/21 20:46:48.060	4.331323	10.90521	41.10589
3/17/21 20:47:48.060	4.330357	10.89346	41.10812
3/17/21 20:48:48.060	4.331323	10.86189	41.10589
3/17/21 20:49:48.060	4.329326	10.8942	41.1105
3/17/21 20:50:48.060	4.331688	10.90446	41.10504
3/17/21 20:51:48.060	4.333048	10.89787	41.10191
3/17/21 20:52:48.060	4.335871	10.89641	41.09539
3/17/21 20:53:48.060	4.331051	10.88759	41.10651
3/17/21 20:54:48.060	4.33494	10.90007	41.09753
3/17/21 20:55:48.060	4.331721	10.87804	41.10497
3/17/21 20:56:48.060	4.334144	10.88538	41.09937
3/17/21 20:57:48.060	4.334044	10.88538	41.0996
3/17/21 20:58:48.060	4.332616	10.88832	41.1029
3/17/21 20:59:48.060	4.334611	10.90816	41.09829
3/17/21 21:00:48.060	4.33069	10.90521	41.10735
3/17/21 21:01:48.060	4.330323	10.87657	41.1082
3/17/21 21:02:48.060	4.330126	10.90816	41.10865
3/17/21 21:03:48.060	4.332551	10.89052	41.10305
3/17/21 21:04:48.060	4.331519	10.86555	41.10543
3/17/21 21:05:48.060	4.332584	10.89861	41.10297
3/17/21 21:06:48.060	4.332056	10.86923	41.10419
3/17/21 21:07:48.060	4.33235	10.89127	41.10352
3/17/21 21:08:48.060	4.332516	10.87877	41.10313
3/17/21 21:09:48.060	4.334841	10.91696	41.09776
3/17/21 21:10:48.060	4.331452	10.88832	41.10559
3/17/21 21:11:48.060	4.333581	10.88832	41.10067
3/17/21 21:12:48.060	4.334111	10.87363	41.09945
3/17/21 21:13:48.060	4.33574	10.89932	41.09569
3/17/21 21:14:48.060	4.333243	10.86923	41.10145
3/17/21 21:15:48.060	4.333045	10.87657	41.10191
3/17/21 21:16:48.060	4.335042	10.91109	41.0973
3/17/21 21:17:48.060	4.332982	10.87657	41.10206
3/17/21 21:18:48.060	4.336539	10.87732	41.09384
3/17/21 21:19:48.060	4.333348	10.88686	41.10121
3/17/21 21:20:48.060	4.335042	10.87732	41.0973
3/17/21 21:21:48.060	4.335042	10.88391	41.0973
3/17/21 21:22:48.060	4.332883	10.87289	41.10228
3/17/21 21:23:48.060	4.33228	10.89273	41.10368
3/17/21 21:24:48.060	4.335309	10.89494	41.09668
3/17/21 21:25:48.060	4.335538	10.89861	41.09615
3/17/21 21:26:48.060	4.334842	10.85307	41.09776
3/17/21 21:27:48.060	4.33494	10.89861	41.09753
3/17/21 21:28:48.060	4.337103	10.88318	41.09254
3/17/21 21:29:48.060	4.335641	10.90669	41.09592

3/17/21 21:30:48.060	4.336667	10.88466	41.09355
3/17/21 21:31:48.060	4.335871	10.90007	41.09539
3/17/21 21:32:48.060	4.33916	10.8898	41.08779
3/17/21 21:33:48.060	4.335505	10.8942	41.09623
3/17/21 21:34:48.060	4.334772	10.90816	41.09792
3/17/21 21:35:48.060	4.337002	10.85233	41.09277
3/17/21 21:36:48.060	4.33863	10.88759	41.08902
3/17/21 21:37:48.060	4.33767	10.87804	41.09123
3/17/21 21:38:48.060	4.340093	10.90007	41.08564
3/17/21 21:39:48.060	4.336539	10.88905	41.09384
3/17/21 21:40:48.060	4.339329	10.89861	41.0874
3/17/21 21:41:48.060	4.340591	10.87363	41.08449
3/17/21 21:42:48.060	4.338264	10.90007	41.08986
3/17/21 21:43:48.060	4.339461	10.90816	41.0871
3/17/21 21:44:48.060	4.336202	10.90007	41.09462
3/17/21 21:45:48.060	4.334442	10.87584	41.09869
3/17/21 21:46:48.060	4.335373	10.89494	41.09653
3/17/21 21:47:48.060	4.338399	10.88759	41.08955
3/17/21 21:48:48.060	4.337965	10.88686	41.09055
3/17/21 21:49:48.060	4.336137	10.89127	41.09477
3/17/21 21:50:48.060	4.335407	10.86996	41.09646
3/17/21 21:51:48.060	4.334809	10.88391	41.09784
3/17/21 21:52:48.060	4.336269	10.90521	41.09447
3/17/21 21:53:48.060	4.335606	10.89346	41.096
3/17/21 21:54:48.060	4.336801	10.86996	41.09324
3/17/21 21:55:48.060	4.337737	10.8942	41.09108
3/17/21 21:56:48.060	4.33617	10.88611	41.0947
3/17/21 21:57:48.060	4.336036	10.89641	41.09501
3/17/21 21:58:48.060	4.337002	10.87289	41.09277
3/17/21 21:59:48.060	4.336637	10.89346	41.09362
3/17/21 22:00:48.060	4.337934	10.87657	41.09062
3/17/21 22:01:48.060	4.337203	10.89566	41.09231
3/17/21 22:02:48.060	4.33733	10.88832	41.09201
3/17/21 22:03:48.060	4.336835	10.89641	41.09316
3/17/21 22:04:48.060	4.33793	10.88759	41.09063
3/17/21 22:05:48.060	4.335074	10.89713	41.09723
3/17/21 22:06:48.060	4.335406	10.90302	41.09646
3/17/21 22:07:48.060	4.332381	10.89566	41.10344
3/17/21 22:08:48.060	4.33544	10.90154	41.09638
3/17/21 22:09:48.060	4.334872	10.9008	41.09769
3/17/21 22:10:48.060	4.337432	10.86923	41.09178
3/17/21 22:11:48.060	4.337297	10.89052	41.09209
3/17/21 22:12:48.060	4.337297	10.89273	41.09209
3/17/21 22:13:48.060	4.336406	10.89641	41.09415
3/17/21 22:14:48.060	4.335607	10.88171	41.09599
3/17/21 22:15:48.060	4.337267	10.88023	41.09216

3/17/21 22:16:48.060	4.338765	10.89641	41.0887
3/17/21 22:17:48.060	4.338367	10.88611	41.08962
3/17/21 22:18:48.060	4.33893	10.91623	41.08832
3/17/21 22:19:48.060	4.338298	10.86923	41.08978
3/17/21 22:20:48.060	4.337102	10.8898	41.09254
3/17/21 22:21:48.060	4.339627	10.89641	41.08671
3/17/21 22:22:48.060	4.338131	10.8707	41.09017
3/17/21 22:23:48.060	4.336573	10.90007	41.09377
3/17/21 22:24:48.060	4.339596	10.89932	41.08678
3/17/21 22:25:48.060	4.336835	10.89566	41.09316
3/17/21 22:26:48.060	4.337898	10.88466	41.09071
3/17/21 22:27:48.060	4.336303	10.90889	41.09439
3/17/21 22:28:48.060	4.338696	10.89932	41.08886
3/17/21 22:29:48.060	4.338664	10.8898	41.08894
3/17/21 22:30:48.060	4.332551	10.88098	41.10305
3/17/21 22:31:48.060	4.336474	10.89346	41.09399
3/17/21 22:32:48.060	4.336474	10.89273	41.09399
3/17/21 22:33:48.060	4.339359	10.91182	41.08733
3/17/21 22:34:48.060	4.337399	10.8898	41.09186
3/17/21 22:35:48.060	4.336473	10.89566	41.09399
3/17/21 22:36:48.060	4.337766	10.90669	41.09101
3/17/21 22:37:48.060	4.338761	10.89566	41.08871
3/17/21 22:38:48.060	4.341989	10.90375	41.08126
3/17/21 22:39:48.060	4.341288	10.88611	41.08288
3/17/21 22:40:48.060	4.342884	10.892	41.07919
3/17/21 22:41:48.060	4.340826	10.89932	41.08395
3/17/21 22:42:48.060	4.342285	10.8942	41.08058
3/17/21 22:43:48.060	4.341086	10.92798	41.08334
3/17/21 22:44:48.060	4.341989	10.88391	41.08126
3/17/21 22:45:48.060	4.341154	10.88391	41.08319
3/17/21 22:46:48.060	4.342418	10.87584	41.08027
3/17/21 22:47:48.060	4.343716	10.89052	41.07727
3/17/21 22:48:48.060	4.342187	10.89127	41.0808
3/17/21 22:49:48.060	4.340624	10.892	41.08441
3/17/21 22:50:48.060	4.342782	10.87732	41.07943
3/17/21 22:51:48.060	4.340789	10.88318	41.08403
3/17/21 22:52:48.060	4.341586	10.88905	41.08219
3/17/21 22:53:48.060	4.341852	10.90961	41.08158
3/17/21 22:54:48.060	4.341818	10.88686	41.08165
3/17/21 22:55:48.060	4.342651	10.89346	41.07973
3/17/21 22:56:48.060	4.343713	10.8898	41.07728
3/17/21 22:57:48.060	4.341187	10.90816	41.08311
3/17/21 22:58:48.060	4.342023	10.86923	41.08118
3/17/21 22:59:48.060	4.344078	10.88686	41.07644
3/17/21 23:00:48.060	4.343683	10.87657	41.07735
3/17/21 23:01:48.060	4.341221	10.88538	41.08303

3/17/21 23:02:48.060	4.341453	10.88538	41.0825
3/17/21 23:03:48.060	4.341786	10.87952	41.08173
3/17/21 23:04:48.060	4.344245	10.89787	41.07605
3/17/21 23:05:48.060	4.341919	10.88098	41.08142
3/17/21 23:06:48.060	4.339692	10.89787	41.08656
3/17/21 23:07:48.060	4.341753	10.87584	41.0818
3/17/21 23:08:48.060	4.339727	10.87437	41.08648
3/17/21 23:09:48.060	4.340855	10.89566	41.08388
3/17/21 23:10:48.060	4.343713	10.87804	41.07728
3/17/21 23:11:48.060	4.342418	10.89346	41.08027
3/17/21 23:12:48.060	4.343046	10.89273	41.07882
3/17/21 23:13:48.060	4.345044	10.88098	41.07421
3/17/21 23:14:48.060	4.342285	10.89494	41.08058
3/17/21 23:15:48.060	4.340955	10.8942	41.08365
3/17/21 23:16:48.060	4.342917	10.90007	41.07912
3/17/21 23:17:48.060	4.345644	10.86775	41.07282
3/17/21 23:18:48.060	4.344514	10.87143	41.07543
3/17/21 23:19:48.060	4.344111	10.90889	41.07636
3/17/21 23:20:48.060	4.343317	10.88759	41.07819
3/17/21 23:21:48.060	4.340855	10.87289	41.08388
3/17/21 23:22:48.060	4.338596	10.89641	41.08909
3/17/21 23:23:48.060	4.342516	10.89346	41.08004
3/17/21 23:24:48.060	4.340955	10.8898	41.08365
3/17/21 23:25:48.060	4.342383	10.90669	41.08035
3/17/21 23:26:48.060	4.340224	10.91769	41.08533
3/17/21 23:27:48.060	4.342614	10.88686	41.07981
3/17/21 23:28:48.060	4.343479	10.86923	41.07782
3/17/21 23:29:48.060	4.341356	10.8707	41.08272
3/17/21 23:30:48.060	4.341952	10.89273	41.08134
3/17/21 23:31:48.060	4.340758	10.89861	41.0841
3/17/21 23:32:48.060	4.344677	10.89713	41.07505
3/17/21 23:33:48.060	4.343155	10.91844	41.07857
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3/17/21 23:35:48.060	4.341919	10.91035	41.08142
3/17/21 23:36:48.060	4.343849	10.90889	41.07697
3/17/21 23:37:48.060	4.343345	10.89641	41.07813
3/17/21 23:38:48.060	4.343122	10.87289	41.07864
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3/17/21 23:40:48.060	4.346005	10.88391	41.07199
3/17/21 23:41:48.060	4.342219	10.89127	41.08073
3/17/21 23:42:48.060	4.342949	10.9008	41.07904
3/17/21 23:43:48.060	4.344045	10.85454	41.07651
3/17/21 23:44:48.060	4.344344	10.90154	41.07582
3/17/21 23:45:48.060	4.345109	10.8898	41.07405
3/17/21 23:46:48.060	4.34438	10.90446	41.07574
3/17/21 23:47:48.060	4.344142	10.88832	41.07629

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3/17/21 23:51:48.060	4.345407	10.89346	41.07336
3/17/21 23:52:48.060	4.344977	10.89273	41.07436
3/17/21 23:53:48.060	4.345407	10.89641	41.07336
3/17/21 23:54:48.060	4.344744	10.88023	41.0749
3/17/21 23:55:48.060	4.345308	10.90521	41.0736
3/17/21 23:56:48.060	4.347536	10.88318	41.06845
3/17/21 23:57:48.060	4.344208	10.87363	41.07613
3/17/21 23:58:48.060	4.345206	10.8942	41.07383
3/17/21 23:59:48.060	4.343746	10.8898	41.0772
3/18/21 0:00:48.060	4.345112	10.86703	41.07405
3/18/21 0:01:48.060	4.347636	10.92064	41.06822
3/18/21 0:02:48.060	4.345273	10.90227	41.07368
3/18/21 0:03:48.060	4.348465	10.89861	41.06631
3/18/21 0:04:48.060	4.346405	10.88391	41.07106
3/18/21 0:05:48.060	4.346273	10.91035	41.07137
3/18/21 0:06:48.060	4.344311	10.8898	41.0759
3/18/21 0:07:48.060	4.344844	10.8942	41.07467
3/18/21 0:08:48.060	4.345342	10.89052	41.07352
3/18/21 0:09:48.060	4.343583	10.91182	41.07758
3/18/21 0:10:48.060	4.349926	10.89127	41.06293
3/18/21 0:11:48.060	4.347205	10.89787	41.06922
3/18/21 0:12:48.060	4.34584	10.89346	41.07237
3/18/21 0:13:48.060	4.347138	10.87732	41.06937
3/18/21 0:14:48.060	4.347802	10.89861	41.06784
3/18/21 0:15:48.060	4.347702	10.91035	41.06807
3/18/21 0:16:48.060	4.346438	10.89713	41.07098
3/18/21 0:17:48.060	4.350158	10.89641	41.0624
3/18/21 0:18:48.060	4.347302	10.90521	41.06899
3/18/21 0:19:48.060	4.346538	10.9008	41.07076
3/18/21 0:20:48.060	4.346407	10.87437	41.07106
3/18/21 0:21:48.060	4.347596	10.89273	41.06831
3/18/21 0:22:48.060	4.346308	10.88611	41.07129
3/18/21 0:23:48.060	4.344944	10.89566	41.07444
3/18/21 0:24:48.060	4.345773	10.8707	41.07252
3/18/21 0:25:48.060	4.345477	10.86629	41.0732
3/18/21 0:26:48.060	4.345644	10.88246	41.07282
3/18/21 0:27:48.060	4.346275	10.88391	41.07136
3/18/21 0:28:48.060	4.346407	10.8898	41.07106
3/18/21 0:29:48.060	4.347071	10.88759	41.06952
3/18/21 0:30:48.060	4.348433	10.88171	41.06638
3/18/21 0:31:48.060	4.350093	10.87657	41.06255
3/18/21 0:32:48.060	4.348997	10.892	41.06508
3/18/21 0:33:48.060	4.348433	10.87804	41.06638

3/18/21 0:34:48.060	4.346837	10.89494	41.07006
3/18/21 0:35:48.060	4.349497	10.90446	41.06392
3/18/21 0:36:48.060	4.350723	10.87363	41.06109
3/18/21 0:37:48.060	4.348433	10.90375	41.06638
3/18/21 0:38:48.060	4.348433	10.87509	41.06638
3/18/21 0:39:48.060	4.349229	10.88391	41.06454
3/18/21 0:40:48.060	4.350027	10.88611	41.0627
3/18/21 0:41:48.060	4.350424	10.87218	41.06178
3/18/21 0:42:48.060	4.349599	10.89127	41.06369
3/18/21 0:43:48.060	4.349858	10.87877	41.06309
3/18/21 0:44:48.060	4.348035	10.88246	41.0673
3/18/21 0:45:48.060	4.346308	10.88318	41.07129
3/18/21 0:46:48.060	4.347334	10.88905	41.06892
3/18/21 0:47:48.060	4.347104	10.87363	41.06945
3/18/21 0:48:48.060	4.350763	10.89346	41.061
3/18/21 0:49:48.060	4.3487	10.88023	41.06577
3/18/21 0:50:48.060	4.349926	10.88686	41.06293
3/18/21 0:51:48.060	4.349926	10.89861	41.06293
3/18/21 0:52:48.060	4.347802	10.89932	41.06784
3/18/21 0:53:48.060	4.35069	10.87143	41.06117
3/18/21 0:54:48.060	4.350624	10.88318	41.06132
3/18/21 0:55:48.060	4.34833	10.89346	41.06662
3/18/21 0:56:48.060	4.351654	10.86996	41.05894
3/18/21 0:57:48.060	4.349328	10.89713	41.06431
3/18/21 0:58:48.060	4.352752	10.88832	41.05641
3/18/21 0:59:48.060	4.349228	10.88538	41.06454
3/18/21 1:00:48.060	4.353183	10.87657	41.05541
3/18/21 1:01:48.060	4.346641	10.91917	41.07052
3/18/21 1:02:48.060	4.347037	10.87877	41.0696
3/18/21 1:03:48.060	4.347869	10.90446	41.06768
3/18/21 1:04:48.060	4.351122	10.90302	41.06017
3/18/21 1:05:48.060	4.34903	10.90302	41.065
3/18/21 1:06:48.060	4.349195	10.88759	41.06462
3/18/21 1:07:48.060	4.350295	10.89273	41.06208
3/18/21 1:08:48.060	4.347636	10.88023	41.06822
3/18/21 1:09:48.060	4.350763	10.87804	41.061
3/18/21 1:10:48.060	4.352549	10.88759	41.05688
3/18/21 1:11:48.060	4.35172	10.9008	41.05879
3/18/21 1:12:48.060	4.353248	10.88905	41.05526
3/18/21 1:13:48.060	4.348929	10.89052	41.06524
3/18/21 1:14:48.060	4.351158	10.93678	41.06009
3/18/21 1:15:48.060	4.35026	10.892	41.06216
3/18/21 1:16:48.060	4.351453	10.8898	41.05941
3/18/21 1:17:48.060	4.350459	10.89932	41.0617
3/18/21 1:18:48.060	4.352152	10.9155	41.05779
3/18/21 1:19:48.060	4.350558	10.88905	41.06147

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3/18/21 1:22:48.060	4.352885	10.91255	41.0561
3/18/21 1:23:48.060	4.355016	10.87877	41.05118
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3/18/21 1:33:48.060	4.351854	10.89932	41.05848
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3/18/21 1:43:48.060	4.350657	10.91475	41.06124
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3/18/21 2:02:48.060	4.351788	10.89346	41.05863
3/18/21 2:03:48.060	4.35162	10.89641	41.05902
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3/18/21 2:10:48.060	4.352355	10.90302	41.05732
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3/18/21 2:12:48.060	4.352484	10.88246	41.05703
3/18/21 2:13:48.060	4.353912	10.88538	41.05373
3/18/21 2:14:48.060	4.351989	10.88391	41.05817
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3/18/21 2:26:48.060	4.355709	10.88023	41.04958
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3/18/21 2:34:48.060	4.358068	10.90446	41.04414
3/18/21 2:35:48.060	4.358669	10.89494	41.04274
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3/18/21 2:38:48.060	4.354579	10.91255	41.05219
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3/18/21 2:54:48.060	4.356606	10.89346	41.04751
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3/18/21 3:05:48.060	4.359729	10.86923	41.0403
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3/18/21 3:08:48.060	4.357534	10.89273	41.04536
3/18/21 3:09:48.060	4.359798	10.86482	41.04014
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3/18/21 3:11:48.060	4.360126	10.88905	41.03938
3/18/21 3:12:48.060	4.361028	10.88318	41.0373
3/18/21 3:13:48.060	4.36036	10.8942	41.03884
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3/18/21 3:56:48.060	4.362224	10.87363	41.03454
3/18/21 3:57:48.060	4.36199	10.87952	41.03508
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3/18/21 4:03:48.060	4.361525	10.91182	41.03615
3/18/21 4:04:48.060	4.362419	10.89861	41.03409
3/18/21 4:05:48.060	4.363882	10.90961	41.03071
3/18/21 4:06:48.060	4.362686	10.89566	41.03347
3/18/21 4:07:48.060	4.365381	10.88832	41.02725
3/18/21 4:08:48.060	4.365676	10.88538	41.02657
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3/18/21 4:22:48.060	4.364015	10.88391	41.0304
3/18/21 4:23:48.060	4.36292	10.89494	41.03293

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3/18/21 4:59:48.060	4.365149	10.90227	41.02778
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3/18/21 5:01:48.060	4.367369	10.86555	41.02266
3/18/21 5:02:48.060	4.366307	10.91989	41.02511
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3/18/21 5:09:48.060	4.365577	10.88391	41.02679

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3/18/21 5:13:48.060	4.366244	10.89273	41.02526
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3/18/21 5:15:48.060	4.367143	10.89787	41.02318
3/18/21 5:16:48.060	4.364549	10.89127	41.02917
3/18/21 5:17:48.060	4.366838	10.89127	41.02388
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3/18/21 5:19:48.060	4.367043	10.8898	41.02341
3/18/21 5:20:48.060	4.366906	10.89861	41.02373
3/18/21 5:21:48.060	4.366243	10.88832	41.02526
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3/18/21 5:23:48.060	4.366542	10.88171	41.02457
3/18/21 5:24:48.060	4.366244	10.89346	41.02526
3/18/21 5:25:48.060	4.367677	10.86189	41.02195
3/18/21 5:26:48.060	4.368636	10.88611	41.01973
3/18/21 5:27:48.060	4.36741	10.88538	41.02256
3/18/21 5:28:48.060	4.369467	10.88905	41.01781
3/18/21 5:29:48.060	4.366805	10.86923	41.02396
3/18/21 5:30:48.060	4.37036	10.89787	41.01575
3/18/21 5:31:48.060	4.367703	10.87804	41.02188
3/18/21 5:32:48.060	4.366707	10.89494	41.02419
3/18/21 5:33:48.060	4.367271	10.87363	41.02288
3/18/21 5:34:48.060	4.36654	10.89932	41.02457
3/18/21 5:35:48.060	4.368368	10.89273	41.02035
3/18/21 5:36:48.060	4.368435	10.87657	41.0202
3/18/21 5:37:48.060	4.367637	10.88466	41.02204
3/18/21 5:38:48.060	4.368832	10.89861	41.01928
3/18/21 5:39:48.060	4.365544	10.88759	41.02687
3/18/21 5:40:48.060	4.367443	10.88391	41.02249
3/18/21 5:41:48.060	4.369832	10.90889	41.01697
3/18/21 5:42:48.060	4.366973	10.87143	41.02357
3/18/21 5:43:48.060	4.366707	10.87509	41.02419
3/18/21 5:44:48.060	4.370895	10.90741	41.01451
3/18/21 5:45:48.060	4.368964	10.88832	41.01897
3/18/21 5:46:48.060	4.3693	10.89273	41.0182
3/18/21 5:47:48.060	4.367671	10.89052	41.02196
3/18/21 5:48:48.060	4.369066	10.88023	41.01874
3/18/21 5:49:48.060	4.367671	10.892	41.02196
3/18/21 5:50:48.060	4.369098	10.91328	41.01867
3/18/21 5:51:48.060	4.368037	10.91328	41.02111
3/18/21 5:52:48.060	4.368368	10.90375	41.02035
3/18/21 5:53:48.060	4.369232	10.90446	41.01836
3/18/21 5:54:48.060	4.367571	10.89861	41.02219
3/18/21 5:55:48.060	4.36857	10.90521	41.01988

3/18/21 5:56:48.060	4.369467	10.87732	41.01781
3/18/21 5:57:48.060	4.369367	10.90889	41.01804
3/18/21 5:58:48.060	4.368603	10.91989	41.01981
3/18/21 5:59:48.060	4.368964	10.87657	41.01897
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3/18/21 6:01:48.060	4.369996	10.88759	41.01659
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3/18/21 6:16:48.060	4.369432	10.89932	41.01789
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3/18/21 6:22:48.060	4.370363	10.92064	41.01574
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3/18/21 6:39:48.060	4.371956	10.87143	41.01207
3/18/21 6:40:48.060	4.371562	10.88759	41.01298
3/18/21 6:41:48.060	4.371891	10.90302	41.01221

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3/18/21 6:43:48.060	4.370165	10.87732	41.0162
3/18/21 6:44:48.060	4.371289	10.87804	41.01361
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3/18/21 6:51:48.060	4.371858	10.8898	41.01229
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3/18/21 6:53:48.060	4.372489	10.88023	41.01083
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3/18/21 6:56:48.060	4.373322	10.89346	41.00891
3/18/21 6:57:48.060	4.372325	10.88686	41.01122
3/18/21 6:58:48.060	4.373616	10.88538	41.00823
3/18/21 6:59:48.060	4.371824	10.88905	41.01237
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3/18/21 7:02:48.060	4.373453	10.88318	41.00861
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3/18/21 7:04:48.060	4.372991	10.87363	41.00968
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3/18/21 7:06:48.060	4.372624	10.90007	41.01052
3/18/21 7:07:48.060	4.373816	10.87584	41.00777
3/18/21 7:08:48.060	4.372986	10.88098	41.00969
3/18/21 7:09:48.060	4.37611	10.91255	41.00248
3/18/21 7:10:48.060	4.373851	10.88538	41.00769
3/18/21 7:11:48.060	4.375813	10.89861	41.00316
3/18/21 7:12:48.060	4.37488	10.89641	41.00531
3/18/21 7:13:48.060	4.374052	10.90007	41.00723
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3/18/21 7:15:48.060	4.373322	10.90302	41.00891
3/18/21 7:16:48.060	4.373219	10.88023	41.00915
3/18/21 7:17:48.060	4.373155	10.88023	41.0093
3/18/21 7:18:48.060	4.373089	10.89861	41.00945
3/18/21 7:19:48.060	4.372986	10.86775	41.00969
3/18/21 7:20:48.060	4.372888	10.88466	41.00991
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3/18/21 7:24:48.060	4.374616	10.91035	41.00592
3/18/21 7:25:48.060	4.374152	10.8942	41.007
3/18/21 7:26:48.060	4.374019	10.88171	41.00731
3/18/21 7:27:48.060	4.375214	10.85968	41.00454

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3/18/21 7:37:48.060	4.372292	10.88171	41.01129
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3/18/21 7:46:48.060	4.367369	10.8898	41.02266
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3/18/21 7:48:48.060	4.376608	10.90961	41.00132
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3/18/21 7:56:48.060	4.375878	10.89494	41.00301
3/18/21 7:57:48.060	4.373257	10.89713	41.00906
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3/18/21 8:02:48.060	4.374184	10.8942	41.00692
3/18/21 8:03:48.060	4.37744	10.88098	40.9994
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3/18/21 8:15:48.060	4.379964	10.88318	40.99358
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3/18/21 9:01:48.060	4.378304	10.87363	40.99741
3/18/21 9:02:48.060	4.379368	10.89787	40.99495
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3/18/21 9:35:48.060	4.379867	10.89932	40.9938
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3/18/21 9:53:48.060	4.382487	10.91182	40.98775
3/18/21 9:54:48.060	4.382192	10.87437	40.98843
3/18/21 9:55:48.060	4.382788	10.88538	40.98706
3/18/21 9:56:48.060	4.379831	10.92503	40.99388
3/18/21 9:57:48.060	4.381228	10.90961	40.99066
3/18/21 9:58:48.060	4.382092	10.88391	40.98866
3/18/21 9:59:48.060	4.383358	10.90594	40.98574
3/18/21 10:00:48.060	4.379401	10.89566	40.99488
3/18/21 10:01:48.060	4.383756	10.92577	40.98482
3/18/21 10:02:48.060	4.383055	10.88318	40.98644
3/18/21 10:03:48.060	4.380231	10.86996	40.99296
3/18/21 10:04:48.060	4.381364	10.88905	40.99035
3/18/21 10:05:48.060	4.382623	10.88611	40.98744
3/18/21 10:06:48.060	4.384055	10.93607	40.98413
3/18/21 10:07:48.060	4.383324	10.89346	40.98582
3/18/21 10:08:48.060	4.384521	10.90154	40.98306
3/18/21 10:09:48.060	4.384153	10.91623	40.98391
3/18/21 10:10:48.060	4.381527	10.90007	40.98997
3/18/21 10:11:48.060	4.381195	10.89861	40.99073
3/18/21 10:12:48.060	4.382229	10.89861	40.98835
3/18/21 10:13:48.060	4.380566	10.90446	40.99219
3/18/21 10:14:48.060	4.380132	10.87584	40.99319
3/18/21 10:15:48.060	4.381462	10.89052	40.99012
3/18/21 10:16:48.060	4.379734	10.8898	40.99411
3/18/21 10:17:48.060	4.383887	10.90669	40.98452
3/18/21 10:18:48.060	4.380099	10.88391	40.99326
3/18/21 10:19:48.060	4.381032	10.91769	40.99111
3/18/21 10:20:48.060	4.379067	10.89346	40.99565
3/18/21 10:21:48.060	4.380997	10.90007	40.99119
3/18/21 10:22:48.060	4.381525	10.87952	40.98997
3/18/21 10:23:48.060	4.383286	10.89346	40.98591
3/18/21 10:24:48.060	4.382623	10.9008	40.98744
3/18/21 10:25:48.060	4.381691	10.88391	40.98959
3/18/21 10:26:48.060	4.385284	10.91035	40.98129
3/18/21 10:27:48.060	4.382457	10.87877	40.98782
3/18/21 10:28:48.060	4.381094	10.90961	40.99097
3/18/21 10:29:48.060	4.382026	10.8942	40.98882
3/18/21 10:30:48.060	4.382558	10.87657	40.98759
3/18/21 10:31:48.060	4.384556	10.90375	40.98297

3/18/21 10:32:48.060	4.380996	10.90669	40.99119
3/18/21 10:33:48.060	4.38395	10.89052	40.98438
3/18/21 10:34:48.060	4.382295	10.90007	40.98819
3/18/21 10:35:48.060	4.382795	10.89641	40.98704
3/18/21 10:36:48.060	4.381695	10.88832	40.98958
3/18/21 10:37:48.060	4.383953	10.87143	40.98436
3/18/21 10:38:48.060	4.385019	10.88686	40.9819
3/18/21 10:39:48.060	4.384421	10.89273	40.98328
3/18/21 10:40:48.060	4.384683	10.87289	40.98268
3/18/21 10:41:48.060	4.384748	10.8898	40.98253
3/18/21 10:42:48.060	4.386814	10.88538	40.97776
3/18/21 10:43:48.060	4.384222	10.88611	40.98375
3/18/21 10:44:48.060	4.382061	10.90375	40.98874
3/18/21 10:45:48.060	4.384488	10.86848	40.98313
3/18/21 10:46:48.060	4.384288	10.90446	40.98359
3/18/21 10:47:48.060	4.385279	10.89641	40.9813
3/18/21 10:48:48.060	4.384254	10.89346	40.98367
3/18/21 10:49:48.060	4.382623	10.90594	40.98744
3/18/21 10:50:48.060	4.386743	10.87218	40.97792
3/18/21 10:51:48.060	4.384488	10.89494	40.98313
3/18/21 10:52:48.060	4.38339	10.89052	40.98566
3/18/21 10:53:48.060	4.383652	10.89566	40.98506
3/18/21 10:54:48.060	4.383659	10.88759	40.98504
3/18/21 10:55:48.060	4.385214	10.90375	40.98145
3/18/21 10:56:48.060	4.384222	10.89932	40.98375
3/18/21 10:57:48.060	4.386246	10.8898	40.97907
3/18/21 10:58:48.060	4.385648	10.88538	40.98045
3/18/21 10:59:48.060	4.387311	10.89273	40.97661
3/18/21 11:00:48.060	4.384886	10.87732	40.98221
3/18/21 11:01:48.060	4.38588	10.88318	40.97992
3/18/21 11:02:48.060	4.385383	10.88466	40.98106
3/18/21 11:03:48.060	4.38744	10.90154	40.97631
3/18/21 11:04:48.060	4.385416	10.87952	40.98099
3/18/21 11:05:48.060	4.386344	10.90521	40.97884
3/18/21 11:06:48.060	4.387276	10.88759	40.97669
3/18/21 11:07:48.060	4.38568	10.88686	40.98038
3/18/21 11:08:48.060	4.387243	10.89346	40.97677
3/18/21 11:09:48.060	4.388506	10.88023	40.97385
3/18/21 11:10:48.060	4.386946	10.90741	40.97746
3/18/21 11:11:48.060	4.387407	10.89346	40.97639
3/18/21 11:12:48.060	4.387973	10.91255	40.97508
3/18/21 11:13:48.060	4.387243	10.88171	40.97677
3/18/21 11:14:48.060	4.386049	10.89932	40.97953
3/18/21 11:15:48.060	4.388141	10.89127	40.9747
3/18/21 11:16:48.060	4.388575	10.90227	40.97369
3/18/21 11:17:48.060	4.386809	10.89641	40.97777

3/18/21 11:18:48.060	4.389735	10.88391	40.97102
3/18/21 11:19:48.060	4.386576	10.90669	40.97831
3/18/21 11:20:48.060	4.388405	10.86482	40.97409
3/18/21 11:21:48.060	4.386144	10.88098	40.97931
3/18/21 11:22:48.060	4.389936	10.90669	40.97055
3/18/21 11:23:48.060	4.387778	10.8942	40.97553
3/18/21 11:24:48.060	4.388141	10.91035	40.9747
3/18/21 11:25:48.060	4.387011	10.88391	40.97731
3/18/21 11:26:48.060	4.389302	10.89346	40.97202
3/18/21 11:27:48.060	4.389269	10.89566	40.97209
3/18/21 11:28:48.060	4.389833	10.91035	40.97079
3/18/21 11:29:48.060	4.388673	10.88905	40.97347
3/18/21 11:30:48.060	4.386978	10.8898	40.97738
3/18/21 11:31:48.060	4.387311	10.88832	40.97661
3/18/21 11:32:48.060	4.384886	10.91182	40.98221
3/18/21 11:33:48.060	4.388607	10.91844	40.97362
3/18/21 11:34:48.060	4.389599	10.88171	40.97133
3/18/21 11:35:48.060	4.38744	10.8942	40.97631
3/18/21 11:36:48.060	4.388141	10.92725	40.9747
3/18/21 11:37:48.060	4.385813	10.90154	40.98007
3/18/21 11:38:48.060	4.385748	10.87952	40.98022
3/18/21 11:39:48.060	4.386678	10.92871	40.97807
3/18/21 11:40:48.060	4.389601	10.89713	40.97132
3/18/21 11:41:48.060	4.389103	10.88318	40.97247
3/18/21 11:42:48.060	4.387108	10.89641	40.97708
3/18/21 11:43:48.060	4.389338	10.88538	40.97193
3/18/21 11:44:48.060	4.390103	10.89127	40.97017
3/18/21 11:45:48.060	4.388701	10.88538	40.9734
3/18/21 11:46:48.060	4.388103	10.90521	40.97478
3/18/21 11:47:48.060	4.38671	10.90816	40.978
3/18/21 11:48:48.060	4.390393	10.90446	40.96949
3/18/21 11:49:48.060	4.386411	10.87877	40.97869
3/18/21 11:50:48.060	4.38914	10.90741	40.97239
3/18/21 11:51:48.060	4.390435	10.90227	40.9694
3/18/21 11:52:48.060	4.39243	10.91623	40.96479
3/18/21 11:53:48.060	4.388408	10.87877	40.97408
3/18/21 11:54:48.060	4.389438	10.89641	40.9717

Log Notes

2021-03-18 11:55:18.838 Stopped

Location Properties

Location Name = MW-12S

Location ID = 5be088ae-c541-4557-a59a-bdd1be9d73a8

Report Properties

Start Time = 2021-03-17 10:30:00.060

Duration = 1.00:59:48

Readings = 1597

Time Offset = -04:00:00

Instrument Properties

Device Model = Level TROLL 700

Device SN = 537711

Device Firmware = 3.06

Log Properties

Log Name = MW - 12S Shut Down

Log Type = Logarithmic

Log File Number = 3

Log ID = c2d2829e-392d-5514-8cc7-442a7eca31f0

Interval = 00:01:00

Date Time	Pressure (psi) (537711)	Temperature (°C) (537711)	Depth To Water (ft) (537711)
3/17/21 10:30:00.060	4.453737	10.95351	45.87124
3/17/21 10:30:00.311	4.453648	10.99683	45.87144
3/17/21 10:30:00.561	4.453921	10.96306	45.87081
3/17/21 10:30:00.811	4.458123	10.98361	45.86111
3/17/21 10:30:01.061	4.457123	10.98508	45.86342
3/17/21 10:30:01.311	4.4568	11.01445	45.86417
3/17/21 10:30:01.561	4.458123	10.9917	45.86111
3/17/21 10:30:01.811	4.458857	11.0005	45.85941
3/17/21 10:30:02.061	4.457965	10.99683	45.86147
3/17/21 10:30:02.311	4.459106	11.00197	45.85884
3/17/21 10:30:02.561	4.458148	10.9726	45.86105
3/17/21 10:30:02.811	4.460129	10.98068	45.85648
3/17/21 10:30:03.061	4.458032	10.97774	45.86132
3/17/21 10:30:03.311	4.464077	11.01665	45.84736
3/17/21 10:30:03.561	4.461489	10.99829	45.85334
3/17/21 10:30:03.811	4.464025	11.01004	45.84748
3/17/21 10:30:04.061	4.462501	10.99902	45.851
3/17/21 10:30:04.311	4.461352	10.98434	45.85365
3/17/21 10:30:04.561	4.464658	11.01445	45.84602
3/17/21 10:30:04.811	4.461881	10.98875	45.85243
3/17/21 10:30:05.061	4.464033	10.97626	45.84747

3/17/21 10:30:05.311	4.465236	11.02032	45.84469
3/17/21 10:30:05.561	4.464747	10.99463	45.84581
3/17/21 10:30:05.811	4.46602	10.9792	45.84288
3/17/21 10:30:06.061	4.463513	11.00711	45.84866
3/17/21 10:30:06.421	4.466766	10.99536	45.84115
3/17/21 10:30:06.781	4.466907	10.98802	45.84083
3/17/21 10:30:07.201	4.467351	10.99757	45.8398
3/17/21 10:30:07.621	4.467303	11.00565	45.83991
3/17/21 10:30:08.041	4.471164	11.01445	45.831
3/17/21 10:30:08.521	4.469064	10.97113	45.83585
3/17/21 10:30:09.061	4.468553	11.0049	45.83703
3/17/21 10:30:09.541	4.472694	11.0152	45.82747
3/17/21 10:30:10.141	4.474355	11.01813	45.82363
3/17/21 10:30:10.741	4.471837	10.98434	45.82944
3/17/21 10:30:11.341	4.473527	11.00711	45.82554
3/17/21 10:30:12.001	4.474093	10.9917	45.82423
3/17/21 10:30:12.720	4.471475	10.96819	45.83028
3/17/21 10:30:13.500	4.476448	10.98949	45.8188
3/17/21 10:30:14.281	4.475959	11.01004	45.81993
3/17/21 10:30:15.121	4.478191	11.00124	45.81477
3/17/21 10:30:16.020	4.478244	10.98215	45.81465
3/17/21 10:30:16.980	4.477655	10.99977	45.81601
3/17/21 10:30:17.940	4.478238	11.00931	45.81466
3/17/21 10:30:19.020	4.481114	11.01297	45.80803
3/17/21 10:30:20.161	4.479284	10.98508	45.81225
3/17/21 10:30:21.361	4.481536	10.97554	45.80705
3/17/21 10:30:22.621	4.481965	10.96306	45.80606
3/17/21 10:30:23.940	4.479987	10.98581	45.81063
3/17/21 10:30:25.381	4.483291	10.97701	45.803
3/17/21 10:30:26.881	4.479955	11.00784	45.8107
3/17/21 10:30:28.440	4.480308	10.95717	45.80989
3/17/21 10:30:30.121	4.482032	10.98215	45.8059
3/17/21 10:30:31.920	4.482845	10.98215	45.80403
3/17/21 10:30:33.781	4.485522	10.99242	45.79784
3/17/21 10:30:35.821	4.482719	10.99022	45.80432
3/17/21 10:30:37.920	4.483561	10.99609	45.80238
3/17/21 10:30:40.140	4.482355	11.0174	45.80516
3/17/21 10:30:42.541	4.484959	11.00197	45.79915
3/17/21 10:30:45.060	4.485639	10.96672	45.79758
3/17/21 10:30:47.700	4.484117	10.98215	45.80109
3/17/21 10:30:50.520	4.484377	10.97186	45.80049
3/17/21 10:30:53.520	4.484595	10.96085	45.79999
3/17/21 10:30:56.700	4.48526	10.97186	45.79845
3/17/21 10:31:00.060	4.486216	10.97333	45.79624
3/17/21 10:31:03.660	4.486726	10.95863	45.79507
3/17/21 10:31:07.260	4.488716	10.97479	45.79047

3/17/21 10:31:11.460	4.487641	10.96819	45.79295
3/17/21 10:31:15.660	4.488218	10.96599	45.79162
3/17/21 10:31:19.860	4.488328	10.97847	45.79137
3/17/21 10:31:24.660	4.488664	10.99609	45.79059
3/17/21 10:31:30.060	4.490716	10.99388	45.78585
3/17/21 10:31:34.860	4.490739	10.95497	45.7858
3/17/21 10:31:40.860	4.489328	10.98581	45.78906
3/17/21 10:31:46.860	4.491333	10.97701	45.78443
3/17/21 10:31:52.860	4.493274	10.95422	45.77995
3/17/21 10:31:59.460	4.489735	10.99609	45.78812
3/17/21 10:32:06.660	4.491643	10.93073	45.78371
3/17/21 10:32:14.460	4.493326	10.96452	45.77983
3/17/21 10:32:22.260	4.493863	11.00711	45.77859
3/17/21 10:32:30.660	4.492849	10.96599	45.78093
3/17/21 10:32:39.660	4.495392	10.9557	45.77505
3/17/21 10:32:49.260	4.495695	10.95863	45.77436
3/17/21 10:32:58.860	4.495172	10.94688	45.77557
3/17/21 10:33:09.660	4.49679	10.96452	45.77183
3/17/21 10:33:21.060	4.497993	10.97333	45.76905
3/17/21 10:33:33.060	4.498832	10.96231	45.76711
3/17/21 10:33:45.660	4.498779	10.96011	45.76723
3/17/21 10:33:58.860	4.497994	10.92926	45.76905
3/17/21 10:34:13.260	4.501648	10.96085	45.76061
3/17/21 10:34:28.260	4.498989	10.93073	45.76675
3/17/21 10:34:43.860	4.502182	10.93954	45.75938
3/17/21 10:35:00.660	4.499911	10.88373	45.76462
3/17/21 10:35:18.660	4.502087	10.91971	45.7596
3/17/21 10:35:37.260	4.502581	10.88666	45.75846
3/17/21 10:35:57.660	4.502723	10.92044	45.75813
3/17/21 10:36:18.660	4.504008	10.88373	45.75516
3/17/21 10:36:40.860	4.50616	10.85216	45.75019
3/17/21 10:37:04.860	4.503273	10.84698	45.75686
3/17/21 10:37:30.060	4.504159	10.83083	45.75481
3/17/21 10:37:56.460	4.504536	10.80513	45.75394
3/17/21 10:38:24.660	4.507266	10.7728	45.74764
3/17/21 10:38:54.660	4.506535	10.77135	45.74933
3/17/21 10:39:26.460	4.507474	10.71843	45.74716
3/17/21 10:40:00.060	4.507158	10.72284	45.74789
3/17/21 10:40:36.060	4.508376	10.69417	45.74508
3/17/21 10:41:12.060	4.512122	10.703	45.73643
3/17/21 10:41:54.060	4.510449	10.68242	45.74029
3/17/21 10:42:36.060	4.510983	10.66185	45.73906
3/17/21 10:43:18.060	4.508704	10.66405	45.74432
3/17/21 10:44:06.060	4.511088	10.63173	45.73882
3/17/21 10:45:00.060	4.514662	10.6207	45.73056
3/17/21 10:45:48.060	4.514763	10.61996	45.73033

3/17/21 10:46:48.060	4.514935	10.62511	45.72993
3/17/21 10:47:48.060	4.515287	10.61555	45.72912
3/17/21 10:48:48.060	4.517912	10.64055	45.72306
3/17/21 10:49:48.060	4.518241	10.61041	45.7223
3/17/21 10:50:48.060	4.521509	10.64348	45.71475
3/17/21 10:51:48.060	4.520215	10.65524	45.71774
3/17/21 10:52:48.060	4.521788	10.66772	45.71411
3/17/21 10:53:48.060	4.523784	10.63098	45.7095
3/17/21 10:54:48.060	4.522381	10.64275	45.71274
3/17/21 10:55:48.060	4.521397	10.63467	45.71501
3/17/21 10:56:48.060	4.521839	10.64864	45.71399
3/17/21 10:57:48.060	4.521405	10.66405	45.71499
3/17/21 10:58:48.060	4.520359	10.68095	45.71741
3/17/21 10:59:48.060	4.522429	10.66405	45.71263
3/17/21 11:00:48.060	4.521923	10.67213	45.7138
3/17/21 11:01:48.060	4.525569	10.68536	45.70538
3/17/21 11:02:48.060	4.525368	10.69345	45.70584
3/17/21 11:03:48.060	4.526135	10.69197	45.70407
3/17/21 11:04:48.060	4.526622	10.69492	45.70295
3/17/21 11:05:48.060	4.526121	10.6817	45.70411
3/17/21 11:06:48.060	4.52786	10.71329	45.70009
3/17/21 11:07:48.060	4.525739	10.71255	45.70499
3/17/21 11:08:48.060	4.528119	10.68242	45.69949
3/17/21 11:09:48.060	4.530265	10.6714	45.69454
3/17/21 11:10:48.060	4.529353	10.70668	45.69664
3/17/21 11:11:48.060	4.532803	10.68904	45.68867
3/17/21 11:12:48.060	4.531914	10.72063	45.69073
3/17/21 11:13:48.060	4.531251	10.72798	45.69226
3/17/21 11:14:48.060	4.531798	10.72357	45.691
3/17/21 11:15:48.060	4.532337	10.71695	45.68975
3/17/21 11:16:48.060	4.534306	10.75591	45.68521
3/17/21 11:17:48.060	4.536103	10.73093	45.68106
3/17/21 11:18:48.060	4.536196	10.73239	45.68084
3/17/21 11:19:48.060	4.535125	10.76692	45.68332
3/17/21 11:20:48.060	4.535388	10.76619	45.68271
3/17/21 11:21:48.060	4.535972	10.74782	45.68136
3/17/21 11:22:48.060	4.535283	10.76692	45.68295
3/17/21 11:23:48.060	4.536247	10.7831	45.68072
3/17/21 11:24:48.060	4.537827	10.79997	45.67708
3/17/21 11:25:48.060	4.538045	10.76692	45.67657
3/17/21 11:26:48.060	4.535675	10.81027	45.68204
3/17/21 11:27:48.060	4.538551	10.81541	45.6754
3/17/21 11:28:48.060	4.538045	10.80365	45.67657
3/17/21 11:29:48.060	4.5398	10.77647	45.67252
3/17/21 11:30:48.060	4.541124	10.79631	45.66946
3/17/21 11:31:48.060	4.542544	10.81615	45.66618

3/17/21 11:32:48.060	4.541447	10.80072	45.66872
3/17/21 11:33:48.060	4.543264	10.81174	45.66452
3/17/21 11:34:48.060	4.545344	10.8279	45.65972
3/17/21 11:35:48.060	4.543079	10.81247	45.66495
3/17/21 11:36:48.060	4.545147	10.8279	45.66017
3/17/21 11:37:48.060	4.544764	10.81688	45.66106
3/17/21 11:38:48.060	4.545653	10.82863	45.659
3/17/21 11:39:48.060	4.546229	10.81467	45.65767
3/17/21 11:40:48.060	4.543998	10.82716	45.66283
3/17/21 11:41:48.060	4.545839	10.83818	45.65858
3/17/21 11:42:48.060	4.543447	10.86021	45.6641
3/17/21 11:43:48.060	4.543791	10.86389	45.6633
3/17/21 11:44:48.060	4.547978	10.83966	45.65364
3/17/21 11:45:48.060	4.546942	10.84332	45.65603
3/17/21 11:46:48.060	4.547476	10.83377	45.6548
3/17/21 11:47:48.060	4.547274	10.86316	45.65526
3/17/21 11:48:48.060	4.545961	10.88373	45.65829
3/17/21 11:49:48.060	4.546327	10.86977	45.65745
3/17/21 11:50:48.060	4.545801	10.86169	45.65866
3/17/21 11:51:48.060	4.546095	10.86169	45.65799
3/17/21 11:52:48.060	4.545004	10.87198	45.6605
3/17/21 11:53:48.060	4.545922	10.86757	45.65838
3/17/21 11:54:48.060	4.546043	10.85509	45.6581
3/17/21 11:55:48.060	4.543443	10.88153	45.66411
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3/17/21 11:58:48.060	4.54775	10.90282	45.65416
3/17/21 11:59:48.060	4.548562	10.87492	45.65229
3/17/21 12:00:48.060	4.548285	10.89548	45.65293
3/17/21 12:01:48.060	4.54897	10.90355	45.65135
3/17/21 12:02:48.060	4.549562	10.91898	45.64998
3/17/21 12:03:48.060	4.551929	10.87344	45.64452
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3/17/21 12:06:48.060	4.55089	10.9131	45.64691
3/17/21 12:07:48.060	4.550829	10.92412	45.64705
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3/17/21 12:10:48.060	4.552545	10.89769	45.64309
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3/17/21 12:13:48.060	4.555597	10.91826	45.63604
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3/17/21 12:17:48.060	4.558805	10.91971	45.62864

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3/17/21 13:12:48.060	4.571461	10.94688	45.59941
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3/17/21 15:51:48.060	4.603874	10.96452	45.52457
3/17/21 15:52:48.060	4.605669	10.93733	45.52043
3/17/21 15:53:48.060	4.606172	10.96378	45.51927
3/17/21 15:54:48.060	4.603505	10.93073	45.52543
3/17/21 15:55:48.060	4.605741	10.93733	45.52026
3/17/21 15:56:48.060	4.607033	10.96158	45.51728
3/17/21 15:57:48.060	4.609821	10.94836	45.51085
3/17/21 15:58:48.060	4.610281	10.98361	45.50978
3/17/21 15:59:48.060	4.609171	10.95938	45.51234
3/17/21 16:00:48.060	4.609133	10.97113	45.51243
3/17/21 16:01:48.060	4.608737	10.9579	45.51335
3/17/21 16:02:48.060	4.60821	10.94321	45.51456
3/17/21 16:03:48.060	4.606658	10.93367	45.51815
3/17/21 16:04:48.060	4.607715	10.95422	45.51571
3/17/21 16:05:48.060	4.606009	10.94395	45.51965
3/17/21 16:06:48.060	4.607913	10.94983	45.51525
3/17/21 16:07:48.060	4.604542	10.96672	45.52303

3/17/21 16:08:48.060	4.605803	10.97038	45.52012
3/17/21 16:09:48.060	4.607647	10.94028	45.51586
3/17/21 16:10:48.060	4.610411	10.95129	45.50948
3/17/21 16:11:48.060	4.612691	10.94469	45.50422
3/17/21 16:12:48.060	4.607965	10.9366	45.51513
3/17/21 16:13:48.060	4.608224	10.92339	45.51453
3/17/21 16:14:48.060	4.609012	10.94762	45.51271
3/17/21 16:15:48.060	4.608099	10.98068	45.51482
3/17/21 16:16:48.060	4.609252	10.95203	45.51216
3/17/21 16:17:48.060	4.60944	10.96378	45.51172
3/17/21 16:18:48.060	4.610443	10.95276	45.50941
3/17/21 16:19:48.060	4.608149	10.93808	45.51471
3/17/21 16:20:48.060	4.608637	10.94615	45.51358
3/17/21 16:21:48.060	4.608149	10.93588	45.51471
3/17/21 16:22:48.060	4.609506	10.9579	45.51157
3/17/21 16:23:48.060	4.612218	10.95863	45.50531
3/17/21 16:24:48.060	4.607017	10.93513	45.51732
3/17/21 16:25:48.060	4.611235	10.96819	45.50758
3/17/21 16:26:48.060	4.610096	10.93221	45.51021
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3/17/21 16:28:48.060	4.611284	10.95056	45.50747
3/17/21 16:29:48.060	4.609629	10.97038	45.51129
3/17/21 16:30:48.060	4.60968	10.95863	45.51117
3/17/21 16:31:48.060	4.608944	10.9491	45.51287
3/17/21 16:32:48.060	4.611047	10.96452	45.50801
3/17/21 16:33:48.060	4.609821	10.97113	45.51085
3/17/21 16:34:48.060	4.610676	10.96524	45.50887
3/17/21 16:35:48.060	4.610662	10.92999	45.5089
3/17/21 16:36:48.060	4.610662	10.95351	45.5089
3/17/21 16:37:48.060	4.612124	10.95276	45.50552
3/17/21 16:38:48.060	4.611812	10.99242	45.50625
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3/17/21 16:40:48.060	4.612011	10.94762	45.50579
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3/17/21 16:42:48.060	4.611729	10.96452	45.50644
3/17/21 16:43:48.060	4.611219	10.96745	45.50761
3/17/21 16:44:48.060	4.612957	10.98581	45.5036
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3/17/21 16:47:48.060	4.610997	10.94543	45.50813
3/17/21 16:48:48.060	4.613793	10.96085	45.50167
3/17/21 16:49:48.060	4.614657	10.94762	45.49968
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3/17/21 16:58:48.060	4.613062	10.93954	45.50336
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3/17/21 17:02:48.060	4.614619	10.9557	45.49977
3/17/21 17:03:48.060	4.613652	10.94395	45.502
3/17/21 17:04:48.060	4.614361	10.96231	45.50036
3/17/21 17:05:48.060	4.615564	10.96158	45.49759
3/17/21 17:06:48.060	4.614108	10.96819	45.50095
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3/17/21 17:08:48.060	4.615083	10.92999	45.4987
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3/17/21 17:23:48.060	4.62344	10.95203	45.4794
3/17/21 17:24:48.060	4.622056	10.94176	45.48259
3/17/21 17:25:48.060	4.620955	10.95863	45.48514
3/17/21 17:26:48.060	4.619529	10.96745	45.48843
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3/17/21 17:29:48.060	4.625829	10.97847	45.47388
3/17/21 17:30:48.060	4.625438	10.94762	45.47478
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3/17/21 17:32:48.060	4.624643	10.97626	45.47662
3/17/21 17:33:48.060	4.621218	10.93513	45.48453
3/17/21 17:34:48.060	4.621065	10.94983	45.48488
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3/17/21 17:57:48.060	4.629948	10.95645	45.46437
3/17/21 17:58:48.060	4.627824	10.94762	45.46928
3/17/21 17:59:48.060	4.627949	10.9792	45.46899
3/17/21 18:00:48.060	4.628732	10.96085	45.46718
3/17/21 18:01:48.060	4.627445	10.92926	45.47015
3/17/21 18:02:48.060	4.626372	10.95351	45.47263
3/17/21 18:03:48.060	4.627022	10.92633	45.47113
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3/17/21 18:09:48.060	4.626934	10.94176	45.47133
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3/17/21 18:11:48.060	4.627186	10.92926	45.47075
3/17/21 18:12:48.060	4.628026	10.96231	45.46881
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3/17/21 18:20:48.060	4.629485	10.98949	45.46544
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3/17/21 18:25:48.060	4.630826	10.94762	45.46234

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3/17/21 18:31:48.060	4.629284	10.96672	45.4659
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3/17/21 18:33:48.060	4.628518	10.97774	45.46767
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3/17/21 18:37:48.060	4.629357	10.96452	45.46574
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3/17/21 18:43:48.060	4.62665	10.97479	45.47198
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3/17/21 19:02:48.060	4.628203	10.96011	45.4684
3/17/21 19:03:48.060	4.628116	10.96965	45.4686
3/17/21 19:04:48.060	4.629966	10.95203	45.46433
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3/17/21 19:07:48.060	4.630449	10.94543	45.46321
3/17/21 19:08:48.060	4.628618	10.96452	45.46744
3/17/21 19:09:48.060	4.628518	10.95422	45.46767
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3/17/21 19:11:48.060	4.6304	10.96819	45.46333

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3/17/21 19:18:48.060	4.630031	10.95056	45.46418
3/17/21 19:19:48.060	4.634061	10.96158	45.45487
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3/17/21 19:22:48.060	4.634137	10.97701	45.4547
3/17/21 19:23:48.060	4.634038	10.97113	45.45493
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3/17/21 19:25:48.060	4.635365	10.94762	45.45187
3/17/21 19:26:48.060	4.632412	10.96892	45.45868
3/17/21 19:27:48.060	4.631843	10.96378	45.46
3/17/21 19:28:48.060	4.634953	10.98434	45.45282
3/17/21 19:29:48.060	4.630908	10.95497	45.46215
3/17/21 19:30:48.060	4.63288	10.94983	45.4576
3/17/21 19:31:48.060	4.632701	10.97701	45.45801
3/17/21 19:32:48.060	4.632764	10.95863	45.45787
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3/17/21 19:37:48.060	4.634937	10.95422	45.45285
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3/17/21 19:44:48.060	4.638066	10.96745	45.44563
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3/17/21 20:01:48.060	4.637549	10.96599	45.44682
3/17/21 20:02:48.060	4.637807	10.9792	45.44622
3/17/21 20:03:48.060	4.636843	10.98215	45.44845
3/17/21 20:04:48.060	4.63696	10.95276	45.44818
3/17/21 20:05:48.060	4.636977	10.96745	45.44814
3/17/21 20:06:48.060	4.638066	10.95645	45.44563
3/17/21 20:07:48.060	4.636793	10.95938	45.44857
3/17/21 20:08:48.060	4.635887	10.97333	45.45066
3/17/21 20:09:48.060	4.638445	10.94688	45.44475
3/17/21 20:10:48.060	4.63548	10.96378	45.4516
3/17/21 20:11:48.060	4.636301	10.93294	45.4497
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3/17/21 20:15:48.060	4.635665	10.97186	45.45117
3/17/21 20:16:48.060	4.635184	10.96085	45.45228
3/17/21 20:17:48.060	4.637601	10.9726	45.4467
3/17/21 20:18:48.060	4.637807	10.96085	45.44622
3/17/21 20:19:48.060	4.638412	10.96231	45.44483
3/17/21 20:20:48.060	4.639883	10.95351	45.44143
3/17/21 20:21:48.060	4.638605	10.95863	45.44438
3/17/21 20:22:48.060	4.638891	10.94983	45.44372
3/17/21 20:23:48.060	4.639138	10.97408	45.44315
3/17/21 20:24:48.060	4.640293	10.94469	45.44048
3/17/21 20:25:48.060	4.642891	10.93221	45.43449
3/17/21 20:26:48.060	4.637472	10.9726	45.447
3/17/21 20:27:48.060	4.638632	10.94469	45.44432
3/17/21 20:28:48.060	4.641085	10.99316	45.43866
3/17/21 20:29:48.060	4.641791	10.97554	45.43703
3/17/21 20:30:48.060	4.640804	10.96378	45.4393
3/17/21 20:31:48.060	4.639188	10.96745	45.44304
3/17/21 20:32:48.060	4.640278	10.98361	45.44052
3/17/21 20:33:48.060	4.639765	10.96524	45.4417
3/17/21 20:34:48.060	4.645359	10.97186	45.42879
3/17/21 20:35:48.060	4.645527	10.95203	45.4284
3/17/21 20:36:48.060	4.640722	10.96745	45.4395
3/17/21 20:37:48.060	4.643819	11.00565	45.43234
3/17/21 20:38:48.060	4.645163	10.93954	45.42924
3/17/21 20:39:48.060	4.645139	10.94688	45.42929
3/17/21 20:40:48.060	4.642512	10.94101	45.43536
3/17/21 20:41:48.060	4.64318	10.98656	45.43382
3/17/21 20:42:48.060	4.645311	10.97113	45.4289
3/17/21 20:43:48.060	4.646796	10.9557	45.42547

3/17/21 20:44:48.060	4.645425	10.97186	45.42863
3/17/21 20:45:48.060	4.643692	10.97333	45.43264
3/17/21 20:46:48.060	4.64697	10.94395	45.42507
3/17/21 20:47:48.060	4.644866	10.96306	45.42992
3/17/21 20:48:48.060	4.64207	10.94688	45.43638
3/17/21 20:49:48.060	4.643544	10.99463	45.43298
3/17/21 20:50:48.060	4.642828	10.95497	45.43463
3/17/21 20:51:48.060	4.645575	10.97038	45.42829
3/17/21 20:52:48.060	4.646482	10.95717	45.42619
3/17/21 20:53:48.060	4.644619	10.94176	45.4305
3/17/21 20:54:48.060	4.643622	10.93294	45.4328
3/17/21 20:55:48.060	4.645425	10.92705	45.42863
3/17/21 20:56:48.060	4.647107	10.95717	45.42475
3/17/21 20:57:48.060	4.645139	10.96158	45.42929
3/17/21 20:58:48.060	4.646605	10.97847	45.42591
3/17/21 20:59:48.060	4.644579	10.96672	45.43059
3/17/21 21:00:48.060	4.644485	10.95717	45.43081
3/17/21 21:01:48.060	4.645326	10.94615	45.42886
3/17/21 21:02:48.060	4.643412	10.95863	45.43328
3/17/21 21:03:48.060	4.646273	10.94762	45.42668
3/17/21 21:04:48.060	4.642272	10.96745	45.43592
3/17/21 21:05:48.060	4.645907	10.94836	45.42752
3/17/21 21:06:48.060	4.64564	10.95056	45.42814
3/17/21 21:07:48.060	4.645493	10.9726	45.42848
3/17/21 21:08:48.060	4.646764	10.94762	45.42554
3/17/21 21:09:48.060	4.645237	10.97186	45.42907
3/17/21 21:10:48.060	4.646258	10.96011	45.42671
3/17/21 21:11:48.060	4.648727	10.9792	45.42101
3/17/21 21:12:48.060	4.650483	10.96892	45.41695
3/17/21 21:13:48.060	4.648283	10.94395	45.42204
3/17/21 21:14:48.060	4.646778	10.9726	45.42551
3/17/21 21:15:48.060	4.645806	10.96672	45.42775
3/17/21 21:16:48.060	4.647628	10.9491	45.42355
3/17/21 21:17:48.060	4.647854	10.9579	45.42303
3/17/21 21:18:48.060	4.647434	10.93221	45.424
3/17/21 21:19:48.060	4.648295	10.98068	45.42201
3/17/21 21:20:48.060	4.649337	10.96306	45.4196
3/17/21 21:21:48.060	4.646335	10.96452	45.42654
3/17/21 21:22:48.060	4.646419	10.9792	45.42634
3/17/21 21:23:48.060	4.646593	10.93954	45.42594
3/17/21 21:24:48.060	4.646273	10.95351	45.42668
3/17/21 21:25:48.060	4.645871	10.96452	45.4276
3/17/21 21:26:48.060	4.646753	10.96231	45.42557
3/17/21 21:27:48.060	4.650085	10.99463	45.41788
3/17/21 21:28:48.060	4.649785	10.96306	45.41857
3/17/21 21:29:48.060	4.647384	10.95129	45.42411

3/17/21 21:30:48.060	4.65066	10.94469	45.41655
3/17/21 21:31:48.060	4.651731	10.98581	45.41407
3/17/21 21:32:48.060	4.652052	10.94836	45.41333
3/17/21 21:33:48.060	4.652828	10.98215	45.41154
3/17/21 21:34:48.060	4.652095	10.96158	45.41323
3/17/21 21:35:48.060	4.651557	10.98068	45.41447
3/17/21 21:36:48.060	4.652052	10.97626	45.41333
3/17/21 21:37:48.060	4.653671	10.98068	45.4096
3/17/21 21:38:48.060	4.651121	10.95056	45.41549
3/17/21 21:39:48.060	4.656061	10.94469	45.40408
3/17/21 21:40:48.060	4.650736	10.94249	45.41637
3/17/21 21:41:48.060	4.654463	10.95938	45.40777
3/17/21 21:42:48.060	4.650861	10.95717	45.41608
3/17/21 21:43:48.060	4.651279	10.96158	45.41512
3/17/21 21:44:48.060	4.651632	10.98508	45.4143
3/17/21 21:45:48.060	4.649642	10.98361	45.4189
3/17/21 21:46:48.060	4.651796	10.97479	45.41393
3/17/21 21:47:48.060	4.650703	10.96819	45.41645
3/17/21 21:48:48.060	4.651812	10.96599	45.41389
3/17/21 21:49:48.060	4.650212	10.96085	45.41758
3/17/21 21:50:48.060	4.65028	10.95717	45.41743
3/17/21 21:51:48.060	4.651812	10.9579	45.41389
3/17/21 21:52:48.060	4.649642	10.95497	45.4189
3/17/21 21:53:48.060	4.649758	10.97038	45.41863
3/17/21 21:54:48.060	4.648492	10.97554	45.42155
3/17/21 21:55:48.060	4.649735	10.96599	45.41868
3/17/21 21:56:48.060	4.651475	10.96085	45.41467
3/17/21 21:57:48.060	4.648123	10.96892	45.42241
3/17/21 21:58:48.060	4.650997	10.97626	45.41577
3/17/21 21:59:48.060	4.650577	10.94101	45.41674
3/17/21 22:00:48.060	4.650435	10.97993	45.41707
3/17/21 22:01:48.060	4.65206	10.96452	45.41331
3/17/21 22:02:48.060	4.652524	10.96892	45.41225
3/17/21 22:03:48.060	4.648628	10.94762	45.42124
3/17/21 22:04:48.060	4.651509	10.97993	45.41459
3/17/21 22:05:48.060	4.651164	10.98508	45.41539
3/17/21 22:06:48.060	4.648393	10.9557	45.42178
3/17/21 22:07:48.060	4.649452	10.94028	45.41934
3/17/21 22:08:48.060	4.65226	10.96231	45.41285
3/17/21 22:09:48.060	4.649155	10.98288	45.42002
3/17/21 22:10:48.060	4.650813	10.95497	45.41619
3/17/21 22:11:48.060	4.650232	10.98068	45.41754
3/17/21 22:12:48.060	4.649405	10.97113	45.41945
3/17/21 22:13:48.060	4.650861	10.97774	45.41608
3/17/21 22:14:48.060	4.653432	10.94469	45.41014
3/17/21 22:15:48.060	4.653175	10.9579	45.41074

3/17/21 22:16:48.060	4.653203	10.98215	45.41068
3/17/21 22:17:48.060	4.653306	10.96306	45.41044
3/17/21 22:18:48.060	4.655237	10.95203	45.40598
3/17/21 22:19:48.060	4.653671	10.94321	45.4096
3/17/21 22:20:48.060	4.65296	10.96306	45.41124
3/17/21 22:21:48.060	4.650861	10.93733	45.41608
3/17/21 22:22:48.060	4.65144	10.98068	45.41475
3/17/21 22:23:48.060	4.650674	10.94615	45.41652
3/17/21 22:24:48.060	4.650357	10.97993	45.41725
3/17/21 22:25:48.060	4.650232	10.96085	45.41754
3/17/21 22:26:48.060	4.651313	10.96378	45.41504
3/17/21 22:27:48.060	4.651229	10.95351	45.41523
3/17/21 22:28:48.060	4.648663	10.97701	45.42116
3/17/21 22:29:48.060	4.648333	10.97847	45.42192
3/17/21 22:30:48.060	4.649287	10.95645	45.41972
3/17/21 22:31:48.060	4.651277	10.96892	45.41512
3/17/21 22:32:48.060	4.648111	10.95497	45.42243
3/17/21 22:33:48.060	4.650182	10.97554	45.41765
3/17/21 22:34:48.060	4.649223	10.94983	45.41986
3/17/21 22:35:48.060	4.652144	10.95497	45.41312
3/17/21 22:36:48.060	4.653403	10.97479	45.41021
3/17/21 22:37:48.060	4.652045	10.96524	45.41335
3/17/21 22:38:48.060	4.651837	10.98656	45.41383
3/17/21 22:39:48.060	4.656344	10.94836	45.40342
3/17/21 22:40:48.060	4.656426	10.95717	45.40323
3/17/21 22:41:48.060	4.655792	10.95497	45.4047
3/17/21 22:42:48.060	4.655663	10.96672	45.40499
3/17/21 22:43:48.060	4.656878	10.97408	45.40219
3/17/21 22:44:48.060	4.656412	10.93367	45.40327
3/17/21 22:45:48.060	4.657369	10.97626	45.40106
3/17/21 22:46:48.060	4.65962	10.95422	45.39586
3/17/21 22:47:48.060	4.659669	10.96892	45.39575
3/17/21 22:48:48.060	4.655818	10.95938	45.40464
3/17/21 22:49:48.060	4.659779	10.96306	45.39549
3/17/21 22:50:48.060	4.655865	10.95938	45.40453
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3/17/21 22:52:48.060	4.659034	10.96378	45.39721
3/17/21 22:53:48.060	4.65679	10.96231	45.40239
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3/17/21 22:56:48.060	4.657135	10.98215	45.4016
3/17/21 22:57:48.060	4.65996	10.97774	45.39507
3/17/21 22:58:48.060	4.658212	10.97847	45.39911
3/17/21 22:59:48.060	4.65916	10.96158	45.39692
3/17/21 23:00:48.060	4.658212	10.9491	45.39911
3/17/21 23:01:48.060	4.65603	10.99316	45.40415

3/17/21 23:02:48.060	4.656443	10.99316	45.40319
3/17/21 23:03:48.060	4.654252	10.97554	45.40825
3/17/21 23:04:48.060	4.65532	10.98434	45.40579
3/17/21 23:05:48.060	4.657019	10.95129	45.40186
3/17/21 23:06:48.060	4.656426	10.96819	45.40323
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3/17/21 23:16:48.060	4.657312	10.97408	45.40119
3/17/21 23:17:48.060	4.658607	10.96158	45.3982
3/17/21 23:18:48.060	4.657902	10.96892	45.39983
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3/17/21 23:22:48.060	4.654713	10.95863	45.40719
3/17/21 23:23:48.060	4.656377	10.96452	45.40335
3/17/21 23:24:48.060	4.653256	10.96892	45.41055
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3/17/21 23:26:48.060	4.655598	10.97113	45.40515
3/17/21 23:27:48.060	4.655467	10.96672	45.40545
3/17/21 23:28:48.060	4.656463	10.97186	45.40315
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3/17/21 23:33:48.060	4.655792	10.96965	45.4047
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3/17/21 23:35:48.060	4.657197	10.94395	45.40145
3/17/21 23:36:48.060	4.656936	10.95938	45.40206
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3/17/21 23:38:48.060	4.658233	10.98361	45.39906
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3/17/21 23:40:48.060	4.659449	10.98949	45.39626
3/17/21 23:41:48.060	4.659449	10.95422	45.39626
3/17/21 23:42:48.060	4.658918	10.96524	45.39748
3/17/21 23:43:48.060	4.660639	10.96599	45.39351
3/17/21 23:44:48.060	4.661021	10.97701	45.39262
3/17/21 23:45:48.060	4.661536	10.96452	45.39144
3/17/21 23:46:48.060	4.658739	10.98802	45.3979
3/17/21 23:47:48.060	4.659818	10.97186	45.3954

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3/17/21 23:49:48.060	4.660674	10.97333	45.39342
3/17/21 23:50:48.060	4.661012	10.97113	45.39265
3/17/21 23:51:48.060	4.661824	10.97408	45.39077
3/17/21 23:52:48.060	4.658557	10.9792	45.39832
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3/17/21 23:54:48.060	4.659211	10.95351	45.3968
3/17/21 23:55:48.060	4.659991	10.97038	45.395
3/17/21 23:56:48.060	4.661337	10.96892	45.3919
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3/17/21 23:59:48.060	4.661536	10.96965	45.39144
3/18/21 0:00:48.060	4.660674	10.98508	45.39342
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3/18/21 0:03:48.060	4.662359	10.96452	45.38953
3/18/21 0:04:48.060	4.662271	10.99757	45.38974
3/18/21 0:05:48.060	4.661791	10.96085	45.39085
3/18/21 0:06:48.060	4.661405	10.96452	45.39174
3/18/21 0:07:48.060	4.662352	10.95056	45.38955
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3/18/21 0:09:48.060	4.665411	10.95351	45.38249
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3/18/21 0:11:48.060	4.663433	10.96524	45.38705
3/18/21 0:12:48.060	4.662093	10.97186	45.39015
3/18/21 0:13:48.060	4.662829	10.94688	45.38845
3/18/21 0:14:48.060	4.664007	10.96965	45.38573
3/18/21 0:15:48.060	4.661666	10.96452	45.39114
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3/18/21 0:17:48.060	4.663549	10.96452	45.38679
3/18/21 0:18:48.060	4.662997	10.95422	45.38806
3/18/21 0:19:48.060	4.662187	10.97774	45.38993
3/18/21 0:20:48.060	4.663549	10.94983	45.38679
3/18/21 0:21:48.060	4.662057	10.98581	45.39023
3/18/21 0:22:48.060	4.663752	10.95351	45.38632
3/18/21 0:23:48.060	4.663402	10.96378	45.38713
3/18/21 0:24:48.060	4.663304	10.99095	45.38735
3/18/21 0:25:48.060	4.663086	10.96306	45.38786
3/18/21 0:26:48.060	4.661791	11.00711	45.39085
3/18/21 0:27:48.060	4.6634	10.97774	45.38713
3/18/21 0:28:48.060	4.663725	10.98434	45.38638
3/18/21 0:29:48.060	4.663641	10.9579	45.38657
3/18/21 0:30:48.060	4.664589	10.95351	45.38439
3/18/21 0:31:48.060	4.664775	10.96452	45.38396
3/18/21 0:32:48.060	4.667019	10.95129	45.37878
3/18/21 0:33:48.060	4.664835	10.93294	45.38382

3/18/21 0:34:48.060	4.667901	10.96452	45.37674
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3/18/21 0:36:48.060	4.666963	10.96524	45.3789
3/18/21 0:37:48.060	4.666986	10.95129	45.37885
3/18/21 0:38:48.060	4.665484	10.98727	45.38232
3/18/21 0:39:48.060	4.666388	10.95203	45.38023
3/18/21 0:40:48.060	4.66872	10.9814	45.37485
3/18/21 0:41:48.060	4.66751	10.95276	45.37764
3/18/21 0:42:48.060	4.669651	10.99316	45.3727
3/18/21 0:43:48.060	4.664643	10.9557	45.38426
3/18/21 0:44:48.060	4.663811	10.98288	45.38618
3/18/21 0:45:48.060	4.665662	10.96231	45.38191
3/18/21 0:46:48.060	4.667597	10.94176	45.37744
3/18/21 0:47:48.060	4.666642	10.96306	45.37965
3/18/21 0:48:48.060	4.666823	10.95497	45.37923
3/18/21 0:49:48.060	4.664537	10.97701	45.38451
3/18/21 0:50:48.060	4.66795	10.95645	45.37663
3/18/21 0:51:48.060	4.666512	10.95203	45.37995
3/18/21 0:52:48.060	4.669067	10.96158	45.37405
3/18/21 0:53:48.060	4.669001	10.96158	45.3742
3/18/21 0:54:48.060	4.669207	10.98581	45.37372
3/18/21 0:55:48.060	4.668124	10.96672	45.37622
3/18/21 0:56:48.060	4.668441	10.98727	45.37549
3/18/21 0:57:48.060	4.667963	10.9579	45.37659
3/18/21 0:58:48.060	4.667245	10.98215	45.37825
3/18/21 0:59:48.060	4.66701	10.9726	45.3788
3/18/21 1:00:48.060	4.666321	10.97333	45.38039
3/18/21 1:01:48.060	4.667412	10.96306	45.37787
3/18/21 1:02:48.060	4.665749	10.97113	45.38171
3/18/21 1:03:48.060	4.666559	10.96306	45.37984
3/18/21 1:04:48.060	4.668671	10.98434	45.37496
3/18/21 1:05:48.060	4.668623	10.95276	45.37507
3/18/21 1:06:48.060	4.667196	10.95863	45.37836
3/18/21 1:07:48.060	4.669189	10.97554	45.37376
3/18/21 1:08:48.060	4.668408	10.9579	45.37557
3/18/21 1:09:48.060	4.670214	10.96965	45.3714
3/18/21 1:10:48.060	4.670877	10.96745	45.36987
3/18/21 1:11:48.060	4.670178	10.97186	45.37148
3/18/21 1:12:48.060	4.669239	10.97479	45.37365
3/18/21 1:13:48.060	4.670239	10.96011	45.37134
3/18/21 1:14:48.060	4.669116	10.97408	45.37393
3/18/21 1:15:48.060	4.668107	10.97333	45.37626
3/18/21 1:16:48.060	4.669482	10.94028	45.37309
3/18/21 1:17:48.060	4.669304	10.97186	45.3735
3/18/21 1:18:48.060	4.668952	10.96306	45.37431
3/18/21 1:19:48.060	4.6696	10.98802	45.37281

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3/18/21 1:21:48.060	4.668826	10.9726	45.3746
3/18/21 1:22:48.060	4.670478	10.95863	45.37079
3/18/21 1:23:48.060	4.669702	10.96452	45.37258
3/18/21 1:24:48.060	4.670437	10.95645	45.37088
3/18/21 1:25:48.060	4.67096	10.94762	45.36967
3/18/21 1:26:48.060	4.670674	10.96231	45.37033
3/18/21 1:27:48.060	4.672279	10.93147	45.36663
3/18/21 1:28:48.060	4.675503	10.97847	45.35919
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3/18/21 1:30:48.060	4.671395	10.95422	45.36867
3/18/21 1:31:48.060	4.67354	10.94836	45.36372
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3/18/21 1:33:48.060	4.671353	10.97186	45.36877
3/18/21 1:34:48.060	4.670911	10.95276	45.36979
3/18/21 1:35:48.060	4.672083	10.97626	45.36708
3/18/21 1:36:48.060	4.673119	10.9792	45.36469
3/18/21 1:37:48.060	4.67161	10.95056	45.36818
3/18/21 1:38:48.060	4.670828	10.96745	45.36998
3/18/21 1:39:48.060	4.669314	10.95351	45.37347
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3/18/21 1:42:48.060	4.670389	10.9726	45.37099
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3/18/21 1:45:48.060	4.669189	10.97186	45.37376
3/18/21 1:46:48.060	4.670003	10.95497	45.37188
3/18/21 1:47:48.060	4.66659	10.95129	45.37976
3/18/21 1:48:48.060	4.668317	10.9814	45.37578
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3/18/21 1:54:48.060	4.672194	10.9491	45.36683
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3/18/21 2:03:48.060	4.670478	10.98434	45.37079
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3/18/21 2:11:48.060	4.670901	10.96452	45.36981
3/18/21 2:12:48.060	4.670003	10.96085	45.37188
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3/18/21 2:16:48.060	4.671535	10.99536	45.36835
3/18/21 2:17:48.060	4.674472	10.97626	45.36156
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3/18/21 2:19:48.060	4.67372	10.95276	45.3633
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3/18/21 2:30:48.060	4.675141	10.98361	45.36002
3/18/21 2:31:48.060	4.676496	10.99463	45.35689
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3/18/21 2:33:48.060	4.676892	10.96011	45.35598
3/18/21 2:34:48.060	4.678425	10.97113	45.35244
3/18/21 2:35:48.060	4.677929	10.96599	45.35358
3/18/21 2:36:48.060	4.676828	10.96158	45.35612
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3/18/21 2:43:48.060	4.678004	10.97701	45.35341
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3/18/21 2:55:48.060	4.676449	10.97701	45.357
3/18/21 2:56:48.060	4.677871	10.98068	45.35372
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3/18/21 3:04:48.060	4.680289	10.96452	45.34813
3/18/21 3:05:48.060	4.678761	10.97993	45.35166
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3/18/21 3:07:48.060	4.681938	10.94762	45.34433
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3/18/21 3:55:48.060	4.68265	10.96672	45.34268
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3/18/21 3:58:48.060	4.684289	10.97038	45.3389
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3/18/21 4:04:48.060	4.684454	10.96965	45.33852
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3/18/21 4:13:48.060	4.68456	10.9792	45.33827
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3/18/21 4:59:48.060	4.686562	10.96231	45.33365
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3/18/21 5:02:48.060	4.687149	10.96819	45.33229
3/18/21 5:03:48.060	4.688043	10.97038	45.33023
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3/18/21 5:09:48.060	4.686957	10.93883	45.33274

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3/18/21 5:17:48.060	4.688364	10.95276	45.32949
3/18/21 5:18:48.060	4.690356	10.96672	45.32489
3/18/21 5:19:48.060	4.690476	10.99757	45.32461
3/18/21 5:20:48.060	4.688692	10.97038	45.32873
3/18/21 5:21:48.060	4.690719	10.98508	45.32405
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3/18/21 5:26:48.060	4.692075	10.96965	45.32092
3/18/21 5:27:48.060	4.689984	10.96892	45.32575
3/18/21 5:28:48.060	4.691669	10.98802	45.32186
3/18/21 5:29:48.060	4.688838	10.97186	45.3284
3/18/21 5:30:48.060	4.689921	10.96158	45.32589
3/18/21 5:31:48.060	4.690033	10.96306	45.32564
3/18/21 5:32:48.060	4.692319	10.94101	45.32036
3/18/21 5:33:48.060	4.690663	10.95276	45.32418
3/18/21 5:34:48.060	4.688948	10.96378	45.32814
3/18/21 5:35:48.060	4.690427	10.99388	45.32473
3/18/21 5:36:48.060	4.689113	10.95717	45.32776
3/18/21 5:37:48.060	4.688761	10.97847	45.32858
3/18/21 5:38:48.060	4.68934	10.9917	45.32724
3/18/21 5:39:48.060	4.687356	10.9726	45.33182
3/18/21 5:40:48.060	4.689217	10.96378	45.32752
3/18/21 5:41:48.060	4.688458	10.96158	45.32927
3/18/21 5:42:48.060	4.691069	10.94688	45.32325
3/18/21 5:43:48.060	4.688012	10.98068	45.3303
3/18/21 5:44:48.060	4.688918	10.96892	45.32821
3/18/21 5:45:48.060	4.692283	10.97038	45.32044
3/18/21 5:46:48.060	4.693808	10.95056	45.31692
3/18/21 5:47:48.060	4.691888	10.98802	45.32135
3/18/21 5:48:48.060	4.68972	10.96965	45.32636
3/18/21 5:49:48.060	4.690097	10.94688	45.32549
3/18/21 5:50:48.060	4.692688	10.97113	45.3195
3/18/21 5:51:48.060	4.689267	10.9792	45.32741
3/18/21 5:52:48.060	4.69184	10.97186	45.32146
3/18/21 5:53:48.060	4.692341	10.96524	45.32031
3/18/21 5:54:48.060	4.68938	10.97993	45.32714
3/18/21 5:55:48.060	4.6926	10.9792	45.31971

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3/18/21 5:57:48.060	4.688333	10.95938	45.32956
3/18/21 5:58:48.060	4.689542	10.98802	45.32677
3/18/21 5:59:48.060	4.6905	10.9579	45.32456
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3/18/21 6:11:48.060	4.6926	10.9814	45.31971
3/18/21 6:12:48.060	4.691574	10.96306	45.32208
3/18/21 6:13:48.060	4.693462	10.9726	45.31772
3/18/21 6:14:48.060	4.692671	10.95645	45.31955
3/18/21 6:15:48.060	4.692044	10.9814	45.321
3/18/21 6:16:48.060	4.692472	10.96745	45.32001
3/18/21 6:17:48.060	4.692539	10.97113	45.31985
3/18/21 6:18:48.060	4.6926	10.9792	45.31971
3/18/21 6:19:48.060	4.69348	11.00197	45.31768
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3/18/21 6:21:48.060	4.690621	10.96892	45.32428
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3/18/21 6:24:48.060	4.691972	10.98434	45.32116
3/18/21 6:25:48.060	4.689487	10.93147	45.3269
3/18/21 6:26:48.060	4.691503	10.97333	45.32224
3/18/21 6:27:48.060	4.691243	10.96378	45.32284
3/18/21 6:28:48.060	4.693593	10.98508	45.31742
3/18/21 6:29:48.060	4.691778	10.96452	45.32161
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3/18/21 6:31:48.060	4.693115	10.98215	45.31852
3/18/21 6:32:48.060	4.693428	10.9491	45.3178
3/18/21 6:33:48.060	4.694212	10.97774	45.31599
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3/18/21 6:35:48.060	4.692769	10.96965	45.31932
3/18/21 6:36:48.060	4.695233	10.97408	45.31363
3/18/21 6:37:48.060	4.697371	10.96378	45.30869
3/18/21 6:38:48.060	4.696233	10.97333	45.31132
3/18/21 6:39:48.060	4.693797	10.94688	45.31695
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3/18/21 6:47:48.060	4.694692	10.94836	45.31488
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3/18/21 6:49:48.060	4.696233	10.96306	45.31132
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3/18/21 6:57:48.060	4.695143	10.96819	45.31384
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3/18/21 7:03:48.060	4.695046	10.95422	45.31406
3/18/21 7:04:48.060	4.697163	10.98434	45.30917
3/18/21 7:05:48.060	4.698421	10.96672	45.30627
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3/18/21 7:07:48.060	4.700127	10.96892	45.30233
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3/18/21 7:22:48.060	4.697659	10.99022	45.30803
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3/18/21 7:27:48.060	4.697866	10.97479	45.30755

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3/18/21 7:36:48.060	4.696607	10.95717	45.31046
3/18/21 7:37:48.060	4.698204	10.96011	45.30677
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3/18/21 7:47:48.060	4.69814	10.95497	45.30692
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3/18/21 8:03:48.060	4.699459	10.94101	45.30387
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3/18/21 9:53:48.060	4.707464	10.97701	45.28539
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3/18/21 10:01:48.060	4.709199	10.96085	45.28138
3/18/21 10:02:48.060	4.709314	10.97113	45.28112
3/18/21 10:03:48.060	4.708101	10.97774	45.28392
3/18/21 10:04:48.060	4.708903	10.95717	45.28207
3/18/21 10:05:48.060	4.709537	10.92705	45.2806
3/18/21 10:06:48.060	4.70744	10.96745	45.28544
3/18/21 10:07:48.060	4.707672	10.95056	45.28491
3/18/21 10:08:48.060	4.708682	10.99388	45.28258
3/18/21 10:09:48.060	4.707869	10.9726	45.28445
3/18/21 10:10:48.060	4.70431	10.96158	45.29267
3/18/21 10:11:48.060	4.70669	10.96158	45.28717
3/18/21 10:12:48.060	4.708279	10.97113	45.28351
3/18/21 10:13:48.060	4.706717	10.96378	45.28711
3/18/21 10:14:48.060	4.705264	10.98068	45.29047
3/18/21 10:15:48.060	4.707513	10.97701	45.28527
3/18/21 10:16:48.060	4.705982	10.97408	45.28881
3/18/21 10:17:48.060	4.705812	10.93954	45.2892
3/18/21 10:18:48.060	4.707023	10.98434	45.28641
3/18/21 10:19:48.060	4.706594	10.95863	45.2874
3/18/21 10:20:48.060	4.70626	10.94688	45.28817
3/18/21 10:21:48.060	4.704088	10.9726	45.29319
3/18/21 10:22:48.060	4.709554	10.99095	45.28056
3/18/21 10:23:48.060	4.704753	10.97626	45.29165
3/18/21 10:24:48.060	4.70656	10.98288	45.28748
3/18/21 10:25:48.060	4.708392	10.96378	45.28325
3/18/21 10:26:48.060	4.706697	10.94615	45.28716
3/18/21 10:27:48.060	4.706047	10.97701	45.28866
3/18/21 10:28:48.060	4.705956	10.95645	45.28887
3/18/21 10:29:48.060	4.708742	10.97113	45.28244
3/18/21 10:30:48.060	4.705718	10.97479	45.28942
3/18/21 10:31:48.060	4.707933	10.97554	45.28431

3/18/21 10:32:48.060	4.707513	10.9344	45.28527
3/18/21 10:33:48.060	4.709584	10.93367	45.28049
3/18/21 10:34:48.060	4.709495	10.9792	45.2807
3/18/21 10:35:48.060	4.708535	10.96599	45.28292
3/18/21 10:36:48.060	4.707293	10.93883	45.28578
3/18/21 10:37:48.060	4.709379	10.9557	45.28097
3/18/21 10:38:48.060	4.707345	10.95717	45.28566
3/18/21 10:39:48.060	4.709345	10.97479	45.28104
3/18/21 10:40:48.060	4.709526	10.97993	45.28063
3/18/21 10:41:48.060	4.709957	10.96231	45.27963
3/18/21 10:42:48.060	4.706959	10.95276	45.28656
3/18/21 10:43:48.060	4.710195	10.9792	45.27908
3/18/21 10:44:48.060	4.709943	10.9491	45.27967
3/18/21 10:45:48.060	4.710321	10.96306	45.27879
3/18/21 10:46:48.060	4.710942	10.98508	45.27736
3/18/21 10:47:48.060	4.708742	10.95129	45.28244
3/18/21 10:48:48.060	4.711169	10.95351	45.27683
3/18/21 10:49:48.060	4.709864	10.95129	45.27985
3/18/21 10:50:48.060	4.710304	10.97626	45.27883
3/18/21 10:51:48.060	4.711484	10.99683	45.27611
3/18/21 10:52:48.060	4.709341	10.94762	45.28106
3/18/21 10:53:48.060	4.710063	10.98508	45.27939
3/18/21 10:54:48.060	4.710914	10.9726	45.27742
3/18/21 10:55:48.060	4.711484	10.96378	45.27611
3/18/21 10:56:48.060	4.712903	10.98068	45.27283
3/18/21 10:57:48.060	4.709694	10.97847	45.28024
3/18/21 10:58:48.060	4.710099	10.98288	45.2793
3/18/21 10:59:48.060	4.712176	10.95276	45.27451
3/18/21 11:00:48.060	4.712138	10.96672	45.2746
3/18/21 11:01:48.060	4.712364	10.94762	45.27407
3/18/21 11:02:48.060	4.710769	10.97113	45.27776
3/18/21 11:03:48.060	4.713144	10.98508	45.27227
3/18/21 11:04:48.060	4.714167	10.96524	45.26991
3/18/21 11:05:48.060	4.710623	10.97333	45.2781
3/18/21 11:06:48.060	4.713066	10.94615	45.27245
3/18/21 11:07:48.060	4.713415	10.9579	45.27165
3/18/21 11:08:48.060	4.715759	10.95422	45.26624
3/18/21 11:09:48.060	4.713492	10.94249	45.27147
3/18/21 11:10:48.060	4.712986	10.97408	45.27264
3/18/21 11:11:48.060	4.716021	10.97774	45.26563
3/18/21 11:12:48.060	4.713389	10.97333	45.27171
3/18/21 11:13:48.060	4.712064	10.97186	45.27477
3/18/21 11:14:48.060	4.714101	10.96231	45.27007
3/18/21 11:15:48.060	4.716495	10.97038	45.26454
3/18/21 11:16:48.060	4.713191	10.98656	45.27217
3/18/21 11:17:48.060	4.717147	10.95203	45.26303

3/18/21 11:18:48.060	4.714966	10.96599	45.26807
3/18/21 11:19:48.060	4.716021	10.92487	45.26563
3/18/21 11:20:48.060	4.715742	10.9344	45.26627
3/18/21 11:21:48.060	4.714053	10.97113	45.27018
3/18/21 11:22:48.060	4.71679	10.96672	45.26385
3/18/21 11:23:48.060	4.713987	10.97626	45.27033
3/18/21 11:24:48.060	4.713178	10.97774	45.2722
3/18/21 11:25:48.060	4.71391	10.95129	45.27051
3/18/21 11:26:48.060	4.712176	10.97038	45.27451
3/18/21 11:27:48.060	4.715549	10.95863	45.26672
3/18/21 11:28:48.060	4.715585	10.95717	45.26664
3/18/21 11:29:48.060	4.714034	10.97186	45.27022

Log Notes

2021-03-18 11:29:49.698 Stopped

Location Properties

Location Name = MW-12D

Location ID = 7d62a7a6-a936-4678-a333-25165d884ae0

Report Properties

Start Time = 2021-03-17 10:30:00.060

Duration = 1.01:02:48

Readings = 1600

Time Offset = -04:00:00

Instrument Properties

Device Model = Level TROLL 700

Device SN = 689788

Device Firmware = 3.06

Log Properties

Log Name = MW - 12D Shut Down

Log Type = Logarithmic

Log File Number = 3

Log ID = f03ad1e1-8277-58f1-98c4-82cec76f7d1e

Interval = 00:01:00

Date Time	Pressure (psi) (689788)	Temperature (°C) (689788)	Depth To Water (ft) (689788)
3/17/21 10:30:00.060	4.522729	10.71591	45.7746
3/17/21 10:30:00.311	4.520336	10.71152	45.78013
3/17/21 10:30:00.561	4.522003	10.73203	45.77628
3/17/21 10:30:00.811	4.521066	10.75694	45.77844
3/17/21 10:30:01.061	4.520697	10.76062	45.77929
3/17/21 10:30:01.311	4.523653	10.71591	45.77247
3/17/21 10:30:01.561	4.521504	10.73056	45.77743
3/17/21 10:30:01.811	4.521939	10.74376	45.77642
3/17/21 10:30:02.061	4.521732	10.74889	45.77691
3/17/21 10:30:02.311	4.520697	10.74962	45.77929
3/17/21 10:30:02.561	4.520605	10.73643	45.77951
3/17/21 10:30:02.811	4.520129	10.73935	45.78061
3/17/21 10:30:03.061	4.52234	10.74522	45.7755
3/17/21 10:30:03.311	4.521389	10.75475	45.77769
3/17/21 10:30:03.561	4.520377	10.74962	45.78003
3/17/21 10:30:03.811	4.521157	10.7269	45.77823
3/17/21 10:30:04.061	4.522705	10.7804	45.77466
3/17/21 10:30:04.311	4.521618	10.73643	45.77717
3/17/21 10:30:04.561	4.522226	10.76207	45.77576
3/17/21 10:30:04.811	4.52312	10.76062	45.7737
3/17/21 10:30:05.061	4.523158	10.77306	45.77361

3/17/21 10:30:05.311	4.52247	10.7628	45.7752
3/17/21 10:30:05.561	4.523808	10.76355	45.77211
3/17/21 10:30:05.811	4.521594	10.75987	45.77722
3/17/21 10:30:06.061	4.522591	10.76866	45.77492
3/17/21 10:30:06.421	4.526339	10.73424	45.76627
3/17/21 10:30:06.781	4.528777	10.7269	45.76064
3/17/21 10:30:07.201	4.529188	10.75841	45.75969
3/17/21 10:30:07.621	4.530605	10.71811	45.75642
3/17/21 10:30:08.041	4.536934	10.73715	45.7418
3/17/21 10:30:08.521	4.542507	10.73643	45.72894
3/17/21 10:30:09.061	4.548862	10.72765	45.71426
3/17/21 10:30:09.541	4.55551	10.74815	45.69891
3/17/21 10:30:10.141	4.565666	10.74449	45.67546
3/17/21 10:30:10.741	4.576129	10.75035	45.6513
3/17/21 10:30:11.341	4.57777	10.73863	45.64751
3/17/21 10:30:12.001	4.583891	10.75327	45.63338
3/17/21 10:30:12.720	4.58634	10.74962	45.62773
3/17/21 10:30:13.500	4.591056	10.7247	45.61684
3/17/21 10:30:14.281	4.591011	10.75255	45.61694
3/17/21 10:30:15.121	4.595619	10.72984	45.6063
3/17/21 10:30:16.020	4.600023	10.75841	45.59613
3/17/21 10:30:16.980	4.60178	10.7269	45.59208
3/17/21 10:30:17.940	4.604022	10.73424	45.5869
3/17/21 10:30:19.020	4.604957	10.75108	45.58474
3/17/21 10:30:20.161	4.604636	10.75841	45.58548
3/17/21 10:30:21.361	4.605107	10.74156	45.58439
3/17/21 10:30:22.621	4.606492	10.73424	45.5812
3/17/21 10:30:23.940	4.60358	10.71005	45.58792
3/17/21 10:30:25.381	4.604362	10.71811	45.58611
3/17/21 10:30:26.881	4.603511	10.74156	45.58808
3/17/21 10:30:28.440	4.605049	10.74594	45.58453
3/17/21 10:30:30.121	4.60106	10.7225	45.59374
3/17/21 10:30:31.920	4.596729	10.74156	45.60374
3/17/21 10:30:33.781	4.594862	10.72984	45.60805
3/17/21 10:30:35.821	4.589796	10.7225	45.61975
3/17/21 10:30:37.920	4.588311	10.71445	45.62318
3/17/21 10:30:40.140	4.589035	10.73863	45.62151
3/17/21 10:30:42.541	4.588348	10.73056	45.62309
3/17/21 10:30:45.060	4.589721	10.74376	45.61992
3/17/21 10:30:47.700	4.591234	10.72984	45.61643
3/17/21 10:30:50.520	4.588311	10.74594	45.62318
3/17/21 10:30:53.520	4.58775	10.73276	45.62447
3/17/21 10:30:56.700	4.588229	10.71518	45.62336
3/17/21 10:31:00.060	4.590836	10.73056	45.61734
3/17/21 10:31:03.660	4.591944	10.71884	45.61479
3/17/21 10:31:07.260	4.592417	10.73349	45.61369

3/17/21 10:31:11.460	4.58696	10.71591	45.62629
3/17/21 10:31:15.660	4.593575	10.73715	45.61102
3/17/21 10:31:19.860	4.59004	10.74228	45.61918
3/17/21 10:31:24.660	4.593877	10.71297	45.61032
3/17/21 10:31:30.060	4.5935	10.7247	45.61119
3/17/21 10:31:34.860	4.595108	10.70346	45.60748
3/17/21 10:31:40.860	4.594736	10.71297	45.60834
3/17/21 10:31:46.860	4.593746	10.71591	45.61063
3/17/21 10:31:52.860	4.594831	10.71591	45.60812
3/17/21 10:31:59.460	4.595978	10.71297	45.60547
3/17/21 10:32:06.660	4.598833	10.72105	45.59888
3/17/21 10:32:14.460	4.598029	10.72324	45.60074
3/17/21 10:32:22.260	4.599236	10.72984	45.59795
3/17/21 10:32:30.660	4.595253	10.69905	45.60715
3/17/21 10:32:39.660	4.599786	10.73349	45.59668
3/17/21 10:32:49.260	4.600908	10.71445	45.59409
3/17/21 10:32:58.860	4.599632	10.70271	45.59703
3/17/21 10:33:09.660	4.599471	10.71371	45.59741
3/17/21 10:33:21.060	4.599611	10.70493	45.59708
3/17/21 10:33:33.060	4.602566	10.72984	45.59026
3/17/21 10:33:45.660	4.601147	10.71297	45.59354
3/17/21 10:33:58.860	4.602067	10.72984	45.59142
3/17/21 10:34:13.260	4.602633	10.71005	45.59011
3/17/21 10:34:28.260	4.604188	10.70712	45.58651
3/17/21 10:34:43.860	4.606059	10.71005	45.5822
3/17/21 10:35:00.660	4.604873	10.68954	45.58493
3/17/21 10:35:18.660	4.60572	10.71884	45.58298
3/17/21 10:35:37.260	4.605752	10.70418	45.5829
3/17/21 10:35:57.660	4.606159	10.69833	45.58196
3/17/21 10:36:18.660	4.608213	10.71078	45.57722
3/17/21 10:36:40.860	4.60826	10.7093	45.57711
3/17/21 10:37:04.860	4.605928	10.71884	45.5825
3/17/21 10:37:30.060	4.606809	10.70566	45.58046
3/17/21 10:37:56.460	4.608633	10.70052	45.57625
3/17/21 10:38:24.660	4.608845	10.71591	45.57576
3/17/21 10:38:54.660	4.611885	10.68001	45.56874
3/17/21 10:39:26.460	4.609591	10.71371	45.57404
3/17/21 10:40:00.060	4.612328	10.71957	45.56772
3/17/21 10:40:36.060	4.611153	10.69319	45.57043
3/17/21 10:41:12.060	4.612684	10.7269	45.5669
3/17/21 10:41:54.060	4.611044	10.71297	45.57069
3/17/21 10:42:36.060	4.612092	10.69101	45.56827
3/17/21 10:43:18.060	4.610339	10.69467	45.57231
3/17/21 10:44:06.060	4.612684	10.67561	45.5669
3/17/21 10:45:00.060	4.615314	10.71371	45.56083
3/17/21 10:45:48.060	4.615975	10.71957	45.5593

3/17/21 10:46:48.060	4.616986	10.69685	45.55696
3/17/21 10:47:48.060	4.61896	10.70786	45.55241
3/17/21 10:48:48.060	4.614378	10.69246	45.56299
3/17/21 10:49:48.060	4.619184	10.70493	45.55189
3/17/21 10:50:48.060	4.618286	10.70418	45.55396
3/17/21 10:51:48.060	4.617374	10.68294	45.55607
3/17/21 10:52:48.060	4.623129	10.70271	45.54278
3/17/21 10:53:48.060	4.617293	10.70859	45.55626
3/17/21 10:54:48.060	4.619868	10.71664	45.55031
3/17/21 10:55:48.060	4.617083	10.73276	45.55674
3/17/21 10:56:48.060	4.619976	10.72765	45.55006
3/17/21 10:57:48.060	4.617721	10.71738	45.55527
3/17/21 10:58:48.060	4.618674	10.70859	45.55307
3/17/21 10:59:48.060	4.618396	10.70786	45.55371
3/17/21 11:00:48.060	4.619419	10.69394	45.55135
3/17/21 11:01:48.060	4.616808	10.72984	45.55738
3/17/21 11:02:48.060	4.621649	10.73131	45.5462
3/17/21 11:03:48.060	4.622335	10.70859	45.54461
3/17/21 11:04:48.060	4.622981	10.71371	45.54312
3/17/21 11:05:48.060	4.621038	10.71078	45.54761
3/17/21 11:06:48.060	4.621963	10.70786	45.54548
3/17/21 11:07:48.060	4.624304	10.72397	45.54007
3/17/21 11:08:48.060	4.623997	10.6976	45.54078
3/17/21 11:09:48.060	4.623525	10.69319	45.54187
3/17/21 11:10:48.060	4.626037	10.72105	45.53607
3/17/21 11:11:48.060	4.626651	10.702	45.53465
3/17/21 11:12:48.060	4.62407	10.70271	45.54061
3/17/21 11:13:48.060	4.624918	10.69467	45.53865
3/17/21 11:14:48.060	4.625703	10.69246	45.53684
3/17/21 11:15:48.060	4.628749	10.6976	45.5298
3/17/21 11:16:48.060	4.62804	10.7093	45.53144
3/17/21 11:17:48.060	4.628129	10.702	45.53124
3/17/21 11:18:48.060	4.63001	10.7225	45.52689
3/17/21 11:19:48.060	4.634484	10.69685	45.51656
3/17/21 11:20:48.060	4.629018	10.71884	45.52918
3/17/21 11:21:48.060	4.633461	10.702	45.51892
3/17/21 11:22:48.060	4.630543	10.7093	45.52566
3/17/21 11:23:48.060	4.630376	10.71005	45.52605
3/17/21 11:24:48.060	4.63233	10.70418	45.52153
3/17/21 11:25:48.060	4.632681	10.69467	45.52073
3/17/21 11:26:48.060	4.63336	10.71738	45.51916
3/17/21 11:27:48.060	4.631732	10.71371	45.52292
3/17/21 11:28:48.060	4.631018	10.7093	45.52457
3/17/21 11:29:48.060	4.634556	10.69173	45.5164
3/17/21 11:30:48.060	4.632306	10.71078	45.52159
3/17/21 11:31:48.060	4.634852	10.70346	45.51571

3/17/21 11:32:48.060	4.63452	10.67415	45.51648
3/17/21 11:33:48.060	4.636002	10.7247	45.51306
3/17/21 11:34:48.060	4.637853	10.71518	45.50879
3/17/21 11:35:48.060	4.637938	10.71225	45.50859
3/17/21 11:36:48.060	4.636879	10.71957	45.51103
3/17/21 11:37:48.060	4.638965	10.7291	45.50622
3/17/21 11:38:48.060	4.636002	10.70566	45.51306
3/17/21 11:39:48.060	4.638173	10.71445	45.50805
3/17/21 11:40:48.060	4.635931	10.71957	45.51322
3/17/21 11:41:48.060	4.639746	10.71811	45.50441
3/17/21 11:42:48.060	4.639757	10.6976	45.50439
3/17/21 11:43:48.060	4.638239	10.70126	45.50789
3/17/21 11:44:48.060	4.638646	10.69614	45.50695
3/17/21 11:45:48.060	4.639578	10.67195	45.5048
3/17/21 11:46:48.060	4.639193	10.69905	45.50569
3/17/21 11:47:48.060	4.639867	10.70859	45.50414
3/17/21 11:48:48.060	4.639674	10.70786	45.50458
3/17/21 11:49:48.060	4.639036	10.67488	45.50605
3/17/21 11:50:48.060	4.640384	10.69833	45.50294
3/17/21 11:51:48.060	4.640653	10.70638	45.50232
3/17/21 11:52:48.060	4.638846	10.71152	45.50649
3/17/21 11:53:48.060	4.638488	10.69467	45.50732
3/17/21 11:54:48.060	4.639182	10.71225	45.50572
3/17/21 11:55:48.060	4.637563	10.71152	45.50945
3/17/21 11:56:48.060	4.639394	10.69394	45.50523
3/17/21 11:57:48.060	4.63911	10.71078	45.50588
3/17/21 11:58:48.060	4.639874	10.6888	45.50412
3/17/21 11:59:48.060	4.642312	10.70493	45.49849
3/17/21 12:00:48.060	4.64185	10.6844	45.49955
3/17/21 12:01:48.060	4.639228	10.69539	45.50561
3/17/21 12:02:48.060	4.641263	10.70052	45.50091
3/17/21 12:03:48.060	4.643394	10.702	45.49599
3/17/21 12:04:48.060	4.642895	10.69026	45.49714
3/17/21 12:05:48.060	4.641393	10.73643	45.50061
3/17/21 12:06:48.060	4.641672	10.69467	45.49997
3/17/21 12:07:48.060	4.645245	10.69246	45.49171
3/17/21 12:08:48.060	4.645874	10.69905	45.49026
3/17/21 12:09:48.060	4.646884	10.72984	45.48793
3/17/21 12:10:48.060	4.644243	10.71518	45.49403
3/17/21 12:11:48.060	4.643358	10.6976	45.49607
3/17/21 12:12:48.060	4.647135	10.68658	45.48735
3/17/21 12:13:48.060	4.645441	10.702	45.49126
3/17/21 12:14:48.060	4.650584	10.72031	45.47939
3/17/21 12:15:48.060	4.648414	10.68147	45.4844
3/17/21 12:16:48.060	4.648234	10.70566	45.48481
3/17/21 12:17:48.060	4.64854	10.702	45.48411

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3/17/21 12:19:48.060	4.650142	10.71591	45.48041
3/17/21 12:20:48.060	4.651947	10.70052	45.47624
3/17/21 12:21:48.060	4.649378	10.70712	45.48217
3/17/21 12:22:48.060	4.65138	10.74742	45.47755
3/17/21 12:23:48.060	4.649406	10.71078	45.48211
3/17/21 12:24:48.060	4.653089	10.70859	45.47361
3/17/21 12:25:48.060	4.651582	10.71591	45.47709
3/17/21 12:26:48.060	4.650523	10.73715	45.47953
3/17/21 12:27:48.060	4.647912	10.71664	45.48556
3/17/21 12:28:48.060	4.650138	10.69173	45.48042
3/17/21 12:29:48.060	4.649635	10.73935	45.48158
3/17/21 12:30:48.060	4.650371	10.69026	45.47988
3/17/21 12:31:48.060	4.651301	10.68658	45.47773
3/17/21 12:32:48.060	4.652247	10.73497	45.47555
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3/17/21 12:34:48.060	4.653015	10.71664	45.47377
3/17/21 12:35:48.060	4.651265	10.7225	45.47782
3/17/21 12:36:48.060	4.6495	10.72177	45.48189
3/17/21 12:37:48.060	4.650408	10.68658	45.4798
3/17/21 12:38:48.060	4.650932	10.71664	45.47858
3/17/21 12:39:48.060	4.651392	10.71297	45.47752
3/17/21 12:40:48.060	4.650799	10.70566	45.47889
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3/17/21 12:42:48.060	4.6536	10.71957	45.47242
3/17/21 12:43:48.060	4.653633	10.71738	45.47235
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3/17/21 12:47:48.060	4.652454	10.70712	45.47507
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3/17/21 12:53:48.060	4.656502	10.71225	45.46572
3/17/21 12:54:48.060	4.65764	10.73349	45.4631
3/17/21 12:55:48.060	4.658068	10.70566	45.46211
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3/17/21 12:58:48.060	4.656991	10.72105	45.4646
3/17/21 12:59:48.060	4.656612	10.73497	45.46547
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3/17/21 13:02:48.060	4.659746	10.71811	45.45823
3/17/21 13:03:48.060	4.658933	10.73203	45.46011

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3/17/21 13:05:48.060	4.660943	10.73424	45.45547
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3/17/21 13:07:48.060	4.659236	10.73056	45.45941
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3/17/21 13:09:48.060	4.659122	10.7291	45.45967
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3/17/21 13:11:48.060	4.658697	10.71078	45.46066
3/17/21 13:12:48.060	4.664186	10.6976	45.44798
3/17/21 13:13:48.060	4.662014	10.69246	45.453
3/17/21 13:14:48.060	4.662139	10.70638	45.45271
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3/17/21 13:17:48.060	4.660324	10.67488	45.4569
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3/17/21 13:19:48.060	4.663709	10.75475	45.44908
3/17/21 13:20:48.060	4.66036	10.7269	45.45682
3/17/21 13:21:48.060	4.663648	10.70271	45.44923
3/17/21 13:22:48.060	4.661171	10.7225	45.45494
3/17/21 13:23:48.060	4.66575	10.72105	45.44437
3/17/21 13:24:48.060	4.662905	10.71005	45.45094
3/17/21 13:25:48.060	4.66493	10.69394	45.44627
3/17/21 13:26:48.060	4.664658	10.71445	45.44689
3/17/21 13:27:48.060	4.667284	10.69833	45.44083
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3/17/21 13:29:48.060	4.666425	10.71152	45.44281
3/17/21 13:30:48.060	4.666499	10.72984	45.44264
3/17/21 13:31:48.060	4.664187	10.72543	45.44798
3/17/21 13:32:48.060	4.668527	10.72765	45.43796
3/17/21 13:33:48.060	4.667108	10.69905	45.44123
3/17/21 13:34:48.060	4.668117	10.68954	45.43891
3/17/21 13:35:48.060	4.670298	10.71664	45.43387
3/17/21 13:36:48.060	4.672225	10.69685	45.42942
3/17/21 13:37:48.060	4.669506	10.70346	45.4357
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3/17/21 13:43:48.060	4.670226	10.73276	45.43404
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3/17/21 13:47:48.060	4.669078	10.72177	45.43669
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3/17/21 14:16:48.060	4.681514	10.70638	45.40797
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3/17/21 14:19:48.060	4.678195	10.73863	45.41563
3/17/21 14:20:48.060	4.67934	10.71297	45.41299
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3/17/21 14:24:48.060	4.682362	10.71225	45.40601
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3/17/21 14:42:48.060	4.67934	10.70346	45.41299
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3/17/21 15:02:48.060	4.685256	10.69978	45.39933
3/17/21 15:03:48.060	4.6878	10.71445	45.39346
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3/17/21 15:20:48.060	4.688877	10.73715	45.39097
3/17/21 15:21:48.060	4.688877	10.69614	45.39097

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3/17/21 15:35:48.060	4.688204	10.71371	45.39252
3/17/21 15:36:48.060	4.694718	10.7247	45.37748
3/17/21 15:37:48.060	4.69162	10.71591	45.38464
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3/17/21 15:58:48.060	4.693603	10.69905	45.38006
3/17/21 15:59:48.060	4.692243	10.7247	45.3832
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3/17/21 16:01:48.060	4.693628	10.71297	45.38
3/17/21 16:02:48.060	4.693401	10.702	45.38053
3/17/21 16:03:48.060	4.689033	10.72765	45.39061
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3/17/21 16:05:48.060	4.689761	10.72177	45.38893
3/17/21 16:06:48.060	4.690596	10.71811	45.387
3/17/21 16:07:48.060	4.692354	10.71811	45.38294

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3/17/21 16:10:48.060	4.691325	10.69833	45.38532
3/17/21 16:11:48.060	4.692364	10.69026	45.38292
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3/17/21 16:13:48.060	4.694505	10.73424	45.37798
3/17/21 16:14:48.060	4.689857	10.73349	45.38871
3/17/21 16:15:48.060	4.692754	10.71371	45.38202
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3/17/21 16:18:48.060	4.693165	10.71811	45.38107
3/17/21 16:19:48.060	4.690843	10.71884	45.38643
3/17/21 16:20:48.060	4.694134	10.72324	45.37883
3/17/21 16:21:48.060	4.693366	10.73276	45.38061
3/17/21 16:22:48.060	4.693253	10.7247	45.38087
3/17/21 16:23:48.060	4.695527	10.72105	45.37562
3/17/21 16:24:48.060	4.692364	10.72105	45.38292
3/17/21 16:25:48.060	4.691965	10.72031	45.38384
3/17/21 16:26:48.060	4.692038	10.74815	45.38367
3/17/21 16:27:48.060	4.691454	10.70786	45.38502
3/17/21 16:28:48.060	4.693833	10.70346	45.37953
3/17/21 16:29:48.060	4.694137	10.70346	45.37883
3/17/21 16:30:48.060	4.692879	10.71297	45.38173
3/17/21 16:31:48.060	4.692879	10.69685	45.38173
3/17/21 16:32:48.060	4.693185	10.71445	45.38102
3/17/21 16:33:48.060	4.692294	10.7247	45.38308
3/17/21 16:34:48.060	4.692132	10.70493	45.38345
3/17/21 16:35:48.060	4.69447	10.7247	45.37806
3/17/21 16:36:48.060	4.694541	10.69833	45.37789
3/17/21 16:37:48.060	4.689321	10.67781	45.38995
3/17/21 16:38:48.060	4.692843	10.71884	45.38181
3/17/21 16:39:48.060	4.697109	10.71884	45.37196
3/17/21 16:40:48.060	4.695807	10.71884	45.37497
3/17/21 16:41:48.060	4.692912	10.71738	45.38166
3/17/21 16:42:48.060	4.692947	10.71078	45.38157
3/17/21 16:43:48.060	4.69333	10.72105	45.38069
3/17/21 16:44:48.060	4.694302	10.73131	45.37844
3/17/21 16:45:48.060	4.693763	10.69101	45.37969
3/17/21 16:46:48.060	4.69441	10.72984	45.3782
3/17/21 16:47:48.060	4.693798	10.70712	45.37961
3/17/21 16:48:48.060	4.694843	10.67342	45.3772
3/17/21 16:49:48.060	4.697146	10.70786	45.37188
3/17/21 16:50:48.060	4.692873	10.70786	45.38174
3/17/21 16:51:48.060	4.694377	10.71445	45.37827
3/17/21 16:52:48.060	4.695256	10.70566	45.37624
3/17/21 16:53:48.060	4.697258	10.70418	45.37162

3/17/21 16:54:48.060	4.695487	10.73643	45.37571
3/17/21 16:55:48.060	4.695079	10.71371	45.37665
3/17/21 16:56:48.060	4.692588	10.7225	45.3824
3/17/21 16:57:48.060	4.695871	10.74083	45.37482
3/17/21 16:58:48.060	4.696883	10.7291	45.37249
3/17/21 16:59:48.060	4.696514	10.73863	45.37334
3/17/21 17:00:48.060	4.696952	10.73935	45.37233
3/17/21 17:01:48.060	4.69718	10.72177	45.3718
3/17/21 17:02:48.060	4.696427	10.71005	45.37354
3/17/21 17:03:48.060	4.695807	10.72105	45.37497
3/17/21 17:04:48.060	4.694678	10.71884	45.37757
3/17/21 17:05:48.060	4.698039	10.70493	45.36982
3/17/21 17:06:48.060	4.69614	10.70712	45.3742
3/17/21 17:07:48.060	4.697054	10.73569	45.37209
3/17/21 17:08:48.060	4.698722	10.72177	45.36824
3/17/21 17:09:48.060	4.699724	10.72836	45.36593
3/17/21 17:10:48.060	4.697872	10.70859	45.3702
3/17/21 17:11:48.060	4.700988	10.73935	45.36301
3/17/21 17:12:48.060	4.701435	10.7225	45.36198
3/17/21 17:13:48.060	4.702751	10.71738	45.35894
3/17/21 17:14:48.060	4.702887	10.7401	45.35862
3/17/21 17:15:48.060	4.698605	10.71445	45.36851
3/17/21 17:16:48.060	4.69953	10.6976	45.36637
3/17/21 17:17:48.060	4.70299	10.7225	45.35839
3/17/21 17:18:48.060	4.701868	10.73643	45.36098
3/17/21 17:19:48.060	4.702681	10.73863	45.3591
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3/17/21 17:21:48.060	4.705395	10.73863	45.35283
3/17/21 17:22:48.060	4.704446	10.73131	45.35502
3/17/21 17:23:48.060	4.702573	10.72105	45.35935
3/17/21 17:24:48.060	4.703014	10.72543	45.35833
3/17/21 17:25:48.060	4.70438	10.72031	45.35518
3/17/21 17:26:48.060	4.705192	10.72617	45.3533
3/17/21 17:27:48.060	4.703633	10.71591	45.3569
3/17/21 17:28:48.060	4.704539	10.75182	45.35481
3/17/21 17:29:48.060	4.706934	10.72836	45.34928
3/17/21 17:30:48.060	4.707321	10.7269	45.34838
3/17/21 17:31:48.060	4.707596	10.71078	45.34775
3/17/21 17:32:48.060	4.704714	10.69905	45.3544
3/17/21 17:33:48.060	4.70455	10.72543	45.35478
3/17/21 17:34:48.060	4.703599	10.72543	45.35698
3/17/21 17:35:48.060	4.703732	10.72397	45.35667
3/17/21 17:36:48.060	4.705923	10.74156	45.35161
3/17/21 17:37:48.060	4.706315	10.72324	45.35071
3/17/21 17:38:48.060	4.70635	10.73424	45.35063
3/17/21 17:39:48.060	4.704947	10.72324	45.35387

3/17/21 17:40:48.060	4.703938	10.70566	45.3562
3/17/21 17:41:48.060	4.704212	10.74228	45.35556
3/17/21 17:42:48.060	4.70459	10.73276	45.35469
3/17/21 17:43:48.060	4.709098	10.70712	45.34428
3/17/21 17:44:48.060	4.70348	10.6976	45.35725
3/17/21 17:45:48.060	4.704749	10.73935	45.35432
3/17/21 17:46:48.060	4.706583	10.70638	45.35009
3/17/21 17:47:48.060	4.705296	10.7247	45.35306
3/17/21 17:48:48.060	4.708827	10.72031	45.34491
3/17/21 17:49:48.060	4.708015	10.72543	45.34678
3/17/21 17:50:48.060	4.70666	10.72105	45.34991
3/17/21 17:51:48.060	4.706729	10.71152	45.34975
3/17/21 17:52:48.060	4.70475	10.72984	45.35432
3/17/21 17:53:48.060	4.707735	10.71884	45.34743
3/17/21 17:54:48.060	4.706281	10.71445	45.35079
3/17/21 17:55:48.060	4.706764	10.72105	45.34967
3/17/21 17:56:48.060	4.70832	10.74376	45.34608
3/17/21 17:57:48.060	4.708049	10.73131	45.3467
3/17/21 17:58:48.060	4.706729	10.69905	45.34975
3/17/21 17:59:48.060	4.709802	10.70493	45.34266
3/17/21 18:00:48.060	4.706959	10.72397	45.34922
3/17/21 18:01:48.060	4.708862	10.72765	45.34483
3/17/21 18:02:48.060	4.707121	10.6888	45.34885
3/17/21 18:03:48.060	4.707943	10.71884	45.34695
3/17/21 18:04:48.060	4.709115	10.7225	45.34424
3/17/21 18:05:48.060	4.707699	10.72031	45.34751
3/17/21 18:06:48.060	4.70798	10.69394	45.34686
3/17/21 18:07:48.060	4.708076	10.72397	45.34664
3/17/21 18:08:48.060	4.708458	10.73276	45.34576
3/17/21 18:09:48.060	4.706117	10.7247	45.35117
3/17/21 18:10:48.060	4.70798	10.73715	45.34686
3/17/21 18:11:48.060	4.708959	10.71738	45.3446
3/17/21 18:12:48.060	4.709302	10.7269	45.34381
3/17/21 18:13:48.060	4.706479	10.71371	45.35033
3/17/21 18:14:48.060	4.709422	10.7247	45.34353
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3/17/21 18:16:48.060	4.707834	10.6976	45.3472
3/17/21 18:17:48.060	4.709836	10.71005	45.34258
3/17/21 18:18:48.060	4.709329	10.7269	45.34375
3/17/21 18:19:48.060	4.709607	10.72105	45.34311
3/17/21 18:20:48.060	4.710623	10.69246	45.34076
3/17/21 18:21:48.060	4.708184	10.69905	45.34639
3/17/21 18:22:48.060	4.709893	10.71371	45.34245
3/17/21 18:23:48.060	4.710751	10.71445	45.34047
3/17/21 18:24:48.060	4.708882	10.68074	45.34478
3/17/21 18:25:48.060	4.711193	10.72984	45.33944

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3/17/21 18:27:48.060	4.710561	10.70786	45.3409
3/17/21 18:28:48.060	4.712029	10.73569	45.33751
3/17/21 18:29:48.060	4.71147	10.71005	45.33881
3/17/21 18:30:48.060	4.71101	10.71445	45.33987
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3/17/21 18:32:48.060	4.709928	10.7247	45.34237
3/17/21 18:33:48.060	4.709802	10.6976	45.34266
3/17/21 18:34:48.060	4.708149	10.70712	45.34647
3/17/21 18:35:48.060	4.708625	10.7269	45.34538
3/17/21 18:36:48.060	4.71181	10.70786	45.33802
3/17/21 18:37:48.060	4.711104	10.71445	45.33965
3/17/21 18:38:48.060	4.709095	10.70346	45.34429
3/17/21 18:39:48.060	4.71174	10.73349	45.33818
3/17/21 18:40:48.060	4.710658	10.7093	45.34068
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3/17/21 18:42:48.060	4.711141	10.71884	45.33957
3/17/21 18:43:48.060	4.707665	10.74889	45.34759
3/17/21 18:44:48.060	4.709099	10.72984	45.34428
3/17/21 18:45:48.060	4.709352	10.72765	45.34369
3/17/21 18:46:48.060	4.709672	10.73131	45.34296
3/17/21 18:47:48.060	4.710623	10.73715	45.34076
3/17/21 18:48:48.060	4.709961	10.7291	45.34229
3/17/21 18:49:48.060	4.711333	10.7269	45.33912
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3/17/21 18:51:48.060	4.70822	10.70271	45.34631
3/17/21 18:52:48.060	4.709422	10.69978	45.34353
3/17/21 18:53:48.060	4.708145	10.72177	45.34648
3/17/21 18:54:48.060	4.707631	10.73276	45.34767
3/17/21 18:55:48.060	4.70915	10.72984	45.34416
3/17/21 18:56:48.060	4.709363	10.74815	45.34367
3/17/21 18:57:48.060	4.705495	10.7247	45.3526
3/17/21 18:58:48.060	4.709606	10.73131	45.34311
3/17/21 18:59:48.060	4.707221	10.69173	45.34862
3/17/21 19:00:48.060	4.706864	10.71297	45.34944
3/17/21 19:01:48.060	4.710459	10.71225	45.34114
3/17/21 19:02:48.060	4.707331	10.70712	45.34836
3/17/21 19:03:48.060	4.707287	10.70052	45.34846
3/17/21 19:04:48.060	4.707943	10.72397	45.34695
3/17/21 19:05:48.060	4.712879	10.7269	45.33555
3/17/21 19:06:48.060	4.709606	10.72397	45.34311
3/17/21 19:07:48.060	4.707672	10.71152	45.34757
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3/17/21 19:11:48.060	4.7114	10.68147	45.33897

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3/17/21 19:17:48.060	4.713022	10.70126	45.33522
3/17/21 19:18:48.060	4.711776	10.69978	45.3381
3/17/21 19:19:48.060	4.713703	10.7093	45.33365
3/17/21 19:20:48.060	4.71425	10.69394	45.33239
3/17/21 19:21:48.060	4.71462	10.70418	45.33153
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3/17/21 19:23:48.060	4.713815	10.71297	45.33339
3/17/21 19:24:48.060	4.714323	10.73056	45.33222
3/17/21 19:25:48.060	4.711122	10.71152	45.33961
3/17/21 19:26:48.060	4.713124	10.70786	45.33498
3/17/21 19:27:48.060	4.712655	10.71884	45.33607
3/17/21 19:28:48.060	4.708827	10.71297	45.34491
3/17/21 19:29:48.060	4.712285	10.69101	45.33692
3/17/21 19:30:48.060	4.71394	10.72397	45.3331
3/17/21 19:31:48.060	4.712353	10.68367	45.33677
3/17/21 19:32:48.060	4.713773	10.68074	45.33349
3/17/21 19:33:48.060	4.712874	10.72984	45.33556
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3/17/21 19:35:48.060	4.711867	10.70638	45.33789
3/17/21 19:36:48.060	4.714897	10.70712	45.33089
3/17/21 19:37:48.060	4.715807	10.70859	45.32879
3/17/21 19:38:48.060	4.711122	10.70566	45.33961
3/17/21 19:39:48.060	4.713326	10.71297	45.33452
3/17/21 19:40:48.060	4.71517	10.71005	45.33026
3/17/21 19:41:48.060	4.713465	10.67342	45.3342
3/17/21 19:42:48.060	4.71269	10.70052	45.33599
3/17/21 19:43:48.060	4.717344	10.7379	45.32524
3/17/21 19:44:48.060	4.714989	10.71957	45.33068
3/17/21 19:45:48.060	4.716274	10.71957	45.32771
3/17/21 19:46:48.060	4.71462	10.72765	45.33153
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3/17/21 19:48:48.060	4.716152	10.71297	45.328
3/17/21 19:49:48.060	4.717	10.72836	45.32603
3/17/21 19:50:48.060	4.71524	10.70493	45.3301
3/17/21 19:51:48.060	4.716767	10.70271	45.32658
3/17/21 19:52:48.060	4.71554	10.73349	45.32941
3/17/21 19:53:48.060	4.717267	10.69905	45.32542
3/17/21 19:54:48.060	4.716152	10.74522	45.328
3/17/21 19:55:48.060	4.715979	10.69833	45.32839
3/17/21 19:56:48.060	4.717402	10.71591	45.32511
3/17/21 19:57:48.060	4.717166	10.69394	45.32565

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3/17/21 20:00:48.060	4.717614	10.70712	45.32462
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3/17/21 20:02:48.060	4.715226	10.70493	45.33013
3/17/21 20:03:48.060	4.717504	10.7291	45.32487
3/17/21 20:04:48.060	4.716419	10.71591	45.32738
3/17/21 20:05:48.060	4.717134	10.71445	45.32573
3/17/21 20:06:48.060	4.717065	10.68954	45.32589
3/17/21 20:07:48.060	4.716116	10.702	45.32808
3/17/21 20:08:48.060	4.716588	10.69833	45.32699
3/17/21 20:09:48.060	4.714713	10.72105	45.33132
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3/17/21 20:13:48.060	4.71524	10.71297	45.3301
3/17/21 20:14:48.060	4.71707	10.69614	45.32587
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3/17/21 20:16:48.060	4.716085	10.7247	45.32815
3/17/21 20:17:48.060	4.717065	10.73056	45.32589
3/17/21 20:18:48.060	4.715101	10.69101	45.33042
3/17/21 20:19:48.060	4.719937	10.71152	45.31926
3/17/21 20:20:48.060	4.716658	10.72105	45.32682
3/17/21 20:21:48.060	4.716786	10.70786	45.32653
3/17/21 20:22:48.060	4.719202	10.70418	45.32095
3/17/21 20:23:48.060	4.718758	10.71371	45.32198
3/17/21 20:24:48.060	4.717614	10.69833	45.32462
3/17/21 20:25:48.060	4.719669	10.70786	45.31987
3/17/21 20:26:48.060	4.718132	10.71225	45.32343
3/17/21 20:27:48.060	4.717231	10.69905	45.3255
3/17/21 20:28:48.060	4.717678	10.70638	45.32447
3/17/21 20:29:48.060	4.721469	10.68954	45.31572
3/17/21 20:30:48.060	4.719937	10.72984	45.31926
3/17/21 20:31:48.060	4.717914	10.69394	45.32393
3/17/21 20:32:48.060	4.719715	10.74449	45.31977
3/17/21 20:33:48.060	4.719373	10.71371	45.32056
3/17/21 20:34:48.060	4.717938	10.70712	45.32387
3/17/21 20:35:48.060	4.7229	10.71297	45.31241
3/17/21 20:36:48.060	4.722005	10.73131	45.31448
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3/17/21 20:38:48.060	4.724424	10.73863	45.3089
3/17/21 20:39:48.060	4.721752	10.71884	45.31506
3/17/21 20:40:48.060	4.724219	10.71005	45.30937
3/17/21 20:41:48.060	4.721635	10.69614	45.31533
3/17/21 20:42:48.060	4.723553	10.70346	45.31091
3/17/21 20:43:48.060	4.722155	10.71884	45.31413

3/17/21 20:44:48.060	4.722725	10.71445	45.31282
3/17/21 20:45:48.060	4.724087	10.71957	45.30967
3/17/21 20:46:48.060	4.722967	10.69833	45.31226
3/17/21 20:47:48.060	4.722154	10.71297	45.31414
3/17/21 20:48:48.060	4.72063	10.68221	45.31765
3/17/21 20:49:48.060	4.723405	10.72397	45.31124
3/17/21 20:50:48.060	4.722692	10.70638	45.31289
3/17/21 20:51:48.060	4.722866	10.72105	45.31249
3/17/21 20:52:48.060	4.725309	10.69467	45.30685
3/17/21 20:53:48.060	4.726391	10.71811	45.30435
3/17/21 20:54:48.060	4.721573	10.7247	45.31548
3/17/21 20:55:48.060	4.72133	10.71811	45.31604
3/17/21 20:56:48.060	4.722255	10.71297	45.3139
3/17/21 20:57:48.060	4.72076	10.69173	45.31736
3/17/21 20:58:48.060	4.725104	10.70052	45.30732
3/17/21 20:59:48.060	4.722248	10.71957	45.31392
3/17/21 21:00:48.060	4.726251	10.71005	45.30468
3/17/21 21:01:48.060	4.721742	10.70859	45.31509
3/17/21 21:02:48.060	4.723874	10.71591	45.31017
3/17/21 21:03:48.060	4.724689	10.6976	45.30828
3/17/21 21:04:48.060	4.721773	10.71664	45.31502
3/17/21 21:05:48.060	4.72185	10.74083	45.31484
3/17/21 21:06:48.060	4.723943	10.72397	45.31001
3/17/21 21:07:48.060	4.722933	10.71152	45.31234
3/17/21 21:08:48.060	4.725893	10.7093	45.3055
3/17/21 21:09:48.060	4.723551	10.7225	45.31091
3/17/21 21:10:48.060	4.722221	10.70638	45.31398
3/17/21 21:11:48.060	4.723069	10.70786	45.31202
3/17/21 21:12:48.060	4.723656	10.71152	45.31067
3/17/21 21:13:48.060	4.725199	10.702	45.30711
3/17/21 21:14:48.060	4.725818	10.7093	45.30568
3/17/21 21:15:48.060	4.724424	10.71152	45.3089
3/17/21 21:16:48.060	4.725708	10.71811	45.30593
3/17/21 21:17:48.060	4.726827	10.7093	45.30335
3/17/21 21:18:48.060	4.725926	10.70052	45.30542
3/17/21 21:19:48.060	4.72428	10.68658	45.30923
3/17/21 21:20:48.060	4.72428	10.7093	45.30923
3/17/21 21:21:48.060	4.724723	10.70346	45.3082
3/17/21 21:22:48.060	4.726998	10.70126	45.30295
3/17/21 21:23:48.060	4.725744	10.70566	45.30585
3/17/21 21:24:48.060	4.723001	10.69833	45.31218
3/17/21 21:25:48.060	4.723484	10.71371	45.31107
3/17/21 21:26:48.060	4.723622	10.73569	45.31075
3/17/21 21:27:48.060	4.725069	10.69685	45.30741
3/17/21 21:28:48.060	4.726998	10.71738	45.30295
3/17/21 21:29:48.060	4.72551	10.70493	45.30639

3/17/21 21:30:48.060	4.726964	10.71297	45.30303
3/17/21 21:31:48.060	4.727581	10.72031	45.30161
3/17/21 21:32:48.060	4.727545	10.71225	45.30169
3/17/21 21:33:48.060	4.728152	10.70346	45.30029
3/17/21 21:34:48.060	4.730224	10.71225	45.2955
3/17/21 21:35:48.060	4.729604	10.7247	45.29693
3/17/21 21:36:48.060	4.72693	10.67635	45.30311
3/17/21 21:37:48.060	4.730156	10.71225	45.29566
3/17/21 21:38:48.060	4.729447	10.74303	45.2973
3/17/21 21:39:48.060	4.731069	10.70126	45.29355
3/17/21 21:40:48.060	4.729651	10.72105	45.29683
3/17/21 21:41:48.060	4.727573	10.71591	45.30162
3/17/21 21:42:48.060	4.729771	10.69539	45.29655
3/17/21 21:43:48.060	4.727743	10.71664	45.30123
3/17/21 21:44:48.060	4.729133	10.71225	45.29802
3/17/21 21:45:48.060	4.73073	10.70638	45.29433
3/17/21 21:46:48.060	4.728927	10.70786	45.2985
3/17/21 21:47:48.060	4.727142	10.70052	45.30262
3/17/21 21:48:48.060	4.728494	10.73715	45.2995
3/17/21 21:49:48.060	4.72829	10.7247	45.29997
3/17/21 21:50:48.060	4.728223	10.71078	45.30012
3/17/21 21:51:48.060	4.726391	10.73056	45.30435
3/17/21 21:52:48.060	4.727849	10.69246	45.30099
3/17/21 21:53:48.060	4.725001	10.702	45.30756
3/17/21 21:54:48.060	4.727813	10.70786	45.30107
3/17/21 21:55:48.060	4.729168	10.72765	45.29794
3/17/21 21:56:48.060	4.731034	10.69685	45.29363
3/17/21 21:57:48.060	4.72765	10.71957	45.30145
3/17/21 21:58:48.060	4.728189	10.71445	45.3002
3/17/21 21:59:48.060	4.729681	10.6976	45.29676
3/17/21 22:00:48.060	4.728807	10.71005	45.29877
3/17/21 22:01:48.060	4.728018	10.70346	45.3006
3/17/21 22:02:48.060	4.728018	10.702	45.3006
3/17/21 22:03:48.060	4.726592	10.70346	45.30389
3/17/21 22:04:48.060	4.729895	10.70859	45.29626
3/17/21 22:05:48.060	4.728568	10.71738	45.29933
3/17/21 22:06:48.060	4.727442	10.7225	45.30193
3/17/21 22:07:48.060	4.726357	10.72031	45.30443
3/17/21 22:08:48.060	4.728098	10.70712	45.30041
3/17/21 22:09:48.060	4.727743	10.72324	45.30123
3/17/21 22:10:48.060	4.726255	10.69833	45.30466
3/17/21 22:11:48.060	4.726649	10.71152	45.30376
3/17/21 22:12:48.060	4.726728	10.70786	45.30357
3/17/21 22:13:48.060	4.727304	10.74376	45.30224
3/17/21 22:14:48.060	4.730874	10.72177	45.294
3/17/21 22:15:48.060	4.728962	10.71811	45.29842

3/17/21 22:16:48.060	4.729929	10.72397	45.29618
3/17/21 22:17:48.060	4.729203	10.71445	45.29786
3/17/21 22:18:48.060	4.73019	10.70418	45.29558
3/17/21 22:19:48.060	4.728563	10.70418	45.29934
3/17/21 22:20:48.060	4.729236	10.71005	45.29778
3/17/21 22:21:48.060	4.73229	10.72617	45.29073
3/17/21 22:22:48.060	4.729439	10.71738	45.29731
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3/17/21 22:24:48.060	4.730221	10.70052	45.29551
3/17/21 22:25:48.060	4.72846	10.71518	45.29958
3/17/21 22:26:48.060	4.728053	10.71738	45.30052
3/17/21 22:27:48.060	4.728324	10.72177	45.29989
3/17/21 22:28:48.060	4.72612	10.71664	45.30498
3/17/21 22:29:48.060	4.729311	10.70126	45.29761
3/17/21 22:30:48.060	4.728358	10.73349	45.29981
3/17/21 22:31:48.060	4.728695	10.70786	45.29903
3/17/21 22:32:48.060	4.72948	10.72397	45.29722
3/17/21 22:33:48.060	4.727108	10.7247	45.3027
3/17/21 22:34:48.060	4.73084	10.69539	45.29408
3/17/21 22:35:48.060	4.727911	10.70712	45.30084
3/17/21 22:36:48.060	4.729439	10.70566	45.29731
3/17/21 22:37:48.060	4.731555	10.71664	45.29243
3/17/21 22:38:48.060	4.731205	10.71518	45.29324
3/17/21 22:39:48.060	4.731709	10.71225	45.29208
3/17/21 22:40:48.060	4.732593	10.72177	45.29003
3/17/21 22:41:48.060	4.733619	10.71005	45.28766
3/17/21 22:42:48.060	4.73328	10.71738	45.28845
3/17/21 22:43:48.060	4.733171	10.70271	45.2887
3/17/21 22:44:48.060	4.733745	10.72543	45.28737
3/17/21 22:45:48.060	4.735598	10.702	45.28309
3/17/21 22:46:48.060	4.734365	10.702	45.28594
3/17/21 22:47:48.060	4.734901	10.69614	45.2847
3/17/21 22:48:48.060	4.734591	10.72324	45.28542
3/17/21 22:49:48.060	4.736237	10.72324	45.28162
3/17/21 22:50:48.060	4.734833	10.71591	45.28486
3/17/21 22:51:48.060	4.732663	10.73715	45.28987
3/17/21 22:52:48.060	4.735515	10.69614	45.28329
3/17/21 22:53:48.060	4.732324	10.70859	45.29065
3/17/21 22:54:48.060	4.734867	10.69026	45.28478
3/17/21 22:55:48.060	4.733745	10.70346	45.28737
3/17/21 22:56:48.060	4.732159	10.72397	45.29103
3/17/21 22:57:48.060	4.734488	10.70786	45.28566
3/17/21 22:58:48.060	4.735721	10.71591	45.28281
3/17/21 22:59:48.060	4.735011	10.6976	45.28445
3/17/21 23:00:48.060	4.735755	10.71225	45.28273
3/17/21 23:01:48.060	4.738157	10.7247	45.27718

3/17/21 23:02:48.060	4.735521	10.70712	45.28327
3/17/21 23:03:48.060	4.735068	10.69101	45.28432
3/17/21 23:04:48.060	4.735307	10.72105	45.28376
3/17/21 23:05:48.060	4.734522	10.69246	45.28558
3/17/21 23:06:48.060	4.73477	10.69685	45.285
3/17/21 23:07:48.060	4.730091	10.702	45.29581
3/17/21 23:08:48.060	4.733206	10.72105	45.28862
3/17/21 23:09:48.060	4.734466	10.70346	45.28571
3/17/21 23:10:48.060	4.735011	10.7269	45.28445
3/17/21 23:11:48.060	4.732159	10.71445	45.29103
3/17/21 23:12:48.060	4.733112	10.70712	45.28883
3/17/21 23:13:48.060	4.73426	10.71957	45.28618
3/17/21 23:14:48.060	4.734225	10.70566	45.28626
3/17/21 23:15:48.060	4.732593	10.71445	45.29003
3/17/21 23:16:48.060	4.734257	10.70566	45.28619
3/17/21 23:17:48.060	4.73477	10.71005	45.285
3/17/21 23:18:48.060	4.735889	10.7269	45.28242
3/17/21 23:19:48.060	4.733583	10.71591	45.28775
3/17/21 23:20:48.060	4.735785	10.67049	45.28266
3/17/21 23:21:48.060	4.734325	10.70052	45.28603
3/17/21 23:22:48.060	4.733348	10.73203	45.28829
3/17/21 23:23:48.060	4.733956	10.71738	45.28688
3/17/21 23:24:48.060	4.732627	10.70566	45.28996
3/17/21 23:25:48.060	4.735011	10.72765	45.28445
3/17/21 23:26:48.060	4.734187	10.69319	45.28635
3/17/21 23:27:48.060	4.732998	10.72765	45.2891
3/17/21 23:28:48.060	4.732873	10.72984	45.28939
3/17/21 23:29:48.060	4.734398	10.71225	45.28587
3/17/21 23:30:48.060	4.734222	10.6844	45.28627
3/17/21 23:31:48.060	4.733383	10.68147	45.28821
3/17/21 23:32:48.060	4.735847	10.71078	45.28252
3/17/21 23:33:48.060	4.733407	10.73863	45.28815
3/17/21 23:34:48.060	4.731709	10.71811	45.29208
3/17/21 23:35:48.060	4.735115	10.70126	45.28421
3/17/21 23:36:48.060	4.734153	10.73131	45.28643
3/17/21 23:37:48.060	4.737711	10.70566	45.27821
3/17/21 23:38:48.060	4.734805	10.7269	45.28492
3/17/21 23:39:48.060	4.734398	10.71884	45.28587
3/17/21 23:40:48.060	4.734295	10.70638	45.2861
3/17/21 23:41:48.060	4.737348	10.70712	45.27905
3/17/21 23:42:48.060	4.737279	10.74669	45.27921
3/17/21 23:43:48.060	4.736845	10.70638	45.28022
3/17/21 23:44:48.060	4.735447	10.71297	45.28344
3/17/21 23:45:48.060	4.737384	10.71078	45.27897
3/17/21 23:46:48.060	4.738157	10.71664	45.27718
3/17/21 23:47:48.060	4.738689	10.7247	45.27596

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3/17/21 23:50:48.060	4.738595	10.74522	45.27617
3/17/21 23:51:48.060	4.738678	10.71005	45.27598
3/17/21 23:52:48.060	4.738295	10.71225	45.27687
3/17/21 23:53:48.060	4.736459	10.74083	45.28111
3/17/21 23:54:48.060	4.734665	10.73203	45.28525
3/17/21 23:55:48.060	4.736292	10.72177	45.28149
3/17/21 23:56:48.060	4.739499	10.73715	45.27409
3/17/21 23:57:48.060	4.738914	10.74156	45.27544
3/17/21 23:58:48.060	4.738122	10.7269	45.27727
3/17/21 23:59:48.060	4.737921	10.73131	45.27773
3/18/21 0:00:48.060	4.736948	10.70859	45.27998
3/18/21 0:01:48.060	4.738914	10.73497	45.27544
3/18/21 0:02:48.060	4.738062	10.73643	45.2774
3/18/21 0:03:48.060	4.739758	10.69101	45.27349
3/18/21 0:04:48.060	4.739286	10.71957	45.27458
3/18/21 0:05:48.060	4.741249	10.71591	45.27005
3/18/21 0:06:48.060	4.739747	10.70418	45.27351
3/18/21 0:07:48.060	4.737749	10.71738	45.27813
3/18/21 0:08:48.060	4.73849	10.75401	45.27642
3/18/21 0:09:48.060	4.739621	10.73935	45.2738
3/18/21 0:10:48.060	4.740029	10.7225	45.27287
3/18/21 0:11:48.060	4.73941	10.71884	45.27429
3/18/21 0:12:48.060	4.739655	10.7093	45.27373
3/18/21 0:13:48.060	4.738986	10.74522	45.27527
3/18/21 0:14:48.060	4.741307	10.71664	45.26991
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3/18/21 0:17:48.060	4.738846	10.69101	45.2756
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3/18/21 0:19:48.060	4.742533	10.71518	45.26708
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3/18/21 0:21:48.060	4.73943	10.67926	45.27425
3/18/21 0:22:48.060	4.740816	10.71005	45.27105
3/18/21 0:23:48.060	4.738823	10.72397	45.27565
3/18/21 0:24:48.060	4.740981	10.70052	45.27066
3/18/21 0:25:48.060	4.738973	10.72177	45.2753
3/18/21 0:26:48.060	4.738753	10.72177	45.27581
3/18/21 0:27:48.060	4.741169	10.71225	45.27023
3/18/21 0:28:48.060	4.741486	10.7093	45.2695
3/18/21 0:29:48.060	4.741169	10.70493	45.27023
3/18/21 0:30:48.060	4.740748	10.70786	45.2712
3/18/21 0:31:48.060	4.740226	10.71957	45.27241
3/18/21 0:32:48.060	4.739655	10.69319	45.27373
3/18/21 0:33:48.060	4.7426	10.73569	45.26693

3/18/21 0:34:48.060	4.742833	10.74156	45.26639
3/18/21 0:35:48.060	4.741723	10.71738	45.26895
3/18/21 0:36:48.060	4.738611	10.71738	45.27614
3/18/21 0:37:48.060	4.742509	10.7269	45.26714
3/18/21 0:38:48.060	4.741138	10.75621	45.2703
3/18/21 0:39:48.060	4.742476	10.71005	45.26721
3/18/21 0:40:48.060	4.742635	10.71445	45.26685
3/18/21 0:41:48.060	4.74202	10.7093	45.26826
3/18/21 0:42:48.060	4.741957	10.71445	45.26841
3/18/21 0:43:48.060	4.743511	10.7225	45.26482
3/18/21 0:44:48.060	4.742138	10.71078	45.26799
3/18/21 0:45:48.060	4.743347	10.70126	45.2652
3/18/21 0:46:48.060	4.74216	10.71152	45.26794
3/18/21 0:47:48.060	4.742833	10.69026	45.26639
3/18/21 0:48:48.060	4.745182	10.71591	45.26097
3/18/21 0:49:48.060	4.746865	10.71078	45.25708
3/18/21 0:50:48.060	4.743347	10.73131	45.2652
3/18/21 0:51:48.060	4.742812	10.69539	45.26644
3/18/21 0:52:48.060	4.740666	10.7269	45.27139
3/18/21 0:53:48.060	4.74436	10.72105	45.26286
3/18/21 0:54:48.060	4.744198	10.71371	45.26324
3/18/21 0:55:48.060	4.74308	10.70566	45.26582
3/18/21 0:56:48.060	4.743932	10.68367	45.26385
3/18/21 0:57:48.060	4.743854	10.71957	45.26403
3/18/21 0:58:48.060	4.739816	10.72105	45.27335
3/18/21 0:59:48.060	4.744163	10.73131	45.26332
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3/18/21 1:02:48.060	4.742258	10.73056	45.26772
3/18/21 1:03:48.060	4.741169	10.7247	45.27023
3/18/21 1:04:48.060	4.741414	10.72617	45.26966
3/18/21 1:05:48.060	4.744363	10.74156	45.26286
3/18/21 1:06:48.060	4.746809	10.72324	45.25721
3/18/21 1:07:48.060	4.745154	10.71591	45.26103
3/18/21 1:08:48.060	4.745682	10.71738	45.25981
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3/18/21 1:10:48.060	4.743899	10.72177	45.26393
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3/18/21 1:12:48.060	4.744538	10.70566	45.26245
3/18/21 1:13:48.060	4.745688	10.71884	45.2598
3/18/21 1:14:48.060	4.743238	10.71884	45.26545
3/18/21 1:15:48.060	4.743966	10.72031	45.26377
3/18/21 1:16:48.060	4.745263	10.73349	45.26078
3/18/21 1:17:48.060	4.748606	10.71957	45.25306
3/18/21 1:18:48.060	4.742706	10.7291	45.26668
3/18/21 1:19:48.060	4.746974	10.73497	45.25683

3/18/21 1:20:48.060	4.74593	10.71591	45.25924
3/18/21 1:21:48.060	4.745263	10.71152	45.26078
3/18/21 1:22:48.060	4.747354	10.71152	45.25595
3/18/21 1:23:48.060	4.745822	10.72984	45.25949
3/18/21 1:24:48.060	4.745716	10.74156	45.25973
3/18/21 1:25:48.060	4.747375	10.73276	45.2559
3/18/21 1:26:48.060	4.747422	10.72177	45.25579
3/18/21 1:27:48.060	4.746857	10.72984	45.2571
3/18/21 1:28:48.060	4.746098	10.71518	45.25885
3/18/21 1:29:48.060	4.747046	10.74303	45.25666
3/18/21 1:30:48.060	4.746162	10.7225	45.2587
3/18/21 1:31:48.060	4.747122	10.73569	45.25648
3/18/21 1:32:48.060	4.74726	10.7269	45.25617
3/18/21 1:33:48.060	4.745382	10.7225	45.2605
3/18/21 1:34:48.060	4.748095	10.70786	45.25424
3/18/21 1:35:48.060	4.74644	10.72177	45.25806
3/18/21 1:36:48.060	4.745561	10.73349	45.26009
3/18/21 1:37:48.060	4.745066	10.71297	45.26123
3/18/21 1:38:48.060	4.747354	10.74156	45.25595
3/18/21 1:39:48.060	4.747958	10.71152	45.25455
3/18/21 1:40:48.060	4.748405	10.71518	45.25352
3/18/21 1:41:48.060	4.747558	10.73643	45.25548
3/18/21 1:42:48.060	4.747786	10.75327	45.25496
3/18/21 1:43:48.060	4.745835	10.71884	45.25946
3/18/21 1:44:48.060	4.7458	10.73935	45.25954
3/18/21 1:45:48.060	4.745522	10.75035	45.26018
3/18/21 1:46:48.060	4.745382	10.72031	45.2605
3/18/21 1:47:48.060	4.743509	10.73131	45.26483
3/18/21 1:48:48.060	4.740867	10.71664	45.27093
3/18/21 1:49:48.060	4.743966	10.71445	45.26377
3/18/21 1:50:48.060	4.744978	10.71591	45.26144
3/18/21 1:51:48.060	4.74644	10.74303	45.25806
3/18/21 1:52:48.060	4.743899	10.7247	45.26393
3/18/21 1:53:48.060	4.745332	10.72984	45.26062
3/18/21 1:54:48.060	4.744641	10.72177	45.26221
3/18/21 1:55:48.060	4.746529	10.72031	45.25785
3/18/21 1:56:48.060	4.748027	10.72031	45.25439
3/18/21 1:57:48.060	4.745488	10.7291	45.26026
3/18/21 1:58:48.060	4.746304	10.74303	45.25837
3/18/21 1:59:48.060	4.746409	10.73203	45.25813
3/18/21 2:00:48.060	4.746338	10.73863	45.2583
3/18/21 2:01:48.060	4.748269	10.71225	45.25384
3/18/21 2:02:48.060	4.747256	10.71005	45.25618
3/18/21 2:03:48.060	4.745998	10.71591	45.25908
3/18/21 2:04:48.060	4.748841	10.73276	45.25252
3/18/21 2:05:48.060	4.749551	10.70712	45.25088

3/18/21 2:06:48.060	4.747786	10.71957	45.25496
3/18/21 2:07:48.060	4.746162	10.73056	45.2587
3/18/21 2:08:48.060	4.748708	10.72177	45.25282
3/18/21 2:09:48.060	4.745263	10.70418	45.26078
3/18/21 2:10:48.060	4.74664	10.74228	45.2576
3/18/21 2:11:48.060	4.7458	10.71518	45.25954
3/18/21 2:12:48.060	4.747623	10.70493	45.25533
3/18/21 2:13:48.060	4.748913	10.70638	45.25235
3/18/21 2:14:48.060	4.746974	10.74742	45.25683
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3/18/21 2:16:48.060	4.74689	10.73056	45.25702
3/18/21 2:17:48.060	4.747479	10.75255	45.25566
3/18/21 2:18:48.060	4.750687	10.7291	45.24826
3/18/21 2:19:48.060	4.748027	10.74303	45.25439
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3/18/21 2:21:48.060	4.751211	10.71738	45.24704
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3/18/21 2:23:48.060	4.74817	10.7225	45.25407
3/18/21 2:24:48.060	4.751762	10.71518	45.24577
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3/18/21 2:29:48.060	4.751018	10.73203	45.24749
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3/18/21 2:33:48.060	4.750631	10.7269	45.24838
3/18/21 2:34:48.060	4.749964	10.75621	45.24992
3/18/21 2:35:48.060	4.751485	10.73276	45.24641
3/18/21 2:36:48.060	4.750303	10.70786	45.24914
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3/18/21 2:38:48.060	4.755088	10.74962	45.23809
3/18/21 2:39:48.060	4.752784	10.72177	45.24341
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3/18/21 2:41:48.060	4.750349	10.74156	45.24903
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3/18/21 2:43:48.060	4.749966	10.71591	45.24992
3/18/21 2:44:48.060	4.754047	10.72031	45.2405
3/18/21 2:45:48.060	4.751584	10.74083	45.24619
3/18/21 2:46:48.060	4.752497	10.69246	45.24408
3/18/21 2:47:48.060	4.750707	10.71297	45.24821
3/18/21 2:48:48.060	4.751906	10.72324	45.24544
3/18/21 2:49:48.060	4.753357	10.73349	45.24209
3/18/21 2:50:48.060	4.752068	10.70271	45.24506
3/18/21 2:51:48.060	4.750032	10.73643	45.24977

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3/18/21 2:53:48.060	4.751616	10.71738	45.24611
3/18/21 2:54:48.060	4.749865	10.72324	45.25015
3/18/21 2:55:48.060	4.751616	10.70271	45.24611
3/18/21 2:56:48.060	4.751865	10.71371	45.24553
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3/18/21 2:58:48.060	4.751762	10.72105	45.24577
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3/18/21 3:03:48.060	4.751657	10.69978	45.24601
3/18/21 3:04:48.060	4.753671	10.69173	45.24136
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3/18/21 3:06:48.060	4.753464	10.72397	45.24184
3/18/21 3:07:48.060	4.755595	10.71518	45.23692
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3/18/21 3:09:48.060	4.754472	10.70346	45.23951
3/18/21 3:10:48.060	4.755447	10.71738	45.23726
3/18/21 3:11:48.060	4.753387	10.7247	45.24202
3/18/21 3:12:48.060	4.755515	10.72397	45.23711
3/18/21 3:13:48.060	4.753728	10.7291	45.24123
3/18/21 3:14:48.060	4.754876	10.72543	45.23858
3/18/21 3:15:48.060	4.754986	10.71518	45.23833
3/18/21 3:16:48.060	4.755764	10.71518	45.23653
3/18/21 3:17:48.060	4.755584	10.72617	45.23695
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3/18/21 3:25:48.060	4.75437	10.72765	45.23975
3/18/21 3:26:48.060	4.75707	10.75182	45.23352
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3/18/21 3:30:48.060	4.756842	10.72984	45.23404
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3/18/21 3:37:48.060	4.753583	10.7225	45.24157

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3/18/21 3:53:48.060	4.756822	10.71152	45.23409
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3/18/21 3:59:48.060	4.758927	10.72324	45.22923
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3/18/21 4:02:48.060	4.759123	10.73056	45.22878
3/18/21 4:03:48.060	4.758542	10.73349	45.23012
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3/18/21 4:05:48.060	4.758197	10.71445	45.23091
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3/18/21 4:07:48.060	4.761183	10.72031	45.22402
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3/18/21 4:09:48.060	4.760307	10.71518	45.22604
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3/18/21 4:12:48.060	4.762855	10.73497	45.22016
3/18/21 4:13:48.060	4.761383	10.70418	45.22356
3/18/21 4:14:48.060	4.76122	10.71957	45.22393
3/18/21 4:15:48.060	4.758433	10.71371	45.23037
3/18/21 4:16:48.060	4.759332	10.72543	45.22829
3/18/21 4:17:48.060	4.758275	10.72031	45.23074
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3/18/21 4:23:48.060	4.758242	10.7269	45.23081

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3/18/21 4:25:48.060	4.759768	10.7269	45.22728
3/18/21 4:26:48.060	4.757692	10.7379	45.23208
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3/18/21 4:35:48.060	4.75862	10.71738	45.22993
3/18/21 4:36:48.060	4.759287	10.72324	45.2284
3/18/21 4:37:48.060	4.758508	10.71957	45.2302
3/18/21 4:38:48.060	4.75915	10.71297	45.22871
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3/18/21 4:44:48.060	4.761033	10.72031	45.22437
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3/18/21 5:02:48.060	4.762855	10.7225	45.22016
3/18/21 5:03:48.060	4.76409	10.7093	45.21731
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3/18/21 5:07:48.060	4.761383	10.71005	45.22356
3/18/21 5:08:48.060	4.763871	10.67635	45.21781
3/18/21 5:09:48.060	4.764286	10.71297	45.21685

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3/18/21 5:11:48.060	4.761325	10.72324	45.22369
3/18/21 5:12:48.060	4.761706	10.72836	45.22281
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3/18/21 5:32:48.060	4.763491	10.73056	45.21869
3/18/21 5:33:48.060	4.765703	10.70418	45.21358
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3/18/21 5:35:48.060	4.761926	10.72105	45.2223
3/18/21 5:36:48.060	4.766253	10.71957	45.21231
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3/18/21 5:42:48.060	4.762327	10.74376	45.22138
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3/18/21 5:44:48.060	4.763831	10.71371	45.21791
3/18/21 5:45:48.060	4.76492	10.69905	45.21539
3/18/21 5:46:48.060	4.765459	10.71445	45.21415
3/18/21 5:47:48.060	4.765579	10.69614	45.21387
3/18/21 5:48:48.060	4.767217	10.702	45.21009
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3/18/21 5:54:48.060	4.764056	10.71591	45.21738
3/18/21 5:55:48.060	4.765814	10.72543	45.21333

3/18/21 5:56:48.060	4.764548	10.71518	45.21625
3/18/21 5:57:48.060	4.761765	10.71591	45.22268
3/18/21 5:58:48.060	4.764988	10.69394	45.21523
3/18/21 5:59:48.060	4.765866	10.72836	45.21321
3/18/21 6:00:48.060	4.765265	10.68735	45.2146
3/18/21 6:01:48.060	4.765022	10.71445	45.21516
3/18/21 6:02:48.060	4.76492	10.72836	45.21539
3/18/21 6:03:48.060	4.765602	10.71811	45.21381
3/18/21 6:04:48.060	4.764782	10.74303	45.21571
3/18/21 6:05:48.060	4.765779	10.69614	45.21341
3/18/21 6:06:48.060	4.764822	10.7225	45.21562
3/18/21 6:07:48.060	4.766472	10.7269	45.21181
3/18/21 6:08:48.060	4.767531	10.72617	45.20936
3/18/21 6:09:48.060	4.766172	10.69467	45.2125
3/18/21 6:10:48.060	4.767251	10.702	45.21001
3/18/21 6:11:48.060	4.766146	10.71152	45.21256
3/18/21 6:12:48.060	4.766108	10.72397	45.21265
3/18/21 6:13:48.060	4.766758	10.70712	45.21115
3/18/21 6:14:48.060	4.765704	10.71591	45.21358
3/18/21 6:15:48.060	4.768685	10.71664	45.2067
3/18/21 6:16:48.060	4.767664	10.71297	45.20905
3/18/21 6:17:48.060	4.764782	10.71297	45.21571
3/18/21 6:18:48.060	4.765392	10.71884	45.2143
3/18/21 6:19:48.060	4.768553	10.70418	45.207
3/18/21 6:20:48.060	4.767127	10.71078	45.2103
3/18/21 6:21:48.060	4.767094	10.70052	45.21037
3/18/21 6:22:48.060	4.769703	10.71297	45.20435
3/18/21 6:23:48.060	4.767778	10.7093	45.20879
3/18/21 6:24:48.060	4.765022	10.71078	45.21516
3/18/21 6:25:48.060	4.766439	10.71591	45.21188
3/18/21 6:26:48.060	4.768651	10.69539	45.20678
3/18/21 6:27:48.060	4.766078	10.69685	45.21272
3/18/21 6:28:48.060	4.767363	10.69394	45.20975
3/18/21 6:29:48.060	4.768686	10.71297	45.2067
3/18/21 6:30:48.060	4.767285	10.71738	45.20993
3/18/21 6:31:48.060	4.766472	10.72324	45.21181
3/18/21 6:32:48.060	4.76709	10.72765	45.21038
3/18/21 6:33:48.060	4.768106	10.70859	45.20803
3/18/21 6:34:48.060	4.769124	10.71371	45.20568
3/18/21 6:35:48.060	4.765933	10.72177	45.21305
3/18/21 6:36:48.060	4.76855	10.71078	45.20701
3/18/21 6:37:48.060	4.770034	10.72105	45.20358
3/18/21 6:38:48.060	4.768451	10.69614	45.20724
3/18/21 6:39:48.060	4.767061	10.70638	45.21045
3/18/21 6:40:48.060	4.76825	10.71371	45.2077
3/18/21 6:41:48.060	4.768334	10.71005	45.20751

3/18/21 6:42:48.060	4.768828	10.68074	45.20637
3/18/21 6:43:48.060	4.767094	10.73276	45.21037
3/18/21 6:44:48.060	4.769619	10.70271	45.20454
3/18/21 6:45:48.060	4.767127	10.73424	45.2103
3/18/21 6:46:48.060	4.766821	10.73203	45.211
3/18/21 6:47:48.060	4.769459	10.72617	45.20491
3/18/21 6:48:48.060	4.769765	10.7225	45.2042
3/18/21 6:49:48.060	4.770626	10.71811	45.20222
3/18/21 6:50:48.060	4.77184	10.73715	45.19941
3/18/21 6:51:48.060	4.769946	10.71738	45.20378
3/18/21 6:52:48.060	4.767891	10.71078	45.20853
3/18/21 6:53:48.060	4.769912	10.69905	45.20387
3/18/21 6:54:48.060	4.768067	10.74303	45.20813
3/18/21 6:55:48.060	4.771535	10.71591	45.20012
3/18/21 6:56:48.060	4.769459	10.73349	45.20491
3/18/21 6:57:48.060	4.771982	10.72617	45.19909
3/18/21 6:58:48.060	4.771434	10.70126	45.20035
3/18/21 6:59:48.060	4.772111	10.69319	45.19879
3/18/21 7:00:48.060	4.768617	10.71445	45.20686
3/18/21 7:01:48.060	4.770825	10.69319	45.20176
3/18/21 7:02:48.060	4.769231	10.71152	45.20544
3/18/21 7:03:48.060	4.768053	10.69833	45.20816
3/18/21 7:04:48.060	4.771028	10.69101	45.20129
3/18/21 7:05:48.060	4.771228	10.70418	45.20082
3/18/21 7:06:48.060	4.773399	10.71297	45.19581
3/18/21 7:07:48.060	4.769976	10.71445	45.20372
3/18/21 7:08:48.060	4.770453	10.71297	45.20261
3/18/21 7:09:48.060	4.770488	10.70493	45.20253
3/18/21 7:10:48.060	4.772249	10.71811	45.19847
3/18/21 7:11:48.060	4.771301	10.70418	45.20066
3/18/21 7:12:48.060	4.771591	10.71957	45.19999
3/18/21 7:13:48.060	4.770034	10.69614	45.20358
3/18/21 7:14:48.060	4.769395	10.69467	45.20506
3/18/21 7:15:48.060	4.774279	10.702	45.19378
3/18/21 7:16:48.060	4.770893	10.69614	45.2016
3/18/21 7:17:48.060	4.770248	10.71152	45.20309
3/18/21 7:18:48.060	4.771086	10.72397	45.20115
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3/18/21 7:20:48.060	4.77116	10.71811	45.20098
3/18/21 7:21:48.060	4.770034	10.70493	45.20358
3/18/21 7:22:48.060	4.771946	10.67781	45.19917
3/18/21 7:23:48.060	4.770822	10.70418	45.20176
3/18/21 7:24:48.060	4.772388	10.68221	45.19815
3/18/21 7:25:48.060	4.769293	10.67635	45.2053
3/18/21 7:26:48.060	4.772722	10.72105	45.19738
3/18/21 7:27:48.060	4.773207	10.7225	45.19626

3/18/21 7:28:48.060	4.770524	10.70859	45.20245
3/18/21 7:29:48.060	4.77112	10.7093	45.20108
3/18/21 7:30:48.060	4.77324	10.71078	45.19618
3/18/21 7:31:48.060	4.771938	10.69173	45.19918
3/18/21 7:32:48.060	4.771028	10.70859	45.20129
3/18/21 7:33:48.060	4.770927	10.69685	45.20152
3/18/21 7:34:48.060	4.77032	10.7247	45.20292
3/18/21 7:35:48.060	4.771626	10.68658	45.19991
3/18/21 7:36:48.060	4.771773	10.69173	45.19957
3/18/21 7:37:48.060	4.773173	10.70566	45.19633
3/18/21 7:38:48.060	4.770694	10.70566	45.20206
3/18/21 7:39:48.060	4.770855	10.70712	45.20169
3/18/21 7:40:48.060	4.769569	10.71078	45.20465
3/18/21 7:41:48.060	4.771276	10.69319	45.20071
3/18/21 7:42:48.060	4.772363	10.72765	45.1982
3/18/21 7:43:48.060	4.771626	10.73349	45.19991
3/18/21 7:44:48.060	4.772588	10.7291	45.19769
3/18/21 7:45:48.060	4.771938	10.70786	45.19918
3/18/21 7:46:48.060	4.769664	10.72324	45.20444
3/18/21 7:47:48.060	4.772111	10.68735	45.19879
3/18/21 7:48:48.060	4.77072	10.71884	45.202
3/18/21 7:49:48.060	4.771195	10.70638	45.2009
3/18/21 7:50:48.060	4.771635	10.71957	45.19989
3/18/21 7:51:48.060	4.774124	10.71738	45.19414
3/18/21 7:52:48.060	4.772045	10.72765	45.19894
3/18/21 7:53:48.060	4.77324	10.72765	45.19618
3/18/21 7:54:48.060	4.77184	10.72397	45.19941
3/18/21 7:55:48.060	4.770961	10.72324	45.20144
3/18/21 7:56:48.060	4.77111	10.71664	45.2011
3/18/21 7:57:48.060	4.770255	10.71811	45.20307
3/18/21 7:58:48.060	4.772892	10.71371	45.19698
3/18/21 7:59:48.060	4.772655	10.70418	45.19753
3/18/21 8:00:48.060	4.774323	10.70638	45.19368
3/18/21 8:01:48.060	4.772491	10.73569	45.19791
3/18/21 8:02:48.060	4.77177	10.71078	45.19957
3/18/21 8:03:48.060	4.772925	10.67342	45.19691
3/18/21 8:04:48.060	4.770252	10.70859	45.20308
3/18/21 8:05:48.060	4.772925	10.70126	45.19691
3/18/21 8:06:48.060	4.772686	10.74669	45.19746
3/18/21 8:07:48.060	4.772686	10.72836	45.19746
3/18/21 8:08:48.060	4.771982	10.71518	45.19909
3/18/21 8:09:48.060	4.773095	10.71225	45.19651
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3/18/21 8:11:48.060	4.772811	10.69614	45.19717
3/18/21 8:12:48.060	4.771773	10.7093	45.19957
3/18/21 8:13:48.060	4.772363	10.7225	45.1982

3/18/21 8:14:48.060	4.774426	10.70346	45.19344
3/18/21 8:15:48.060	4.772272	10.73569	45.19842
3/18/21 8:16:48.060	4.774955	10.72177	45.19222
3/18/21 8:17:48.060	4.77561	10.71591	45.19071
3/18/21 8:18:48.060	4.776717	10.70052	45.18815
3/18/21 8:19:48.060	4.774918	10.69833	45.19231
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3/18/21 8:21:48.060	4.773808	10.70052	45.19487
3/18/21 8:22:48.060	4.774687	10.7247	45.19284
3/18/21 8:23:48.060	4.774359	10.7093	45.1936
3/18/21 8:24:48.060	4.774691	10.71664	45.19283
3/18/21 8:25:48.060	4.77692	10.71445	45.18768
3/18/21 8:26:48.060	4.772272	10.7225	45.19842
3/18/21 8:27:48.060	4.775446	10.71225	45.19109
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3/18/21 8:29:48.060	4.773542	10.72836	45.19548
3/18/21 8:30:48.060	4.775803	10.7093	45.19026
3/18/21 8:31:48.060	4.773913	10.72543	45.19463
3/18/21 8:32:48.060	4.775746	10.70052	45.19039
3/18/21 8:33:48.060	4.775022	10.71811	45.19207
3/18/21 8:34:48.060	4.777588	10.69614	45.18614
3/18/21 8:35:48.060	4.775871	10.71152	45.19011
3/18/21 8:36:48.060	4.778018	10.70418	45.18515
3/18/21 8:37:48.060	4.775298	10.70786	45.19143
3/18/21 8:38:48.060	4.775975	10.71445	45.18987
3/18/21 8:39:48.060	4.77492	10.72397	45.1923
3/18/21 8:40:48.060	4.776467	10.70712	45.18873
3/18/21 8:41:48.060	4.775331	10.72765	45.19135
3/18/21 8:42:48.060	4.77462	10.69467	45.19299
3/18/21 8:43:48.060	4.776249	10.71591	45.18923
3/18/21 8:44:48.060	4.777105	10.69978	45.18726
3/18/21 8:45:48.060	4.774392	10.71884	45.19352
3/18/21 8:46:48.060	4.777404	10.68806	45.18657
3/18/21 8:47:48.060	4.775446	10.72177	45.19109
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3/18/21 8:49:48.060	4.776007	10.70052	45.18979
3/18/21 8:50:48.060	4.774051	10.7093	45.19431
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3/18/21 8:54:48.060	4.776155	10.71884	45.18945
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3/18/21 8:57:48.060	4.776212	10.72984	45.18932
3/18/21 8:58:48.060	4.774988	10.71005	45.19214
3/18/21 8:59:48.060	4.775679	10.70786	45.19055

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3/18/21 9:01:48.060	4.774585	10.73276	45.19307
3/18/21 9:02:48.060	4.776581	10.73056	45.18847
3/18/21 9:03:48.060	4.778996	10.72324	45.18289
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3/18/21 9:05:48.060	4.773353	10.71297	45.19592
3/18/21 9:06:48.060	4.777403	10.71152	45.18657
3/18/21 9:07:48.060	4.777165	10.72765	45.18711
3/18/21 9:08:48.060	4.776212	10.71371	45.18932
3/18/21 9:09:48.060	4.777623	10.75035	45.18606
3/18/21 9:10:48.060	4.775985	10.7269	45.18984
3/18/21 9:11:48.060	4.776965	10.69685	45.18758
3/18/21 9:12:48.060	4.775917	10.7225	45.19
3/18/21 9:13:48.060	4.777233	10.68954	45.18696
3/18/21 9:14:48.060	4.778149	10.71078	45.18484
3/18/21 9:15:48.060	4.778182	10.70126	45.18477
3/18/21 9:16:48.060	4.777371	10.72984	45.18664
3/18/21 9:17:48.060	4.777986	10.69026	45.18522
3/18/21 9:18:48.060	4.777497	10.71005	45.18635
3/18/21 9:19:48.060	4.777308	10.73424	45.18679
3/18/21 9:20:48.060	4.777438	10.72177	45.18649
3/18/21 9:21:48.060	4.778115	10.71445	45.18492
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3/18/21 9:24:48.060	4.777632	10.71591	45.18604
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3/18/21 9:26:48.060	4.77538	10.72324	45.19124
3/18/21 9:27:48.060	4.777199	10.72031	45.18704
3/18/21 9:28:48.060	4.777403	10.67854	45.18657
3/18/21 9:29:48.060	4.779202	10.71518	45.18242
3/18/21 9:30:48.060	4.777733	10.73497	45.18581
3/18/21 9:31:48.060	4.776961	10.71811	45.18759
3/18/21 9:32:48.060	4.776075	10.73569	45.18964
3/18/21 9:33:48.060	4.776932	10.73935	45.18766
3/18/21 9:34:48.060	4.778115	10.72617	45.18492
3/18/21 9:35:48.060	4.777404	10.69394	45.18657
3/18/21 9:36:48.060	4.777612	10.71957	45.18608
3/18/21 9:37:48.060	4.778456	10.69978	45.18414
3/18/21 9:38:48.060	4.778528	10.72617	45.18397
3/18/21 9:39:48.060	4.777199	10.71297	45.18704
3/18/21 9:40:48.060	4.780049	10.68587	45.18046
3/18/21 9:41:48.060	4.778698	10.72105	45.18358
3/18/21 9:42:48.060	4.777913	10.72543	45.18539
3/18/21 9:43:48.060	4.779947	10.72617	45.18069
3/18/21 9:44:48.060	4.777946	10.72984	45.18531
3/18/21 9:45:48.060	4.777913	10.71518	45.18539

3/18/21 9:46:48.060	4.776852	10.7093	45.18784
3/18/21 9:47:48.060	4.777072	10.70346	45.18733
3/18/21 9:48:48.060	4.777817	10.69319	45.18561
3/18/21 9:49:48.060	4.776997	10.72765	45.18751
3/18/21 9:50:48.060	4.777916	10.71811	45.18538
3/18/21 9:51:48.060	4.777497	10.71591	45.18635
3/18/21 9:52:48.060	4.779914	10.70346	45.18077
3/18/21 9:53:48.060	4.778528	10.68221	45.18397
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3/18/21 9:55:48.060	4.778831	10.75255	45.18327
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3/18/21 9:57:48.060	4.776086	10.71591	45.18961
3/18/21 9:58:48.060	4.778294	10.71371	45.18451
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3/18/21 10:03:48.060	4.779819	10.70493	45.18099
3/18/21 10:04:48.060	4.77964	10.71957	45.1814
3/18/21 10:05:48.060	4.779504	10.71297	45.18172
3/18/21 10:06:48.060	4.780522	10.71297	45.17937
3/18/21 10:07:48.060	4.778664	10.73497	45.18366
3/18/21 10:08:48.060	4.779192	10.73424	45.18243
3/18/21 10:09:48.060	4.778456	10.71957	45.18414
3/18/21 10:10:48.060	4.777783	10.70271	45.18569
3/18/21 10:11:48.060	4.779543	10.72324	45.18163
3/18/21 10:12:48.060	4.780527	10.70271	45.17936
3/18/21 10:13:48.060	4.778795	10.70346	45.18335
3/18/21 10:14:48.060	4.777733	10.70712	45.18581
3/18/21 10:15:48.060	4.776793	10.72617	45.18798
3/18/21 10:16:48.060	4.775918	10.71811	45.18999
3/18/21 10:17:48.060	4.777913	10.69394	45.18539
3/18/21 10:18:48.060	4.776155	10.71664	45.18945
3/18/21 10:19:48.060	4.77492	10.7093	45.1923
3/18/21 10:20:48.060	4.779369	10.71811	45.18203
3/18/21 10:21:48.060	4.77631	10.71884	45.18909
3/18/21 10:22:48.060	4.777404	10.74449	45.18657
3/18/21 10:23:48.060	4.777206	10.70493	45.18702
3/18/21 10:24:48.060	4.778182	10.72836	45.18477
3/18/21 10:25:48.060	4.777817	10.6976	45.18561
3/18/21 10:26:48.060	4.778863	10.70566	45.1832
3/18/21 10:27:48.060	4.777497	10.7379	45.18635
3/18/21 10:28:48.060	4.777733	10.73863	45.18581
3/18/21 10:29:48.060	4.779236	10.71518	45.18233
3/18/21 10:30:48.060	4.777986	10.7247	45.18522
3/18/21 10:31:48.060	4.778962	10.72177	45.18297

3/18/21 10:32:48.060	4.779947	10.73497	45.18069
3/18/21 10:33:48.060	4.78039	10.72984	45.17967
3/18/21 10:34:48.060	4.779947	10.71152	45.18069
3/18/21 10:35:48.060	4.778208	10.74742	45.18471
3/18/21 10:36:48.060	4.780151	10.69833	45.18022
3/18/21 10:37:48.060	4.781877	10.7401	45.17624
3/18/21 10:38:48.060	4.780015	10.72984	45.18054
3/18/21 10:39:48.060	4.782017	10.71591	45.17591
3/18/21 10:40:48.060	4.780638	10.70052	45.1791
3/18/21 10:41:48.060	4.782663	10.72177	45.17442
3/18/21 10:42:48.060	4.780996	10.71445	45.17827
3/18/21 10:43:48.060	4.781259	10.72324	45.17767
3/18/21 10:44:48.060	4.782489	10.7225	45.17482
3/18/21 10:45:48.060	4.780493	10.72984	45.17943
3/18/21 10:46:48.060	4.780522	10.71811	45.17937
3/18/21 10:47:48.060	4.781903	10.7291	45.17618
3/18/21 10:48:48.060	4.780916	10.70712	45.17846
3/18/21 10:49:48.060	4.782663	10.72177	45.17442
3/18/21 10:50:48.060	4.780815	10.71297	45.17869
3/18/21 10:51:48.060	4.783506	10.7225	45.17247
3/18/21 10:52:48.060	4.781877	10.72617	45.17624
3/18/21 10:53:48.060	4.781272	10.72177	45.17764
3/18/21 10:54:48.060	4.781678	10.69685	45.1767
3/18/21 10:55:48.060	4.782966	10.70712	45.17372
3/18/21 10:56:48.060	4.78273	10.70271	45.17427
3/18/21 10:57:48.060	4.782455	10.73569	45.1749
3/18/21 10:58:48.060	4.782117	10.71957	45.17568
3/18/21 10:59:48.060	4.784365	10.72105	45.17049
3/18/21 11:00:48.060	4.782591	10.70493	45.17459
3/18/21 11:01:48.060	4.786388	10.69685	45.16582
3/18/21 11:02:48.060	4.783503	10.702	45.17249
3/18/21 11:03:48.060	4.783536	10.70566	45.17241
3/18/21 11:04:48.060	4.78612	10.7269	45.16644
3/18/21 11:05:48.060	4.785634	10.71518	45.16756
3/18/21 11:06:48.060	4.782591	10.70859	45.17459
3/18/21 11:07:48.060	4.78497	10.69394	45.16909
3/18/21 11:08:48.060	4.783418	10.7247	45.17268
3/18/21 11:09:48.060	4.787305	10.71884	45.1637
3/18/21 11:10:48.060	4.785336	10.70126	45.16825
3/18/21 11:11:48.060	4.784592	10.72177	45.16997
3/18/21 11:12:48.060	4.786833	10.72105	45.16479
3/18/21 11:13:48.060	4.78497	10.69978	45.16909
3/18/21 11:14:48.060	4.786934	10.70566	45.16456
3/18/21 11:15:48.060	4.784804	10.71811	45.16948
3/18/21 11:16:48.060	4.784691	10.7379	45.16974
3/18/21 11:17:48.060	4.785511	10.71225	45.16785

3/18/21 11:18:48.060	4.787271	10.71664	45.16378
3/18/21 11:19:48.060	4.784796	10.70052	45.1695
3/18/21 11:20:48.060	4.787985	10.7225	45.16213
3/18/21 11:21:48.060	4.785843	10.72397	45.16708
3/18/21 11:22:48.060	4.785553	10.71225	45.16775
3/18/21 11:23:48.060	4.784359	10.72105	45.17051
3/18/21 11:24:48.060	4.784277	10.7269	45.1707
3/18/21 11:25:48.060	4.787113	10.69246	45.16415
3/18/21 11:26:48.060	4.78673	10.7093	45.16503
3/18/21 11:27:48.060	4.785136	10.70859	45.16871
3/18/21 11:28:48.060	4.784277	10.74376	45.1707
3/18/21 11:29:48.060	4.784146	10.71957	45.171
3/18/21 11:30:48.060	4.786252	10.72031	45.16613
3/18/21 11:31:48.060	4.785373	10.74742	45.16817
3/18/21 11:32:48.060	4.78527	10.72105	45.1684

Log Notes

2021-03-18 11:33:11.295 Stopped

Location Properties

Location Name = PZ

Location ID = 7f806968-1c43-4465-951e-9fc9848fa997

Report Properties

Start Time = 2021-03-17 10:30:00.060

Duration = 1.01:06:48

Readings = 1604

Time Offset = -04:00:00

Instrument Properties

Device Model = Level TROLL 700

Device SN = 698919

Device Firmware = 3.06

Log Properties

Log Name = PZ Shut Down

Log Type = Logarithmic

Log File Number = 3

Log ID = 731b11df-6f96-571a-a9d7-447288e9bdfd

Interval = 00:01:00

Date Time	Pressure (psi) (698919)	Temperature (°C) (698919)	Depth To Water (ft) (698919)
3/17/21 10:30:00.060	4.322618	10.86536	46.20635
3/17/21 10:30:00.311	4.322008	10.85362	46.20776
3/17/21 10:30:00.561	4.322668	10.86169	46.20623
3/17/21 10:30:00.811	4.321418	10.83087	46.20912
3/17/21 10:30:01.061	4.320387	10.836	46.2115
3/17/21 10:30:01.311	4.319988	10.85583	46.21242
3/17/21 10:30:01.561	4.323726	10.86757	46.20379
3/17/21 10:30:01.811	4.325117	10.8683	46.20058
3/17/21 10:30:02.061	4.3225	10.85143	46.20662
3/17/21 10:30:02.311	4.323518	10.87637	46.20427
3/17/21 10:30:02.561	4.321701	10.84921	46.20847
3/17/21 10:30:02.811	4.322042	10.85143	46.20768
3/17/21 10:30:03.061	4.321218	10.89619	46.20958
3/17/21 10:30:03.311	4.32233	10.86684	46.20701
3/17/21 10:30:03.561	4.321741	10.86978	46.20837
3/17/21 10:30:03.811	4.323985	10.8705	46.20319
3/17/21 10:30:04.061	4.322364	10.87123	46.20694
3/17/21 10:30:04.311	4.326327	10.88518	46.19778
3/17/21 10:30:04.561	4.323852	10.85143	46.2035
3/17/21 10:30:04.811	4.324494	10.87711	46.20202
3/17/21 10:30:05.061	4.32222	10.87711	46.20727

3/17/21 10:30:05.311	4.320855	10.88518	46.21042
3/17/21 10:30:05.561	4.322717	10.87857	46.20612
3/17/21 10:30:05.811	4.321663	10.88445	46.20855
3/17/21 10:30:06.061	4.322799	10.86096	46.20593
3/17/21 10:30:06.421	4.322462	10.88885	46.20671
3/17/21 10:30:06.781	4.322423	10.87123	46.2068
3/17/21 10:30:07.201	4.320704	10.88005	46.21077
3/17/21 10:30:07.621	4.32254	10.88005	46.20653
3/17/21 10:30:08.041	4.322042	10.86978	46.20768
3/17/21 10:30:08.521	4.324182	10.8661	46.20274
3/17/21 10:30:09.061	4.321444	10.88152	46.20906
3/17/21 10:30:09.541	4.321529	10.87637	46.20886
3/17/21 10:30:10.141	4.320465	10.88518	46.21132
3/17/21 10:30:10.741	4.324719	10.86978	46.2015
3/17/21 10:30:11.341	4.320055	10.86391	46.21227
3/17/21 10:30:12.001	4.320915	10.88005	46.21028
3/17/21 10:30:12.720	4.322065	10.85803	46.20763
3/17/21 10:30:13.500	4.322668	10.84995	46.20623
3/17/21 10:30:14.281	4.319587	10.85069	46.21335
3/17/21 10:30:15.121	4.321274	10.8683	46.20945
3/17/21 10:30:16.020	4.32337	10.85362	46.20461
3/17/21 10:30:16.980	4.321935	10.86169	46.20793
3/17/21 10:30:17.940	4.323136	10.8661	46.20515
3/17/21 10:30:19.020	4.324498	10.86536	46.20201
3/17/21 10:30:20.161	4.321732	10.86462	46.2084
3/17/21 10:30:21.361	4.32143	10.86169	46.2091
3/17/21 10:30:22.621	4.321294	10.85655	46.20941
3/17/21 10:30:23.940	4.323596	10.8705	46.20409
3/17/21 10:30:25.381	4.325129	10.85069	46.20055
3/17/21 10:30:26.881	4.329553	10.87198	46.19034
3/17/21 10:30:28.440	4.32972	10.86023	46.18995
3/17/21 10:30:30.121	4.332532	10.87857	46.18346
3/17/21 10:30:31.920	4.337454	10.86462	46.1721
3/17/21 10:30:33.781	4.342984	10.8683	46.15932
3/17/21 10:30:35.821	4.344203	10.86243	46.15651
3/17/21 10:30:37.920	4.349174	10.85434	46.14503
3/17/21 10:30:40.140	4.354231	10.84995	46.13336
3/17/21 10:30:42.541	4.358695	10.87123	46.12305
3/17/21 10:30:45.060	4.365609	10.86684	46.10709
3/17/21 10:30:47.700	4.366682	10.85509	46.10461
3/17/21 10:30:50.520	4.370044	10.86316	46.09684
3/17/21 10:30:53.520	4.372374	10.86096	46.09146
3/17/21 10:30:56.700	4.375612	10.85728	46.08399
3/17/21 10:31:00.060	4.375688	10.85728	46.08381
3/17/21 10:31:03.660	4.376742	10.84555	46.08138
3/17/21 10:31:07.260	4.377692	10.83307	46.07919

3/17/21 10:31:11.460	4.379913	10.85143	46.07406
3/17/21 10:31:15.660	4.380343	10.8485	46.07306
3/17/21 10:31:19.860	4.381302	10.85803	46.07085
3/17/21 10:31:24.660	4.381291	10.85069	46.07087
3/17/21 10:31:30.060	4.384674	10.85069	46.06306
3/17/21 10:31:34.860	4.379632	10.8316	46.07471
3/17/21 10:31:40.860	4.383334	10.83821	46.06616
3/17/21 10:31:46.860	4.386983	10.85289	46.05773
3/17/21 10:31:52.860	4.385815	10.84702	46.06043
3/17/21 10:31:59.460	4.388474	10.83894	46.05429
3/17/21 10:32:06.660	4.387968	10.82207	46.05546
3/17/21 10:32:14.460	4.390839	10.85362	46.04883
3/17/21 10:32:22.260	4.389698	10.82941	46.05146
3/17/21 10:32:30.660	4.39111	10.85803	46.0482
3/17/21 10:32:39.660	4.391059	10.85069	46.04832
3/17/21 10:32:49.260	4.392511	10.84775	46.04497
3/17/21 10:32:58.860	4.395125	10.85143	46.03893
3/17/21 10:33:09.660	4.39742	10.85289	46.03363
3/17/21 10:33:21.060	4.395269	10.82059	46.0386
3/17/21 10:33:33.060	4.396501	10.85509	46.03576
3/17/21 10:33:45.660	4.395045	10.8338	46.03912
3/17/21 10:33:58.860	4.397077	10.82353	46.03443
3/17/21 10:34:13.260	4.399011	10.84187	46.02996
3/17/21 10:34:28.260	4.400824	10.83455	46.02578
3/17/21 10:34:43.860	4.402248	10.82646	46.02249
3/17/21 10:35:00.660	4.40208	10.8316	46.02288
3/17/21 10:35:18.660	4.400352	10.83894	46.02686
3/17/21 10:35:37.260	4.401551	10.84042	46.0241
3/17/21 10:35:57.660	4.405356	10.82573	46.01531
3/17/21 10:36:18.660	4.405213	10.85362	46.01564
3/17/21 10:36:40.860	4.406505	10.836	46.01266
3/17/21 10:37:04.860	4.406403	10.8595	46.01289
3/17/21 10:37:30.060	4.405989	10.8485	46.01385
3/17/21 10:37:56.460	4.406013	10.83235	46.01379
3/17/21 10:38:24.660	4.407002	10.83307	46.01151
3/17/21 10:38:54.660	4.407868	10.83968	46.00951
3/17/21 10:39:26.460	4.408122	10.836	46.00892
3/17/21 10:40:00.060	4.410923	10.83894	46.00246
3/17/21 10:40:36.060	4.40658	10.84114	46.01249
3/17/21 10:41:12.060	4.410642	10.82793	46.00311
3/17/21 10:41:54.060	4.408484	10.82793	46.00809
3/17/21 10:42:36.060	4.41121	10.83968	46.00179
3/17/21 10:43:18.060	4.411459	10.82426	46.00122
3/17/21 10:44:06.060	4.409842	10.82646	46.00496
3/17/21 10:45:00.060	4.410882	10.82867	46.00255
3/17/21 10:45:48.060	4.415792	10.84555	45.99121

3/17/21 10:46:48.060	4.413312	10.83968	45.99694
3/17/21 10:47:48.060	4.412618	10.82353	45.99854
3/17/21 10:48:48.060	4.417088	10.84335	45.98822
3/17/21 10:49:48.060	4.416242	10.82646	45.99018
3/17/21 10:50:48.060	4.415271	10.83968	45.99242
3/17/21 10:51:48.060	4.415031	10.83675	45.99297
3/17/21 10:52:48.060	4.417935	10.83821	45.98626
3/17/21 10:53:48.060	4.415565	10.84114	45.99174
3/17/21 10:54:48.060	4.41907	10.83235	45.98365
3/17/21 10:55:48.060	4.41664	10.81839	45.98926
3/17/21 10:56:48.060	4.416117	10.82573	45.99046
3/17/21 10:57:48.060	4.416742	10.83087	45.98902
3/17/21 10:58:48.060	4.415621	10.83307	45.99161
3/17/21 10:59:48.060	4.417381	10.84042	45.98755
3/17/21 11:00:48.060	4.416228	10.84627	45.99021
3/17/21 11:01:48.060	4.415621	10.82573	45.99161
3/17/21 11:02:48.060	4.419056	10.84775	45.98368
3/17/21 11:03:48.060	4.417744	10.84775	45.98671
3/17/21 11:04:48.060	4.418564	10.83014	45.98481
3/17/21 11:05:48.060	4.418311	10.82941	45.9854
3/17/21 11:06:48.060	4.419251	10.82793	45.98323
3/17/21 11:07:48.060	4.420446	10.82941	45.98047
3/17/21 11:08:48.060	4.422265	10.83014	45.97627
3/17/21 11:09:48.060	4.420574	10.84627	45.98017
3/17/21 11:10:48.060	4.421335	10.84482	45.97842
3/17/21 11:11:48.060	4.422767	10.81618	45.97511
3/17/21 11:12:48.060	4.421564	10.82353	45.97789
3/17/21 11:13:48.060	4.42113	10.82426	45.97889
3/17/21 11:14:48.060	4.42226	10.82498	45.97628
3/17/21 11:15:48.060	4.421409	10.8037	45.97824
3/17/21 11:16:48.060	4.422941	10.81839	45.97471
3/17/21 11:17:48.060	4.423525	10.81766	45.97336
3/17/21 11:18:48.060	4.424339	10.85143	45.97148
3/17/21 11:19:48.060	4.425428	10.84702	45.96896
3/17/21 11:20:48.060	4.424079	10.83307	45.97208
3/17/21 11:21:48.060	4.425861	10.83968	45.96796
3/17/21 11:22:48.060	4.425466	10.80225	45.96888
3/17/21 11:23:48.060	4.425901	10.85214	45.96787
3/17/21 11:24:48.060	4.426066	10.8338	45.96749
3/17/21 11:25:48.060	4.429274	10.81618	45.96009
3/17/21 11:26:48.060	4.424923	10.85214	45.97013
3/17/21 11:27:48.060	4.427787	10.82646	45.96352
3/17/21 11:28:48.060	4.428405	10.82059	45.96209
3/17/21 11:29:48.060	4.429393	10.86243	45.95981
3/17/21 11:30:48.060	4.426679	10.83455	45.96608
3/17/21 11:31:48.060	4.426679	10.84775	45.96608

3/17/21 11:32:48.060	4.428879	10.82133	45.961
3/17/21 11:33:48.060	4.429237	10.84114	45.96017
3/17/21 11:34:48.060	4.42936	10.82207	45.95988
3/17/21 11:35:48.060	4.429163	10.84482	45.96034
3/17/21 11:36:48.060	4.430697	10.82793	45.9568
3/17/21 11:37:48.060	4.431321	10.8595	45.95536
3/17/21 11:38:48.060	4.432447	10.83821	45.95276
3/17/21 11:39:48.060	4.430421	10.84114	45.95744
3/17/21 11:40:48.060	4.432342	10.84995	45.953
3/17/21 11:41:48.060	4.431321	10.84187	45.95536
3/17/21 11:42:48.060	4.434124	10.81912	45.94889
3/17/21 11:43:48.060	4.429971	10.83894	45.95848
3/17/21 11:44:48.060	4.434029	10.85583	45.9491
3/17/21 11:45:48.060	4.431122	10.82718	45.95582
3/17/21 11:46:48.060	4.433755	10.83675	45.94974
3/17/21 11:47:48.060	4.433791	10.84627	45.94965
3/17/21 11:48:48.060	4.433237	10.81546	45.95094
3/17/21 11:49:48.060	4.433661	10.85069	45.94995
3/17/21 11:50:48.060	4.431872	10.83455	45.95409
3/17/21 11:51:48.060	4.429204	10.85289	45.96025
3/17/21 11:52:48.060	4.432133	10.8485	45.95348
3/17/21 11:53:48.060	4.433099	10.84995	45.95125
3/17/21 11:54:48.060	4.434387	10.82133	45.94828
3/17/21 11:55:48.060	4.433457	10.85728	45.95042
3/17/21 11:56:48.060	4.432635	10.82353	45.95232
3/17/21 11:57:48.060	4.435833	10.84482	45.94494
3/17/21 11:58:48.060	4.434911	10.8338	45.94707
3/17/21 11:59:48.060	4.434052	10.84775	45.94905
3/17/21 12:00:48.060	4.435068	10.84995	45.9467
3/17/21 12:01:48.060	4.433437	10.80518	45.95047
3/17/21 12:02:48.060	4.433922	10.86243	45.94935
3/17/21 12:03:48.060	4.436776	10.83821	45.94276
3/17/21 12:04:48.060	4.434052	10.84042	45.94905
3/17/21 12:05:48.060	4.435083	10.86096	45.94667
3/17/21 12:06:48.060	4.433274	10.83527	45.95085
3/17/21 12:07:48.060	4.433829	10.83235	45.94957
3/17/21 12:08:48.060	4.435773	10.83014	45.94508
3/17/21 12:09:48.060	4.43825	10.8338	45.93936
3/17/21 12:10:48.060	4.437555	10.85655	45.94096
3/17/21 12:11:48.060	4.436994	10.82793	45.94226
3/17/21 12:12:48.060	4.437134	10.82133	45.94194
3/17/21 12:13:48.060	4.437969	10.82426	45.94001
3/17/21 12:14:48.060	4.442191	10.84407	45.93026
3/17/21 12:15:48.060	4.441131	10.82498	45.93271
3/17/21 12:16:48.060	4.438033	10.81398	45.93986
3/17/21 12:17:48.060	4.436409	10.81912	45.94361

3/17/21 12:18:48.060	4.438852	10.84187	45.93797
3/17/21 12:19:48.060	4.440208	10.85434	45.93484
3/17/21 12:20:48.060	4.439422	10.84482	45.93665
3/17/21 12:21:48.060	4.440764	10.84187	45.93355
3/17/21 12:22:48.060	4.441433	10.82207	45.93201
3/17/21 12:23:48.060	4.442191	10.8661	45.93026
3/17/21 12:24:48.060	4.440332	10.84335	45.93455
3/17/21 12:25:48.060	4.442455	10.85143	45.92965
3/17/21 12:26:48.060	4.439052	10.82941	45.93751
3/17/21 12:27:48.060	4.440763	10.80739	45.93356
3/17/21 12:28:48.060	4.440992	10.84335	45.93303
3/17/21 12:29:48.060	4.438926	10.82941	45.9378
3/17/21 12:30:48.060	4.442011	10.83455	45.93068
3/17/21 12:31:48.060	4.444103	10.82573	45.92585
3/17/21 12:32:48.060	4.443634	10.83455	45.92693
3/17/21 12:33:48.060	4.4408	10.84187	45.93347
3/17/21 12:34:48.060	4.445428	10.84262	45.92279
3/17/21 12:35:48.060	4.441925	10.82867	45.93087
3/17/21 12:36:48.060	4.4408	10.836	45.93347
3/17/21 12:37:48.060	4.440109	10.81618	45.93507
3/17/21 12:38:48.060	4.441683	10.84555	45.93143
3/17/21 12:39:48.060	4.442252	10.84702	45.93012
3/17/21 12:40:48.060	4.442811	10.83894	45.92883
3/17/21 12:41:48.060	4.439819	10.81546	45.93573
3/17/21 12:42:48.060	4.440631	10.86169	45.93386
3/17/21 12:43:48.060	4.44523	10.85069	45.92324
3/17/21 12:44:48.060	4.44578	10.83746	45.92197
3/17/21 12:45:48.060	4.443464	10.84627	45.92732
3/17/21 12:46:48.060	4.444799	10.85803	45.92424
3/17/21 12:47:48.060	4.443245	10.83455	45.92783
3/17/21 12:48:48.060	4.4437	10.85583	45.92678
3/17/21 12:49:48.060	4.446644	10.86391	45.91998
3/17/21 12:50:48.060	4.445482	10.84407	45.92266
3/17/21 12:51:48.060	4.446677	10.81252	45.9199
3/17/21 12:52:48.060	4.445843	10.83527	45.92183
3/17/21 12:53:48.060	4.446961	10.84114	45.91925
3/17/21 12:54:48.060	4.44485	10.81178	45.92412
3/17/21 12:55:48.060	4.447031	10.81912	45.91908
3/17/21 12:56:48.060	4.44692	10.83894	45.91934
3/17/21 12:57:48.060	4.446677	10.81032	45.9199
3/17/21 12:58:48.060	4.448893	10.83014	45.91479
3/17/21 12:59:48.060	4.448429	10.83821	45.91586
3/17/21 13:00:48.060	4.448223	10.84335	45.91633
3/17/21 13:01:48.060	4.446714	10.82573	45.91982
3/17/21 13:02:48.060	4.448661	10.83821	45.91532
3/17/21 13:03:48.060	4.447464	10.85362	45.91808

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3/17/21 13:06:48.060	4.450547	10.84407	45.91096
3/17/21 13:07:48.060	4.451379	10.82498	45.90905
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3/17/21 13:09:48.060	4.450521	10.82867	45.91103
3/17/21 13:10:48.060	4.451799	10.83307	45.90807
3/17/21 13:11:48.060	4.449697	10.85069	45.91293
3/17/21 13:12:48.060	4.451578	10.8316	45.90858
3/17/21 13:13:48.060	4.450511	10.83014	45.91105
3/17/21 13:14:48.060	4.450706	10.82941	45.9106
3/17/21 13:15:48.060	4.450105	10.84702	45.91199
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3/17/21 13:19:48.060	4.453664	10.83307	45.90377
3/17/21 13:20:48.060	4.449548	10.85069	45.91327
3/17/21 13:21:48.060	4.449259	10.84627	45.91394
3/17/21 13:22:48.060	4.452229	10.84187	45.90708
3/17/21 13:23:48.060	4.451934	10.8595	45.90776
3/17/21 13:24:48.060	4.451737	10.83087	45.90822
3/17/21 13:25:48.060	4.451101	10.83821	45.90969
3/17/21 13:26:48.060	4.453846	10.82867	45.90335
3/17/21 13:27:48.060	4.455763	10.82646	45.89892
3/17/21 13:28:48.060	4.454375	10.85655	45.90213
3/17/21 13:29:48.060	4.455634	10.83455	45.89922
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3/17/21 13:31:48.060	4.456841	10.82353	45.89643
3/17/21 13:32:48.060	4.456036	10.84627	45.89829
3/17/21 13:33:48.060	4.454463	10.85143	45.90192
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3/17/21 13:35:48.060	4.45637	10.81471	45.89752
3/17/21 13:36:48.060	4.456624	10.84995	45.89693
3/17/21 13:37:48.060	4.455707	10.83746	45.89905
3/17/21 13:38:48.060	4.453846	10.836	45.90335
3/17/21 13:39:48.060	4.458144	10.84702	45.89342
3/17/21 13:40:48.060	4.459105	10.86023	45.8912
3/17/21 13:41:48.060	4.458826	10.83821	45.89185
3/17/21 13:42:48.060	4.457979	10.84995	45.89381
3/17/21 13:43:48.060	4.456073	10.83675	45.89821
3/17/21 13:44:48.060	4.454501	10.83746	45.90184
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3/17/21 13:54:48.060	4.458232	10.86536	45.89322
3/17/21 13:55:48.060	4.461706	10.83087	45.8852
3/17/21 13:56:48.060	4.460464	10.84187	45.88807
3/17/21 13:57:48.060	4.460744	10.8338	45.88742
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3/17/21 13:59:48.060	4.463	10.83968	45.88221
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3/17/21 14:01:48.060	4.462301	10.8485	45.88383
3/17/21 14:02:48.060	4.462926	10.8485	45.88238
3/17/21 14:03:48.060	4.461608	10.82793	45.88543
3/17/21 14:04:48.060	4.460805	10.82498	45.88728
3/17/21 14:05:48.060	4.461287	10.84187	45.88617
3/17/21 14:06:48.060	4.462627	10.8316	45.88307
3/17/21 14:07:48.060	4.462268	10.85728	45.8839
3/17/21 14:08:48.060	4.461838	10.83087	45.8849
3/17/21 14:09:48.060	4.460024	10.85362	45.88908
3/17/21 14:10:48.060	4.461109	10.84627	45.88658
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3/17/21 14:12:48.060	4.46369	10.83527	45.88062
3/17/21 14:13:48.060	4.463627	10.82353	45.88076
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3/17/21 14:21:48.060	4.465053	10.83087	45.87747
3/17/21 14:22:48.060	4.465549	10.83235	45.87633
3/17/21 14:23:48.060	4.467564	10.82573	45.87167
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3/17/21 14:25:48.060	4.46522	10.83455	45.87709
3/17/21 14:26:48.060	4.466535	10.82426	45.87405
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3/17/21 14:28:48.060	4.468222	10.84702	45.87016
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3/17/21 14:30:48.060	4.469765	10.83746	45.86659
3/17/21 14:31:48.060	4.466898	10.83675	45.87321
3/17/21 14:32:48.060	4.471261	10.84114	45.86314
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3/17/21 14:38:48.060	4.466898	10.84702	45.87321
3/17/21 14:39:48.060	4.46525	10.82059	45.87702
3/17/21 14:40:48.060	4.46261	10.85728	45.88311
3/17/21 14:41:48.060	4.464972	10.81398	45.87766
3/17/21 14:42:48.060	4.46359	10.85362	45.88085
3/17/21 14:43:48.060	4.463137	10.81912	45.8819
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3/17/21 14:45:48.060	4.466217	10.84702	45.87478
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3/17/21 14:47:48.060	4.468913	10.82941	45.86856
3/17/21 14:48:48.060	4.471657	10.8316	45.86222
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3/17/21 14:51:48.060	4.470193	10.82353	45.8656
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3/17/21 14:56:48.060	4.468978	10.83455	45.86841
3/17/21 14:57:48.060	4.469609	10.84187	45.86695
3/17/21 14:58:48.060	4.469187	10.83894	45.86793
3/17/21 14:59:48.060	4.467856	10.86096	45.871
3/17/21 15:00:48.060	4.471349	10.82867	45.86293
3/17/21 15:01:48.060	4.471694	10.85214	45.86214
3/17/21 15:02:48.060	4.471297	10.82426	45.86305
3/17/21 15:03:48.060	4.470671	10.83894	45.8645
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3/17/21 15:14:48.060	4.471854	10.82573	45.86177
3/17/21 15:15:48.060	4.475454	10.84335	45.85346
3/17/21 15:16:48.060	4.471728	10.84114	45.86206
3/17/21 15:17:48.060	4.46915	10.81471	45.86801
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3/17/21 15:19:48.060	4.470688	10.82498	45.86446
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3/17/21 15:21:48.060	4.471765	10.84627	45.86198

3/17/21 15:22:48.060	4.471195	10.84187	45.86329
3/17/21 15:23:48.060	4.471022	10.85214	45.86369
3/17/21 15:24:48.060	4.472517	10.85434	45.86024
3/17/21 15:25:48.060	4.473437	10.81985	45.85811
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3/17/21 15:27:48.060	4.472118	10.83307	45.86116
3/17/21 15:28:48.060	4.472944	10.85214	45.85925
3/17/21 15:29:48.060	4.471984	10.84187	45.86147
3/17/21 15:30:48.060	4.472191	10.82867	45.86099
3/17/21 15:31:48.060	4.476353	10.85143	45.85138
3/17/21 15:32:48.060	4.472218	10.83968	45.86093
3/17/21 15:33:48.060	4.472631	10.83821	45.85997
3/17/21 15:34:48.060	4.475188	10.82133	45.85407
3/17/21 15:35:48.060	4.474336	10.82059	45.85604
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3/17/21 15:38:48.060	4.475951	10.83675	45.85231
3/17/21 15:39:48.060	4.475853	10.83968	45.85254
3/17/21 15:40:48.060	4.475951	10.81839	45.85231
3/17/21 15:41:48.060	4.474644	10.82718	45.85533
3/17/21 15:42:48.060	4.4734	10.82278	45.8582
3/17/21 15:43:48.060	4.475563	10.836	45.8532
3/17/21 15:44:48.060	4.474739	10.86169	45.85511
3/17/21 15:45:48.060	4.474995	10.81985	45.85452
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3/17/21 15:53:48.060	4.472283	10.836	45.86078
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3/17/21 15:55:48.060	4.472944	10.82573	45.85925
3/17/21 15:56:48.060	4.473207	10.83894	45.85865
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3/17/21 15:58:48.060	4.472635	10.83235	45.85997
3/17/21 15:59:48.060	4.4762	10.84482	45.85173
3/17/21 16:00:48.060	4.47436	10.84775	45.85598
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3/17/21 16:02:48.060	4.476211	10.82278	45.85171
3/17/21 16:03:48.060	4.475817	10.84187	45.85262
3/17/21 16:04:48.060	4.474922	10.836	45.85469
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3/17/21 16:07:48.060	4.4775	10.85803	45.84873

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3/17/21 16:16:48.060	4.477102	10.86243	45.84965
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3/17/21 16:19:48.060	4.47606	10.86536	45.85206
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3/17/21 16:21:48.060	4.476732	10.83235	45.85051
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3/17/21 16:28:48.060	4.477676	10.84995	45.84832
3/17/21 16:29:48.060	4.474358	10.83675	45.85599
3/17/21 16:30:48.060	4.475563	10.84627	45.8532
3/17/21 16:31:48.060	4.476211	10.83307	45.85171
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3/17/21 16:39:48.060	4.476412	10.83527	45.85124
3/17/21 16:40:48.060	4.473445	10.85803	45.85809
3/17/21 16:41:48.060	4.474994	10.83455	45.85452
3/17/21 16:42:48.060	4.476804	10.81985	45.85034
3/17/21 16:43:48.060	4.476476	10.86243	45.8511
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3/17/21 16:47:48.060	4.476992	10.82646	45.84991
3/17/21 16:48:48.060	4.474321	10.85509	45.85607
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3/17/21 16:51:48.060	4.479314	10.83307	45.84454
3/17/21 16:52:48.060	4.477167	10.84335	45.8495
3/17/21 16:53:48.060	4.479314	10.83087	45.84454

3/17/21 16:54:48.060	4.479711	10.85876	45.84363
3/17/21 16:55:48.060	4.479059	10.8316	45.84513
3/17/21 16:56:48.060	4.478525	10.86243	45.84637
3/17/21 16:57:48.060	4.475776	10.85655	45.85271
3/17/21 16:58:48.060	4.477962	10.81618	45.84766
3/17/21 16:59:48.060	4.479383	10.84921	45.84438
3/17/21 17:00:48.060	4.477144	10.84775	45.84955
3/17/21 17:01:48.060	4.478519	10.83455	45.84638
3/17/21 17:02:48.060	4.479581	10.85289	45.84393
3/17/21 17:03:48.060	4.479421	10.84114	45.8443
3/17/21 17:04:48.060	4.477053	10.84042	45.84977
3/17/21 17:05:48.060	4.477939	10.85143	45.84772
3/17/21 17:06:48.060	4.479952	10.85214	45.84307
3/17/21 17:07:48.060	4.480107	10.81105	45.84271
3/17/21 17:08:48.060	4.479581	10.86096	45.84393
3/17/21 17:09:48.060	4.48028	10.82353	45.84231
3/17/21 17:10:48.060	4.481826	10.83821	45.83874
3/17/21 17:11:48.060	4.47769	10.83746	45.84829
3/17/21 17:12:48.060	4.481142	10.83087	45.84032
3/17/21 17:13:48.060	4.482122	10.84702	45.83806
3/17/21 17:14:48.060	4.482554	10.8661	45.83706
3/17/21 17:15:48.060	4.483123	10.83746	45.83575
3/17/21 17:16:48.060	4.482692	10.84702	45.83674
3/17/21 17:17:48.060	4.482692	10.85803	45.83674
3/17/21 17:18:48.060	4.485897	10.82718	45.82934
3/17/21 17:19:48.060	4.483823	10.84921	45.83413
3/17/21 17:20:48.060	4.482889	10.83821	45.83629
3/17/21 17:21:48.060	4.484475	10.82498	45.83263
3/17/21 17:22:48.060	4.484181	10.84335	45.83331
3/17/21 17:23:48.060	4.484118	10.84407	45.83345
3/17/21 17:24:48.060	4.483882	10.84042	45.834
3/17/21 17:25:48.060	4.48558	10.82793	45.83007
3/17/21 17:26:48.060	4.482066	10.84042	45.83819
3/17/21 17:27:48.060	4.486152	10.82718	45.82875
3/17/21 17:28:48.060	4.485527	10.83746	45.8302
3/17/21 17:29:48.060	4.485302	10.83821	45.83072
3/17/21 17:30:48.060	4.486201	10.8485	45.82864
3/17/21 17:31:48.060	4.487511	10.85583	45.82561
3/17/21 17:32:48.060	4.484569	10.83746	45.83241
3/17/21 17:33:48.060	4.485918	10.87123	45.8293
3/17/21 17:34:48.060	4.48262	10.83235	45.83691
3/17/21 17:35:48.060	4.483609	10.83235	45.83463
3/17/21 17:36:48.060	4.484579	10.85728	45.83239
3/17/21 17:37:48.060	4.483751	10.82867	45.8343
3/17/21 17:38:48.060	4.481957	10.8595	45.83844
3/17/21 17:39:48.060	4.484961	10.82867	45.8315

3/17/21 17:40:48.060	4.484803	10.83675	45.83187
3/17/21 17:41:48.060	4.485174	10.83675	45.83101
3/17/21 17:42:48.060	4.487279	10.84921	45.82615
3/17/21 17:43:48.060	4.487906	10.84042	45.8247
3/17/21 17:44:48.060	4.484543	10.84555	45.83247
3/17/21 17:45:48.060	4.48426	10.81398	45.83312
3/17/21 17:46:48.060	4.485768	10.83307	45.82964
3/17/21 17:47:48.060	4.486028	10.83746	45.82904
3/17/21 17:48:48.060	4.485491	10.85214	45.83028
3/17/21 17:49:48.060	4.486555	10.82498	45.82782
3/17/21 17:50:48.060	4.488423	10.84114	45.82351
3/17/21 17:51:48.060	4.486201	10.84775	45.82864
3/17/21 17:52:48.060	4.487411	10.81471	45.82585
3/17/21 17:53:48.060	4.487943	10.84262	45.82462
3/17/21 17:54:48.060	4.488611	10.84335	45.82308
3/17/21 17:55:48.060	4.489299	10.84627	45.82149
3/17/21 17:56:48.060	4.48632	10.84335	45.82837
3/17/21 17:57:48.060	4.489171	10.84555	45.82178
3/17/21 17:58:48.060	4.487475	10.84627	45.8257
3/17/21 17:59:48.060	4.487106	10.83968	45.82655
3/17/21 18:00:48.060	4.487711	10.86684	45.82516
3/17/21 18:01:48.060	4.489944	10.8338	45.82
3/17/21 18:02:48.060	4.488371	10.81326	45.82363
3/17/21 18:03:48.060	4.491027	10.85583	45.8175
3/17/21 18:04:48.060	4.486464	10.84775	45.82804
3/17/21 18:05:48.060	4.488575	10.83968	45.82316
3/17/21 18:06:48.060	4.487739	10.83821	45.82509
3/17/21 18:07:48.060	4.487248	10.83746	45.82623
3/17/21 18:08:48.060	4.489521	10.82793	45.82098
3/17/21 18:09:48.060	4.487106	10.8338	45.82655
3/17/21 18:10:48.060	4.488143	10.84407	45.82416
3/17/21 18:11:48.060	4.488496	10.84627	45.82334
3/17/21 18:12:48.060	4.490232	10.83014	45.81934
3/17/21 18:13:48.060	4.48407	10.82498	45.83356
3/17/21 18:14:48.060	4.487885	10.84555	45.82475
3/17/21 18:15:48.060	4.489034	10.83455	45.8221
3/17/21 18:16:48.060	4.489267	10.85434	45.82156
3/17/21 18:17:48.060	4.487775	10.86536	45.82501
3/17/21 18:18:48.060	4.49042	10.83087	45.8189
3/17/21 18:19:48.060	4.489207	10.84921	45.8217
3/17/21 18:20:48.060	4.489485	10.83821	45.82106
3/17/21 18:21:48.060	4.488934	10.83675	45.82233
3/17/21 18:22:48.060	4.491286	10.84775	45.8169
3/17/21 18:23:48.060	4.490678	10.83014	45.81831
3/17/21 18:24:48.060	4.49267	10.82718	45.81371
3/17/21 18:25:48.060	4.485897	10.8485	45.82934

3/17/21 18:26:48.060	4.487848	10.82573	45.82484
3/17/21 18:27:48.060	4.490268	10.82426	45.81925
3/17/21 18:28:48.060	4.492438	10.84775	45.81424
3/17/21 18:29:48.060	4.491646	10.82646	45.81607
3/17/21 18:30:48.060	4.491716	10.81839	45.81591
3/17/21 18:31:48.060	4.489796	10.8338	45.82034
3/17/21 18:32:48.060	4.490192	10.8485	45.81943
3/17/21 18:33:48.060	4.492507	10.82133	45.81408
3/17/21 18:34:48.060	4.488279	10.83087	45.82384
3/17/21 18:35:48.060	4.491682	10.82718	45.81599
3/17/21 18:36:48.060	4.489171	10.8338	45.82178
3/17/21 18:37:48.060	4.491181	10.85214	45.81714
3/17/21 18:38:48.060	4.489267	10.84042	45.82156
3/17/21 18:39:48.060	4.490707	10.84627	45.81824
3/17/21 18:40:48.060	4.491553	10.84262	45.81628
3/17/21 18:41:48.060	4.488702	10.82498	45.82287
3/17/21 18:42:48.060	4.487286	10.84702	45.82614
3/17/21 18:43:48.060	4.489244	10.82793	45.82162
3/17/21 18:44:48.060	4.49096	10.86096	45.81765
3/17/21 18:45:48.060	4.487711	10.84775	45.82516
3/17/21 18:46:48.060	4.488904	10.836	45.8224
3/17/21 18:47:48.060	4.488867	10.84042	45.82249
3/17/21 18:48:48.060	4.489448	10.84555	45.82114
3/17/21 18:49:48.060	4.488532	10.84042	45.82326
3/17/21 18:50:48.060	4.488934	10.83307	45.82233
3/17/21 18:51:48.060	4.490251	10.84555	45.81929
3/17/21 18:52:48.060	4.489832	10.8338	45.82026
3/17/21 18:53:48.060	4.489322	10.84262	45.82144
3/17/21 18:54:48.060	4.490054	10.83821	45.81974
3/17/21 18:55:48.060	4.489759	10.8338	45.82043
3/17/21 18:56:48.060	4.487675	10.8338	45.82524
3/17/21 18:57:48.060	4.488179	10.84407	45.82407
3/17/21 18:58:48.060	4.486161	10.84262	45.82874
3/17/21 18:59:48.060	4.48866	10.8338	45.82296
3/17/21 19:00:48.060	4.487638	10.85069	45.82532
3/17/21 19:01:48.060	4.489606	10.83307	45.82078
3/17/21 19:02:48.060	4.491121	10.83455	45.81728
3/17/21 19:03:48.060	4.488407	10.83821	45.82355
3/17/21 19:04:48.060	4.490619	10.81398	45.81844
3/17/21 19:05:48.060	4.488171	10.84407	45.82409
3/17/21 19:06:48.060	4.492208	10.83087	45.81477
3/17/21 19:07:48.060	4.489981	10.83675	45.81992
3/17/21 19:08:48.060	4.488371	10.84262	45.82363
3/17/21 19:09:48.060	4.492136	10.83087	45.81494
3/17/21 19:10:48.060	4.492765	10.8485	45.81348
3/17/21 19:11:48.060	4.488805	10.84482	45.82263

3/17/21 19:12:48.060	4.485362	10.84482	45.83058
3/17/21 19:13:48.060	4.489461	10.85655	45.82111
3/17/21 19:14:48.060	4.491446	10.82133	45.81653
3/17/21 19:15:48.060	4.490975	10.83307	45.81762
3/17/21 19:16:48.060	4.490919	10.84114	45.81775
3/17/21 19:17:48.060	4.491181	10.85803	45.81714
3/17/21 19:18:48.060	4.493963	10.82867	45.81072
3/17/21 19:19:48.060	4.491187	10.84482	45.81713
3/17/21 19:20:48.060	4.490847	10.84335	45.81792
3/17/21 19:21:48.060	4.494418	10.84482	45.80967
3/17/21 19:22:48.060	4.492543	10.80959	45.814
3/17/21 19:23:48.060	4.49131	10.84995	45.81684
3/17/21 19:24:48.060	4.491553	10.836	45.81628
3/17/21 19:25:48.060	4.494184	10.83087	45.81021
3/17/21 19:26:48.060	4.489652	10.84042	45.82067
3/17/21 19:27:48.060	4.494805	10.83307	45.80877
3/17/21 19:28:48.060	4.493067	10.86169	45.81279
3/17/21 19:29:48.060	4.490811	10.83821	45.818
3/17/21 19:30:48.060	4.490924	10.8316	45.81774
3/17/21 19:31:48.060	4.492693	10.84702	45.81365
3/17/21 19:32:48.060	4.492706	10.84482	45.81362
3/17/21 19:33:48.060	4.49273	10.836	45.81357
3/17/21 19:34:48.060	4.49187	10.86316	45.81555
3/17/21 19:35:48.060	4.493103	10.82573	45.81271
3/17/21 19:36:48.060	4.491774	10.84407	45.81577
3/17/21 19:37:48.060	4.493687	10.82498	45.81136
3/17/21 19:38:48.060	4.496293	10.84555	45.80534
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3/17/21 19:42:48.060	4.491249	10.84407	45.81699
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3/17/21 19:44:48.060	4.493166	10.81618	45.81256
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3/17/21 19:48:48.060	4.493389	10.85289	45.81205
3/17/21 19:49:48.060	4.494812	10.81985	45.80876
3/17/21 19:50:48.060	4.495952	10.84775	45.80613
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3/17/21 19:52:48.060	4.495643	10.82059	45.80684
3/17/21 19:53:48.060	4.495074	10.83968	45.80816
3/17/21 19:54:48.060	4.496831	10.84262	45.8041
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3/17/21 19:56:48.060	4.496085	10.81471	45.80582
3/17/21 19:57:48.060	4.496478	10.81691	45.80491

3/17/21 19:58:48.060	4.495801	10.84921	45.80648
3/17/21 19:59:48.060	4.497716	10.87123	45.80205
3/17/21 20:00:48.060	4.494689	10.84042	45.80904
3/17/21 20:01:48.060	4.500227	10.84482	45.79626
3/17/21 20:02:48.060	4.494061	10.83968	45.81049
3/17/21 20:03:48.060	4.497397	10.84482	45.80279
3/17/21 20:04:48.060	4.495845	10.85143	45.80637
3/17/21 20:05:48.060	4.493453	10.83675	45.8119
3/17/21 20:06:48.060	4.496049	10.8918	45.8059
3/17/21 20:07:48.060	4.496531	10.83307	45.80479
3/17/21 20:08:48.060	4.493987	10.85728	45.81067
3/17/21 20:09:48.060	4.495131	10.82426	45.80803
3/17/21 20:10:48.060	4.496101	10.86023	45.80578
3/17/21 20:11:48.060	4.497131	10.84262	45.80341
3/17/21 20:12:48.060	4.492171	10.84921	45.81486
3/17/21 20:13:48.060	4.496442	10.8338	45.805
3/17/21 20:14:48.060	4.496272	10.84482	45.80539
3/17/21 20:15:48.060	4.49471	10.83455	45.80899
3/17/21 20:16:48.060	4.496085	10.84407	45.80582
3/17/21 20:17:48.060	4.495315	10.82718	45.8076
3/17/21 20:18:48.060	4.497387	10.82867	45.80281
3/17/21 20:19:48.060	4.495095	10.82353	45.80811
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3/17/21 20:21:48.060	4.496231	10.81471	45.80548
3/17/21 20:22:48.060	4.495203	10.85362	45.80786
3/17/21 20:23:48.060	4.494965	10.84627	45.80841
3/17/21 20:24:48.060	4.496856	10.84702	45.80404
3/17/21 20:25:48.060	4.498776	10.83746	45.79961
3/17/21 20:26:48.060	4.497085	10.82498	45.80351
3/17/21 20:27:48.060	4.497962	10.85803	45.80149
3/17/21 20:28:48.060	4.497839	10.82646	45.80177
3/17/21 20:29:48.060	4.49812	10.8485	45.80112
3/17/21 20:30:48.060	4.499468	10.8338	45.79801
3/17/21 20:31:48.060	4.4993	10.84702	45.7984
3/17/21 20:32:48.060	4.497059	10.81546	45.80357
3/17/21 20:33:48.060	4.497753	10.84482	45.80197
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3/17/21 20:35:48.060	4.497651	10.83235	45.8022
3/17/21 20:36:48.060	4.499372	10.82278	45.79823
3/17/21 20:37:48.060	4.501746	10.8485	45.79275
3/17/21 20:38:48.060	4.499005	10.85362	45.79908
3/17/21 20:39:48.060	4.501127	10.83087	45.79418
3/17/21 20:40:48.060	4.499527	10.836	45.79787
3/17/21 20:41:48.060	4.500531	10.85214	45.79556
3/17/21 20:42:48.060	4.502509	10.82793	45.79099
3/17/21 20:43:48.060	4.503439	10.84042	45.78884

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3/17/21 20:47:48.060	4.500034	10.84555	45.7967
3/17/21 20:48:48.060	4.503664	10.85143	45.78832
3/17/21 20:49:48.060	4.503112	10.84555	45.7896
3/17/21 20:50:48.060	4.500661	10.87198	45.79525
3/17/21 20:51:48.060	4.502241	10.84921	45.79161
3/17/21 20:52:48.060	4.499376	10.84262	45.79822
3/17/21 20:53:48.060	4.499804	10.84555	45.79723
3/17/21 20:54:48.060	4.500191	10.83821	45.79634
3/17/21 20:55:48.060	4.498934	10.85434	45.79924
3/17/21 20:56:48.060	4.499732	10.84042	45.7974
3/17/21 20:57:48.060	4.500639	10.83821	45.7953
3/17/21 20:58:48.060	4.500227	10.83307	45.79626
3/17/21 20:59:48.060	4.501421	10.82941	45.7935
3/17/21 21:00:48.060	4.499503	10.82646	45.79793
3/17/21 21:01:48.060	4.499682	10.85289	45.79751
3/17/21 21:02:48.060	4.499909	10.80444	45.79699
3/17/21 21:03:48.060	4.500071	10.84627	45.79662
3/17/21 21:04:48.060	4.501361	10.83894	45.79364
3/17/21 21:05:48.060	4.501613	10.85728	45.79306
3/17/21 21:06:48.060	4.501551	10.82941	45.7932
3/17/21 21:07:48.060	4.503298	10.85655	45.78917
3/17/21 21:08:48.060	4.500839	10.86169	45.79484
3/17/21 21:09:48.060	4.498871	10.83527	45.79939
3/17/21 21:10:48.060	4.499971	10.81032	45.79685
3/17/21 21:11:48.060	4.502472	10.83527	45.79107
3/17/21 21:12:48.060	4.504543	10.85362	45.78629
3/17/21 21:13:48.060	4.503018	10.85289	45.78981
3/17/21 21:14:48.060	4.501818	10.85803	45.79258
3/17/21 21:15:48.060	4.504858	10.82646	45.78556
3/17/21 21:16:48.060	4.505215	10.84627	45.78474
3/17/21 21:17:48.060	4.502833	10.83746	45.79024
3/17/21 21:18:48.060	4.501723	10.8338	45.7928
3/17/21 21:19:48.060	4.504825	10.82498	45.78564
3/17/21 21:20:48.060	4.503475	10.8485	45.78876
3/17/21 21:21:48.060	4.501687	10.84114	45.79288
3/17/21 21:22:48.060	4.503439	10.82278	45.78884
3/17/21 21:23:48.060	4.500567	10.84555	45.79547
3/17/21 21:24:48.060	4.506044	10.80739	45.78283
3/17/21 21:25:48.060	4.500703	10.82573	45.79516
3/17/21 21:26:48.060	4.502383	10.82793	45.79128
3/17/21 21:27:48.060	4.501818	10.85655	45.79258
3/17/21 21:28:48.060	4.503601	10.84775	45.78847
3/17/21 21:29:48.060	4.502774	10.85143	45.79037

3/17/21 21:30:48.060	4.50379	10.83527	45.78803
3/17/21 21:31:48.060	4.503963	10.8338	45.78763
3/17/21 21:32:48.060	4.506245	10.85362	45.78236
3/17/21 21:33:48.060	4.503345	10.8338	45.78906
3/17/21 21:34:48.060	4.506221	10.84921	45.78242
3/17/21 21:35:48.060	4.505143	10.82426	45.7849
3/17/21 21:36:48.060	4.506699	10.83894	45.78131
3/17/21 21:37:48.060	4.505927	10.84627	45.7831
3/17/21 21:38:48.060	4.505287	10.83235	45.78457
3/17/21 21:39:48.060	4.508822	10.85214	45.77641
3/17/21 21:40:48.060	4.506409	10.83527	45.78198
3/17/21 21:41:48.060	4.50741	10.85728	45.77967
3/17/21 21:42:48.060	4.507399	10.80811	45.7797
3/17/21 21:43:48.060	4.504629	10.83307	45.78609
3/17/21 21:44:48.060	4.505325	10.8316	45.78448
3/17/21 21:45:48.060	4.507105	10.85289	45.78038
3/17/21 21:46:48.060	4.508365	10.84482	45.77747
3/17/21 21:47:48.060	4.505048	10.85509	45.78513
3/17/21 21:48:48.060	4.506221	10.84995	45.78242
3/17/21 21:49:48.060	4.506409	10.82498	45.78198
3/17/21 21:50:48.060	4.507009	10.84627	45.7806
3/17/21 21:51:48.060	4.504231	10.83455	45.78701
3/17/21 21:52:48.060	4.507765	10.81912	45.77885
3/17/21 21:53:48.060	4.50671	10.85434	45.78129
3/17/21 21:54:48.060	4.507129	10.84335	45.78032
3/17/21 21:55:48.060	4.504507	10.84555	45.78637
3/17/21 21:56:48.060	4.503868	10.84921	45.78785
3/17/21 21:57:48.060	4.505982	10.83968	45.78297
3/17/21 21:58:48.060	4.505253	10.83235	45.78465
3/17/21 21:59:48.060	4.503739	10.83235	45.78815
3/17/21 22:00:48.060	4.505388	10.84627	45.78434
3/17/21 22:01:48.060	4.50458	10.85143	45.78621
3/17/21 22:02:48.060	4.505552	10.84114	45.78396
3/17/21 22:03:48.060	4.506409	10.84262	45.78198
3/17/21 22:04:48.060	4.503512	10.86096	45.78867
3/17/21 22:05:48.060	4.503211	10.83527	45.78937
3/17/21 22:06:48.060	4.503235	10.83821	45.78931
3/17/21 22:07:48.060	4.505946	10.85362	45.78305
3/17/21 22:08:48.060	4.505927	10.81839	45.7831
3/17/21 22:09:48.060	4.504626	10.85803	45.7861
3/17/21 22:10:48.060	4.503076	10.83968	45.78968
3/17/21 22:11:48.060	4.505946	10.84187	45.78305
3/17/21 22:12:48.060	4.503139	10.85655	45.78953
3/17/21 22:13:48.060	4.503926	10.86243	45.78772
3/17/21 22:14:48.060	4.503102	10.84407	45.78962
3/17/21 22:15:48.060	4.504436	10.84921	45.78654

3/17/21 22:16:48.060	4.504034	10.83968	45.78746
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3/17/21 22:18:48.060	4.50671	10.82278	45.78129
3/17/21 22:19:48.060	4.506109	10.82207	45.78268
3/17/21 22:20:48.060	4.506674	10.83235	45.78137
3/17/21 22:21:48.060	4.50657	10.82498	45.78161
3/17/21 22:22:48.060	4.506517	10.81546	45.78173
3/17/21 22:23:48.060	4.50506	10.84775	45.7851
3/17/21 22:24:48.060	4.505687	10.83675	45.78365
3/17/21 22:25:48.060	4.506641	10.83235	45.78144
3/17/21 22:26:48.060	4.505588	10.83527	45.78388
3/17/21 22:27:48.060	4.505033	10.85583	45.78516
3/17/21 22:28:48.060	4.506009	10.84627	45.78291
3/17/21 22:29:48.060	4.503211	10.83527	45.78937
3/17/21 22:30:48.060	4.502715	10.84114	45.79051
3/17/21 22:31:48.060	4.505651	10.83307	45.78373
3/17/21 22:32:48.060	4.503112	10.82793	45.7896
3/17/21 22:33:48.060	4.507237	10.83821	45.78007
3/17/21 22:34:48.060	4.503868	10.82498	45.78785
3/17/21 22:35:48.060	4.504795	10.8316	45.78571
3/17/21 22:36:48.060	4.5069	10.84775	45.78085
3/17/21 22:37:48.060	4.505215	10.84555	45.78474
3/17/21 22:38:48.060	4.50741	10.84335	45.77967
3/17/21 22:39:48.060	4.507906	10.85069	45.77853
3/17/21 22:40:48.060	4.509053	10.85289	45.77588
3/17/21 22:41:48.060	4.510178	10.85728	45.77328
3/17/21 22:42:48.060	4.50803	10.81546	45.77824
3/17/21 22:43:48.060	4.508786	10.83968	45.77649
3/17/21 22:44:48.060	4.508594	10.84262	45.77694
3/17/21 22:45:48.060	4.508121	10.85289	45.77803
3/17/21 22:46:48.060	4.507942	10.85728	45.77844
3/17/21 22:47:48.060	4.508858	10.83968	45.77633
3/17/21 22:48:48.060	4.508782	10.82941	45.7765
3/17/21 22:49:48.060	4.510284	10.86391	45.77303
3/17/21 22:50:48.060	4.509907	10.84407	45.77391
3/17/21 22:51:48.060	4.511728	10.83968	45.7697
3/17/21 22:52:48.060	4.509822	10.83894	45.7741
3/17/21 22:53:48.060	4.511004	10.83307	45.77137
3/17/21 22:54:48.060	4.509683	10.85143	45.77442
3/17/21 22:55:48.060	4.511211	10.82133	45.77089
3/17/21 22:56:48.060	4.509521	10.82646	45.7748
3/17/21 22:57:48.060	4.509925	10.82573	45.77386
3/17/21 22:58:48.060	4.511176	10.85876	45.77097
3/17/21 22:59:48.060	4.509973	10.8316	45.77375
3/17/21 23:00:48.060	4.511635	10.84482	45.76992
3/17/21 23:01:48.060	4.511469	10.83455	45.7703

3/17/21 23:02:48.060	4.51004	10.83087	45.7736
3/17/21 23:03:48.060	4.511173	10.83455	45.77098
3/17/21 23:04:48.060	4.510213	10.83014	45.7732
3/17/21 23:05:48.060	4.510249	10.85728	45.77312
3/17/21 23:06:48.060	4.509749	10.81985	45.77427
3/17/21 23:07:48.060	4.509583	10.87198	45.77465
3/17/21 23:08:48.060	4.510585	10.85143	45.77234
3/17/21 23:09:48.060	4.511571	10.86023	45.77007
3/17/21 23:10:48.060	4.509035	10.82941	45.77592
3/17/21 23:11:48.060	4.509714	10.84262	45.77435
3/17/21 23:12:48.060	4.508328	10.82646	45.77755
3/17/21 23:13:48.060	4.50787	10.85655	45.77861
3/17/21 23:14:48.060	4.511041	10.83014	45.77129
3/17/21 23:15:48.060	4.508157	10.85362	45.77795
3/17/21 23:16:48.060	4.50928	10.84775	45.77535
3/17/21 23:17:48.060	4.50741	10.8338	45.77967
3/17/21 23:18:48.060	4.509637	10.8485	45.77453
3/17/21 23:19:48.060	4.508137	10.86169	45.77799
3/17/21 23:20:48.060	4.508314	10.83821	45.77758
3/17/21 23:21:48.060	4.513087	10.84114	45.76656
3/17/21 23:22:48.060	4.51004	10.85362	45.7736
3/17/21 23:23:48.060	4.511295	10.85876	45.7707
3/17/21 23:24:48.060	4.509562	10.86243	45.7747
3/17/21 23:25:48.060	4.512133	10.85509	45.76877
3/17/21 23:26:48.060	4.510249	10.83821	45.77312
3/17/21 23:27:48.060	4.511332	10.81766	45.77061
3/17/21 23:28:48.060	4.509937	10.8338	45.77383
3/17/21 23:29:48.060	4.512432	10.83455	45.76807
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3/17/21 23:31:48.060	4.509424	10.81912	45.77502
3/17/21 23:32:48.060	4.509937	10.83894	45.77383
3/17/21 23:33:48.060	4.509218	10.84702	45.7755
3/17/21 23:34:48.060	4.511635	10.84702	45.76992
3/17/21 23:35:48.060	4.508522	10.81766	45.7771
3/17/21 23:36:48.060	4.510077	10.84702	45.77351
3/17/21 23:37:48.060	4.509817	10.8316	45.77411
3/17/21 23:38:48.060	4.509786	10.836	45.77419
3/17/21 23:39:48.060	4.5111	10.80959	45.77115
3/17/21 23:40:48.060	4.513081	10.84187	45.76658
3/17/21 23:41:48.060	4.51055	10.85214	45.77242
3/17/21 23:42:48.060	4.512422	10.84335	45.7681
3/17/21 23:43:48.060	4.51146	10.86536	45.77032
3/17/21 23:44:48.060	4.510704	10.82793	45.77206
3/17/21 23:45:48.060	4.509485	10.82426	45.77488
3/17/21 23:46:48.060	4.509647	10.82573	45.77451
3/17/21 23:47:48.060	4.512288	10.83746	45.76841

3/17/21 23:48:48.060	4.509177	10.84555	45.77559
3/17/21 23:49:48.060	4.511657	10.86536	45.76987
3/17/21 23:50:48.060	4.512396	10.84187	45.76816
3/17/21 23:51:48.060	4.510846	10.82426	45.77174
3/17/21 23:52:48.060	4.515415	10.80885	45.76119
3/17/21 23:53:48.060	4.510474	10.84262	45.7726
3/17/21 23:54:48.060	4.509907	10.85728	45.77391
3/17/21 23:55:48.060	4.51308	10.84042	45.76658
3/17/21 23:56:48.060	4.511004	10.82059	45.77137
3/17/21 23:57:48.060	4.511635	10.83821	45.76992
3/17/21 23:58:48.060	4.512463	10.83675	45.76801
3/17/21 23:59:48.060	4.51358	10.81471	45.76542
3/18/21 0:00:48.060	4.51269	10.84995	45.76748
3/18/21 0:01:48.060	4.51401	10.85362	45.76443
3/18/21 0:02:48.060	4.514511	10.836	45.76328
3/18/21 0:03:48.060	4.5157	10.85214	45.76053
3/18/21 0:04:48.060	4.516416	10.84335	45.75888
3/18/21 0:05:48.060	4.515307	10.85143	45.76144
3/18/21 0:06:48.060	4.512599	10.83307	45.76769
3/18/21 0:07:48.060	4.513289	10.836	45.76609
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3/18/21 0:12:48.060	4.51463	10.82207	45.763
3/18/21 0:13:48.060	4.5152	10.83455	45.76168
3/18/21 0:14:48.060	4.514999	10.83087	45.76215
3/18/21 0:15:48.060	4.514652	10.85214	45.76295
3/18/21 0:16:48.060	4.515455	10.83235	45.7611
3/18/21 0:17:48.060	4.515455	10.83455	45.7611
3/18/21 0:18:48.060	4.512563	10.84042	45.76777
3/18/21 0:19:48.060	4.514702	10.83746	45.76283
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3/18/21 0:22:48.060	4.511433	10.83527	45.77038
3/18/21 0:23:48.060	4.516001	10.8595	45.75983
3/18/21 0:24:48.060	4.515374	10.83746	45.76128
3/18/21 0:25:48.060	4.517044	10.8316	45.75743
3/18/21 0:26:48.060	4.514617	10.83087	45.76303
3/18/21 0:27:48.060	4.514436	10.83746	45.76345
3/18/21 0:28:48.060	4.513944	10.83455	45.76458
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3/18/21 0:30:48.060	4.513361	10.84775	45.76593
3/18/21 0:31:48.060	4.514306	10.82867	45.76375
3/18/21 0:32:48.060	4.516191	10.82867	45.7594
3/18/21 0:33:48.060	4.516088	10.836	45.75964

3/18/21 0:34:48.060	4.513912	10.83746	45.76466
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3/18/21 0:36:48.060	4.513616	10.82573	45.76534
3/18/21 0:37:48.060	4.514839	10.8338	45.76252
3/18/21 0:38:48.060	4.514974	10.83455	45.76221
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3/18/21 0:41:48.060	4.517151	10.82867	45.75718
3/18/21 0:42:48.060	4.515991	10.83968	45.75986
3/18/21 0:43:48.060	4.516211	10.82278	45.75935
3/18/21 0:44:48.060	4.51708	10.81105	45.75734
3/18/21 0:45:48.060	4.519484	10.86243	45.75179
3/18/21 0:46:48.060	4.517044	10.83894	45.75743
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3/18/21 0:49:48.060	4.516783	10.8338	45.75803
3/18/21 0:50:48.060	4.517574	10.84627	45.7562
3/18/21 0:51:48.060	4.517841	10.87564	45.75558
3/18/21 0:52:48.060	4.519028	10.8316	45.75285
3/18/21 0:53:48.060	4.520549	10.83746	45.74933
3/18/21 0:54:48.060	4.517307	10.82426	45.75682
3/18/21 0:55:48.060	4.517288	10.84775	45.75686
3/18/21 0:56:48.060	4.518368	10.84042	45.75437
3/18/21 0:57:48.060	4.51844	10.81839	45.7542
3/18/21 0:58:48.060	4.517382	10.82646	45.75665
3/18/21 0:59:48.060	4.519001	10.84921	45.75291
3/18/21 1:00:48.060	4.519202	10.82498	45.75244
3/18/21 1:01:48.060	4.518072	10.84482	45.75505
3/18/21 1:02:48.060	4.516001	10.836	45.75983
3/18/21 1:03:48.060	4.516123	10.82867	45.75955
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3/18/21 1:07:48.060	4.517115	10.82278	45.75726
3/18/21 1:08:48.060	4.517751	10.83821	45.75579
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3/18/21 1:14:48.060	4.519099	10.82867	45.75268
3/18/21 1:15:48.060	4.519235	10.82426	45.75237
3/18/21 1:16:48.060	4.519099	10.85803	45.75268
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3/18/21 1:18:48.060	4.515996	10.83821	45.75985
3/18/21 1:19:48.060	4.519521	10.82646	45.75171

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3/18/21 1:25:48.060	4.521381	10.82133	45.74741
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3/18/21 1:28:48.060	4.521453	10.84702	45.74725
3/18/21 1:29:48.060	4.521612	10.84114	45.74688
3/18/21 1:30:48.060	4.520916	10.83821	45.74849
3/18/21 1:31:48.060	4.520463	10.84114	45.74953
3/18/21 1:32:48.060	4.519238	10.8316	45.75236
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3/18/21 1:36:48.060	4.519135	10.83675	45.7526
3/18/21 1:37:48.060	4.51884	10.83527	45.75328
3/18/21 1:38:48.060	4.521245	10.82793	45.74773
3/18/21 1:39:48.060	4.521614	10.82426	45.74688
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3/18/21 1:41:48.060	4.520782	10.81839	45.74879
3/18/21 1:42:48.060	4.51979	10.84262	45.75109
3/18/21 1:43:48.060	4.519059	10.82867	45.75277
3/18/21 1:44:48.060	4.519037	10.83307	45.75283
3/18/21 1:45:48.060	4.521737	10.85803	45.74659
3/18/21 1:46:48.060	4.517489	10.83894	45.7564
3/18/21 1:47:48.060	4.516068	10.84627	45.75968
3/18/21 1:48:48.060	4.518204	10.84702	45.75475
3/18/21 1:49:48.060	4.516454	10.82573	45.75879
3/18/21 1:50:48.060	4.520398	10.85362	45.74968
3/18/21 1:51:48.060	4.518996	10.82867	45.75292
3/18/21 1:52:48.060	4.51728	10.83821	45.75688
3/18/21 1:53:48.060	4.518281	10.85509	45.75457
3/18/21 1:54:48.060	4.51896	10.82207	45.753
3/18/21 1:55:48.060	4.519965	10.85143	45.75068
3/18/21 1:56:48.060	4.517684	10.85728	45.75595
3/18/21 1:57:48.060	4.521773	10.85069	45.74651
3/18/21 1:58:48.060	4.520391	10.84482	45.7497
3/18/21 1:59:48.060	4.517805	10.80959	45.75567
3/18/21 2:00:48.060	4.517841	10.8338	45.75558
3/18/21 2:01:48.060	4.51896	10.82426	45.753
3/18/21 2:02:48.060	4.520756	10.84262	45.74886
3/18/21 2:03:48.060	4.519893	10.83455	45.75085
3/18/21 2:04:48.060	4.522019	10.86023	45.74594
3/18/21 2:05:48.060	4.522006	10.84262	45.74597

3/18/21 2:06:48.060	4.521969	10.85583	45.74606
3/18/21 2:07:48.060	4.522601	10.81618	45.74459
3/18/21 2:08:48.060	4.519813	10.83235	45.75103
3/18/21 2:09:48.060	4.521318	10.85728	45.74756
3/18/21 2:10:48.060	4.518168	10.83455	45.75483
3/18/21 2:11:48.060	4.52088	10.84407	45.74857
3/18/21 2:12:48.060	4.521909	10.84995	45.74619
3/18/21 2:13:48.060	4.523068	10.85509	45.74352
3/18/21 2:14:48.060	4.519732	10.84555	45.75122
3/18/21 2:15:48.060	4.518861	10.84482	45.75323
3/18/21 2:16:48.060	4.520222	10.8316	45.75009
3/18/21 2:17:48.060	4.521542	10.84407	45.74704
3/18/21 2:18:48.060	4.518512	10.85728	45.75404
3/18/21 2:19:48.060	4.521873	10.8485	45.74628
3/18/21 2:20:48.060	4.520782	10.82133	45.74879
3/18/21 2:21:48.060	4.517577	10.83821	45.7562
3/18/21 2:22:48.060	4.521944	10.85803	45.74611
3/18/21 2:23:48.060	4.520916	10.82718	45.74849
3/18/21 2:24:48.060	4.522341	10.84555	45.7452
3/18/21 2:25:48.060	4.522335	10.8338	45.74521
3/18/21 2:26:48.060	4.522703	10.84775	45.74436
3/18/21 2:27:48.060	4.525012	10.84627	45.73903
3/18/21 2:28:48.060	4.524062	10.84042	45.74122
3/18/21 2:29:48.060	4.522233	10.84921	45.74545
3/18/21 2:30:48.060	4.520782	10.84482	45.74879
3/18/21 2:31:48.060	4.523958	10.85876	45.74146
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3/18/21 2:33:48.060	4.523294	10.83235	45.74299
3/18/21 2:34:48.060	4.526503	10.83968	45.73559
3/18/21 2:35:48.060	4.524281	10.83968	45.74072
3/18/21 2:36:48.060	4.525809	10.8485	45.73719
3/18/21 2:37:48.060	4.525302	10.84555	45.73836
3/18/21 2:38:48.060	4.525631	10.84482	45.7376
3/18/21 2:39:48.060	4.524486	10.83527	45.74024
3/18/21 2:40:48.060	4.525373	10.83455	45.73819
3/18/21 2:41:48.060	4.523887	10.81766	45.74163
3/18/21 2:42:48.060	4.524255	10.8316	45.74078
3/18/21 2:43:48.060	4.5225	10.86023	45.74483
3/18/21 2:44:48.060	4.524323	10.83087	45.74062
3/18/21 2:45:48.060	4.524614	10.836	45.73995
3/18/21 2:46:48.060	4.523721	10.82573	45.74201
3/18/21 2:47:48.060	4.523757	10.83746	45.74192
3/18/21 2:48:48.060	4.525845	10.84555	45.73711
3/18/21 2:49:48.060	4.525514	10.83307	45.73787
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3/18/21 2:54:48.060	4.522739	10.86243	45.74427
3/18/21 2:55:48.060	4.524148	10.8037	45.74102
3/18/21 2:56:48.060	4.524385	10.82207	45.74047
3/18/21 2:57:48.060	4.525631	10.84262	45.7376
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3/18/21 2:59:48.060	4.525371	10.83455	45.7382
3/18/21 3:00:48.060	4.527983	10.82867	45.73217
3/18/21 3:01:48.060	4.523584	10.83235	45.74232
3/18/21 3:02:48.060	4.526962	10.81691	45.73452
3/18/21 3:03:48.060	4.525514	10.85434	45.73787
3/18/21 3:04:48.060	4.526559	10.83235	45.73546
3/18/21 3:05:48.060	4.52786	10.83675	45.73245
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3/18/21 3:07:48.060	4.52531	10.8595	45.73834
3/18/21 3:08:48.060	4.528215	10.8485	45.73163
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3/18/21 3:10:48.060	4.526468	10.84262	45.73566
3/18/21 3:11:48.060	4.527253	10.86536	45.73385
3/18/21 3:12:48.060	4.528247	10.83527	45.73156
3/18/21 3:13:48.060	4.527026	10.85583	45.73438
3/18/21 3:14:48.060	4.525241	10.83821	45.7385
3/18/21 3:15:48.060	4.52977	10.83746	45.72804
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3/18/21 3:17:48.060	4.526594	10.82207	45.73537
3/18/21 3:18:48.060	4.530134	10.83675	45.7272
3/18/21 3:19:48.060	4.525969	10.84335	45.73682
3/18/21 3:20:48.060	4.528587	10.84335	45.73077
3/18/21 3:21:48.060	4.527975	10.83746	45.73219
3/18/21 3:22:48.060	4.528516	10.84995	45.73094
3/18/21 3:23:48.060	4.527431	10.83968	45.73344
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3/18/21 3:25:48.060	4.52822	10.83455	45.73162
3/18/21 3:26:48.060	4.527253	10.82573	45.73385
3/18/21 3:27:48.060	4.527295	10.86391	45.73376
3/18/21 3:28:48.060	4.528583	10.83746	45.73078
3/18/21 3:29:48.060	4.530726	10.836	45.72583
3/18/21 3:30:48.060	4.527563	10.83746	45.73314
3/18/21 3:31:48.060	4.52786	10.85434	45.73245
3/18/21 3:32:48.060	4.530638	10.83968	45.72604
3/18/21 3:33:48.060	4.525539	10.82426	45.73781
3/18/21 3:34:48.060	4.527024	10.83894	45.73438
3/18/21 3:35:48.060	4.529601	10.83087	45.72843
3/18/21 3:36:48.060	4.527658	10.85509	45.73292
3/18/21 3:37:48.060	4.52726	10.82867	45.73384

3/18/21 3:38:48.060	4.525702	10.84042	45.73743
3/18/21 3:39:48.060	4.525443	10.82941	45.73803
3/18/21 3:40:48.060	4.529239	10.82941	45.72927
3/18/21 3:41:48.060	4.525996	10.85289	45.73676
3/18/21 3:42:48.060	4.52786	10.84407	45.73245
3/18/21 3:43:48.060	4.527225	10.84262	45.73392
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3/18/21 3:45:48.060	4.528414	10.83455	45.73117
3/18/21 3:46:48.060	4.530926	10.8338	45.72537
3/18/21 3:47:48.060	4.529666	10.85143	45.72828
3/18/21 3:48:48.060	4.52822	10.86316	45.73162
3/18/21 3:49:48.060	4.527588	10.84482	45.73308
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3/18/21 3:55:48.060	4.527659	10.85728	45.73291
3/18/21 3:56:48.060	4.530103	10.83968	45.72728
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3/18/21 3:59:48.060	4.530496	10.83527	45.72637
3/18/21 4:00:48.060	4.529742	10.83455	45.72811
3/18/21 4:01:48.060	4.531457	10.8338	45.72415
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3/18/21 4:04:48.060	4.532312	10.86023	45.72217
3/18/21 4:05:48.060	4.532012	10.84187	45.72287
3/18/21 4:06:48.060	4.531894	10.84482	45.72314
3/18/21 4:07:48.060	4.534011	10.81546	45.71825
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3/18/21 4:09:48.060	4.531145	10.84042	45.72487
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3/18/21 4:11:48.060	4.532549	10.8485	45.72163
3/18/21 4:12:48.060	4.531827	10.83675	45.72329
3/18/21 4:13:48.060	4.532106	10.83527	45.72265
3/18/21 4:14:48.060	4.532614	10.83014	45.72148
3/18/21 4:15:48.060	4.534962	10.84335	45.71606
3/18/21 4:16:48.060	4.528551	10.81398	45.73086
3/18/21 4:17:48.060	4.530751	10.84407	45.72578
3/18/21 4:18:48.060	4.530691	10.84262	45.72592
3/18/21 4:19:48.060	4.531712	10.83675	45.72356
3/18/21 4:20:48.060	4.534306	10.86316	45.71757
3/18/21 4:21:48.060	4.530531	10.82793	45.72628
3/18/21 4:22:48.060	4.53155	10.83968	45.72393
3/18/21 4:23:48.060	4.530787	10.84775	45.72569

3/18/21 4:24:48.060	4.532084	10.8338	45.7227
3/18/21 4:25:48.060	4.53265	10.83527	45.72139
3/18/21 4:26:48.060	4.530716	10.84921	45.72586
3/18/21 4:27:48.060	4.532383	10.84775	45.72201
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3/18/21 4:29:48.060	4.532072	10.8661	45.72273
3/18/21 4:30:48.060	4.530751	10.84482	45.72578
3/18/21 4:31:48.060	4.531712	10.836	45.72356
3/18/21 4:32:48.060	4.533802	10.83235	45.71873
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3/18/21 4:34:48.060	4.531693	10.83087	45.7236
3/18/21 4:35:48.060	4.531755	10.83307	45.72346
3/18/21 4:36:48.060	4.53062	10.85803	45.72608
3/18/21 4:37:48.060	4.53214	10.84042	45.72257
3/18/21 4:38:48.060	4.534011	10.84262	45.71825
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3/18/21 4:42:48.060	4.530638	10.84187	45.72604
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3/18/21 4:57:48.060	4.533606	10.81912	45.71918
3/18/21 4:58:48.060	4.53193	10.85214	45.72306
3/18/21 4:59:48.060	4.534011	10.84407	45.71825
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3/18/21 5:01:48.060	4.534163	10.84335	45.7179
3/18/21 5:02:48.060	4.533099	10.83455	45.72036
3/18/21 5:03:48.060	4.532155	10.8316	45.72254
3/18/21 5:04:48.060	4.533804	10.8485	45.71873
3/18/21 5:05:48.060	4.531179	10.8316	45.72479
3/18/21 5:06:48.060	4.534722	10.82278	45.71661
3/18/21 5:07:48.060	4.534104	10.85362	45.71804
3/18/21 5:08:48.060	4.536571	10.83894	45.71234
3/18/21 5:09:48.060	4.535754	10.84702	45.71423

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3/18/21 5:11:48.060	4.534496	10.84407	45.71713
3/18/21 5:12:48.060	4.536116	10.84335	45.71339
3/18/21 5:13:48.060	4.533698	10.8485	45.71897
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3/18/21 5:15:48.060	4.535487	10.83821	45.71484
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3/18/21 5:17:48.060	4.536745	10.84407	45.71194
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3/18/21 5:21:48.060	4.534793	10.8338	45.71645
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3/18/21 5:25:48.060	4.535842	10.83968	45.71402
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3/18/21 5:32:48.060	4.53793	10.83235	45.7092
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3/18/21 5:47:48.060	4.535455	10.84775	45.71492
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3/18/21 5:49:48.060	4.53642	10.836	45.71269
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3/18/21 5:51:48.060	4.536483	10.84335	45.71254
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3/18/21 5:53:48.060	4.537047	10.83821	45.71124
3/18/21 5:54:48.060	4.538285	10.86169	45.70838
3/18/21 5:55:48.060	4.536283	10.82207	45.71301

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3/18/21 5:57:48.060	4.536922	10.84042	45.71153
3/18/21 5:58:48.060	4.537208	10.82867	45.71087
3/18/21 5:59:48.060	4.536606	10.836	45.71226
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3/18/21 6:01:48.060	4.534984	10.86978	45.716
3/18/21 6:02:48.060	4.537012	10.8338	45.71132
3/18/21 6:03:48.060	4.537436	10.8338	45.71034
3/18/21 6:04:48.060	4.537931	10.83675	45.7092
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3/18/21 6:06:48.060	4.53651	10.82718	45.71248
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3/18/21 6:08:48.060	4.538234	10.84187	45.7085
3/18/21 6:09:48.060	4.537459	10.85362	45.71029
3/18/21 6:10:48.060	4.538523	10.84114	45.70783
3/18/21 6:11:48.060	4.53936	10.84555	45.7059
3/18/21 6:12:48.060	4.537732	10.85362	45.70966
3/18/21 6:13:48.060	4.537208	10.83014	45.71087
3/18/21 6:14:48.060	4.537208	10.83894	45.71087
3/18/21 6:15:48.060	4.538851	10.82207	45.70707
3/18/21 6:16:48.060	4.53876	10.836	45.70728
3/18/21 6:17:48.060	4.537172	10.80811	45.71095
3/18/21 6:18:48.060	4.533569	10.84775	45.71927
3/18/21 6:19:48.060	4.539024	10.84187	45.70667
3/18/21 6:20:48.060	4.539405	10.83527	45.7058
3/18/21 6:21:48.060	4.537932	10.8338	45.70919
3/18/21 6:22:48.060	4.540569	10.84555	45.70311
3/18/21 6:23:48.060	4.538214	10.83821	45.70855
3/18/21 6:24:48.060	4.538523	10.836	45.70783
3/18/21 6:25:48.060	4.538652	10.85434	45.70753
3/18/21 6:26:48.060	4.537274	10.8485	45.71072
3/18/21 6:27:48.060	4.537208	10.83527	45.71087
3/18/21 6:28:48.060	4.539289	10.84921	45.70607
3/18/21 6:29:48.060	4.538002	10.82573	45.70903
3/18/21 6:30:48.060	4.54043	10.85728	45.70343
3/18/21 6:31:48.060	4.537345	10.85069	45.71055
3/18/21 6:32:48.060	4.539513	10.83014	45.70555
3/18/21 6:33:48.060	4.541096	10.87418	45.70189
3/18/21 6:34:48.060	4.540218	10.83527	45.70392
3/18/21 6:35:48.060	4.537382	10.86316	45.71046
3/18/21 6:36:48.060	4.539264	10.83527	45.70612
3/18/21 6:37:48.060	4.537603	10.83455	45.70996
3/18/21 6:38:48.060	4.537826	10.85069	45.70944
3/18/21 6:39:48.060	4.536886	10.83746	45.71161
3/18/21 6:40:48.060	4.539453	10.85362	45.70568
3/18/21 6:41:48.060	4.540044	10.85583	45.70432

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3/18/21 6:44:48.060	4.538166	10.84262	45.70866
3/18/21 6:45:48.060	4.540931	10.83087	45.70227
3/18/21 6:46:48.060	4.537931	10.84187	45.7092
3/18/21 6:47:48.060	4.540452	10.84335	45.70338
3/18/21 6:48:48.060	4.539626	10.85509	45.70528
3/18/21 6:49:48.060	4.541277	10.83527	45.70147
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3/18/21 6:53:48.060	4.539422	10.83894	45.70576
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3/18/21 6:55:48.060	4.541536	10.82718	45.70087
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3/18/21 11:00:48.060	4.55727	10.83235	45.66455
3/18/21 11:01:48.060	4.554777	10.83894	45.6703
3/18/21 11:02:48.060	4.55739	10.8338	45.66427
3/18/21 11:03:48.060	4.557033	10.84555	45.66509
3/18/21 11:04:48.060	4.555406	10.81985	45.66885
3/18/21 11:05:48.060	4.559013	10.83455	45.66052
3/18/21 11:06:48.060	4.555696	10.83235	45.66818
3/18/21 11:07:48.060	4.557594	10.85289	45.6638
3/18/21 11:08:48.060	4.556537	10.8338	45.66624
3/18/21 11:09:48.060	4.558222	10.81105	45.66235
3/18/21 11:10:48.060	4.559378	10.85876	45.65968
3/18/21 11:11:48.060	4.557852	10.82718	45.6632
3/18/21 11:12:48.060	4.558584	10.85434	45.66151
3/18/21 11:13:48.060	4.558018	10.8338	45.66282
3/18/21 11:14:48.060	4.556758	10.83527	45.66573
3/18/21 11:15:48.060	4.560105	10.83014	45.658
3/18/21 11:16:48.060	4.559865	10.83455	45.65855
3/18/21 11:17:48.060	4.558054	10.84702	45.66273

3/18/21 11:18:48.060	4.557696	10.84482	45.66356
3/18/21 11:19:48.060	4.559342	10.83821	45.65976
3/18/21 11:20:48.060	4.558121	10.83235	45.66258
3/18/21 11:21:48.060	4.559143	10.8316	45.66022
3/18/21 11:22:48.060	4.559107	10.83746	45.66031
3/18/21 11:23:48.060	4.56023	10.83307	45.65771
3/18/21 11:24:48.060	4.559146	10.84555	45.66021
3/18/21 11:25:48.060	4.55792	10.836	45.66304
3/18/21 11:26:48.060	4.558053	10.81912	45.66273
3/18/21 11:27:48.060	4.558476	10.87491	45.66176
3/18/21 11:28:48.060	4.557355	10.83821	45.66435
3/18/21 11:29:48.060	4.560887	10.84114	45.65619
3/18/21 11:30:48.060	4.558476	10.836	45.66176
3/18/21 11:31:48.060	4.559321	10.83307	45.65981
3/18/21 11:32:48.060	4.556076	10.84407	45.6673
3/18/21 11:33:48.060	4.559107	10.82059	45.66031
3/18/21 11:34:48.060	4.55954	10.82498	45.65931
3/18/21 11:35:48.060	4.557984	10.82133	45.6629
3/18/21 11:36:48.060	4.558681	10.84114	45.66129

Log Notes

2021-03-18 11:36:57.006 Stopped

APPENDIX D

APRIL 23, 2021 DATA SUBMISSION

Christopher Gabriel

From: Christopher Gabriel
Sent: Friday, April 23, 2021 9:29 AM
To: Forrest Earl; Michael Ryan; Kathleen McGrath; Berninger, Steven G (HEALTH); Scharf, Brianna L (DEC); Saucier, Sarah K (DEC); McLaughlin, Scarlett E (HEALTH); Kranes, Nathan
Subject: RE: Former Smith Corona - Shutdown Test Sampling 4-20-21
Attachments: Shallow Well GW Contour Map 4-20-2021 Post-Shutdown.pdf; Deep Well GW Contour Map 4-20-2021 Post-Shutdown.pdf; Table 1 - GW Sampling Field Observations 4-20-2021.pdf; Results for 4-20-2021 Samples AX - PROJECT - 2105526.pdf

All:

Attached please find the groundwater contour maps (4-20-2021 shallow and deep), water level readings and the analytical results for the samples collected on April 20, 2021. All results below standards. Highest TCE concentration of 1.87 µg/L observed at MW-7. Thank you, Chris.

Christopher T. Gabriel
GeoLogic NY, PC
P.O. Box 350
Homer, New York 13077
Phone: 607-749-5000
Fax: 607-749-5063

From: Forrest Earl <forrest@geologic.net>
Sent: Monday, April 19, 2021 9:00 AM
To: Michael Ryan <mryan@cortland-co.org>; Kathleen McGrath <kathleen.mcgrath@cortlandswcd.org>; Berninger, Steven G (HEALTH) <Steven.Berninger@health.ny.gov>; Scharf, Brianna L (DEC) <Brianna.Scharf@dec.ny.gov>; Saucier, Sarah K (DEC) <Sarah.Saucier@dec.ny.gov>; McLaughlin, Scarlett E (HEALTH) <scarlett.mclaughlin@health.ny.gov>; Kranes, Nathan <NKranes@trcccompanies.com>
Cc: Christopher Gabriel <chrisg@geologic.net>
Subject: Former Smith Corona - Shutdown Test Sampling 4-20-21

We will be collecting the 1st set of monthly groundwater samples tomorrow.

I will be out of town Thursday through Monday. Chris Gabriel will forward the results along with the water level data once we receive them.

Forrest Earl, P.G.
GeoLogic NY, P.C.
PO Box 350
37 Copeland Avenue
Homer, NY 13077
607-749-5000

From: Forrest Earl
Sent: Friday, April 2, 2021 1:37 PM
To: Michael Ryan <mryan@cortland-co.org>; Kathleen McGrath <kathleen.mcgrath@cortlandswcd.org>; Berninger, Steven G (HEALTH) <Steven.Berninger@health.ny.gov>; Scharf, Brianna L (DEC) <Brianna.Scharf@dec.ny.gov>; Saucier, Sarah K (DEC) <Sarah.Saucier@dec.ny.gov>; McLaughlin, Scarlett E

(HEALTH) <scarlett.mclaughlin@health.ny.gov>; Kranes, Nathan <NKranes@trccompanies.com>

Cc: Christopher Gabriel <chrisg@geologic.net>

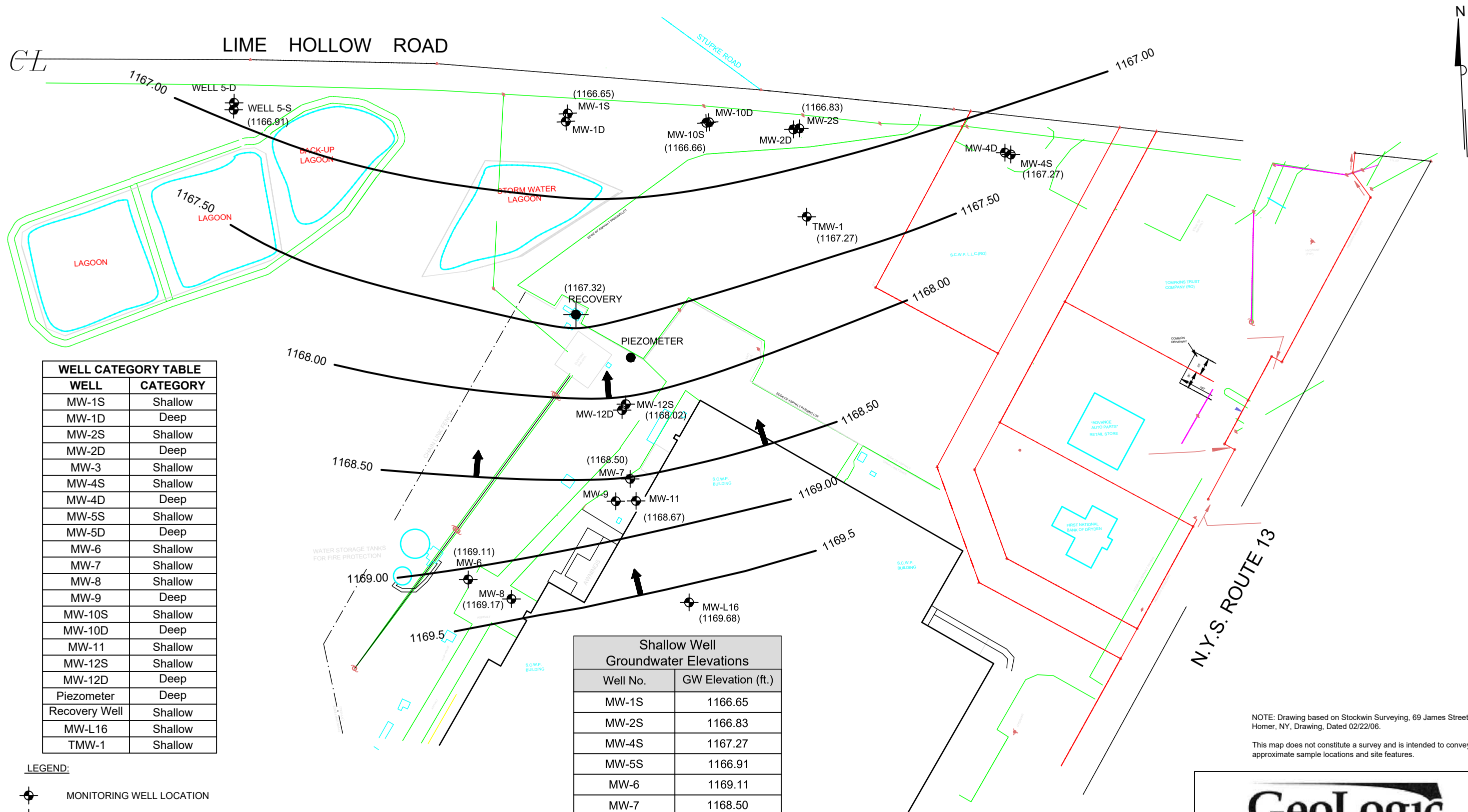
Subject: Former Smith Corona - Shutdown Test Data Packet

Attached are the groundwater contour maps (pre and post shutdown), water level readings, data logger raw data (Excel format) and the analytical results for the pre-shutdown period through the March 23, 2021 sampling event.

A more formal presentation and discussion will be presented in the final shutdown test report.

Enjoy your weekend.

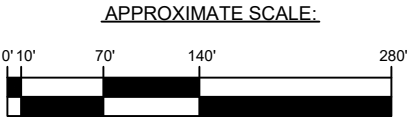
Forrest Earl, P.G.
GeoLogic NY, P.C.
PO Box 350
37 Copeland Avenue
Homer, NY 13077
607-749-5000



WELL CATEGORY TABLE	
WELL	CATEGORY
MW-1S	Shallow
MW-1D	Deep
MW-2S	Shallow
MW-2D	Deep
MW-3	Shallow
MW-4S	Shallow
MW-4D	Deep
MW-5S	Shallow
MW-5D	Deep
MW-6	Shallow
MW-7	Shallow
MW-8	Shallow
MW-9	Deep
MW-10S	Shallow
MW-10D	Deep
MW-11	Shallow
MW-12S	Shallow
MW-12D	Deep
Piezometer	Deep
Recovery Well	Shallow
MW-L16	Shallow
TMW-1	Shallow

Shallow Well Groundwater Elevations	
Well No.	GW Elevation (ft.)
MW-1S	1166.65
MW-2S	1166.83
MW-4S	1167.27
MW-5S	1166.91
MW-6	1169.11
MW-7	1168.50
MW-8	1169.17
MW-10S	1166.66
MW-11	1168.67
MW-12S	1168.02
TMW-1	1167.27
Recovery Well	1167.32
MW-L16	1169.68

- LEGEND:
- MONITORING WELL LOCATION
 - RECOVERY WELL LOCATION
 - PIEZOMETER LOCATION
 - (1164.99) GROUNDWATER ELEVATION (FT.) FOR 04/20/2021.
 - 1162.0 GROUNDWATER ELEVATION CONTOUR FOR 04/20/2021.
 - DIRECTION OF GROUNDWATER FLOW



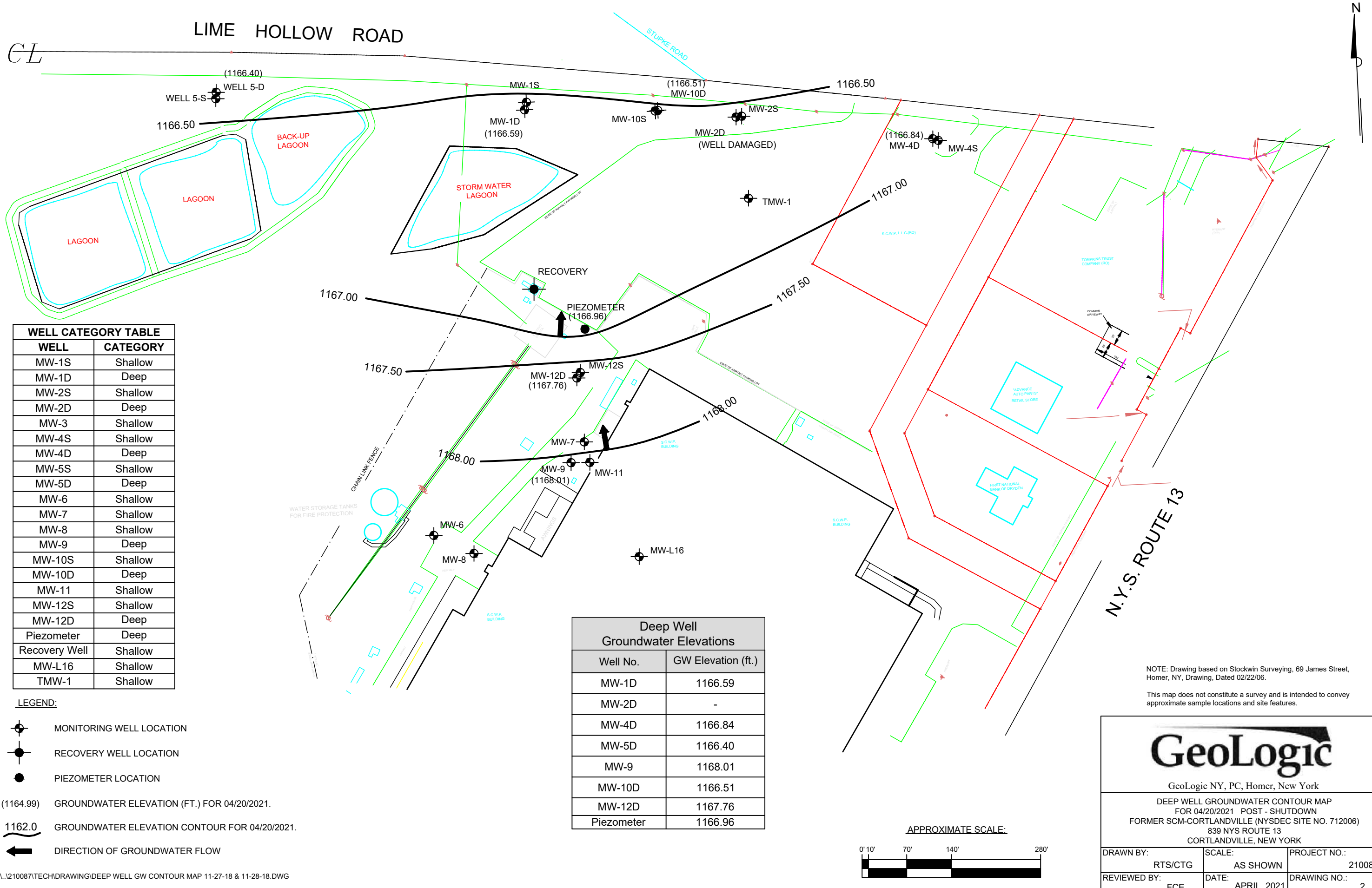
NOTE: Drawing based on Stockwin Surveying, 69 James Street, Homer, NY, Drawing, Dated 02/22/06.

This map does not constitute a survey and is intended to convey approximate sample locations and site features.

GeoLogic NY, PC, Homer, New York

SHALLOW WELL GROUNDWATER CONTOUR MAP
FOR 04/20/2021 POST - SHUTDOWN
FORMER SCM-CORTLANDVILLE (NYSDEC SITE NO. 712006)
839 NYS ROUTE 13
CORTLANDVILLE, NEW YORK

DRAWN BY:	SCALE:	PROJECT NO.:
RTS/CTG	AS SHOWN	210087
REVIEWED BY:	DATE:	DRAWING NO.:
FCE	APRIL 2021	1



WELL CATEGORY TABLE	
WELL	CATEGORY
MW-1S	Shallow
MW-1D	Deep
MW-2S	Shallow
MW-2D	Deep
MW-3	Shallow
MW-4S	Shallow
MW-4D	Deep
MW-5S	Shallow
MW-5D	Deep
MW-6	Shallow
MW-7	Shallow
MW-8	Shallow
MW-9	Shallow
MW-10S	Shallow
MW-10D	Deep
MW-11	Shallow
MW-12S	Shallow
MW-12D	Deep
Piezometer	Deep
Recovery Well	Shallow
MW-L16	Shallow
TMW-1	Shallow

Deep Well Groundwater Elevations	
Well No.	GW Elevation (ft.)
MW-1D	1166.59
MW-2D	-
MW-4D	1166.84
MW-5D	1166.40
MW-9	1168.01
MW-10D	1166.51
MW-12D	1167.76
Piezometer	1166.96

- LEGEND:**
- MONITORING WELL LOCATION
 - RECOVERY WELL LOCATION
 - PIEZOMETER LOCATION
 - (1164.99) GROUNDWATER ELEVATION (FT.) FOR 04/20/2021.
 - 1162.0 GROUNDWATER ELEVATION CONTOUR FOR 04/20/2021.
 - DIRECTION OF GROUNDWATER FLOW

NOTE: Drawing based on Stockwin Surveying, 69 James Street, Homer, NY, Drawing, Dated 02/22/06.

This map does not constitute a survey and is intended to convey approximate sample locations and site features.

GeoLogic NY, PC, Homer, New York

DEEP WELL GROUNDWATER CONTOUR MAP
FOR 04/20/2021 POST - SHUTDOWN
FORMER SCM-CORTLANDVILLE (NYSDEC SITE NO. 712006)
839 NYS ROUTE 13
CORTLANDVILLE, NEW YORK

DRAWN BY:	SCALE:	PROJECT NO.:
RTS/CTG	AS SHOWN	210087
REVIEWED BY:	DATE:	DRAWING NO.:
FCE	APRIL 2021	2

TABLE 1.
Field Observations

Field Observations: April 20, 2021 Sampling Event: Post Shutdown								
Well#	CATEGORY	**TOP PVC ELEVATION	TOP PVC WATER LEVEL (FT)	GW ELEVATION	DEPTH OF WELL (FT)	VOLUME (GAL.) of WATER in WELL	APPROX. VOLUME PURGED (GAL.)	Notes
MW-1S	Shallow -Perimeter	1185.75	19.10	1166.65	39.50	3.3	10	Clear.
MW-1D	Deep - Perimeter	1185.85	19.26	1166.59	70.50	8.2	25	Clear.
MW-2S	Shallow -Perimeter	1210.91	44.08	1166.83	70.20	4.2	N/A	No sample, water level only.
MW-2D	Deep - Perimeter	1211.61	44.16	1167.45	104.00	9.6	N/A	Well damaged. No sample, water level only.
MW-4S	Shallow -Perimeter	1209.72	42.45	1167.27	73.79	5.0	N/A	Well damaged. No sample, water level only.
MW-4D	Deep - Perimeter	1210.14	43.30	1166.84	104.23	9.7	N/A	No sample, water level only.
MW-5S	Shallow -Perimeter	1178.46	11.55	1166.91	40.00	4.6	N/A	No sample, water level only.
MW-5D	Deep - Perimeter	1178.86	12.46	1166.40	71.88	9.5	N/A	No sample, water level only.
MW-6	Shallow - Interior	1211.42	42.31	1169.11	56.50	2.3	N/A	No sample, water level only.
MW-7	Shallow - Interior	1211.56	43.06	1168.50	58.75	2.5	10	Clear.
MW-8	Shallow - Interior	1212.76	43.59	1169.17	61.42	2.9	N/A	No sample, water level only.
MW-9	Deep - Interior	1211.12	43.11	1168.01	99.00	8.9	N/A	No sample, water level only.
MW-10S	Shallow -Perimeter	1207.23	40.57	1166.66	62.00	3.4	10	Clear.
MW-10D	Deep - Perimeter	1207.52	41.01	1166.51	99.00	9.3	28	Clear.
MW-11	Shallow - Interior	1214.44	45.77	1168.67	59.50	2.2	7.0	Dark brown and turbid.
MW-12S	Shallow - Interior	1212.94	44.92	1168.02	62.00	2.7	8.5	Light brown and a little turbid.
MW-12D	Deep - Interior	1212.80	45.04	1167.76	89.00	7.0	28	Clear.
MW-L16	Shallow	1212.99	43.31	1169.68	60.00	2.7	N/A	No sample, water level only.
TMW-1	Shallow	1209.56	42.29	1167.27	56.00	2.2	9	Clear.
Piezometer	Deep	1212.59	45.63	1166.96	124.16	N/A	N/A	No sample, water level only.
Recovery Well	Shallow	1205.62	38.30	1167.32	94.00	N/A	N/A	No sample, water level only.
Notes: ** Top of PVC elevations were determined from survey by Jim Stockwin, LS, 2006. N/A = Not available, well casings have been modified.								



Life Science Laboratories, Inc.

5854 Butternut Drive
East Syracuse, NY 13057

(315) 445-1900

Thursday, April 22, 2021

Mr. Christopher Gabriel
GeoLogic NY, Inc.
37 Copeland Ave.
Homer, NY 13077

TEL: 607 749-5000

Project: 210087 MARCH 2021

RE: Analytical Results

Order No.: 2105526

Dear Mr. Christopher Gabriel:

Life Science Laboratories, Inc. received 12 sample(s) on 4/20/2021 for the analyses presented in the following report. Sample results relate only to the samples as received by the laboratory.

Very truly yours,
Life Science Laboratories, Inc.



David J Prichard
Project Manager



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2105526

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 04/22/21 10:49

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2105526-001A

Client Sample ID: MW-IS

Collection Date: 04/20/21 8:35

Date Received: 04/20/21 13:06

PrepDate:

BatchNo: R34639

FileID: 1-SAMP-R5246.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		04/21/21 20:12
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		04/21/21 20:12
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		04/21/21 20:12
Tetrachloroethene	ND	0.50	0.10	µg/L	1		04/21/21 20:12
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		04/21/21 20:12
Trichloroethene	0.98	0.50	0.10	µg/L	1		04/21/21 20:12
Vinyl chloride	ND	1.00	0.33	µg/L	1		04/21/21 20:12
Surr: 1,2-Dichloroethane-d4	110	75-130	0.16	%REC	1		04/21/21 20:12
Surr: Toluene-d8	101	75-125	0.10	%REC	1		04/21/21 20:12
Surr: 4-Bromofluorobenzene	104	75-125	0.10	%REC	1		04/21/21 20:12

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 04/22/21 10:53

959448

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2105526

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 04/22/21 10:49

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2105526-002A

Client Sample ID: MW-ID

Collection Date: 04/20/21 8:25

Date Received: 04/20/21 13:06

PrepDate:

BatchNo: R34639

FileID: 1-SAMP-R5247.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		04/21/21 20:49
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		04/21/21 20:49
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		04/21/21 20:49
Tetrachloroethene	ND	0.50	0.10	µg/L	1		04/21/21 20:49
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		04/21/21 20:49
Trichloroethene	0.92	0.50	0.10	µg/L	1		04/21/21 20:49
Vinyl chloride	ND	1.00	0.33	µg/L	1		04/21/21 20:49
Surr: 1,2-Dichloroethane-d4	114	75-130	0.16	%REC	1		04/21/21 20:49
Surr: Toluene-d8	101	75-125	0.10	%REC	1		04/21/21 20:49
Surr: 4-Bromofluorobenzene	96	75-125	0.10	%REC	1		04/21/21 20:49

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 04/22/21 10:53

959449

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2105526

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 04/22/21 10:49

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2105526-003A

Client Sample ID: MW-7

Collection Date: 04/20/21 10:12

Date Received: 04/20/21 13:06

PrepDate:

BatchNo: R34639

FileID: 1-SAMP-RS248.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		04/21/21 21:25
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		04/21/21 21:25
cis-1,2-Dichloroethene	0.17 J	0.50	0.10	µg/L	1		04/21/21 21:25
Tetrachloroethene	ND	0.50	0.10	µg/L	1		04/21/21 21:25
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		04/21/21 21:25
Trichloroethene	1.87	0.50	0.10	µg/L	1		04/21/21 21:25
Vinyl chloride	ND	1.00	0.33	µg/L	1		04/21/21 21:25
Surr: 1,2-Dichloroethane-d4	119	75-130	0.16	%REC	1		04/21/21 21:25
Surr: Toluene-d8	101	75-125	0.10	%REC	1		04/21/21 21:25
Surr: 4-Bromofluorobenzene	100	75-125	0.10	%REC	1		04/21/21 21:25

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 04/22/21 10:53

959450

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2105526

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 04/22/21 10:49

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2105526-004A

Client Sample ID: MW-10S

Collection Date: 04/20/21 10:20

Date Received: 04/20/21 13:06

PrepDate:

BatchNo: R34639

FileID: 1-SAMP-R5249.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		04/21/21 22:02
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		04/21/21 22:02
cis-1,2-Dichloroethene	0.17 J	0.50	0.10	µg/L	1		04/21/21 22:02
Tetrachloroethene	ND	0.50	0.10	µg/L	1		04/21/21 22:02
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		04/21/21 22:02
Trichloroethene	1.03	0.50	0.10	µg/L	1		04/21/21 22:02
Vinyl chloride	ND	1.00	0.33	µg/L	1		04/21/21 22:02
Surr: 1,2-Dichloroethane-d4	111	75-130	0.16	%REC	1		04/21/21 22:02
Surr: Toluene-d8	101	75-125	0.10	%REC	1		04/21/21 22:02
Surr: 4-Bromofluorobenzene	104	75-125	0.10	%REC	1		04/21/21 22:02

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 04/22/21 10:53

959451

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2105526

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 04/22/21 10:49

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2105526-005A

Client Sample ID: MW-10D

Collection Date: 04/20/21 10:05

Date Received: 04/20/21 13:06

PrepDate:

BatchNo: R34639

FileID: 1-SAMP-RS250.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		04/21/21 22:38
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		04/21/21 22:38
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		04/21/21 22:38
Tetrachloroethene	ND	0.50	0.10	µg/L	1		04/21/21 22:38
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		04/21/21 22:38
Trichloroethene	1.00	0.50	0.10	µg/L	1		04/21/21 22:38
Vinyl chloride	ND	1.00	0.33	µg/L	1		04/21/21 22:38
Surr: 1,2-Dichloroethane-d4	110	75-130	0.16	%REC	1		04/21/21 22:38
Surr: Toluene-d8	102	75-125	0.10	%REC	1		04/21/21 22:38
Surr: 4-Bromofluorobenzene	105	75-125	0.10	%REC	1		04/21/21 22:38

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 04/22/21 10:53

959452

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2105526

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 04/22/21 10:49

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2105526-006A

Client Sample ID: MW-11

Collection Date: 04/20/21 10:38

Date Received: 04/20/21 13:06

PrepDate:

BatchNo: R34639

FileID: 1-SAMP-R5251.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	1.00	0.20	µg/L	2		04/21/21 23:15
1,1-Dichloroethene	ND	1.00	0.32	µg/L	2		04/21/21 23:15
cis-1,2-Dichloroethene	0.78 J	1.00	0.20	µg/L	2		04/21/21 23:15
Tetrachloroethene	ND	1.00	0.20	µg/L	2		04/21/21 23:15
trans-1,2-Dichloroethene	ND	1.00	0.20	µg/L	2		04/21/21 23:15
Trichloroethene	1.72	1.00	0.20	µg/L	2		04/21/21 23:15
Vinyl chloride	ND	2.00	0.66	µg/L	2		04/21/21 23:15
Surr: 1,2-Dichloroethane-d4	113	75-130	0.32	%REC	2		04/21/21 23:15
Surr: Toluene-d8	102	75-125	0.20	%REC	2		04/21/21 23:15
Surr: 4-Bromofluorobenzene	104	75-125	0.20	%REC	2		04/21/21 23:15

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 04/22/21 10:53

959453

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2105526

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 04/22/21 10:49

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2105526-007A

Client Sample ID: MW-12S

Collection Date: 04/20/21 9:31

Date Received: 04/20/21 13:06

PrepDate:

BatchNo: R34639

FileID: 1-SAMP-R5252.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	1.00	0.20	µg/L	2		04/21/21 23:51
1,1-Dichloroethene	ND	1.00	0.32	µg/L	2		04/21/21 23:51
cis-1,2-Dichloroethene	0.22 J	1.00	0.20	µg/L	2		04/21/21 23:51
Tetrachloroethene	ND	1.00	0.20	µg/L	2		04/21/21 23:51
trans-1,2-Dichloroethene	ND	1.00	0.20	µg/L	2		04/21/21 23:51
Trichloroethene	1.42	1.00	0.20	µg/L	2		04/21/21 23:51
Vinyl chloride	ND	2.00	0.66	µg/L	2		04/21/21 23:51
Surr: 1,2-Dichloroethane-d4	112	75-130	0.32	%REC	2		04/21/21 23:51
Surr: Toluene-d8	101	75-125	0.20	%REC	2		04/21/21 23:51
Surr: 4-Bromofluorobenzene	99	75-125	0.20	%REC	2		04/21/21 23:51

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 04/22/21 10:53

959454

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2105526

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 04/22/21 10:49

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2105526-008A

Client Sample ID: MW-12D

Collection Date: 04/20/21 9:34

Date Received: 04/20/21 13:06

PrepDate:

BatchNo: R34639

FileID: 1-SAMP-R5253.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		04/22/21 0:28
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		04/22/21 0:28
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		04/22/21 0:28
Tetrachloroethene	ND	0.50	0.10	µg/L	1		04/22/21 0:28
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		04/22/21 0:28
Trichloroethene	1.12	0.50	0.10	µg/L	1		04/22/21 0:28
Vinyl chloride	ND	1.00	0.33	µg/L	1		04/22/21 0:28
Surr: 1,2-Dichloroethane-d4	113	75-130	0.16	%REC	1		04/22/21 0:28
Surr: Toluene-d8	101	75-125	0.10	%REC	1		04/22/21 0:28
Surr: 4-Bromofluorobenzene	105	75-125	0.10	%REC	1		04/22/21 0:28

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

Print Date: 04/22/21 10:53

959455

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.
Project: 210087 March 2021

W Order: 2105526

Matrix: WATER

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 04/22/21 10:49

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2105526-009A

Client Sample ID: TMW-1

Collection Date: 04/20/21 11:00

Date Received: 04/20/21 13:06

PrepDate:

BatchNo: R34639

FileID: 1-SAMP-R5254.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50		0.10	µg/L	1	04/22/21 1:04
1,1-Dichloroethene	ND	0.50		0.16	µg/L	1	04/22/21 1:04
cis-1,2-Dichloroethene	ND	0.50		0.10	µg/L	1	04/22/21 1:04
Tetrachloroethene	ND	0.50		0.10	µg/L	1	04/22/21 1:04
trans-1,2-Dichloroethene	ND	0.50		0.10	µg/L	1	04/22/21 1:04
Trichloroethene	0.74	0.50		0.10	µg/L	1	04/22/21 1:04
Vinyl chloride	ND	1.00		0.33	µg/L	1	04/22/21 1:04
Surr: 1,2-Dichloroethane-d4	113	75-130		0.16	%REC	1	04/22/21 1:04
Surr: Toluene-d8	101	75-125		0.10	%REC	1	04/22/21 1:04
Surr: 4-Bromofluorobenzene	102	75-125		0.10	%REC	1	04/22/21 1:04

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 04/22/21 10:53

959456

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2105526

Matrix: EQUIPMENT BLANK

Inst. ID: MS04_73

Sample Size: NA

ColumnID: Rtx-VMS

%Moisture:

Revision: 04/22/21 10:49

TestCode: 8260W

Col Type:

Lab ID: 2105526-010A

Client Sample ID: *Equipment Blank #1*

Collection Date: 04/20/21 8:51

Date Received: 04/20/21 13:06

PrepDate:

BatchNo: R34639

FileID: 1-SAMP-R5255.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1	04/22/21 1:41	
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1	04/22/21 1:41	
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	04/22/21 1:41	
Tetrachloroethene	ND	0.50	0.10	µg/L	1	04/22/21 1:41	
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	04/22/21 1:41	
Trichloroethene	ND	0.50	0.10	µg/L	1	04/22/21 1:41	
Vinyl chloride	ND	1.00	0.33	µg/L	1	04/22/21 1:41	
Surr: 1,2-Dichloroethane-d4	113	75-130	0.16	%REC	1	04/22/21 1:41	
Surr: Toluene-d8	102	75-125	0.10	%REC	1	04/22/21 1:41	
Surr: 4-Bromofluorobenzene	99	75-125	0.10	%REC	1	04/22/21 1:41	

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 04/22/21 10:53

959457

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2105526

Matrix: EQUIPMENT BLANK

Inst. ID: MS04_73

Sample Size: NA

ColumnID: Rtx-VMS

%Moisture:

Revision: 04/22/21 10:49

TestCode: 8260W

Col Type:

Lab ID: 2105526-011A

Client Sample ID: *Equipment Blank #2*

Collection Date: 04/20/21 9:10

Date Received: 04/20/21 13:06

PrepDate:

BatchNo: R34639

FileID: 1-SAMP-R5256.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		04/22/21 2:18
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		04/22/21 2:18
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		04/22/21 2:18
Tetrachloroethene	ND	0.50	0.10	µg/L	1		04/22/21 2:18
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		04/22/21 2:18
Trichloroethene	ND	0.50	0.10	µg/L	1		04/22/21 2:18
Vinyl chloride	ND	1.00	0.33	µg/L	1		04/22/21 2:18
Surr: 1,2-Dichloroethane-d4	112	75-130	0.16	%REC	1		04/22/21 2:18
Surr: Toluene-d8	102	75-125	0.10	%REC	1		04/22/21 2:18
Surr: 4-Bromofluorobenzene	97	75-125	0.10	%REC	1		04/22/21 2:18

Qualifiers:

* Value may exceed the Acceptable Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits

Print Date: 04/22/21 10:53

959458

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2105526

Matrix: WATER Q

Inst. ID: MS04_73

ColumnID: Rtx-VMS

Revision: 04/22/21 12:05

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2105526-012A

Client Sample ID: Trip Blank

Collection Date: 03/22/21 0:00

Date Received: 04/20/21 13:06

PrepDate:

BatchNo: R34638

FileID: 1-SAMP-RS257.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		04/22/21 2:54
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		04/22/21 2:54
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		04/22/21 2:54
Tetrachloroethene	ND	0.50	0.10	µg/L	1		04/22/21 2:54
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		04/22/21 2:54
Trichloroethene	ND	0.50	0.10	µg/L	1		04/22/21 2:54
Vinyl chloride	ND	1.00	0.33	µg/L	1		04/22/21 2:54
Surr: 1,2-Dichloroethane-d4	112	75-130	0.16	%REC	1		04/22/21 2:54
Surr: Toluene-d8	101	75-125	0.10	%REC	1		04/22/21 2:54
Surr: 4-Bromofluorobenzene	106	75-125	0.10	%REC	1		04/22/21 2:54

Qualifiers:

* Value may exceed the Acceptable Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

Print Date: 04/22/21 14:10

959445

Project Supervisor: David J Prichard

GeoLogic NY, P.C.

CHAIN OF CUSTODY RECORD

2105526

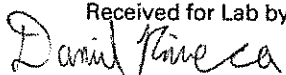
CLIENT: GeoLogic

SAMPLER NAME(S):

PROJECT: 210087 – April 2021 Sampling 1 of 2

C. T. Gabriel and J. A. Menzel

SAMPLE LOCATION	DATE	TIME	SAMPLE TYPE			NO. of VIALS	ANALYSIS REQUIRED
			WATER	SOIL	AIR		
001 MW-1S	4/20/21	8:35	X			2	See Below
002 MW-1D	4/20/21	8:25	X			2	See Below
003 MW-7	4/20/21	10:12	X			2	See Below
004 MW-10S	4/20/21	10:20	X			2	See Below
005 MW-10D	4/20/21	10:05	X			2	See Below
006 MW-11	4/20/21	10:38	X			2	See Below
007 MW-12S	4/20/21	9:31	X			2	See Below
008 MW-12D	4/20/21	9:34	X			2	See Below
009 TMW-1	4/20/21	11:00	X			2	See Below
Equipment Blank #1	4/20/21	08:51	X			2	See Below

Relinquished by:	Date	Time	Received by:	Date	Time
	4/20/21	13:05			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received for Lab by:	Date	Time
				4/20/21	13:06

Method of Shipment: LAB PICK-UP TEMP 5-3°C Samples Received On Ice/Packs

COMMENTS:

Sample Analysis (1 µg/L reporting limit)

3-Day RUSH Turn-Around

EPA 8260B for

1,1,1-Trichloroethane

1,1-Dichloroethene

(cis- & trans-) 1,2-Dichloroethene

Trichloroethene

Tetrachloroethene

Vinyl Chloride

2105526

SAMPLER NAME(S): C. T. Gabriel

C. T. Gabriel and J. A. Menzel

dl

APPENDIX E

MAY 18, 2021 LABORATORY ANALYSIS REPORT



Life Science Laboratories, Inc.

5854 Butternut Drive
East Syracuse, NY 13057

(315) 445-1900

Monday, May 24, 2021

Mr. Christopher Gabriel
GeoLogic NY, Inc.
37 Copeland Ave.
Homer, NY 13077

TEL: 607 749-5000

Project: 210087 MARCH 2021

RE: Analytical Results

Order No.: 2107377

Dear Mr. Christopher Gabriel:

Life Science Laboratories, Inc. received 20 sample(s) on 5/18/2021 for the analyses presented in the following report. Sample results relate only to the samples as received by the laboratory.

Very truly yours,
Life Science Laboratories, Inc.

David J Prichard
Project Manager



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2107377

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 05/24/21 13:41

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2107377-001A

Client Sample ID: MW-IS

Collection Date: 05/18/21 9:50

Date Received: 05/18/21 16:15

PrepDate:

BatchNo: R34715

FileID: 1-SAMP-N5036.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		05/19/21 18:43
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		05/19/21 18:43
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		05/19/21 18:43
Tetrachloroethene	ND	0.50	0.10	µg/L	1		05/19/21 18:43
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		05/19/21 18:43
Trichloroethene	1.03	0.50	0.10	µg/L	1		05/19/21 18:43
Vinyl chloride	ND	1.00	0.33	µg/L	1		05/19/21 18:43
Surr: 1,2-Dichloroethane-d4	95	75-130	0.16	%REC	1		05/19/21 18:43
Surr: Toluene-d8	100	75-125	0.10	%REC	1		05/19/21 18:43
Surr: 4-Bromofluorobenzene	94	75-125	0.10	%REC	1		05/19/21 18:43

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

Print Date: 05/24/21 13:44

963531

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2107377

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 05/24/21 13:41

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2107377-002A

Client Sample ID: MW-1D

Collection Date: 05/18/21 9:38

Date Received: 05/18/21 16:15

PrepDate:

BatchNo: R34715

FileID: 1-SAMP-N5037.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		05/19/21 19:19
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		05/19/21 19:19
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		05/19/21 19:19
Tetrachloroethene	ND	0.50	0.10	µg/L	1		05/19/21 19:19
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		05/19/21 19:19
Trichloroethene	0.92	0.50	0.10	µg/L	1		05/19/21 19:19
Vinyl chloride	ND	1.00	0.33	µg/L	1		05/19/21 19:19
Surr: 1,2-Dichloroethane-d4	94	75-130	0.16	%REC	1		05/19/21 19:19
Surr: Toluene-d8	101	75-125	0.10	%REC	1		05/19/21 19:19
Surr: 4-Bromofluorobenzene	95	75-125	0.10	%REC	1		05/19/21 19:19

Qualifiers:

* Value may exceed the Acceptable Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

Print Date: 05/24/21 13:44

963532

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2107377

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 05/24/21 13:41

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2107377-003A

Client Sample ID: MW-2S

Collection Date: 05/18/21 11:35

Date Received: 05/18/21 16:15

PrepDate:

BatchNo: R34715

FileID: 1-SAMP-N5038.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		05/19/21 19:54
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		05/19/21 19:54
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		05/19/21 19:54
Tetrachloroethene	ND	0.50	0.10	µg/L	1		05/19/21 19:54
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		05/19/21 19:54
Trichloroethene	1.01	0.50	0.10	µg/L	1		05/19/21 19:54
Vinyl chloride	ND	1.00	0.33	µg/L	1		05/19/21 19:54
Surr: 1,2-Dichloroethane-d4	94	75-130	0.16	%REC	1		05/19/21 19:54
Surr: Toluene-d8	100	75-125	0.10	%REC	1		05/19/21 19:54
Surr: 4-Bromofluorobenzene	93	75-125	0.10	%REC	1		05/19/21 19:54

Qualifiers:

* Value may exceed the Acceptable Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

Print Date: 05/24/21 13:44

963533

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

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East Syracuse, NY 13057

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Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2107377

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 05/24/21 13:41

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2107377-004A

Client Sample ID: MW-4D

Collection Date: 05/18/21 12:36

Date Received: 05/18/21 16:15

PrepDate:

BatchNo: R34715

FileID: 1-SAMP-N5039.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		05/19/21 20:29
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		05/19/21 20:29
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		05/19/21 20:29
Tetrachloroethene	ND	0.50	0.10	µg/L	1		05/19/21 20:29
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		05/19/21 20:29
Trichloroethene	0.44 J	0.50	0.10	µg/L	1		05/19/21 20:29
Vinyl chloride	ND	1.00	0.33	µg/L	1		05/19/21 20:29
Surr: 1,2-Dichloroethane-d4	94	75-130	0.16	%REC	1		05/19/21 20:29
Surr: Toluene-d8	101	75-125	0.10	%REC	1		05/19/21 20:29
Surr: 4-Bromofluorobenzene	93	75-125	0.10	%REC	1		05/19/21 20:29

Qualifiers:

* Value may exceed the Acceptable Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

Print Date: 05/24/21 13:44

963534

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

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Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2107377

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 05/24/21 13:41

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2107377-005A

Client Sample ID: MW-5S

Collection Date: 05/18/21 9:00

Date Received: 05/18/21 16:15

PrepDate:

BatchNo: R34715

FileID: 1-SAMP-N5040.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		05/19/21 21:04
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		05/19/21 21:04
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		05/19/21 21:04
Tetrachloroethene	ND	0.50	0.10	µg/L	1		05/19/21 21:04
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		05/19/21 21:04
Trichloroethene	0.48 J	0.50	0.10	µg/L	1		05/19/21 21:04
Vinyl chloride	ND	1.00	0.33	µg/L	1		05/19/21 21:04
Surr: 1,2-Dichloroethane-d4	94	75-130	0.16	%REC	1		05/19/21 21:04
Surr: Toluene-d8	100	75-125	0.10	%REC	1		05/19/21 21:04
Surr: 4-Bromofluorobenzene	92	75-125	0.10	%REC	1		05/19/21 21:04

Qualifiers:

* Value may exceed the Acceptable Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

Print Date: 05/24/21 13:44

963535

Project Supervisor: David J Prichard



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Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2107377

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 05/24/21 13:41

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2107377-006A

Client Sample ID: MW-5D

Collection Date: 05/18/21 8:45

Date Received: 05/18/21 16:15

PrepDate:

BatchNo: R34715

FileID: 1-SAMP-N5041.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		05/19/21 21:39
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		05/19/21 21:39
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		05/19/21 21:39
Tetrachloroethene	ND	0.50	0.10	µg/L	1		05/19/21 21:39
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		05/19/21 21:39
Trichloroethene	0.89	0.50	0.10	µg/L	1		05/19/21 21:39
Vinyl chloride	ND	1.00	0.33	µg/L	1		05/19/21 21:39
Surr: 1,2-Dichloroethane-d4	95	75-130	0.16	%REC	1		05/19/21 21:39
Surr: Toluene-d8	100	75-125	0.10	%REC	1		05/19/21 21:39
Surr: 4-Bromofluorobenzene	92	75-125	0.10	%REC	1		05/19/21 21:39

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

Print Date: 05/24/21 13:44

963536

Project Supervisor: David J Prichard



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Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2107377

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 05/24/21 13:41

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2107377-007A

Client Sample ID: MW-6

Collection Date: 05/18/21 10:44

Date Received: 05/18/21 16:15

PrepDate:

BatchNo: R34715

FileID: 1-SAMP-N5042.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		05/19/21 22:14
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		05/19/21 22:14
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		05/19/21 22:14
Tetrachloroethene	ND	0.50	0.10	µg/L	1		05/19/21 22:14
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		05/19/21 22:14
Trichloroethene	1.01	0.50	0.10	µg/L	1		05/19/21 22:14
Vinyl chloride	ND	1.00	0.33	µg/L	1		05/19/21 22:14
Surr: 1,2-Dichloroethane-d4	93	75-130	0.16	%REC	1		05/19/21 22:14
Surr: Toluene-d8	101	75-125	0.10	%REC	1		05/19/21 22:14
Surr: 4-Bromofluorobenzene	94	75-125	0.10	%REC	1		05/19/21 22:14

Qualifiers:

* Value may exceed the Acceptable Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

Print Date: 05/24/21 13:44

963537

Project Supervisor: David J Prichard



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Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2107377

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 05/24/21 13:41

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2107377-008A

Client Sample ID: MW-7

Collection Date: 05/18/21 12:39

Date Received: 05/18/21 16:15

PrepDate:

BatchNo: R34715

FileID: 1-SAMP-N5043.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		05/19/21 22:49
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		05/19/21 22:49
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		05/19/21 22:49
Tetrachloroethene	ND	0.50	0.10	µg/L	1		05/19/21 22:49
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		05/19/21 22:49
Trichloroethene	1.55	0.50	0.10	µg/L	1		05/19/21 22:49
Vinyl chloride	ND	1.00	0.33	µg/L	1		05/19/21 22:49
Surr: 1,2-Dichloroethane-d4	94	75-130	0.16	%REC	1		05/19/21 22:49
Surr: Toluene-d8	101	75-125	0.10	%REC	1		05/19/21 22:49
Surr: 4-Bromofluorobenzene	91	75-125	0.10	%REC	1		05/19/21 22:49

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

Print Date: 05/24/21 13:44

963538

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

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Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2107377

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 05/24/21 13:41

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2107377-009A

Client Sample ID: MW-8

Collection Date: 05/18/21 10:57

Date Received: 05/18/21 16:15

PrepDate:

BatchNo: R34715

FileID: 1-SAMP-N5044.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	1.00	0.20	µg/L	2	05/19/21 23:24	
1,1-Dichloroethene	ND	1.00	0.32	µg/L	2	05/19/21 23:24	
cis-1,2-Dichloroethene	ND	1.00	0.20	µg/L	2	05/19/21 23:24	
Tetrachloroethene	ND	1.00	0.20	µg/L	2	05/19/21 23:24	
trans-1,2-Dichloroethene	ND	1.00	0.20	µg/L	2	05/19/21 23:24	
Trichloroethene	0.62 J	1.00	0.20	µg/L	2	05/19/21 23:24	
Vinyl chloride	ND	2.00	0.66	µg/L	2	05/19/21 23:24	
Surr: 1,2-Dichloroethane-d4	94	75-130	0.32	%REC	2	05/19/21 23:24	
Surr: Toluene-d8	100	75-125	0.20	%REC	2	05/19/21 23:24	
Surr: 4-Bromofluorobenzene	92	75-125	0.20	%REC	2	05/19/21 23:24	

Qualifiers:

* Value may exceed the Acceptable Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

Print Date: 05/24/21 13:44

963539

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2107377

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 05/24/21 13:41

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2107377-010A

Client Sample ID: TMW-I

Collection Date: 05/18/21 13:13

Date Received: 05/18/21 16:15

PrepDate:

BatchNo: R34715

FileID: 1-SAMP-N5045.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		05/19/21 23:59
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		05/19/21 23:59
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		05/19/21 23:59
Tetrachloroethene	ND	0.50	0.10	µg/L	1		05/19/21 23:59
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		05/19/21 23:59
Trichloroethene	0.75	0.50	0.10	µg/L	1		05/19/21 23:59
Vinyl chloride	ND	1.00	0.33	µg/L	1		05/19/21 23:59
Surr: 1,2-Dichloroethane-d4	94	75-130	0.16	%REC	1		05/19/21 23:59
Surr: Toluene-d8	101	75-125	0.10	%REC	1		05/19/21 23:59
Surr: 4-Bromofluorobenzene	94	75-125	0.10	%REC	1		05/19/21 23:59

Qualifiers:

* Value may exceed the Acceptable Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

Print Date: 05/24/21 13:44

963540

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2107377

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 05/24/21 13:41

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2107377-011A

Client Sample ID: MW-9

Collection Date: 05/18/21 12:11

Date Received: 05/18/21 16:15

PrepDate:

BatchNo: R34715

FileID: 1-SAMP-N5046.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		05/20/21 0:34
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		05/20/21 0:34
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		05/20/21 0:34
Tetrachloroethene	ND	0.50	0.10	µg/L	1		05/20/21 0:34
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		05/20/21 0:34
Trichloroethene	0.70	0.50	0.10	µg/L	1		05/20/21 0:34
Vinyl chloride	ND	1.00	0.33	µg/L	1		05/20/21 0:34
Surr: 1,2-Dichloroethane-d4	94	75-130	0.16	%REC	1		05/20/21 0:34
Surr: Toluene-d8	101	75-125	0.10	%REC	1		05/20/21 0:34
Surr: 4-Bromofluorobenzene	93	75-125	0.10	%REC	1		05/20/21 0:34

Qualifiers:

* Value may exceed the Acceptable Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

Print Date: 05/24/21 13:44

963541

Project Supervisor: David J Prichard



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Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2107377

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 05/24/21 13:41

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2107377-012A

Client Sample ID: MW-10S

Collection Date: 05/18/21 10:56

Date Received: 05/18/21 16:15

PrepDate:

BatchNo: R34715

FileID: 1-SAMP-N5047.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1	05/20/21 1:09	
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1	05/20/21 1:09	
cis-1,2-Dichloroethene	0.12 J	0.50	0.10	µg/L	1	05/20/21 1:09	
Tetrachloroethene	ND	0.50	0.10	µg/L	1	05/20/21 1:09	
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	05/20/21 1:09	
Trichloroethene	1.08	0.50	0.10	µg/L	1	05/20/21 1:09	
Vinyl chloride	ND	1.00	0.33	µg/L	1	05/20/21 1:09	
Surr: 1,2-Dichloroethane-d4	93	75-130	0.16	%REC	1	05/20/21 1:09	
Surr: Toluene-d8	100	75-125	0.10	%REC	1	05/20/21 1:09	
Surr: 4-Bromofluorobenzene	93	75-125	0.10	%REC	1	05/20/21 1:09	

Qualifiers:	* Value may exceed the Acceptable Level	B Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S Spike Recovery outside accepted recovery limits

Print Date: 05/24/21 13:44

963542

Project Supervisor: David J Prichard



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(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2107377

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 05/24/21 13:41

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2107377-013A

Client Sample ID: MW-10D

Collection Date: 05/18/21 10:37

Date Received: 05/18/21 16:15

PrepDate:

BatchNo: R34715

FileID: 1-SAMP-N5048.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1	05/20/21 1:44	
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1	05/20/21 1:44	
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	05/20/21 1:44	
Tetrachloroethene	ND	0.50	0.10	µg/L	1	05/20/21 1:44	
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	05/20/21 1:44	
Trichloroethene	0.96	0.50	0.10	µg/L	1	05/20/21 1:44	
Vinyl chloride	ND	1.00	0.33	µg/L	1	05/20/21 1:44	
Surr: 1,2-Dichloroethane-d4	93	75-130	0.16	%REC	1	05/20/21 1:44	
Surr: Toluene-d8	101	75-125	0.10	%REC	1	05/20/21 1:44	
Surr: 4-Bromofluorobenzene	92	75-125	0.10	%REC	1	05/20/21 1:44	

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

Print Date: 05/24/21 13:44

963543

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2107377

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 05/24/21 13:41

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2107377-014A

Client Sample ID: MW-11

Collection Date: 05/18/21 12:02

Date Received: 05/18/21 16:15

PrepDate:

BatchNo: R34715

FileID: 1-SAMP-N5049.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	1.00	0.20	µg/L	2	05/20/21 2:19	
1,1-Dichloroethene	ND	1.00	0.32	µg/L	2	05/20/21 2:19	
cis-1,2-Dichloroethene	0.76 J	1.00	0.20	µg/L	2	05/20/21 2:19	
Tetrachloroethene	ND	1.00	0.20	µg/L	2	05/20/21 2:19	
trans-1,2-Dichloroethene	ND	1.00	0.20	µg/L	2	05/20/21 2:19	
Trichloroethene	1.82	1.00	0.20	µg/L	2	05/20/21 2:19	
Vinyl chloride	ND	2.00	0.66	µg/L	2	05/20/21 2:19	
Surr: 1,2-Dichloroethane-d4	94	75-130	0.32	%REC	2	05/20/21 2:19	
Surr: Toluene-d8	101	75-125	0.20	%REC	2	05/20/21 2:19	
Surr: 4-Bromofluorobenzene	93	75-125	0.20	%REC	2	05/20/21 2:19	

Qualifiers:	* Value may exceed the Acceptable Level	B Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S Spike Recovery outside accepted recovery limits

Print Date: 05/24/21 13:44

963544

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2107377

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 05/24/21 13:41

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2107377-015A

Client Sample ID: MW-12S

Collection Date: 05/18/21 13:54

Date Received: 05/18/21 16:15

PrepDate:

BatchNo: R34715

FileID: 1-SAMP-N5050.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		05/20/21 2:55
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		05/20/21 2:55
cis-1,2-Dichloroethene	0.22 J	0.50	0.10	µg/L	1		05/20/21 2:55
Tetrachloroethene	ND	0.50	0.10	µg/L	1		05/20/21 2:55
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		05/20/21 2:55
Trichloroethene	1.53	0.50	0.10	µg/L	1		05/20/21 2:55
Vinyl chloride	ND	1.00	0.33	µg/L	1		05/20/21 2:55
Surr: 1,2-Dichloroethane-d4	94	75-130	0.16	%REC	1		05/20/21 2:55
Surr: Toluene-d8	101	75-125	0.10	%REC	1		05/20/21 2:55
Surr: 4-Bromofluorobenzene	92	75-125	0.10	%REC	1		05/20/21 2:55

Qualifiers:

* Value may exceed the Acceptable Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

Print Date: 05/24/21 13:44

963545

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2107377

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 05/24/21 13:41

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2107377-016A

Client Sample ID: MW-12D

Collection Date: 05/18/21 13:24

Date Received: 05/18/21 16:15

PrepDate:

BatchNo: R34715

FileID: 1-SAMP-N5051.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1	05/20/21 3:30	
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1	05/20/21 3:30	
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	05/20/21 3:30	
Tetrachloroethene	ND	0.50	0.10	µg/L	1	05/20/21 3:30	
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	05/20/21 3:30	
Trichloroethene	1.12	0.50	0.10	µg/L	1	05/20/21 3:30	
Vinyl chloride	ND	1.00	0.33	µg/L	1	05/20/21 3:30	
Surr: 1,2-Dichloroethane-d4	94	75-130	0.16	%REC	1	05/20/21 3:30	
Surr: Toluene-d8	100	75-125	0.10	%REC	1	05/20/21 3:30	
Surr: 4-Bromofluorobenzene	93	75-125	0.10	%REC	1	05/20/21 3:30	

Qualifiers:

* Value may exceed the Acceptable Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

Print Date: 05/24/21 13:44

963546

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2107377

Matrix: WATER

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 05/24/21 13:41

Col Type:

Sample Size: NA

%Moisture:

TestCode: 8260W

Lab ID: 2107377-017A

Client Sample ID: MW-L16

Collection Date: 05/18/21 9:54

Date Received: 05/18/21 16:15

PrepDate:

BatchNo: R34715

FileID: 1-SAMP-N5052.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		05/20/21 4:05
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		05/20/21 4:05
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		05/20/21 4:05
Tetrachloroethene	ND	0.50	0.10	µg/L	1		05/20/21 4:05
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		05/20/21 4:05
Trichloroethene	1.06	0.50	0.10	µg/L	1		05/20/21 4:05
Vinyl chloride	ND	1.00	0.33	µg/L	1		05/20/21 4:05
Surr: 1,2-Dichloroethane-d4	95	75-130	0.16	%REC	1		05/20/21 4:05
Surr: Toluene-d8	100	75-125	0.10	%REC	1		05/20/21 4:05
Surr: 4-Bromofluorobenzene	92	75-125	0.10	%REC	1		05/20/21 4:05

Qualifiers:	* Value may exceed the Acceptable Level	B Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S Spike Recovery outside accepted recovery limits

Print Date: 05/24/21 13:44

963547

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2107377

Matrix: WATER Q

Inst. ID: MSN_76

ColumnID: Rtx-VMS

Revision: 05/24/21 14:10

Col Type:

Lab ID: 2107377-018A

Client Sample ID: Trip Blank

Collection Date: 03/22/21 0:00

Date Received: 05/18/21 16:15

PrepDate:

BatchNo: R34715

FileID: 1-SAMP-N5057.D

Sample Size: NA

%Moisture:

TestCode: 8260W

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1		05/20/21 7:00
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1		05/20/21 7:00
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		05/20/21 7:00
Tetrachloroethene	ND	0.50	0.10	µg/L	1		05/20/21 7:00
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1		05/20/21 7:00
Trichloroethene	ND	0.50	0.10	µg/L	1		05/20/21 7:00
Vinyl chloride	ND	1.00	0.33	µg/L	1		05/20/21 7:00
Surr: 1,2-Dichloroethane-d4	94	75-130	0.16	%REC	1		05/20/21 7:00
Surr: Toluene-d8	101	75-125	0.10	%REC	1		05/20/21 7:00
Surr: 4-Bromofluorobenzene	92	75-125	0.10	%REC	1		05/20/21 7:00

Qualifiers:

* Value may exceed the Acceptable Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

Print Date: 05/24/21 14:11

963550

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2107377

Matrix: EQUIPMENT BLANK

Inst. ID: MSN_76

Sample Size: NA

ColumnID: Rtx-VMS

%Moisture:

Revision: 05/24/21 13:41

TestCode: 8260W

Lab ID: 2107377-019A

Client Sample ID: *Equipment Blank 1*

Collection Date: 05/18/21 10:18

Date Received: 05/18/21 16:15

PrepDate:

BatchNo: R34715

FileID: 1-SAMP-N5058.D

Col Type:

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1	05/20/21 7:35	
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1	05/20/21 7:35	
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	05/20/21 7:35	
Tetrachloroethene	ND	0.50	0.10	µg/L	1	05/20/21 7:35	
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	05/20/21 7:35	
Trichloroethene	ND	0.50	0.10	µg/L	1	05/20/21 7:35	
Vinyl chloride	ND	1.00	0.33	µg/L	1	05/20/21 7:35	
Surr: 1,2-Dichloroethane-d4	95	75-130	0.16	%REC	1	05/20/21 7:35	
Surr: Toluene-d8	100	75-125	0.10	%REC	1	05/20/21 7:35	
Surr: 4-Bromofluorobenzene	92	75-125	0.10	%REC	1	05/20/21 7:35	

Qualifiers:

* Value may exceed the Acceptable Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

Print Date: 05/24/21 13:44

963551

Project Supervisor: David J Prichard



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: GeoLogic NY, Inc.

Project: 210087 March 2021

W Order: 2107377

Matrix: EQUIPMENT BLANK

Inst. ID: MSN_76

Sample Size: NA

ColumnID: Rtx-VMS

%Moisture:

Revision: 05/24/21 13:41

TestCode: 8260W

Lab ID: 2107377-020A

Client Sample ID: *Equipment Blank 2*

Collection Date: 05/18/21 8:10

Date Received: 05/18/21 16:15

PrepDate:

BatchNo: R34715

FileID: 1-SAMP-N5059.D

Col Type:

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260C/5030C			
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1	05/20/21 8:10	
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1	05/20/21 8:10	
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	05/20/21 8:10	
Tetrachloroethene	ND	0.50	0.10	µg/L	1	05/20/21 8:10	
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	05/20/21 8:10	
Trichloroethene	ND	0.50	0.10	µg/L	1	05/20/21 8:10	
Vinyl chloride	ND	1.00	0.33	µg/L	1	05/20/21 8:10	
Surr: 1,2-Dichloroethane-d4	94	75-130	0.16	%REC	1	05/20/21 8:10	
Surr: Toluene-d8	101	75-125	0.10	%REC	1	05/20/21 8:10	
Surr: 4-Bromofluorobenzene	92	75-125	0.10	%REC	1	05/20/21 8:10	

Qualifiers:

- * Value may exceed the Acceptable Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

Print Date: 05/24/21 13:44

963552

Project Supervisor: David J Prichard

GeoLogic NY, P.C.

CHAIN OF CUSTODY RECORD

CLIENT: GeoLogic

SAMPLER NAME(S): 2107377

PROJECT: 210087 – May 2021 Sampling 1 of 2

C. T. Gabriel and J. A. Menzel

SAMPLE LOCATION	DATE	TIME	SAMPLE TYPE			NO. of VIALS	ANALYSIS REQUIRED
			WATER	SOIL	AIR		
001 MW-1S	5/18	9:50	X			2	See Below
002 MW-1D	5/18	9:39	X			2	See Below
003 MW-2S	5/18	11:35	X			2	See Below
004 MW-4D	5/18	12:36	X			2	See Below
005 MW-5S	5/18	09:00	X			2	See Below
006 MW-5D	5/18	08:45	X			2	See Below
007 MW-6	5/18	10:44	X			2	See Below
008 MW-7	5/18	12:39	X			2	See Below
009 MW-8	5/18	10:57	X			2	See Below
010 TMW-1	5/18	13:13	X			2	See Below

Relinquished by:	Date	Time	Received by:	Date	Time
	5/18	15:12	Bill Donalton	5-18-21	15:15
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received for Lab by:	Date	Time
Bill Donalton	5-18-21		Daniel Rineca	5/18/21	16:15

Method of Shipment: LAB PICK-UP ☒ TEMP 5.8°C

COMMENTS:

Sample Analysis (1 µg/L reporting limit)

EPA 8260B for

1,1,1-Trichloroethane

1,1-Dichloroethene

(cis- & trans-) 1,2-Dichloroethene

Trichloroethene

Tetrachloroethene

Vinyl Chloride

GeoLogic NY, P.C.

CHAIN OF CUSTODY RECORD

2107377

CLIENT: GeoLogic

SAMPLER NAME(S): C. T. Gabriel

PROJECT: 210087 – May 2021 Sampling 2 of 2

C. T. Gabriel and J. A. Menzel

SAMPLE LOCATION	DATE	TIME	SAMPLE TYPE			NO. of VIALS	ANALYSIS REQUIRED
			WATER	SOIL	AIR		
011 MW-9	5/18	12:11	X			2	See Below
012 MW-10S	5/18	10:56	X			2	See Below
013 MW-10D	5/18	10:37	X			2	See Below
014 MW-11	5/18	12:02	X			2	See Below
015 MW-12S	5/18	13:54	X			2	See Below
016 MW-12D	5/18	13:24	X			2	See Below
017 MW-L16	5/18	9:54	X			2	See Below
018 Trip Blank	3/22/21		X			2	See Below
019 Equipment Blank 1	5/18	10:18	X			2	See Below
020 Equipment Blank 2	5/18	8:40	X			2	See Below
Relinquished by:		Date	Time	Received by:		Date	Time
		5/18	15:12			5-18-21	15:15
Relinquished by:		Date	Time	Received by:		Date	Time
Relinquished by:		Date	Time	Received for Lab by:		Date	Time
		5-18-21				5/18/21	16:19
Method of Shipment: LAB PICK-UP TEMP 5.8°C							
COMMENTS: Sample Analysis (1 µg/L reporting limit) EPA 8260B for 1,1,1-Trichloroethane 1,1-Dichloroethene (cis- & trans-) 1,2-Dichloroethene Trichloroethene Tetrachloroethene Vinyl Chloride							

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: GEOLOGIC

Date and Time Received:

5/18/2021 4:15:00 PM

Work Order Number: 2107377

Received by:

dcr

Checklist completed by:

Initials

JS

Date

5-18-21

Reviewed by:

Initials

DD

Date

5/19/21

Delivery Method: Courier

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Applicable ☒
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	
Water - VOA vials have zero headspace?	Yes ☒	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☒

Comments:

Corrective Action: