February 17, 2023

Darby Group Companies
c/o Theodore W. Firetog, Esq.
111 Thomas Powell Boulevard
Farmingdale, New York 11735-2251

Mr. Robert Bellotti
New York State Department of Environmental Conservation
Division of Environmental Remediation Bureau A, Section B
12th Floor, 625 Broadway
Albany, New York 12233-7015

**Re: Semi-Annual Groundwater Sampling Report**
**Former Darby Drugs – OUII (Off-Site)**
**Rockville Centre, New York 11570**
**NYSDEC Site Number: C130140A**

Dear Mr. Firetog and Mr. Bellotti:

EnviroTrac Ltd. (EnviroTrac) has prepared this report to document the results of groundwater sampling conducted during September 2022 at the above-referenced Site.

Please do not hesitate to contact me if you have any questions.

Sincerely,
***EnviroTrac Ltd.***

Jeffrey A. Bohlen, PG
Principal Geologist

ec: Steven Karpinski, NYSDOH

## Background

The chlorinated solvent tetrachloroethylene (PCE) was first found in soil and groundwater at 80-100 Banks Avenue, Rockville Centre, NY, identified as Operable Unit I (OUI), NYSDEC BCP No. C130140, during a Phase II investigation performed in November 2003 by a potential purchaser. The PCE is believed to have been released between 1972 and 1978 when a textile company leased the 80 Banks Avenue parcel. Following the implementation of investigative and cleanup work phases the remediation of OUI was completed under a modified Brownfield Cleanup Agreement (BCA) and a Certificate of Completion (COC) was signed on December 19, 2011. It is our understanding that the management of remaining contamination and groundwater treatment at OUI is ongoing in accordance with a NYSDEC approved Site Management Plan (SMP) dated November 4, 2011, by the current property owner.

Although Darby Group Companies, Inc. ("Darby Group"), did not cause the release of contaminants and did not own the property at OUI when releases occurred, an Order on Consent was executed by Darby Group with the NYSDEC on April 9, 2007 to investigate and potentially remediate contamination in groundwater in the adjacent off-site area to the south and west identified as Operable Unit II (OUII), NYSDEC Site No. C130140A.

Environmental Business Consultants (EBC), on behalf of Darby Group, conducted a Remedial Investigation (RI) for OUII and provided results in a report dated January 2015. That testing and subsequent investigations in OUII have been limited to the subsurface interval lying above a reported thick clay layer found at approximately 12 feet below land surface across the area. EBC developed recommendations based on results of their study that included the performance of chemical reagent injections as an Interim Remedial Measure (IRM) to reduce chlorinated volatile organic compound (CVOC) concentrations in groundwater in the hotspot area centered around MW11, along the eastern part of the entrance to Morgan Days Park. In accordance with a NYSDEC approved Work Plan, injections of sodium permanganate ($NaMnO_4$) reagent were performed on September 9 and 15, 2016. Results of the IRM were provided to the NYSDEC in a report prepared by EBC dated February 23, 2017.

The performance of a soil vapor intrusion (SVI) study was recommended by EBC for the building located at 51 Nassau Street and testing was conducted on March 30, 2016, in accordance with a NYSDEC approved work plan. Petroleum-related VOCs were detected at low concentrations within both the indoor and outdoor ambient air samples and were judged consistent with background levels. No CVOCs were detected within either of the indoor air samples or the outdoor ambient air sample. In addition to the air samples a water sample was collected from the basement and no CVOCs were detected. Results were provided to the NYSDEC in a report dated April 7, 2016.

In January 2019, EnviroTrac on behalf of Darby Group, collected groundwater samples from monitoring wells MW2, MW11 and MW12 and results were provided to the NYSDEC in a report dated March 4, 2019. Semi-annual sampling of selected monitoring wells in OUII was recommended. It should be noted that semi-annual sampling was temporarily suspended due to monitoring wells being destroyed by a State of New York construction project. In response to severe flooding associated with Super Storm Sandy, New York State (NYS) Governor's Office of Storm Recovery implemented a regional

flood control plan that included the installation of a sheet piling retaining wall along the boundary between OUI and OUII. As a result of the flood control project, monitoring wells MW1, MW2, MW11, MW12, MW13, and MW14 were destroyed. The destroyed monitoring wells were replaced as discussed in more detail below. This report provides data gathered during the most recent semi-annual testing and summarizes results of previous testing.

## Monitoring Well Replacements

From June 27 through June 29, 2022, an EnviroTrac representative was on-site to oversee the installation of replacement wells (MW1R, MW2R, MW11R, MW12R, MW13R, and MW14R) by Delta Well & Pump Co, Inc. of Ronkonkoma, New York on behalf of the NYS Governor's Office of Storm Recovery. The replacement wells were installed via a truck mounted hollow stem auger drill rig utilizing 4 ¼" augers. Geologic Log and Well Construction Details for the replacement wells are included as **Attachment 1**. The wells were later developed prior to the September 2022 groundwater sampling event.

In addition to replacing the monitoring wells, NYS Governor's Office of Storm Recovery agreed to have the well network professionally surveyed. A State subcontractor completed the well network survey but upon evaluation it was determined that the survey was completed incorrectly due to the manhole cover being surveyed rather than the top of well casing. EnviroTrac coordinated a separate well survey, on behalf of Darby, for January 2023.

## Scope of Work

EnviroTrac personnel reported to the Site on September 6 and 7, 2022, to gauge and sample monitoring wells [MW1R, MW2R, MW4, MW6 through MW9, MW11R, MW12R, MW-13R, and MW14R]. MW3 and MW10 were not located and MW5 had an obstruction preventing gauging and sampling. The purpose of the monitoring and sampling was to continue the assessment of shallow groundwater flow patterns and water quality at OUII.

Groundwater samples were collected utilizing laboratory supplied glassware and submitted to SGS EHS North America (SGS), Dayton, NJ for analysis of VOCs using EPA Method 8260. The sample set also included a trip blank (TB), a blind field duplicate (FD) and matrix spike, matrix spike duplicate (MS/MSD) samples for quality assurance (QA) purposes. Laboratory results were reported by SGS in Category B format. A data usability summary report (DUSR) was subsequently prepared by Environmental Data Services Inc., (EDS), Virginia Beach, VA.

On January 23, 2023, EnviroTrac was on-site to oversee a professional survey by L.K. McLean Associates, P.C. of Hicksville, NY. The survey was successfully completed, and the data will be provided to the NYSDEC in the next Semi-Annual Groundwater Sampling Report.

## Groundwater Sampling Results

On September 6, 2022, water level data was collected and is provided in **Table 1**. During the reporting period, when the wells were gauged, the replacement wells had not yet been professionally surveyed.

The EDS DUSR presents results of third-party review of the laboratory reporting and is provided in **Attachment 2**. There were no data rejections, and all results were deemed useable in accordance with any applied data quality indicators. Validated laboratory results for the September 2022 sampling event are provided in **Table 2**.

A summary of historic CVOC results is provided in **Table 3**.

**Figures 2** through **6** provide concentrations for PCE, trichloroethene (TCE), 1,2-dichloroethene (1,2-DCE), and vinyl chloride (VC) in wells MW2/MW-2R, MW11/MW-11R, MW12/MW-12R, MW13/MW-13R and MW14/MW-14R during the period November 2011 to September 2022. **Figure 7** provides a summary of total CVOC results in those wells for the same period.

## Findings and Conclusions

*Groundwater Flow*

Based upon the groundwater gauging data collected during the September 2022 semi-annual groundwater sampling event, the groundwater flow direction was not determined since the wells were not professionally surveyed at the time they were gauged.

*Groundwater Quality*

Groundwater pH has been monitored periodically during the last four (4) years; test results are summarized below.

| | Well Name | | | | | |
|---|---|---|---|---|---|---|
| **Date** | **MW2** | **MW9** | **MW11** | **MW12** | **MW13** | **MW14** |
| 1/10/2019 | 6.71 | not measured | 6.02 | 7.00 | not measured | not measured |
| 1/31/2020 | 5.94 | 6.78 | 5.62 | 6.98 | 8.06 | 7.21 |
| 1/18/2021 | 5.88 | 6.17 | 6.03 | 6.67 | 7.12 | 6.30 |
| 9/9/2021 | damaged | 6.60 | 5.96 | 6.82 | could not locate | 7.21 |
| 9/6/2022 | * | 7.09 | * | * | * | * |
| **Date** | **MW2R** | | **MW11R** | **MW12R** | **MW13R** | **MW14R** |
| 9/6/2022 | 5.52 | - | 6.05 | 6.87 | 7.09 | 8.26 |

* = Replacement well installed.

Long-term groundwater quality monitoring at the adjacent site (OUI) has revealed a consistent condition with pH elevated far above the presented OUII data. Monitoring wells at OUI have exhibited pH in the 11-12 range (i.e., highly alkaline). The origin of this

phenomenon historically coincides with the completion of construction at OUI that included the placement of a large quantity of recycled concrete aggregate (RCA) fill; a material known to raise pH when in contact with groundwater. In contrast, the pH at OUII is generally neutral/acidic as noted above and is consistent with precipitation that naturally recharges the shallow groundwater that is tested.

Historically, the OUI vs OUII pH differential supported conclusions regarding groundwater flow between the two operable units as discussed above and provided additional evidence of established on-site hydraulic plume control. Subsequent to the installation of the sheet piling retaining wall along the boundary between OUI and OUII, there is now a hydrologic divide in the shallow groundwater that should theoretically prevent migration of the PCE plume and higher alkaline groundwater from OUI to OUII.

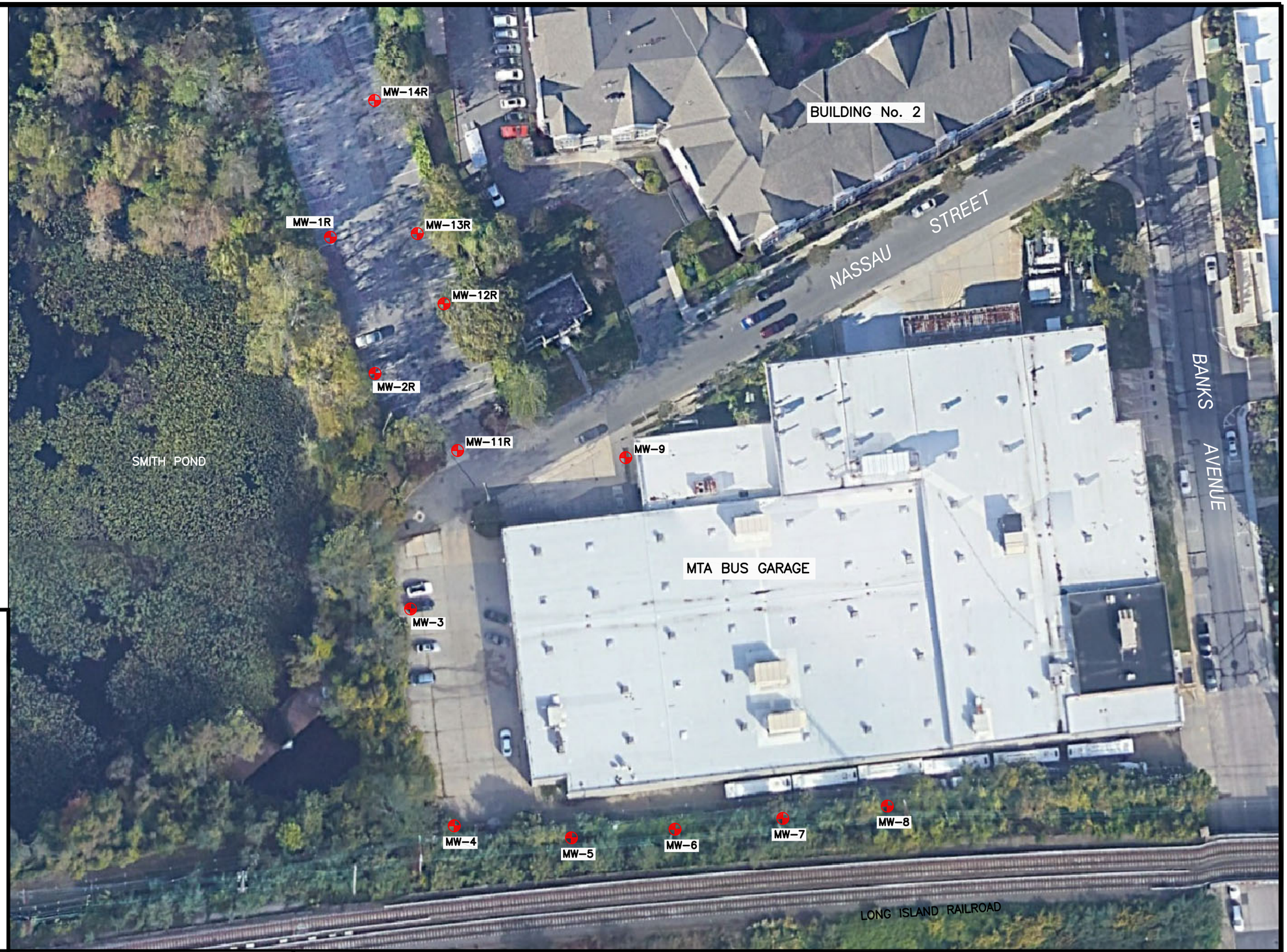
The historic relationships regarding total CVOC concentrations at wells installed near the perimeter of OUII compared to wells located further off-site to the west and south, suggested that continuing off-site migration of contamination from OUI was not occurring. It is anticipated that the current relationship would remain similar post installation of the sheet piling retaining wall. The relationship will be monitored with data from future groundwater sampling events.

This September 2022 groundwater sampling event represents the initial sampling us the newly installed replacement wells. **Table 3** includes historic data from the original wells and current data from the replacement wells. When compared the results of MW1R, MW2R, MW11R, MW12R, and MW13R conform with historic data. The only notable variation was with MW14R, where the current data for PCE and cis-1,2-Dichloroethene represents a historic high concentration. Cis-1,2-Dichloroethene was reported at 1,780 micrograms per liter (ug/L) where the previous high concentration was 1,300 ug/L in October 2014. PCE was reported at 1,920 ug/L where the previous high concentration was 975 ug/L in January 2021. A possible cause for the increase could have been that the disturbance from construction activities including the driving of sheet piling may have disturbed the aquifer and facilitated migration. The results of MW14R will be monitored moving forward to determine if it was an anomaly. It should be noted that this historic high concentration coincides with a historic high pH concentration.

## Recommendations

The next semi-annual sampling event will be conducted in March 2023. Recommended wells to be gauged and sampled for EPA 8260 VOCs include MW1R, MW2R, MW3, MW4, MW6 through MW9, and MW11R through MW14R. The sample set will include QA samples and laboratory reporting conforming to a Category B deliverable format; a DUSR will be prepared by a third-party validator. Results of the semi-annual testing will be provided to the NYSDEC in a Semi-Annual Groundwater Sampling Report.

# Figures




## LEGEND:

MONITORING WELL LOCATION

EnviroTrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924-3001 FAX: (631)924-5001

0 60
SCALE IN FEET

REVISION DATE: 1/31/2023 REVISED BY: BS

80 & 100 BANKS AVENUE
ROCKVILLE CENTRE, NEW YORK

# AERIAL SITE PLAN – OUII OFF-SITE WELLS

FIGURE #
1

# Figure 2 - MW2 & MW2R

**Former Darby Drugs - OUII**
**BCP C130140A**

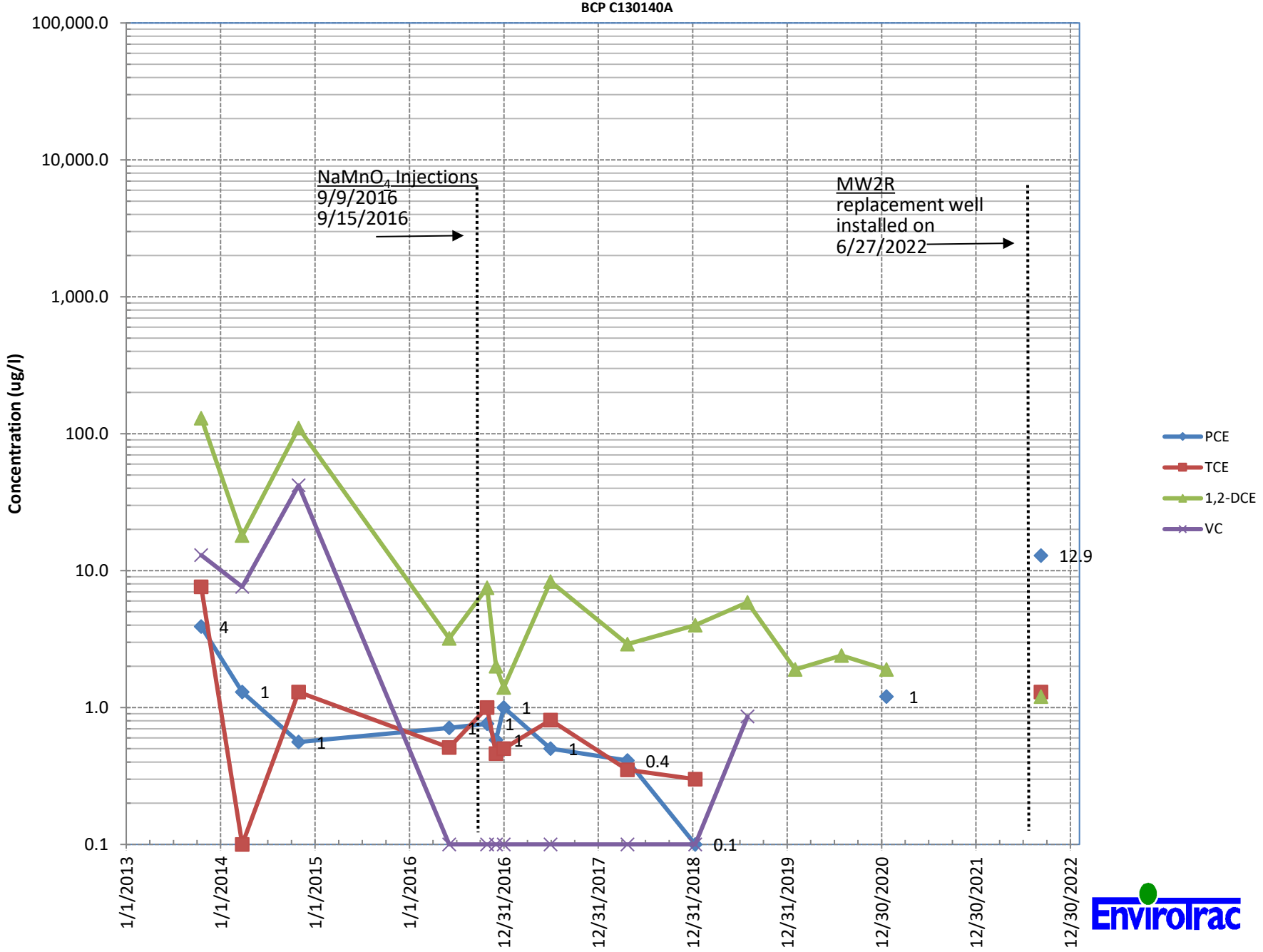



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**Figure 3 - MW11 & MW11R**

**Former Darby Drugs - OUII**

**BCP C130140A**

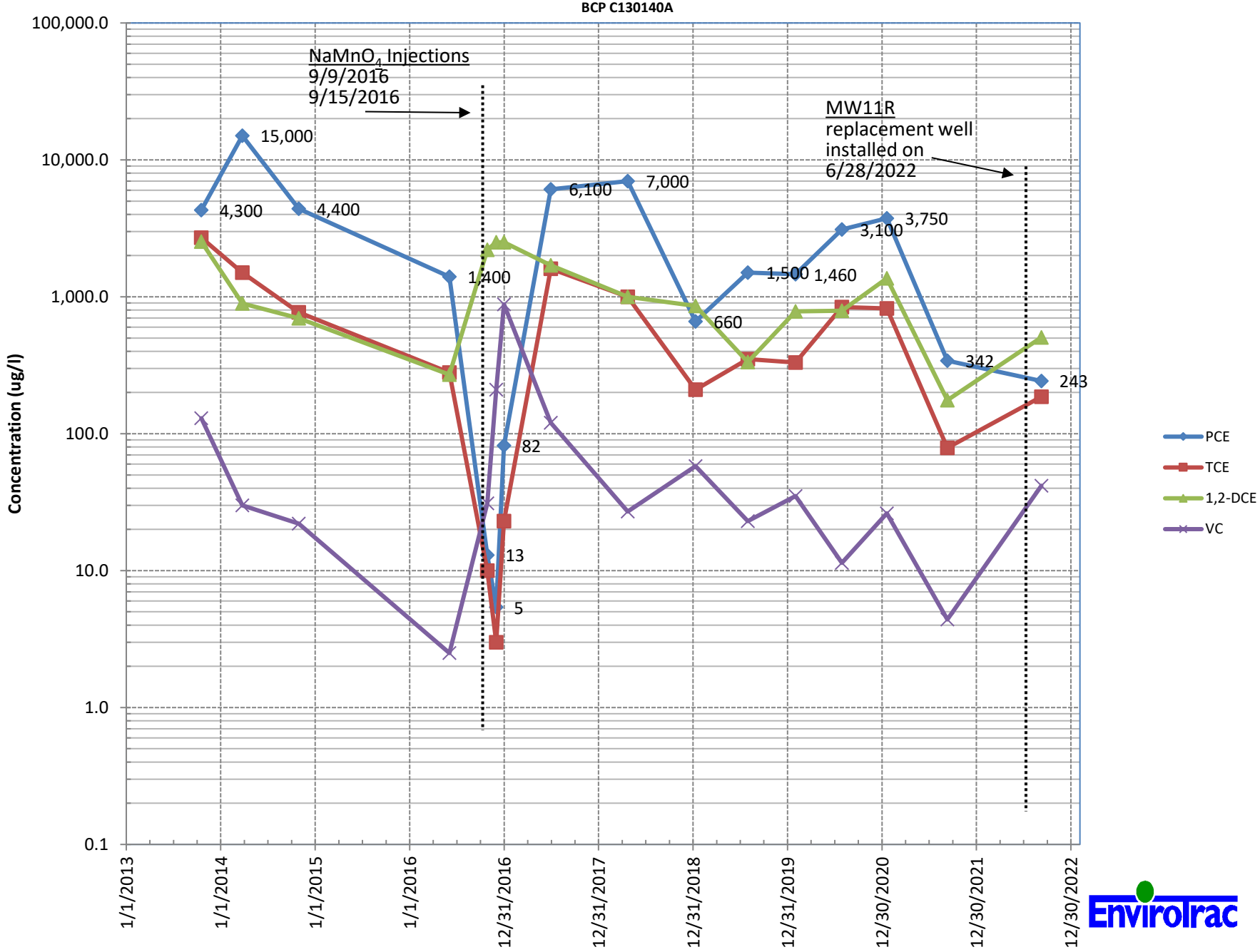


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**Figure 4 - MW12 & MW12R**

**Former Darby Drugs - OUII**

**BCP C13014A**

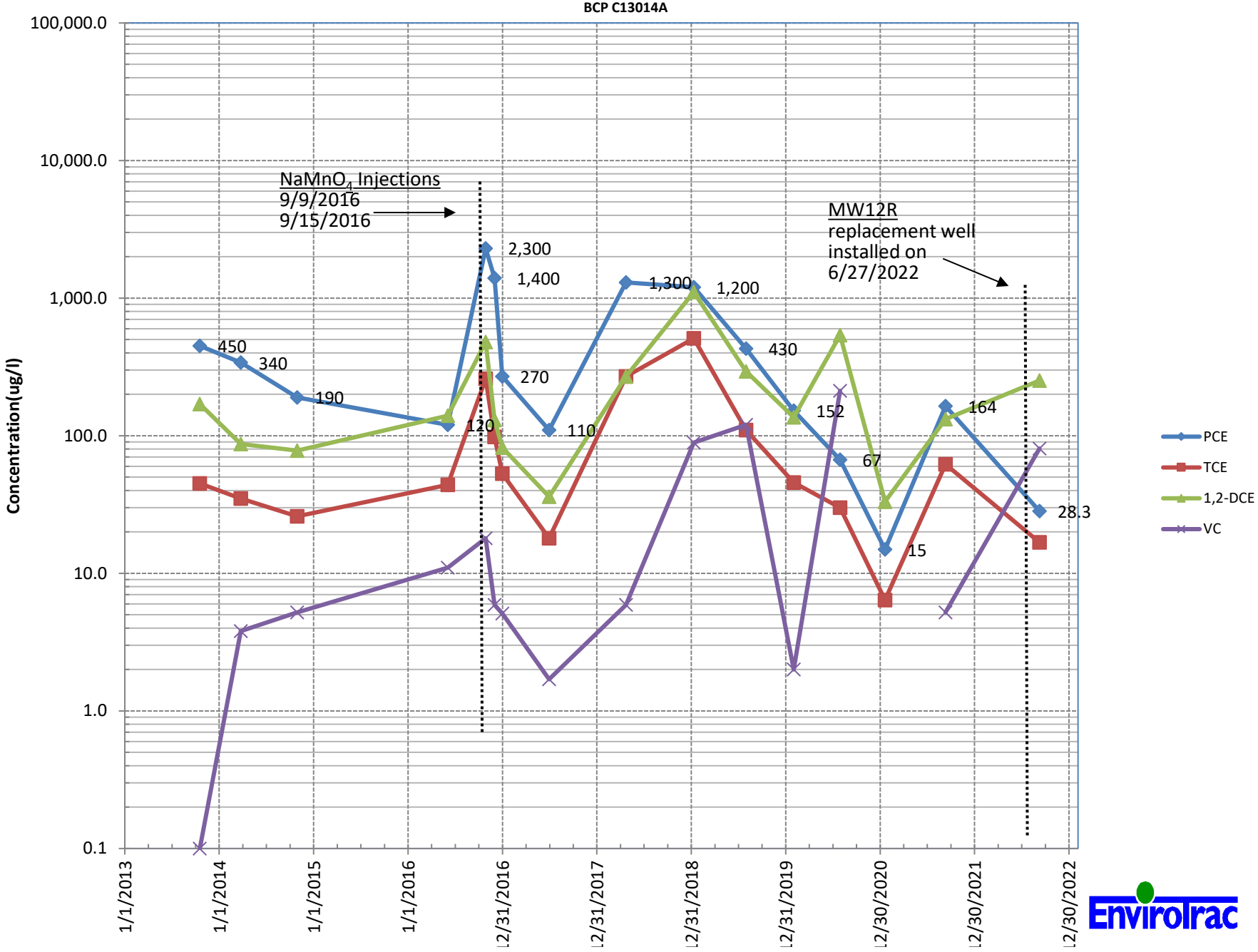

**Figure 5 - MW13 & MW13R**

**Former Darby Drugs - OUII**

**BCP C130140A**

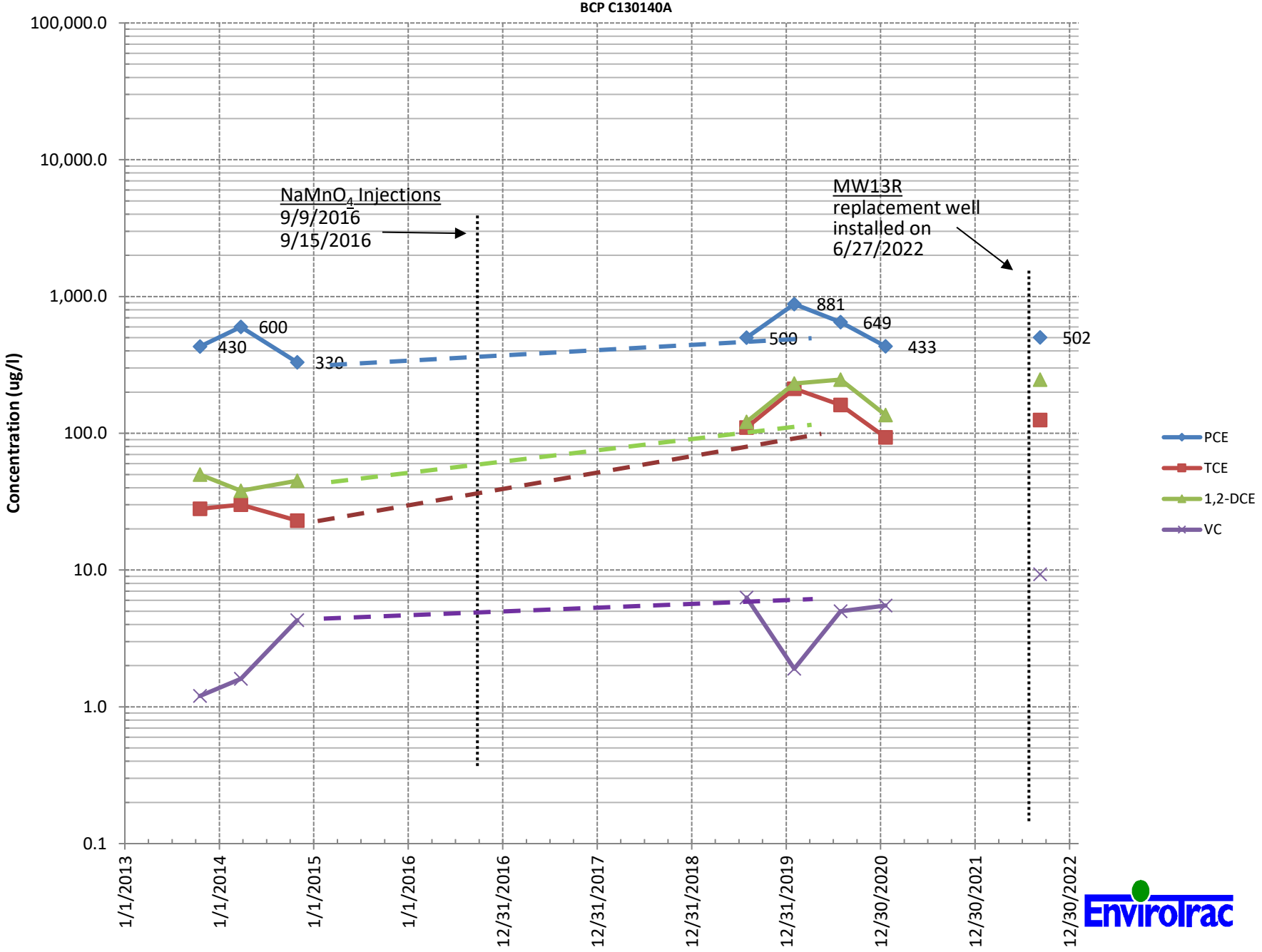


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**Figure 6 - MW14 & MW14R**

**Former Darby Drugs - OUII**

**BCP C130140A**

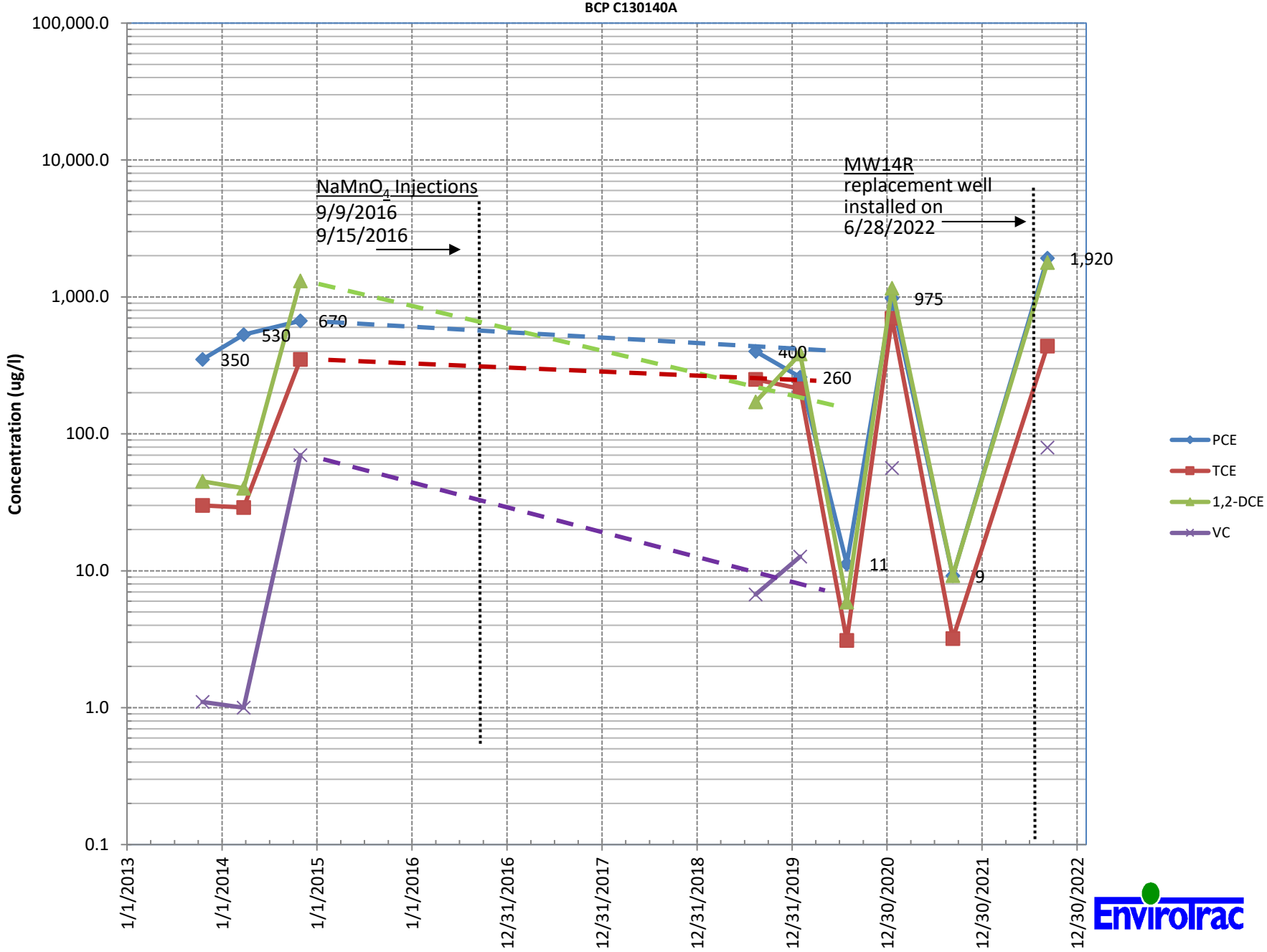
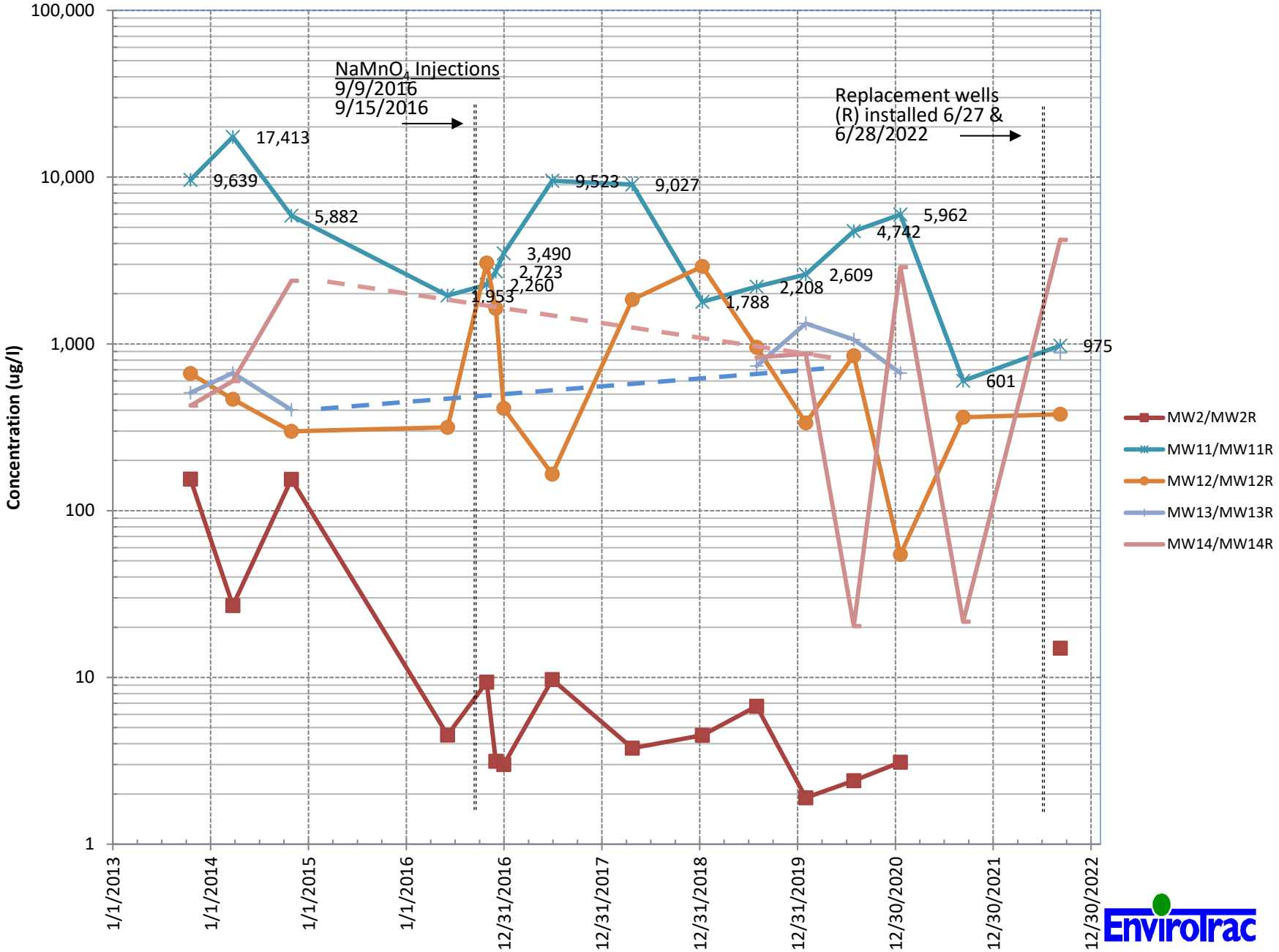


**Figure 7 - Total CVOCs**

**Former Darby Drugs - OUII**

**BCP C130140A**



# Tables

**Table 1: Summary of Groundwater Elevation Measurements**
**Former Darby Drugs – OUII (Off-Site)**
**Rockville Centre, New York**
**NYSDEC BCP Number: C130140A**

| Well Name | MW1 | | MW2 | | MW3 | | MW4 | | MW5 | |
|---|---|---|---|---|---|---|---|---|---|---|
| MP ELEV | 8.28 | | 8.74 | | 8.96 | | 9.79 | | 10.35 | |
| Gauging Date | DTW | ELEV | DTW | ELEV | DTW | ELEV | DTW | ELEV | DTW | ELEV |
| 3/26/2014 | 3.10 | 5.18 | 4.39 | 4.35 | 4.66 | 4.30 | 5.46 | 4.33 | 5.81 | 4.54 |
| 1/10/2019 | - | - | 3.36 | 5.38 | - | - | - | - | - | - |
| 7/31/2019 | CNL | - | 3.60 | 5.14 | - | - | - | - | - | - |
| 9/13/2019 | CNL | - | 3.78 | 4.96 | - | - | - | - | - | - |
| 1/31/2020 | CNL | - | 3.54 | 5.20 | CNL | - | 5.61 | 4.18 | WD | - |
| 7/28/2020 | CNL | - | 4.01 | 4.73 | CNL | - | 6.08 | 3.71 | WD | - |
| 1/18/2021 | CNL | - | 3.74 | 5.00 | CNL | - | 5.73 | 4.06 | WD | - |
| 9/9/2021 | CNL | - | damaged | | CNL | - | 5.32 | 4.47 | WD | - |
| 9/6/2022 | destroyed | | destroyed | | CNL | - | 6.41 | 3.38 | CNL | - |
| **Minimum** | 3.10 | 5.18 | 3.36 | 4.35 | 4.66 | 4.30 | 5.32 | 3.38 | 5.81 | 4.54 |
| **Average** | 3.10 | 5.18 | 3.77 | 4.97 | 4.66 | 4.30 | 5.77 | 4.02 | 5.81 | 4.54 |
| **Maximum** | 3.10 | 5.18 | 4.39 | 5.38 | 4.66 | 4.30 | 6.41 | 4.47 | 5.81 | 4.54 |

| Well Name | MW6 | | MW7 | | MW8 | | MW9 | | MW10 | |
|---|---|---|---|---|---|---|---|---|---|---|
| MP ELEV | 10.97 | | 11.53 | | 11.53 | | 10.82 | | 10.13 | |
| Gauging Date | DTW | ELEV | DTW | ELEV | DTW | ELEV | DTW | ELEV | DTW | ELEV |
| 3/26/2014 | 6.25 | 4.72 | 6.18 | 5.35 | 6.63 | 4.90 | 6.87 | 3.95 | 5.89 | 4.24 |
| 1/10/2019 | - | - | - | - | - | - | - | - | - | - |
| 7/31/2019 | - | - | - | - | - | - | - | - | - | - |
| 9/13/2019 | - | - | - | - | - | - | - | - | - | - |
| 1/31/2020 | 6.14 | 4.83 | 6.03 | 5.50 | 6.42 | 5.11 | 7.04 | 3.78 | CNL | - |
| 7/28/2020 | 6.80 | 4.17 | 7.08 | 4.45 | 7.12 | 4.41 | 7.42 | 3.40 | CNL | - |
| 1/18/2021 | 6.12 | 4.85 | 5.91 | 5.62 | 6.28 | 5.25 | 7.20 | 3.62 | CNL | - |
| 9/9/2021 | 5.76 | 5.21 | 5.34 | 6.19 | 5.72 | 5.81 | 6.65 | 4.17 | CNL | - |
| 9/6/2022 | 6.41 | 4.56 | 6.38 | 5.15 | 6.74 | 4.79 | 6.84 | 3.98 | CNL | - |
| **Minimum** | 5.76 | 4.17 | 5.34 | 4.45 | 5.72 | 4.41 | 6.65 | 3.40 | 5.89 | 4.24 |
| **Average** | 6.25 | 4.72 | 6.15 | 5.38 | 6.49 | 5.05 | 7.00 | 3.82 | 5.89 | 4.24 |
| **Maximum** | 6.80 | 5.21 | 7.08 | 6.19 | 7.12 | 5.81 | 7.42 | 4.17 | 5.89 | 4.24 |

| Well Name | MW11 | | MW12 | | MW13 | | MW14 | |
|---|---|---|---|---|---|---|---|---|
| MP ELEV | 9.48 | | 9.87 | | 10.00 | | 10.21 | |
| Gauging Date | DTW | ELEV | DTW | ELEV | DTW | ELEV | DTW | ELEV |
| 3/26/2014 | 4.61 | 4.87 | 4.06 | 5.81 | 3.71 | 6.29 | 3.21 | 7.00 |
| 1/10/2019 | 4.60 | 4.88 | 4.85 | 5.02 | - | - | - | - |
| 7/31/2019 | 4.83 | 4.65 | 5.21 | 4.66 | 5.32 | 4.68 | 5.80 | 4.41 |
| 9/13/2019 | 5.00 | 4.48 | 5.02 | 4.85 | 5.00 | 5.00 | 4.83 | 5.38 |
| 1/31/2020 | 4.80 | 4.68 | 5.15 | 4.72 | 5.26 | 4.74 | 5.17 | 5.04 |
| 7/28/2020 | 5.28 | 4.20 | 5.50 | 4.37 | 5.51 | 4.49 | 5.40 | 4.81 |
| 1/18/2021 | 4.93 | 4.55 | 4.97 | 4.90 | 4.93 | 5.07 | 4.61 | 5.60 |
| 9/9/2021 | 4.44 | 5.04 | 4.02 | 5.85 | CNL | | 3.30 | 6.91 |
| 9/6/2022 | destroyed | | destroyed | | destroyed | | destroyed | |
| **Minimum** | 4.44 | 4.20 | 4.02 | 4.37 | 3.71 | 4.49 | 3.21 | 4.41 |
| **Average** | 4.81 | 4.67 | 4.85 | 5.02 | 4.96 | 5.05 | 4.62 | 5.59 |
| **Maximum** | 5.28 | 5.04 | 5.50 | 5.85 | 5.51 | 6.29 | 5.80 | 7.00 |

| Well Name | MW1R | | MW2R | | MW11R | | MW12R | | MW13R | | MW14R | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MP ELEV | NM | | NM | | NM | | NM | | NM | | NM | |
| Gauging Date | DTW | ELEV | DTW | ELEV | DTW | ELEV | DTW | ELEV | DTW | ELEV | DTW | ELEV |
| 9/6/2022 | 4.02 | NM | 4.70 | NM | 5.28 | NM | 5.30 | NM | 4.78 | NM | 4.54 | NM |

Notes:
MP ELEV - measuring point elevation (ft).
DTW - depth to water (ft from measuring pont).
ELEV - water level elevation (ft).
WD - well head damaged, steel cover cross-threaded.
CNL - cound not locate.
9/9/2021 - Final sampling date of MW1, MW2, MW11, MW12, MW13, & MW14 before they were destroyed.

**Table 2: Summary of Groundwater Sampling Results - September 6 & 7, 2022**
**Former Darby Drugs – OUII (Off-Site)**
**Rockville Centre, New York**
**NYSDEC BCP Number: C130140A**

| COMPOUND | NYSDEC AWQS | MW4 | MW6 | MW7 | MW8 | MW9 | TB | MW1R | MW2R | DUP (1) | MW11R | MW12R | MW13R | MW14R | TB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,2,2-Tetrachloroethane | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,2-Trichloroethane | 1 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1-Dichloroethane | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1-Dichloroethene | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | **1.5** | 0.78 J | 1.0 | 1 U | 1 U |
| 1,2,3-Trichlorobenzene | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2,4-Trichlorobenzene | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-Dibromo-3-chloropropane | 0.04 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| 1,2-Dibromoethane | 0.0006 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-Dichlorobenzene | 3 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-Dichloroethane | 0.6 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-Dichloropropane | 1 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,3-Dichlorobenzene | 3 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,4-Dichlorobenzene | 3 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2-Butanone (MEK) | 50 | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-Hexanone | 50 | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| 4-Methyl-2-pentanone(MIBK) | - | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| Acetone | 50 | 10 U | 10 U | 10 U | 10 U | 4.4 J | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Benzene | 1 | 0.5 U | 0.5 U | 0.5 U | 0.5 U | **15.6** | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromochloromethane | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Bromodichloromethane | 50 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Bromoform | 50 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Bromomethane | 5 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| Carbon disulfide | - | 0.61 J | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| Carbon tetrachloride | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Chlorobenzene | 5 | 1 U | 0.97 J | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Chloroethane | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Chloroform | 7 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | **6.0** J | 1 U |
| Chloromethane | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| cis-1,2-Dichloroethene | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | **6.7** | **1.2** | **1.2** | **504** | **252** | **247** | **1,780** | 1 U |
| cis-1,3-Dichloropropene | 0.4* | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Cyclohexane | - | 5 U | 1.4 J | 5 U | 5 U | **63.3** | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| Dibromochloromethane | 50 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Dichlorodifluoromethane | 5 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| Ethylbenzene | 5 | 1 U | 1 U | 1 U | 1 U | **2.1** | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Freon 113 | 5 | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| Isopropylbenzene | 5 | 1 U | 0.69 J | **2.0** | 1 U | **17.7** | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| m,p-Xylene | 5 | 1 U | 1 U | 1 U | 1 U | **2.2** | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Methyl Acetate | - | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| Methyl Tert Butyl Ether | 10 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Methylcyclohexane | - | 5 U | 0.78 J | 5 U | 5 U | **45.8** | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| Methylene chloride | 5 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| o-Xylene | 5 | 1 U | 1 U | 1 U | 1 U | 0.96 J | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Styrene | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Tetrachloroethene | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | **25.8** | **12.9** | **10.9** | **243** | **28.3** | **502** | **1,920** | 1 U |
| Toluene | 5 | 1 U | 1 U | 1 U | 1 U | **3.0** | 1 U | 1 U | 1 U | 1 U | 0.63 J | 1 U | 1 U | 1 U | 1 U |
| trans-1,2-Dichloroethene | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | **2.5** | **2.3** | **1.6** | **13.8** | 1 U |
| trans-1,3-Dichloropropene | 0.4* | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Trichloroethene | 5 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | **3.1** | **1.3** | **1.2** | **186** | **16.8** | **125** | **437** | 1 U |
| Trichlorofluoromethane | 5 | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| Vinyl chloride | 2 | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | **2.6** | 1 U | 1 U | **41.6** | **80.8** | **9.3** | **79.3** | 1 U |
| Xylene (total) | 5 | 1 U | 1 U | 1 U | 1 U | **3.2** | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| **Total VOCs** | - | **0.61** | **3.84** | **2.0** | **ND** | **155.1** | **ND** | **38.2** | **15.4** | **13.3** | **979.23** | **380.98** | **885.9** | **4,236.1** | **ND** |

**Notes:**
(1) - duplicate of sample MW2R.
TB - trip blank.
AWQS: Ambient Water Quality Standard or Guidance Value (TOGS 1.1.1).
Results and AWQS provided in micrograms per liter (ug/l).
U - not detected relative to the indicated laboratory reporting limit (RL).
J - estimated value.
**Bold values indicate detections above the RL.**
**Result exceeds the AWQS/Guidance Value.**

**Table 3: Summary of Historic Results - Detected Chlorinated Volatile Organic Compounds in Groundwater**
**Former Darby Drugs – OUII (Off-Site)**
**Rockville Centre, New York**
**NYSDEC BCP Number: C130140A**

| | NYSDEC | MW1 | | | | | MW1R |
|---|---|---|---|---|---|---|---|
| CVOC | AWQS | 11/17/2011 | 10/18/2013 | 3/26/2014 | 10/29/2014 | | 9/7/2022 |
| 1,1-Dichloroethene | 5 | ND | 2 | ND | ND | | ND |
| 1,2-Dichlorobenzene | 3 | ND | ND | ND | ND | | ND |
| Chlorobenzene | 5 | ND | ND | ND | ND | | ND |
| Chloroform | 7 | ND | ND | ND | ND | | ND |
| Chloromethane | 5 | ND | ND | ND | ND | | ND |
| cis-1,2-Dichloroethene | 5 | 5.3 | 1,100 | 8.3 | 7.8 | | 6.7 |
| Dichlorodifluoromethane | 5 | ND | ND | ND | ND | | ND |
| Tetrachloroethene | 5 | ND | 250 | ND | 1.1 | | 25.8 |
| trans-1,2-Dichloroethene | 5 | ND | 4.7 | ND | ND | | ND |
| Trichloroethene | 5 | ND | 340 | 3.2 | 1.2 | | 3.1 |
| Vinyl Chloride | 2 | ND | 59 | 1.2 | 0.46 | | 2.6 |

| | NYSDEC | MW2 | | | | | | | | | | | | | | | | MW2R |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CVOC | AWQS | 11/17/2011 | 10/18/2013 | 3/26/2014 | 10/29/2014 | 6/3/2016 | 10/27/2016 | 11/30/2016 | 12/30/2016 | 6/29/2017 | 4/23/2018 | 1/10/2019 | 7/31/2019 | 1/31/2020 | 7/28/2020 | 1/18/2021 | 9/9/2021 | 9/7/2022 |
| 1,1-Dichloroethene | 5 | ND | < 1 | < 1 | 0.32 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | | ND |
| 1,2-Dichlorobenzene | 3 | ND | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | | ND |
| Chlorobenzene | 5 | ND | < 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 1 | < 1 | < 1 | | ND |
| Chloroform | 7 | ND | < 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 1 | < 1 | < 1 | | ND |
| Chloromethane | 5 | ND | < 1 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 1 | < 1 | < 1 | | ND |
| cis-1,2-Dichloroethene | 5 | ND | 130 | 18 | 110 | 3.2 | 7.5 | 2 | 1.4 | 8 | 2.9 | 3.6 | 5.5 | 1.9 | 2.4 | 1.9 | Damaged | 1.2 |
| Dichlorodifluoromethane | 5 | ND | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 2 | < 2 | < 2 | | ND |
| Tetrachloroethene | 5 | ND | 3.9 | 1.3 | 0.56 | 0.71 | 0.76 | 0.58 | 1 | 0.5 | 0.41 | < 1 | < 1 | < 1 | < 1 | < 1 | | 12.9 |
| trans-1,2-Dichloroethene | 5 | ND | 2.4 | < 5 | 1.9 | < 5 | < 5 | < 5 | < 5 | 0.28 | < 5 | < 5 | 0.36 | < 1 | < 1 | < 1 | | ND |
| Trichloroethene | 5 | ND | 7.6 | < 1 | 1.3 | 0.51 | 1 | 0.46 | 0.5 | 0.81 | 0.35 | 0.27 | < 1 | < 1 | < 1 | < 1 | | 1.3 |
| Vinyl Chloride | 2 | ND | 13 | 7.6 | 42 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | 0.86 | < 1 | < 1 | < 1 | | ND |

| | NYSDEC | MW3 | | |
|---|---|---|---|---|
| CVOC | AWQS | 11/17/11 | 3/26/14 | 10/29/14 |
| 1,1-Dichloroethene | 5 | ND | < 1 | < 1 |
| 1,2-Dichlorobenzene | 3 | ND | < 1 | < 1 |
| Chlorobenzene | 5 | ND | < 1 | < 5 |
| Chloroform | 7 | ND | < 5 | < 5 |
| Chloromethane | 5 | ND | < 5 | < 5 |
| cis-1,2-Dichloroethene | 5 | ND | < 1 | < 1 |
| Dichlorodifluoromethane | 5 | ND | < 1 | < 1 |
| Tetrachloroethene | 5 | ND | < 1 | < 1 |
| trans-1,2-Dichloroethene | 5 | ND | < 5 | < 5 |
| Trichloroethene | 5 | ND | < 1 | < 1 |
| Vinyl Chloride | 2 | ND | < 1 | < 1 |

| | NYSDEC | MW4 | | |
|---|---|---|---|---|
| CVOC | AWQS | 11/17/11 | 10/29/14 | 9/6/2022 |
| 1,1-Dichloroethene | 5 | ND | < 1 | ND |
| 1,2-Dichlorobenzene | 3 | ND | < 1 | ND |
| Chlorobenzene | 5 | ND | < 1 | ND |
| Chloroform | 7 | ND | < 1 | ND |
| Chloromethane | 5 | ND | < 1 | ND |
| cis-1,2-Dichloroethene | 5 | ND | < 1 | ND |
| Dichlorodifluoromethane | 5 | ND | < 2 | ND |
| Tetrachloroethene | 5 | ND | < 1 | ND |
| trans-1,2-Dichloroethene | 5 | ND | < 1 | ND |
| Trichloroethene | 5 | ND | < 1 | ND |
| Vinyl Chloride | 2 | ND | < 1 | ND |

**Table 3: Summary of Historic Results - Detected Chlorinated Volatile Organic Compounds in Groundwater**
**Former Darby Drugs – OUII (Off-Site)**
**Rockville Centre, New York**
**NYSDEC BCP Number: C130140A**

| CVOC | NYSDEC AWQS | MW5 11/17/11 |
|---|---|---|
| 1,1-Dichloroethene | 5 | ND |
| 1,2-Dichlorobenzene | 3 | ND |
| Chlorobenzene | 5 | ND |
| Chloroform | 7 | ND |
| Chloromethane | 5 | ND |
| cis-1,2-Dichloroethene | 5 | ND |
| Dichlorodifluoromethane | 5 | ND |
| Tetrachloroethene | 5 | ND |
| trans-1,2-Dichloroethene | 5 | ND |
| Trichloroethene | 5 | ND |
| Vinyl Chloride | 2 | ND |

| | NYSDEC | MW6 | | |
|---|---|---|---|---|
| CVOC | AWQS | 11/17/11 | 10/29/14 | 9/6/2022 |
| 1,1-Dichloroethene | 5 | ND | < 1 | ND |
| 1,2-Dichlorobenzene | 3 | ND | **0.16** | ND |
| Chlorobenzene | 5 | ND | **0.41** | 0.97 |
| Chloroform | 7 | ND | < 1 | ND |
| Chloromethane | 5 | ND | < 1 | ND |
| cis-1,2-Dichloroethene | 5 | ND | < 1 | ND |
| Dichlorodifluoromethane | 5 | ND | < 2 | ND |
| Tetrachloroethene | 5 | ND | < 1 | ND |
| trans-1,2-Dichloroethene | 5 | ND | < 1 | ND |
| Trichloroethene | 5 | ND | < 1 | ND |
| Vinyl Chloride | 2 | ND | < 1 | ND |

| | NYSDEC | MW7 | | |
|---|---|---|---|---|
| CVOC | AWQS | 11/17/11 | 10/29/14 | 9/6/2022 |
| 1,1-Dichloroethene | 5 | ND | < 1 | ND |
| 1,2-Dichlorobenzene | 3 | ND | < 1 | ND |
| Chlorobenzene | 5 | **0.55** | < 1 | ND |
| Chloroform | 7 | ND | < 1 | ND |
| Chloromethane | 5 | ND | < 1 | ND |
| cis-1,2-Dichloroethene | 5 | ND | < 1 | ND |
| Dichlorodifluoromethane | 5 | ND | < 2 | ND |
| Tetrachloroethene | 5 | ND | < 1 | ND |
| trans-1,2-Dichloroethene | 5 | ND | < 1 | ND |
| Trichloroethene | 5 | ND | < 1 | ND |
| Vinyl Chloride | 2 | ND | < 1 | ND |

| | NYSDEC | MW8 | | |
|---|---|---|---|---|
| CVOC | AWQS | 11/17/11 | 10/29/14 | 9/6/2022 |
| 1,1-Dichloroethene | 5 | ND | < 1 | ND |
| 1,2-Dichlorobenzene | 3 | ND | < 1 | ND |
| Chlorobenzene | 5 | ND | < 1 | ND |
| Chloroform | 7 | ND | < 5 | ND |
| Chloromethane | 5 | ND | **0.49** | ND |
| cis-1,2-Dichloroethene | 5 | ND | < 1 | ND |
| Dichlorodifluoromethane | 5 | ND | < 1 | ND |
| Tetrachloroethene | 5 | ND | < 1 | ND |
| trans-1,2-Dichloroethene | 5 | ND | < 5 | ND |
| Trichloroethene | 5 | ND | < 1 | ND |
| Vinyl Chloride | 2 | ND | < 1 | ND |

**Table 3: Summary of Historic Results - Detected Chlorinated Volatile Organic Compounds in Groundwater**
**Former Darby Drugs – OUII (Off-Site)**
**Rockville Centre, New York**
**NYSDEC BCP Number: C130140A**

| CVOC | NYSDEC AWQS | MW9 | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 10/18/13 | 10/29/14 | 1/31/2020 | 7/28/2020 | 1/18/2021 | 9/9/2021 | 9/6/2022 |
| 1,1-Dichloroethene | 5 | < 2 | < 1 | < 1 | < 1 | < 1 | < 1 | ND |
| 1,2-Dichlorobenzene | 3 | < 2 | < 1 | < 1 | < 1 | < 1 | < 1 | ND |
| Chlorobenzene | 5 | < 2 | < 5 | < 1 | < 1 | < 1 | < 1 | ND |
| Chloroform | 7 | < 2 | < 5 | < 1 | < 1 | < 1 | < 1 | ND |
| Chloromethane | 5 | < 2 | < 5 | < 1 | < 1 | < 1 | < 1 | ND |
| cis-1,2-Dichloroethene | 5 | < 2 | < 1 | < 1 | < 1 | < 1 | < 1 | ND |
| Dichlorodifluoromethane | 5 | < 2 | < 1 | < 2 | < 2 | < 2 | < 2 | ND |
| Tetrachloroethene | 5 | < 2 | < 1 | < 1 | < 1 | **0.91** | < 1 | ND |
| trans-1,2-Dichloroethene | 5 | < 2 | < 5 | < 1 | < 1 | < 1 | < 1 | ND |
| Trichloroethene | 5 | < 2 | < 1 | < 1 | < 1 | < 1 | < 1 | ND |
| Vinyl Chloride | 2 | < 2 | < 1 | < 1 | < 1 | < 1 | < 1 | ND |

| CVOC | NYSDEC AWQS | MW10 | |
|---|---|---|---|
| | | 10/18/13 | 10/29/14 |
| 1,1-Dichloroethene | 5 | < 1 | < 1 |
| 1,2-Dichlorobenzene | 3 | < 1 | < 1 |
| Chlorobenzene | 5 | < 1 | **0.25** |
| Chloroform | 7 | < 1 | < 1 |
| Chloromethane | 5 | < 1 | **0.28** |
| cis-1,2-Dichloroethene | 5 | < 1 | < 1 |
| Dichlorodifluoromethane | 5 | < 1 | < 1 |
| Tetrachloroethene | 5 | < 1 | < 1 |
| trans-1,2-Dichloroethene | 5 | < 5 | < 5 |
| Trichloroethene | 5 | < 1 | < 1 |
| Vinyl Chloride | 2 | < 1 | < 1 |

| CVOC | NYSDEC AWQS | MW11 | | | | | | | | | | | | | | | | MW11R |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10/18/2013 | 3/26/2014 | 10/29/2014 | 6/3/2016 | 10/27/2016 | 11/30/2016 | 12/30/2016 | 6/29/2017 | 4/23/2018 | 1/10/2019 | 7/31/2019 | 1/31/2020 | 7/28/2020 | 1/18/2021 | 9/9/2021 | | 9/7/2022 |
| 1,1-Dichloroethene | 5 | **9.4** | **3.3** | < 20 | **0.74** | **6.1** | **4.5** | **4.9** | **3.1** | < 5 | **2.3** | **1.1** | < 4 | <10 | <20 | **0.72** | | **1.5** |
| 1,2-Dichlorobenzene | 3 | < 5 | < 1 | < 20 | < 1 | < 1 | < 4.7 | < 4.7 | < 4.7 | < 5 | < 5 | < 1 | < 4 | <10 | <20 | < 1 | | ND |
| Chlorobenzene | 5 | < 5 | < 5 | < 100 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 25 | < 5 | < 4 | <10 | <20 | < 1 | | ND |
| Chloroform | 7 | < 5 | < 5 | < 100 | < 5 | < 5 | < 7. | < 7. | < 7. | < 7. | < 25 | < 5 | < 4 | <10 | <20 | < 1 | | ND |
| Chloromethane | 5 | < 5 | < 5 | < 100 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 25 | < 5 | < 4 | <10 | <20 | < 1 | | ND |
| cis-1,2-Dichloroethene | 5 | **2,500** | **880** | **690** | **270** | **2,200** | **2,500** | **2,500** | **1,700** | **1,000** | **850** | **330** | **776** | **782** | **1,350** | **174** | | **504** |
| Dichlorodifluoromethane | 5 | < 5 | < 1 | < 20 | < 1 | < 1 | < 5 | < 5 | < 5 | < 5 | < 5 | **1.2** | < 8 | <20 | <20 | < 2 | | ND |
| Tetrachloroethene | 5 | **4,300** | **15,000** | **4,400** | **1,400** | **13** | **5.4** | **82** | **6,100** | **7,000** | **660** | **1,500** | **1,460** | **3,100** | **3,750** | **342** | | **243** |
| trans-1,2-Dichloroethene | 5 | **28** | **16** | **7.2** | **3.6** | **26** | **33** | **38** | **56** | **9.6** | **8.1** | **3.7** | **6.9** | **9.2** | **12.5** | **1.7** | | **2.5** |
| Trichloroethene | 5 | **2,700** | **1,500** | **770** | **280** | **10** | **3** | **23** | **1,600** | **1,000** | **210** | **350** | **331** | **840** | **823** | **78.7** | | **186** |
| Vinyl Chloride | 2 | **130** | **30** | **22** | **2.5** | **31** | **210** | **880** | **120** | **27** | **58** | **23** | **35.1** | **11.4** | **26.2** | **4.4** | | **41.6** |

**Table 3: Summary of Historic Results - Detected Chlorinated Volatile Organic Compounds in Groundwater**
**Former Darby Drugs – OUII (Off-Site)**
**Rockville Centre, New York**
**NYSDEC BCP Number: C130140A**

| | NYSDEC | MW12 | | | | | | | | | | | | | | | MW12R |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **CVOC** | **AWQS** | 10/18/2013 | 3/26/2014 | 10/29/2014 | 6/3/2016 | 10/27/2016 | 11/30/2016 | 12/30/2016 | 6/29/2017 | 4/23/2018 | 1/10/2019 | 7/31/2019 | 1/31/2020 | 7/28/2020 | 1/18/2021 | 9/9/2021 | 9/7/2022 |
| 1,1-Dichloroethene | 5 | < 2 | < 1 | < 5 | **0.49** | **1.7** | < 5 | **0.42** | < 1 | **0.97** | **2.3** | **0.8** | < 1 | **0.85** | < 1 | < 1 | 0.78 |
| 1,2-Dichlorobenzene | 3 | < 2 | < 1 | < 5 | < 1 | < 1 | < 4.7 | < 1 | < 1 | < 1 | < 5 | < 1 | < 1 | < 1 | < 1 | < 1 | ND |
| Chlorobenzene | 5 | < 2 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 25 | < 5 | < 1 | < 1 | < 1 | < 1 | ND |
| Chloroform | 7 | < 2 | < 5 | < 25 | < 5 | **0.81** | < 7. | < 5 | < 5 | **2.3** | **2** | **0.6** | < 1 | < 1 | < 1 | < 1 | ND |
| Chloromethane | 5 | < 2 | < 5 | < 25 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 25 | < 5 | < 1 | < 1 | < 1 | < 1 | ND |
| cis-1,2-Dichloroethene | 5 | **170** | **87** | **78** | **140** | **480** | **130** | **82** | **36** | **270** | **1,100** | **290** | **135** | **535** | **33.2** | **131** | **252** |
| Dichlorodifluoromethane | 5 | < 2 | < 1 | < 5 | < 1 | < 1 | < 5 | < 1 | < 1 | < 1 | < 5 | < 1 | < 2 | < 2 | < 2 | < 2 | ND |
| Tetrachloroethene | 5 | **450** | **340** | **190** | **120** | **2,300** | **1,400** | **270** | **110** | **1,300** | **1,200** | **430** | **152** | **66.8** | **14.9** | **164** | **28.3** |
| trans-1,2-Dichloroethene | 5 | < 2 | < 5 | < 25 | **2.1** | **4.5** | < 5 | **1.3** | **0.59** | **2.5** | **6.8** | **2.6** | **1** | **4.1** | < 1 | **1.2** | **2.3** |
| Trichloroethene | 5 | **45** | **35** | **26** | **44** | **260** | **98** | **53** | **18** | **270** | **510** | **110** | **45.7** | **30** | **6.4** | **61.9** | **16.8** |
| Vinyl Chloride | 2 | < 2 | **3.8** | **5.2** | **11** | **18** | **5.9** | **5.1** | **1.7** | **5.9** | **89** | **120** | 2 | **212** | < 1 | **5.2** | **80.8** |

| | NYSDEC | MW13 | | | | | | | | MW13R |
|---|---|---|---|---|---|---|---|---|---|---|
| **CVOC** | **AWQS** | 10/18/2013 | 3/26/2014 | 10/29/2014 | 7/31/2019 | 1/31/2020 | 7/28/2020 | 1/18/2021 | 9/9/2021 | 9/7/2022 |
| 1,1-Dichloroethene | 5 | ND | ND | ND | **0.5** | < 2 | <5 | **0.67** | | 1.0 |
| 1,2-Dichlorobenzene | 3 | ND | ND | ND | < 1 | < 2 | <5 | < 1 | | ND |
| Chlorobenzene | 5 | ND | ND | ND | < 5 | < 2 | <5 | < 1 | | ND |
| Chloroform | 7 | ND | ND | ND | **0.4** | < 2 | <5 | < 1 | | ND |
| Chloromethane | 5 | ND | ND | ND | < 5 | < 2 | <5 | < 1 | | ND |
| cis-1,2-Dichloroethene | 5 | **50** | **38** | **45** | **120** | **230** | **247** | **135** | | **247** |
| Dichlorodifluoromethane | 5 | ND | ND | ND | < 1 | < 4 | <10 | < 1 | | ND |
| Tetrachloroethene | 5 | **430** | **600** | **330** | **500** | **881** | **649** | **433** | | **502** |
| trans-1,2-Dichloroethene | 5 | ND | ND | ND | **0.74** | **1.2** | <5 | **0.91** | | **1.6** |
| Trichloroethene | 5 | **28** | **30** | **23** | **110** | **212** | **161** | **93.2** | | **125** |
| Vinyl Chloride | 2 | **1.2** | **1.6** | **4.3** | **6.3** | **1.9** | **5** | **5.5** | | **9.3** |

Could Not Locate

| | NYSDEC | MW14 | | | | | | | | MW14R |
|---|---|---|---|---|---|---|---|---|---|---|
| **CVOC** | **AWQS** | 10/18/2013 | 3/26/2014 | 10/29/2014 | 8/13/2019 | 1/31/2020 | 7/28/2020 | 1/18/2021 | 9/9/2021 | 9/7/2022 |
| 1,1-Dichloroethene | 5 | ND | ND | ND | **1.3** | **1.2** | < 1 | <5 | < 1 | ND |
| 1,2-Dichlorobenzene | 3 | ND | ND | ND | < 1 | < 1 | < 1 | <5 | < 1 | ND |
| Chlorobenzene | 5 | ND | ND | ND | < 1 | < 1 | < 1 | <5 | < 1 | ND |
| Chloroform | 7 | ND | ND | ND | < 1 | < 1 | < 1 | <5 | < 1 | **6.0** |
| Chloromethane | 5 | ND | ND | ND | **2.7** | < 1 | < 1 | <5 | < 1 | ND |
| cis-1,2-Dichloroethene | 5 | **45** | **40** | **1,300** | **170** | **382** | **5.9** | **1,150** | **9.2** | **1,780** |
| Dichlorodifluoromethane | 5 | ND | ND | ND | < 1 | < 2 | < 2 | <10 | < 2 | ND |
| Tetrachloroethene | 5 | **350** | **530** | **670** | **400** | **260** | **11.2** | **975** | **9.2** | **1,920** |
| trans-1,2-Dichloroethene | 5 | ND | ND | **6.6** | **1.4** | **1.6** | < 1 | <5 | < 1 | **13.8** |
| Trichloroethene | 5 | **30** | **29** | **350** | **250** | **213** | **3.1** | **698** | **3.2** | **437** |
| Vinyl Chloride | 2 | **1.1** | **1** | **70** | **6.7** | **12.7** | < 1 | **56.3** | < 1 | **79.3** |

**Notes:**
AWQS: Ambient Water Quality Standard or Guidance Value (TOGS 1.1.1).
Results and AWQS provided in micrograms per liter (ug/l).
CVOC - chlorinated volatile organic compound.
ND - not detected.
< - not detected relative to the indicated laboratory reporting limit (RL).
**Bold values indicate detections above the RL.**
**Result exceeds the AWQS/Guidance Value.**
Replacement wells (MW-#Rs) were installed in June 2022.
All OUII off-site wells were surveyed on 01/23/2023.

# Attachment 1

# Geologic Logs & Well Construction Details

# Geologic Log & Well Construction Details

## EnviroTrac Ltd.

**5 Old Dock Road, Yaphank, NY, 11980**

**Log of Replacement Monitoring Well - MW-1R**

| | | | | |
|---|---|---|---|---|
| Client: Darby Group Companies | | Depth to Water (ft. from measuring pt.) | | Site Elevation Datum |
| Site Name: Former Darby Drugs - OUII (Off-Site) | Address: Rockville Centre, NY 11570 | Date | DTW | |
| Drilling Company: Delta Well & Pump Co., Inc. | Method: Truck mounted Rig GeoProbe (4 1/4"augers) | | | Measuring Point Elevation |
| Date Started: 6/27/2022 | Date Completed: 6/27/2022 | | | NM |
| Completion Depth: 15' | EnviroTrac Scientist: Mike Alliegro | | | |

| WELL CONSTRUCTION (NTS) | DEPTH (ft below grade) | SAMPLES Recovery (ft.) | SAMPLES Blow per 6 in. | PID (ppm) | SOIL DESCRIPTION |
|---|---|---|---|---|---|
| MW-1R | 0 | NA | NM | 0.0<br>0.0 | 0-5' - precleared by hand.<br>0-4' = Backfill material. Moist. No odor.<br>4-5' = Brown to tan medium grained **SAND**, trace fine grained sand, trace gravel. Wet. No odor. |
| | 5 | NA | NM | 0.0 | 5-10'<br>Brown to tan medium grained **SAND**, trace fine grained sand, trace gravel. Wet. No odor. |
| | 10 | NA | NM | 0.0 | 10-15'<br>10-14.5' = Brown to tan medium grained **SAND**, trace fine grained sand, trace gravel. Wet. No odor.<br>14.5-15' = Grey fine grained **SILTY SAND**. Wet. No odor. |
| | 15 | | | | *Soil was logged from auger cuttings. |
| | 20 | | | | |

LEGEND:
- Concrete
- Bentonite Seal
- Gravel Pack (Morie #2)
- Screen Zone
- End/Top Cap

Well Construction Details:

| | |
|---|---|
| Bottom of Well: | 15' |
| Screen Zone: | 15-5' |
| Morie Sand: | 15-3' |
| Screen material: | 2" Sch 40 PVC 10 Slot |
| Casing material: | 2" Sch 40 PVC |
| Bentonite Seals: | 3-2' |
| Sand Pack: | Morie #2 |
| Concrete: | Flush Mount 8" bolt down manhole |

NTS - Not to Scale ND - Not Detected NM - Not Monitored DTW - Depth to Water NA - Not Applicable

EnviroTrac Environmental Services

# Geologic Log & Well Construction Details

## EnviroTrac Ltd.

**5 Old Dock Road, Yaphank, NY, 11980**

**Log of Replacement Monitoring Well - MW-2R**

| | | | | |
|---|---|---|---|---|
| Client: Darby Group Companies | | Depth to Water (ft. from measuring pt.) | | Site Elevation Datum |
| Site Name: | Address: | Date | DTW | |
| Former Darby Drugs - OUII (Off-Site) | Rockville Centre, NY 11570 | | | |
| Drilling Company: | Method: | | | Measuring Point Elevation |
| Delta Well & Pump Co., Inc. | Truck mounted Rig GeoProbe (4 1/4"augers) | | | |
| Date Started: | Date Completed: | | | NM |
| 6/27/2022 | 6/27/2022 | | | |
| Completion Depth: | EnviroTrac Scientist: | | | |
| 15' | Mike Alliegro | | | |

| WELL CONSTRUCTION (NTS) | DEPTH (ft below grade) | SAMPLES Recovery (ft.) | SAMPLES Blow per 6 in. | SAMPLES PID (ppm) | SOIL DESCRIPTION |
|---|---|---|---|---|---|
| MW-2R | 0 | NA | NM | 0.0<br>0.0 | 0-5' - precleared by hand.<br>0-4' = Backfill material. Moist. No odor.<br>4-5' = Brown to tan medium grained **SAND**, trace fine grained sand, trace gravel. Wet. No odor. |
| | 5 | NA | NM | 0.0 | 5-10'<br>Brown to tan medium grained **SAND**, trace fine grained sand, trace gravel. Wet. No odor. |
| | 10 | NA | NM | 0.0 | 10-15'<br>Brown to tan medium grained **SAND**, trace fine grained sand, trace gravel. Wet. No odor. |
| | 15 | | | | *Soil was logged from auger cuttings. |
| | 20 | | | | |

LEGEND:
- Concrete
- Bentonite Seal
- Gravel Pack (Morie #2)
- Screen Zone
- End/Top Cap

Well Construction Details:

| | |
|---|---|
| Bottom of Well: | 15' |
| Screen Zone: | 15-5' |
| Morie Sand: | 15-3' |
| Screen material: | 2" Sch 40 PVC 10 Slot |
| Casing material: | 2" Sch 40 PVC |
| Bentonite Seals: | 3-2' |
| Sand Pack: | Morie #2 |
| Concrete: | Flush Mount 8" bolt down manhole |

NTS - Not to Scale ND - Not Detected NM - Not Monitored DTW - Depth to Water NA - Not Applicable

EnviroTrac Environmental Services

# Geologic Log & Well Construction Details

## EnviroTrac Ltd.

**5 Old Dock Road, Yaphank, NY, 11980**

**Log of Replacement Monitoring Well - MW-11R**

| | | | | |
|---|---|---|---|---|
| Client: Darby Group Companies | | Depth to Water (ft. from measuring pt.) | | Site Elevation Datum |
| Site Name: Former Darby Drugs - OUII (Off-Site) | Address: Rockville Centre, NY 11570 | Date | DTW | |
| Drilling Company: Delta Well & Pump Co., Inc. | Method: Truck mounted Rig GeoProbe (4 1/4"augers) | | | Measuring Point Elevation |
| Date Started: 6/28/2022 | Date Completed: 6/28/2022 | | | NM |
| Completion Depth: 15' | EnviroTrac Scientist: Dylan Moscarella | | | |

| WELL CONSTRUCTION (NTS) | DEPTH (ft below grade) | SAMPLES Recovery (ft.) | SAMPLES Blow per 6 in. | SAMPLES PID (ppm) | SOIL DESCRIPTION |
|---|---|---|---|---|---|
| MW-11R | 0 | NA | NM | 0.0 | 0-5' - precleared by hand.<br>0-1' = Top soil. |
| | | | | 0.0 | 2-7' = Dark brown medium to fine grained **SAND**, with gravel. Dry. No odor. |
| | 5 | NA | NM | 0.0 | 7-10'<br>Light brown fine grained **SAND**.<br>Wet. No odor. |
| | 10 | NA | NM | 0.0 | 10-15'<br>Light brown to grey fine grained **SAND**.<br>Wet. No odor. |
| | 15 | | | | *Soil was logged from auger cuttings. |
| | 20 | | | | |

LEGEND:
- Concrete
- Bentonite Seal
- Gravel Pack (Morie #2)
- Screen Zone
- End/Top Cap

Well Construction Details:

| | |
|---|---|
| Bottom of Well: | 15' |
| Screen Zone: | 15-5' |
| Morie Sand: | 15-3' |
| Screen material: | 2" Sch 40 PVC 10 Slot |
| Casing material: | 2" Sch 40 PVC |
| Bentonite Seals: | 3-2' |
| Sand Pack: | Morie #2 |
| Concrete: | Flush Mount 8" bolt down manhole |

NTS - Not to Scale ND - Not Detected NM - Not Monitored DTW - Depth to Water NA - Not Applicable

EnviroTrac Environmental Services

# Geologic Log & Well Construction Details

## EnviroTrac Ltd.

**5 Old Dock Road, Yaphank, NY, 11980**

**Log of Replacement Monitoring Well - MW-12R**

| | | | | |
|---|---|---|---|---|
| Client: Darby Group Companies | | Depth to Water (ft. from measuring pt.) | | Site Elevation Datum |
| Site Name: Former Darby Drugs - OUII (Off-Site) | Address: Rockville Centre, NY 11570 | Date | DTW | |
| Drilling Company: Delta Well & Pump Co., Inc. | Method: Truck mounted Rig GeoProbe (4 1/4"augers) | | | Measuring Point Elevation |
| Date Started: 6/27/2022 | Date Completed: 6/27/2022 | | | NM |
| Completion Depth: 15' | EnviroTrac Scientist: Mike Alliegro | | | |

| WELL CONSTRUCTION (NTS) | DEPTH (ft below grade) | SAMPLES Recovery (ft.) | SAMPLES Blow per 6 in. | SAMPLES PID (ppm) | SOIL DESCRIPTION |
|---|---|---|---|---|---|
| MW-12R | 0 | NA | NM | 0.0 | 0-5' - precleared by hand. |
| | | | | 0.0 | 0-4' = Backfill material/gravel. Moist. No odor. |
| | | | | | 4-5' = Brown to tan medium grained **SAND**, trace fine grained sand, trace gravel. Wet. No odor. |
| | 5 | NA | NM | 0.0 | 5-10' |
| | | | | | Brown to tan medium grained **SAND**, trace fine grained sand, trace gravel. Wet. No odor. |
| | 10 | NA | NM | 0.0 | 10-15' |
| | | | | | Grey to brown fine grained **SILTY SAND**, trace medium grained sand, some gravel. Wet. Slight petroleum-like odor. |
| | 15 | | | | *Soil was logged from auger cuttings. |
| | 20 | | | | |

LEGEND:
- Concrete
- Bentonite Seal
- Gravel Pack (Morie #2)
- Screen Zone
- End/Top Cap

Well Construction Details:

| | |
|---|---|
| Bottom of Well: | 15' |
| Screen Zone: | 15-5' |
| Morie Sand: | 15-3' |
| Screen material: | 2" Sch 40 PVC 10 Slot |
| Casing material: | 2" Sch 40 PVC |
| Bentonite Seals: | 3-2' |
| Sand Pack: | Morie #2 |
| Concrete: | Flush Mount 8" bolt down manhole |

NTS - Not to Scale ND - Not Detected NM - Not Monitored DTW - Depth to Water NA - Not Applicable

EnviroTrac Environmental Services

# Geologic Log & Well Construction Details

## EnviroTrac Ltd.

**5 Old Dock Road, Yaphank, NY, 11980**

**Log of Replacement Monitoring Well - MW-13R**

| | | | | |
|---|---|---|---|---|
| Client: Darby Group Companies | | Depth to Water (ft. from measuring pt.) | | Site Elevation Datum |
| Site Name: Former Darby Drugs - OUII (Off-Site) | Address: Rockville Centre, NY 11570 | Date | DTW | |
| Drilling Company: Delta Well & Pump Co., Inc. | Method: Truck mounted Rig GeoProbe (4 1/4"augers) | | | Measuring Point Elevation |
| Date Started: 6/27/2022 | Date Completed: 6/27/2022 | | | NM |
| Completion Depth: 15' | EnviroTrac Scientist: Mike Alliegro | | | |

| WELL CONSTRUCTION (NTS) | DEPTH (ft below grade) | SAMPLES Recovery (ft.) | Blow per 6 in. | PID (ppm) | SOIL DESCRIPTION |
|---|---|---|---|---|---|
| MW-13R | 0 | NA | NM | 0.0<br>0.0 | 0-5' - precleared by hand.<br>0-4' = Backfill material.<br>4-5' = Brown to tan medium grained **SAND**, trace fine grained sand, trace gravel.<br>Wet. No odor. |
| | 5 | NA | NM | 0.0 | 5-10'<br>Brown to tan medium grained **SAND**, trace fine grained sand, trace gravel.<br>Wet. No odor. |
| | 10 | NA | NM | 0.0 | 10-15'<br>10-12' = Brown to tan medium grained **SAND**, trace fine grained sand, trace gravel.<br>12-15' = Grey fine grained **SILTY SAND**.<br>Wet. No odor. |
| | 15 | | | | *Soil was logged from auger cuttings. |
| | 20 | | | | |

LEGEND:
- Concrete
- Bentonite Seal
- Gravel Pack (Morie #2)
- Screen Zone
- End/Top Cap

Well Construction Details:

| | |
|---|---|
| Bottom of Well: | 15' |
| Screen Zone: | 15-5' |
| Morie Sand: | 15-3' |
| Screen material: | 2" Sch 40 PVC 10 Slot |
| Casing material: | 2" Sch 40 PVC |
| Bentonite Seals: | 3-2' |
| Sand Pack: | Morie #2 |
| Concrete: | Flush Mount 8" bolt down manhole |

NTS - Not to Scale ND - Not Detected NM - Not Monitored DTW - Depth to Water NA - Not Applicable

EnviroTrac Environmental Services

# Geologic Log & Well Construction Details

## EnviroTrac Ltd.

**5 Old Dock Road, Yaphank, NY, 11980**

**Log of Replacement Monitoring Well - MW-14R**

| | | | | |
|---|---|---|---|---|
| Client: Darby Group Companies | | Depth to Water (ft. from measuring pt.) | | Site Elevation Datum |
| Site Name: Former Darby Drugs - OUII (Off-Site) | Address: Rockville Centre, NY 11570 | Date | DTW | |
| Drilling Company: Delta Well & Pump Co., Inc. | Method: Truck mounted Rig GeoProbe (4 1/4"augers) | | | Measuring Point Elevation |
| Date Started: 6/28/2022 | Date Completed: 6/28/2022 | | | NM |
| Completion Depth: 15' | EnviroTrac Scientist: Dylan Moscarella | | | |

| WELL CONSTRUCTION (NTS) | DEPTH (ft below grade) | SAMPLES Recovery (ft.) | Blow per 6 in. | PID (ppm) | SOIL DESCRIPTION |
|---|---|---|---|---|---|
| MW-14R | 0 | NA | NM | 0.0 | 0-5' - precleared by hand.<br>0-4' = Backfill material. |
| | | | | 0.0 | 4-7' = Light brown coarse to medium grained **SAND**, with gravel. Moist. No odor. |
| | 5 | NA | NM | 0.0 | 7-10'<br>Light brown coarse to medium grained **SAND**, with gravel.<br>Wet. No odor. |
| | 10 | NA | NM | 0.0 | 10-13'<br>Brown fine grained **SAND**.<br>Wet. No odor. |
| | 15 | NA | NM | 0.0 | 13-15'<br>Grey **CLAY**.<br>Wet. No odor. |
| | 20 | | | | *Soil was logged from auger cuttings. |

LEGEND:
- Concrete
- Bentonite Seal
- Gravel Pack (Morie #2)
- Screen Zone
- End/Top Cap

Well Construction Details:

| | |
|---|---|
| Bottom of Well: | 15' |
| Screen Zone: | 15-5' |
| Morie Sand: | 15-3' |
| Screen material: | 2" Sch 40 PVC 10 Slot |
| Casing material: | 2" Sch 40 PVC |
| Bentonite Seals: | 3-2' |
| Sand Pack: | Morie #2 |
| Concrete: | Flush Mount 8" bolt down manhole |

NTS - Not to Scale ND - Not Detected NM - Not Monitored DTW - Depth to Water NA - Not Applicable

EnviroTrac Environmental Services

# Attachment 2

# Data Usability Summary Report

EnviroTrac

ENVIRONMENTAL
Data Services, Inc.

# DATA USABILITY SUMMARY REPORT
# DARBY DRUG COMPANY, INC., ROCKVILLE CENTRE, NEW YORK

Client: EnviroTrac Ltd., Yaphank, New York
SDG: JD51402
Laboratory: SGS North America, Dayton, New Jersey
Site: Darby Drug Company, Inc., Rockville Centre, New York
Date: September 29, 2022

| EDS ID | Client Sample ID | Laboratory Sample ID | Matrix |
|---|---|---|---|
| 1 | MW4-20220906 | JD51402-1 | Water |
| 2 | MW6-20220906 | JD51402-2 | Water |
| 3 | MW7-20220906 | JD51402-3 | Water |
| 4 | MW8-20220906 | JD51402-4 | Water |
| 5 | MW9-20220906 | JD51402-5 | Water |
| 6 | TRIP BLANK 2022-07-21 | JD51402-6 | Water |
| 7 | MW1R-20220907 | JD51402-7 | Water |
| 8 | MW2R-20220907 | JD51402-8 | Water |
| 8MS | MW2R-20220907MS | JD51402-8MS | Water |
| 8MSD | MW2R-20220907MSD | JD51402-8MSD | Water |
| 9 | DUP-20220907 | JD51402-9 | Water |
| 10 | MW11R-20220907 | JD51402-10 | Water |
| 11 | MW12R-20220907 | JD51402-11 | Water |
| 12 | MW13R-20220907 | JD51402-12 | Water |
| 13 | MW14R-20220907 | JD51402-13 | Water |
| 13MS | MW14R-20220907MS | JD51402-13MS | Water |
| 13MSD | MW14R-20220907MSD | JD51402-13MSD | Water |
| 14 | TB-20220721 | JD51402-14 | Water |

A Data Usability Summary Review was performed on the analytical data for twelve water samples and two aqueous trip blank samples collected on September 6-7, 2022 by EnviroTrac at the Darby Drug Company, Inc. site in Rockville Centre, New York. The samples were analyzed under the "Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".

Specific method references are as follows:

| *Analysis* | *Method References* |
|---|---|
| VOCs | USEPA SW-846 Method 8260D |

The data have been validated according to the protocols and quality control (QC) requirements of the analytical method and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-33A, Revision 1, September 2016: Low/Medium Volatile Data Validation;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

***Organics***

- Holding times and sample preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tuning
- Initial and continuing calibration summaries
- Method blank and field blank contamination
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD) recoveries
- Internal standard area and retention time summary forms
- Target Compound Identification
- Compound Quantitation
- Tentatively Identified Compounds (TICs)
- Field Duplicate sample precision

## Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the data quality indicator criteria as detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

## Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

## Volatile Organic Compounds (VOCs)

### Holding Times

- All samples were analyzed within 14 days for preserved water samples.

### Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

### Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

| MS/MSD Sample ID | Compound | MS %R/MSD %R/RPD | Qualifier |
|---|---|---|---|
| 8 | Bromochloromethane | OK/127%/OK | None - Sample ND |
| 13 | cis-1,2-Dichloroethene | 14%/34%/OK | J |
| | Tetrachloroethene | -28%/-6%/OK | J |

### Laboratory Control Samples (LCS)

- The following table presents LCS samples that exhibited percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

| LCS Sample | Compound | LCS %R | Qualifier | Affected Samples |
|---|---|---|---|---|
| VL10486-BS | Benzene | 116% | None | All Samples ND |
| | Bromochloromethane | 135% | None | |
| | Chloromethane | 155% | None | |
| | 1,1-Dichloroethane | 127% | None | |
| | 1,1-Dichloroethene | 131% | None | |
| | cis-1,2-Dichloroethene | 122% | None | |
| | trans-1,2-Dichloroethene | 129% | None | |
| | 1,2-Dichloropropane | 123% | None | |
| | Freon 113 | 141% | None | |
| | Trichloroethene | 119% | None | |

## Method Blank

- The following table lists method blank samples with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations of acetone, 2-butanone and methylene chloride (common laboratory contaminants) less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds, an action level of five times (5x) the highest associated blank concentration is used.

| Blank ID | Compound | Conc. ug/L | Qualifier | Affected Samples |
|---|---|---|---|---|
| VL10486-MB | Chloroform | 2.7 | U | 13 |
| | 1,2,3-Trichlorobenzene | 0.52 | None | All Samples ND |

## Field Blank

- Field QC results are summarized below.

| Blank ID | Compound | Conc. ug/L | Qualifier | Affected Samples |
|---|---|---|---|---|
| TRIP BLANK 2022-07-21 | None - ND | - | - | - |
| TB-20220721 | None - ND | - | - | - |

## GC/MS Tuning

- All criteria were met.

## Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

## Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

| CCAL Date | Compound | %D/RRF | Qualifier | Affected Samples |
|---|---|---|---|---|
| 09/14/22 (0927) | Acetone | 52.3% | UJ | 7, 9, 11, 13 |
| 09/14/22 (0913) | Acetone | 71.4% | UJ | 10, 12 |

## Compound Quantitation

- Several samples were analyzed at various dilutions due to high concentrations of target compounds. The reporting limits were adjusted accordingly. No action was required.

## Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

## Tentatively Identified Compounds (TICs)

- TICs were not reported.

## Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

| Compound | MW2R-20220907 ug/L | DUP-20220907 ug/L | RPD | Qualifier |
|---|---|---|---|---|
| cis-1,2-Dichloroethene | 1.2 | 1.2 | 0% | None |
| Tetrachloroethene | 12.9 | 10.9 | 17% | |
| Trichloroethene | 1.3 | 1.2 | 8% | |

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 9/30/22

Nancy Weaver
Senior Chemist

| Data Qualifier | Definition |
|---|---|
| U | The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit. |
| J | The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample. |
| J+ | The result is an estimated quantity, but the result may be biased high. |
| J- | The result is an estimated quantity, but the result may be biased low. |
| NJ | The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples. |
| UJ | The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise. |
| R | The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples. |

# Report of Analysis



| | | | |
|---|---|---|---|
| Client Sample ID: | MW4-20220906 | | |
| Lab Sample ID: | JD51402-1 | Date Sampled: | 09/06/22 |
| Matrix: | AQ - Ground Water | Date Received: | 09/08/22 |
| Method: | SW846 8260D | Percent Solids: | n/a |
| Project: | Darby Drugs, 80 Banks Avenue, Rockville Centre, NY | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 | L346802.D | 1 | 09/10/22 22:32 | TS | n/a | n/a | VL10486 |
| Run #2 | | | | | | | |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone | ND | 10 | 3.1 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.43 | ug/l | |
| 74-97-5 | Bromochloromethane [a] | ND | 1.0 | 0.48 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.45 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.63 | ug/l | |
| 74-83-9 | Bromomethane | ND | 2.0 | 1.6 | ug/l | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 6.9 | ug/l | |
| 75-15-0 | Carbon disulfide | 0.61 | 2.0 | 0.46 | ug/l | J |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.55 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.56 | ug/l | |
| 75-00-3 | Chloroethane | ND | 1.0 | 0.73 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.50 | ug/l | |
| 74-87-3 | Chloromethane [a] | ND | 1.0 | 0.76 | ug/l | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.78 | ug/l | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 2.0 | 0.53 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.56 | ug/l | |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.0 | 0.48 | ug/l | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.0 | 0.53 | ug/l | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.0 | 0.54 | ug/l | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.0 | 0.51 | ug/l | |
| 75-71-8 | Dichlorodifluoromethane | ND | 2.0 | 0.56 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane [a] | ND | 1.0 | 0.57 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.60 | ug/l | |
| 75-35-4 | 1,1-Dichloroethene [a] | ND | 1.0 | 0.59 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethene [a] | ND | 1.0 | 0.51 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethene [a] | ND | 1.0 | 0.54 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane [a] | ND | 1.0 | 0.51 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.47 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.43 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.60 | ug/l | |
| 76-13-1 | Freon 113 [a] | ND | 5.0 | 0.58 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 2.0 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 9/29/22

# Report of Analysis



| | | | |
|---|---|---|---|
| Client Sample ID: | MW4-20220906 | | |
| Lab Sample ID: | JD51402-1 | Date Sampled: | 09/06/22 |
| Matrix: | AQ - Ground Water | Date Received: | 09/08/22 |
| Method: | SW846 8260D | Percent Solids: | n/a |
| Project: | Darby Drugs, 80 Banks Avenue, Rockville Centre, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 98-82-8 | Isopropylbenzene | ND | 1.0 | 0.65 | ug/l | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 0.80 | ug/l | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.60 | ug/l | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.0 | 0.51 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.9 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 2.0 | 1.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.49 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.65 | ug/l | |
| 127-18-4 | Tetrachloroethene | ND | 1.0 | 0.90 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.53 | ug/l | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.0 | 0.50 | ug/l | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.0 | 0.50 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.54 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.53 | ug/l | |
| 79-01-6 | Trichloroethene | ND | 1.0 | 0.53 | ug/l | |
| 75-69-4 | Trichlorofluoromethane | ND | 2.0 | 0.40 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.79 | ug/l | |
| | m,p-Xylene | ND | 1.0 | 0.78 | ug/l | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.59 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.59 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 1868-53-7 | Dibromofluoromethane | 106% | | 80-120% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 92% | | 80-120% |
| 2037-26-5 | Toluene-D8 | 98% | | 80-120% |
| 460-00-4 | 4-Bromofluorobenzene | 92% | | 82-114% |

(a) This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 9/29/22

2

# Report of Analysis



4.2.4

| | | | |
|---|---|---|---|
| Client Sample ID: | MW6-20220906 | | |
| Lab Sample ID: | JD51402-2 | Date Sampled: | 09/06/22 |
| Matrix: | AQ - Ground Water | Date Received: | 09/08/22 |
| Method: | SW846 8260D | Percent Solids: | n/a |
| Project: | Darby Drugs, 80 Banks Avenue, Rockville Centre, NY | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 | L346803.D | 1 | 09/10/22 22:55 | TS | n/a | n/a | VL10486 |
| Run #2 | | | | | | | |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone | ND | 10 | 3.1 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.43 | ug/l | |
| 74-97-5 | Bromochloromethane [a] | ND | 1.0 | 0.48 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.45 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.63 | ug/l | |
| 74-83-9 | Bromomethane | ND | 2.0 | 1.6 | ug/l | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 6.9 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.46 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.55 | ug/l | |
| 108-90-7 | Chlorobenzene | 0.97 | 1.0 | 0.56 | ug/l | J |
| 75-00-3 | Chloroethane | ND | 1.0 | 0.73 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.50 | ug/l | |
| 74-87-3 | Chloromethane [a] | ND | 1.0 | 0.76 | ug/l | |
| 110-82-7 | Cyclohexane | 1.4 | 5.0 | 0.78 | ug/l | J |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 2.0 | 0.53 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.56 | ug/l | |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.0 | 0.48 | ug/l | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.0 | 0.53 | ug/l | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.0 | 0.54 | ug/l | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.0 | 0.51 | ug/l | |
| 75-71-8 | Dichlorodifluoromethane | ND | 2.0 | 0.56 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane [a] | ND | 1.0 | 0.57 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.60 | ug/l | |
| 75-35-4 | 1,1-Dichloroethene [a] | ND | 1.0 | 0.59 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethene [a] | ND | 1.0 | 0.51 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethene [a] | ND | 1.0 | 0.54 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane [a] | ND | 1.0 | 0.51 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.47 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.43 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.60 | ug/l | |
| 76-13-1 | Freon 113 [a] | ND | 5.0 | 0.58 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 2.0 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 9/29/22

2

# Report of Analysis



4.2.4

| | | | |
|---|---|---|---|
| Client Sample ID: | MW6-20220906 | | |
| Lab Sample ID: | JD51402-2 | Date Sampled: | 09/06/22 |
| Matrix: | AQ - Ground Water | Date Received: | 09/08/22 |
| Method: | SW846 8260D | Percent Solids: | n/a |
| Project: | Darby Drugs, 80 Banks Avenue, Rockville Centre, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 98-82-8 | Isopropylbenzene | 0.69 | 1.0 | 0.65 | ug/l | J |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 0.80 | ug/l | |
| 108-87-2 | Methylcyclohexane | 0.78 | 5.0 | 0.60 | ug/l | J |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.0 | 0.51 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.9 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 2.0 | 1.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.49 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.65 | ug/l | |
| 127-18-4 | Tetrachloroethene | ND | 1.0 | 0.90 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.53 | ug/l | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.0 | 0.50 | ug/l | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.0 | 0.50 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.54 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.53 | ug/l | |
| 79-01-6 | Trichloroethene | ND | 1.0 | 0.53 | ug/l | |
| 75-69-4 | Trichlorofluoromethane | ND | 2.0 | 0.40 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.79 | ug/l | |
| | m,p-Xylene | ND | 1.0 | 0.78 | ug/l | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.59 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.59 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 1868-53-7 | Dibromofluoromethane | 109% | | 80-120% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 95% | | 80-120% |
| 2037-26-5 | Toluene-D8 | 97% | | 80-120% |
| 460-00-4 | 4-Bromofluorobenzene | 91% | | 82-114% |

(a) This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 9/29/22

# Report of Analysis



4.3
4

| | | | |
|---|---|---|---|
| Client Sample ID: | MW7-20220906 | | |
| Lab Sample ID: | JD51402-3 | Date Sampled: | 09/06/22 |
| Matrix: | AQ - Ground Water | Date Received: | 09/08/22 |
| Method: | SW846 8260D | Percent Solids: | n/a |
| Project: | Darby Drugs, 80 Banks Avenue, Rockville Centre, NY | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 | L346804.D | 1 | 09/10/22 23:18 | TS | n/a | n/a | VL10486 |
| Run #2 | | | | | | | |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone | ND | 10 | 3.1 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.43 | ug/l | |
| 74-97-5 | Bromochloromethane [a] | ND | 1.0 | 0.48 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.45 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.63 | ug/l | |
| 74-83-9 | Bromomethane | ND | 2.0 | 1.6 | ug/l | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 6.9 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.46 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.55 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.56 | ug/l | |
| 75-00-3 | Chloroethane | ND | 1.0 | 0.73 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.50 | ug/l | |
| 74-87-3 | Chloromethane [a] | ND | 1.0 | 0.76 | ug/l | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.78 | ug/l | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 2.0 | 0.53 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.56 | ug/l | |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.0 | 0.48 | ug/l | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.0 | 0.53 | ug/l | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.0 | 0.54 | ug/l | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.0 | 0.51 | ug/l | |
| 75-71-8 | Dichlorodifluoromethane | ND | 2.0 | 0.56 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane [a] | ND | 1.0 | 0.57 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.60 | ug/l | |
| 75-35-4 | 1,1-Dichloroethene [a] | ND | 1.0 | 0.59 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethene [a] | ND | 1.0 | 0.51 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethene [a] | ND | 1.0 | 0.54 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane [a] | ND | 1.0 | 0.51 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.47 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.43 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.60 | ug/l | |
| 76-13-1 | Freon 113 [a] | ND | 5.0 | 0.58 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 2.0 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 9/29/22

# Report of Analysis



| | | | |
|---|---|---|---|
| Client Sample ID: | MW7-20220906 | | |
| Lab Sample ID: | JD51402-3 | Date Sampled: | 09/06/22 |
| Matrix: | AQ - Ground Water | Date Received: | 09/08/22 |
| Method: | SW846 8260D | Percent Solids: | n/a |
| Project: | Darby Drugs, 80 Banks Avenue, Rockville Centre, NY | | |

4.3
4

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 98-82-8 | Isopropylbenzene | 2.0 | 1.0 | 0.65 | ug/l | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 0.80 | ug/l | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.60 | ug/l | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.0 | 0.51 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.9 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 2.0 | 1.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.49 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.65 | ug/l | |
| 127-18-4 | Tetrachloroethene | ND | 1.0 | 0.90 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.53 | ug/l | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.0 | 0.50 | ug/l | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.0 | 0.50 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.54 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.53 | ug/l | |
| 79-01-6 | Trichloroethene | ND | 1.0 | 0.53 | ug/l | |
| 75-69-4 | Trichlorofluoromethane | ND | 2.0 | 0.40 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.79 | ug/l | |
| | m,p-Xylene | ND | 1.0 | 0.78 | ug/l | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.59 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.59 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 1868-53-7 | Dibromofluoromethane | 103% | | 80-120% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 93% | | 80-120% |
| 2037-26-5 | Toluene-D8 | 97% | | 80-120% |
| 460-00-4 | 4-Bromofluorobenzene | 92% | | 82-114% |

(a) This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 9/29/22

# Report of Analysis



4.4
4

| | | | |
|---|---|---|---|
| Client Sample ID: | MW8-20220906 | | |
| Lab Sample ID: | JD51402-4 | Date Sampled: | 09/06/22 |
| Matrix: | AQ - Ground Water | Date Received: | 09/08/22 |
| Method: | SW846 8260D | Percent Solids: | n/a |
| Project: | Darby Drugs, 80 Banks Avenue, Rockville Centre, NY | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 | L346805.D | 1 | 09/10/22 23:41 | TS | n/a | n/a | VL10486 |
| Run #2 | | | | | | | |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone | ND | 10 | 3.1 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.43 | ug/l | |
| 74-97-5 | Bromochloromethane [a] | ND | 1.0 | 0.48 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.45 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.63 | ug/l | |
| 74-83-9 | Bromomethane | ND | 2.0 | 1.6 | ug/l | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 6.9 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.46 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.55 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.56 | ug/l | |
| 75-00-3 | Chloroethane | ND | 1.0 | 0.73 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.50 | ug/l | |
| 74-87-3 | Chloromethane [a] | ND | 1.0 | 0.76 | ug/l | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.78 | ug/l | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 2.0 | 0.53 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.56 | ug/l | |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.0 | 0.48 | ug/l | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.0 | 0.53 | ug/l | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.0 | 0.54 | ug/l | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.0 | 0.51 | ug/l | |
| 75-71-8 | Dichlorodifluoromethane | ND | 2.0 | 0.56 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane [a] | ND | 1.0 | 0.57 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.60 | ug/l | |
| 75-35-4 | 1,1-Dichloroethene [a] | ND | 1.0 | 0.59 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethene [a] | ND | 1.0 | 0.51 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethene [a] | ND | 1.0 | 0.54 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane [a] | ND | 1.0 | 0.51 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.47 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.43 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.60 | ug/l | |
| 76-13-1 | Freon 113 [a] | ND | 5.0 | 0.58 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 2.0 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 9/29/22

# Report of Analysis



| | | | |
|---|---|---|---|
| Client Sample ID: | MW8-20220906 | | |
| Lab Sample ID: | JD51402-4 | Date Sampled: | 09/06/22 |
| Matrix: | AQ - Ground Water | Date Received: | 09/08/22 |
| Method: | SW846 8260D | Percent Solids: | n/a |
| Project: | Darby Drugs, 80 Banks Avenue, Rockville Centre, NY | | |

4.4 4

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 98-82-8 | Isopropylbenzene | ND | 1.0 | 0.65 | ug/l | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 0.80 | ug/l | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.60 | ug/l | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.0 | 0.51 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.9 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 2.0 | 1.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.49 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.65 | ug/l | |
| 127-18-4 | Tetrachloroethene | ND | 1.0 | 0.90 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.53 | ug/l | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.0 | 0.50 | ug/l | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.0 | 0.50 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.54 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.53 | ug/l | |
| 79-01-6 | Trichloroethene | ND | 1.0 | 0.53 | ug/l | |
| 75-69-4 | Trichlorofluoromethane | ND | 2.0 | 0.40 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.79 | ug/l | |
| | m,p-Xylene | ND | 1.0 | 0.78 | ug/l | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.59 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.59 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 1868-53-7 | Dibromofluoromethane | 105% | | 80-120% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 94% | | 80-120% |
| 2037-26-5 | Toluene-D8 | 98% | | 80-120% |
| 460-00-4 | 4-Bromofluorobenzene | 90% | | 82-114% |

(a) This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 9/29/22

5

# Report of Analysis



4.5 4

| | | | |
|---|---|---|---|
| Client Sample ID: | MW9-20220906 | | |
| Lab Sample ID: | JD51402-5 | Date Sampled: | 09/06/22 |
| Matrix: | AQ - Ground Water | Date Received: | 09/08/22 |
| Method: | SW846 8260D | Percent Solids: | n/a |
| Project: | Darby Drugs, 80 Banks Avenue, Rockville Centre, NY | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 | L346806.D | 1 | 09/11/22 00:04 | TS | n/a | n/a | VL10486 |
| Run #2 | | | | | | | |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone | 4.4 | 10 | 3.1 | ug/l | J |
| 71-43-2 | Benzene | 15.6 | 0.50 | 0.43 | ug/l | |
| 74-97-5 | Bromochloromethane [a] | ND | 1.0 | 0.48 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.45 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.63 | ug/l | |
| 74-83-9 | Bromomethane | ND | 2.0 | 1.6 | ug/l | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 6.9 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.46 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.55 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.56 | ug/l | |
| 75-00-3 | Chloroethane | ND | 1.0 | 0.73 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.50 | ug/l | |
| 74-87-3 | Chloromethane [a] | ND | 1.0 | 0.76 | ug/l | |
| 110-82-7 | Cyclohexane | 63.3 | 5.0 | 0.78 | ug/l | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 2.0 | 0.53 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.56 | ug/l | |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.0 | 0.48 | ug/l | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.0 | 0.53 | ug/l | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.0 | 0.54 | ug/l | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.0 | 0.51 | ug/l | |
| 75-71-8 | Dichlorodifluoromethane | ND | 2.0 | 0.56 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane [a] | ND | 1.0 | 0.57 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.60 | ug/l | |
| 75-35-4 | 1,1-Dichloroethene [a] | ND | 1.0 | 0.59 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethene [a] | ND | 1.0 | 0.51 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethene [a] | ND | 1.0 | 0.54 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane [a] | ND | 1.0 | 0.51 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.47 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.43 | ug/l | |
| 100-41-4 | Ethylbenzene | 2.1 | 1.0 | 0.60 | ug/l | |
| 76-13-1 | Freon 113 [a] | ND | 5.0 | 0.58 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 2.0 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 9/29/22

# Report of Analysis



| | | | |
|---|---|---|---|
| Client Sample ID: | MW9-20220906 | | |
| Lab Sample ID: | JD51402-5 | Date Sampled: | 09/06/22 |
| Matrix: | AQ - Ground Water | Date Received: | 09/08/22 |
| Method: | SW846 8260D | Percent Solids: | n/a |
| Project: | Darby Drugs, 80 Banks Avenue, Rockville Centre, NY | | |

4.5 4

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 98-82-8 | Isopropylbenzene | 17.7 | 1.0 | 0.65 | ug/l | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 0.80 | ug/l | |
| 108-87-2 | Methylcyclohexane | 45.8 | 5.0 | 0.60 | ug/l | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.0 | 0.51 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.9 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 2.0 | 1.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.49 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.65 | ug/l | |
| 127-18-4 | Tetrachloroethene | ND | 1.0 | 0.90 | ug/l | |
| 108-88-3 | Toluene | 3.0 | 1.0 | 0.53 | ug/l | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.0 | 0.50 | ug/l | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.0 | 0.50 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.54 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.53 | ug/l | |
| 79-01-6 | Trichloroethene | ND | 1.0 | 0.53 | ug/l | |
| 75-69-4 | Trichlorofluoromethane | ND | 2.0 | 0.40 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.79 | ug/l | |
| | m,p-Xylene | 2.2 | 1.0 | 0.78 | ug/l | |
| 95-47-6 | o-Xylene | 0.96 | 1.0 | 0.59 | ug/l | J |
| 1330-20-7 | Xylene (total) | 3.2 | 1.0 | 0.59 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 1868-53-7 | Dibromofluoromethane | 105% | | 80-120% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 91% | | 80-120% |
| 2037-26-5 | Toluene-D8 | 95% | | 80-120% |
| 460-00-4 | 4-Bromofluorobenzene | 91% | | 82-114% |

(a) This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 9/29/22

6

# Report of Analysis



4.6 4

| | | | |
|---|---|---|---|
| Client Sample ID: | TRIP BLANK 2022-07-21 | | |
| Lab Sample ID: | JD51402-6 | Date Sampled: | 09/07/22 |
| Matrix: | AQ - Trip Blank Water | Date Received: | 09/08/22 |
| Method: | SW846 8260D | Percent Solids: | n/a |
| Project: | Darby Drugs, 80 Banks Avenue, Rockville Centre, NY | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 | L346795.D | 1 | 09/10/22 19:49 | TS | n/a | n/a | VL10486 |
| Run #2 | | | | | | | |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone | ND | 10 | 3.1 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.43 | ug/l | |
| 74-97-5 | Bromochloromethane [a] | ND | 1.0 | 0.48 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.45 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.63 | ug/l | |
| 74-83-9 | Bromomethane | ND | 2.0 | 1.6 | ug/l | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 6.9 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.46 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.55 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.56 | ug/l | |
| 75-00-3 | Chloroethane | ND | 1.0 | 0.73 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.50 | ug/l | |
| 74-87-3 | Chloromethane [a] | ND | 1.0 | 0.76 | ug/l | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.78 | ug/l | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 2.0 | 0.53 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.56 | ug/l | |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.0 | 0.48 | ug/l | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.0 | 0.53 | ug/l | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.0 | 0.54 | ug/l | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.0 | 0.51 | ug/l | |
| 75-71-8 | Dichlorodifluoromethane | ND | 2.0 | 0.56 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane [a] | ND | 1.0 | 0.57 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.60 | ug/l | |
| 75-35-4 | 1,1-Dichloroethene [a] | ND | 1.0 | 0.59 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethene [a] | ND | 1.0 | 0.51 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethene [a] | ND | 1.0 | 0.54 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane [a] | ND | 1.0 | 0.51 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.47 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.43 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.60 | ug/l | |
| 76-13-1 | Freon 113 [a] | ND | 5.0 | 0.58 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 2.0 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MH 9/29/22

# Report of Analysis

| | | | |
|---|---|---|---|
| Client Sample ID: | TRIP BLANK 2022-07-21 | | |
| Lab Sample ID: | JD51402-6 | Date Sampled: | 09/07/22 |
| Matrix: | AQ - Trip Blank Water | Date Received: | 09/08/22 |
| Method: | SW846 8260D | Percent Solids: | n/a |
| Project: | Darby Drugs, 80 Banks Avenue, Rockville Centre, NY | | |

4.6
4

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 98-82-8 | Isopropylbenzene | ND | 1.0 | 0.65 | ug/l | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 0.80 | ug/l | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.60 | ug/l | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.0 | 0.51 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.9 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 2.0 | 1.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.49 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.65 | ug/l | |
| 127-18-4 | Tetrachloroethene | ND | 1.0 | 0.90 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.53 | ug/l | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.0 | 0.50 | ug/l | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.0 | 0.50 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.54 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.53 | ug/l | |
| 79-01-6 | Trichloroethene | ND | 1.0 | 0.53 | ug/l | |
| 75-69-4 | Trichlorofluoromethane | ND | 2.0 | 0.40 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.79 | ug/l | |
| | m,p-Xylene | ND | 1.0 | 0.78 | ug/l | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.59 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.59 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 1868-53-7 | Dibromofluoromethane | 102% | | 80-120% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 91% | | 80-120% |
| 2037-26-5 | Toluene-D8 | 98% | | 80-120% |
| 460-00-4 | 4-Bromofluorobenzene | 92% | | 82-114% |

(a) This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 9/29/22

7

# Report of Analysis



| | | | |
|---|---|---|---|
| Client Sample ID: | MW1R-20220907 | | |
| Lab Sample ID: | JD51402-7 | Date Sampled: | 09/07/22 |
| Matrix: | AQ - Ground Water | Date Received: | 09/08/22 |
| Method: | SW846 8260D | Percent Solids: | n/a |
| Project: | Darby Drugs, 80 Banks Avenue, Rockville Centre, NY | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 | 2U48185.D | 1 | 09/14/22 18:54 | ED | n/a | n/a | V2U1966 |
| Run #2 | | | | | | | |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone [a] | ND UJ | 10 | 3.1 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.43 | ug/l | |
| 74-97-5 | Bromochloromethane | ND | 1.0 | 0.48 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.45 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.63 | ug/l | |
| 74-83-9 | Bromomethane | ND | 2.0 | 1.6 | ug/l | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 6.9 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.46 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.55 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.56 | ug/l | |
| 75-00-3 | Chloroethane | ND | 1.0 | 0.73 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.50 | ug/l | |
| 74-87-3 | Chloromethane | ND | 1.0 | 0.76 | ug/l | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.78 | ug/l | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 2.0 | 0.53 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.56 | ug/l | |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.0 | 0.48 | ug/l | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.0 | 0.53 | ug/l | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.0 | 0.54 | ug/l | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.0 | 0.51 | ug/l | |
| 75-71-8 | Dichlorodifluoromethane | ND | 2.0 | 0.56 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.57 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.60 | ug/l | |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.0 | 0.59 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethene | 6.7 | 1.0 | 0.51 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.0 | 0.54 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.51 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.47 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.43 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.60 | ug/l | |
| 76-13-1 | Freon 113 [b] | ND | 5.0 | 0.58 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 2.0 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NJ 9/29/22

| | | | |
|---|---|---|---|
| Client Sample ID: | MW1R-20220907 | | |
| Lab Sample ID: | JD51402-7 | Date Sampled: | 09/07/22 |
| Matrix: | AQ - Ground Water | Date Received: | 09/08/22 |
| Method: | SW846 8260D | Percent Solids: | n/a |
| Project: | Darby Drugs, 80 Banks Avenue, Rockville Centre, NY | | |

4.7
4

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 98-82-8 | Isopropylbenzene | ND | 1.0 | 0.65 | ug/l | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 0.80 | ug/l | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.60 | ug/l | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.0 | 0.51 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.9 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 2.0 | 1.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.49 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.65 | ug/l | |
| 127-18-4 | Tetrachloroethene | 25.8 | 1.0 | 0.90 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.53 | ug/l | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.0 | 0.50 | ug/l | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.0 | 0.50 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.54 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.53 | ug/l | |
| 79-01-6 | Trichloroethene | 3.1 | 1.0 | 0.53 | ug/l | |
| 75-69-4 | Trichlorofluoromethane | ND | 2.0 | 0.40 | ug/l | |
| 75-01-4 | Vinyl chloride | 2.6 | 1.0 | 0.79 | ug/l | |
| | m,p-Xylene | ND | 1.0 | 0.78 | ug/l | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.59 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.59 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 1868-53-7 | Dibromofluoromethane | 101% | | 80-120% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 109% | | 80-120% |
| 2037-26-5 | Toluene-D8 | 104% | | 80-120% |
| 460-00-4 | 4-Bromofluorobenzene | 100% | | 82-114% |

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 9/29/22

8

# Report of Analysis



4.8

4

| | | | |
|---|---|---|---|
| Client Sample ID: | MW2R-20220907 | | |
| Lab Sample ID: | JD51402-8 | Date Sampled: | 09/07/22 |
| Matrix: | AQ - Ground Water | Date Received: | 09/08/22 |
| Method: | SW846 8260D | Percent Solids: | n/a |
| Project: | Darby Drugs, 80 Banks Avenue, Rockville Centre, NY | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 | L346797.D | 1 | 09/10/22 20:36 | TS | n/a | n/a | VL10486 |
| Run #2 | 1U48188.D | 1 | 09/14/22 19:39 | ED | n/a | n/a | V1U1966 |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | 5.0 ml |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone | ND | 10 | 3.1 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.43 | ug/l | |
| 74-97-5 | Bromochloromethane [a] | ND | 1.0 | 0.48 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.45 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.63 | ug/l | |
| 74-83-9 | Bromomethane | ND | 2.0 | 1.6 | ug/l | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 6.9 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.46 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.55 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.56 | ug/l | |
| 75-00-3 | Chloroethane | ND | 1.0 | 0.73 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.50 | ug/l | |
| 74-87-3 | Chloromethane [a] | ND | 1.0 | 0.76 | ug/l | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.78 | ug/l | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 2.0 | 0.53 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.56 | ug/l | |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.0 | 0.48 | ug/l | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.0 | 0.53 | ug/l | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.0 | 0.54 | ug/l | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.0 | 0.51 | ug/l | |
| 75-71-8 | Dichlorodifluoromethane | ND | 2.0 | 0.56 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane [a] | ND | 1.0 | 0.57 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.60 | ug/l | |
| 75-35-4 | 1,1-Dichloroethene [a] | ND | 1.0 | 0.59 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethene | 1.2 [b] | 1.0 | 0.51 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethene [a] | ND | 1.0 | 0.54 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane [a] | ND | 1.0 | 0.51 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.47 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.43 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.60 | ug/l | |
| 76-13-1 | Freon 113 [a] | ND | 5.0 | 0.58 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 2.0 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 9/29/22

# Report of Analysis



| | | | |
|---|---|---|---|
| Client Sample ID: | MW2R-20220907 | | |
| Lab Sample ID: | JD51402-8 | Date Sampled: | 09/07/22 |
| Matrix: | AQ - Ground Water | Date Received: | 09/08/22 |
| Method: | SW846 8260D | Percent Solids: | n/a |
| Project: | Darby Drugs, 80 Banks Avenue, Rockville Centre, NY | | |

4.8.4

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 98-82-8 | Isopropylbenzene | ND | 1.0 | 0.65 | ug/l | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 0.80 | ug/l | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.60 | ug/l | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.0 | 0.51 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.9 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 2.0 | 1.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.49 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.65 | ug/l | |
| 127-18-4 | Tetrachloroethene | 12.9 | 1.0 | 0.90 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.53 | ug/l | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.0 | 0.50 | ug/l | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.0 | 0.50 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.54 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.53 | ug/l | |
| 79-01-6 | Trichloroethene | 1.3 | 1.0 | 0.53 | ug/l | |
| 75-69-4 | Trichlorofluoromethane | ND | 2.0 | 0.40 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.79 | ug/l | |
| | m,p-Xylene | ND | 1.0 | 0.78 | ug/l | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.59 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.59 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 1868-53-7 | Dibromofluoromethane | 104% | 99% | 80-120% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 93% | 109% | 80-120% |
| 2037-26-5 | Toluene-D8 | 98% | 101% | 80-120% |
| 460-00-4 | 4-Bromofluorobenzene | 91% | 97% | 82-114% |

(a) This compound in blank spike is outside in house QC limits bias high.
(b) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 9/29/22

# Report of Analysis



4.9

| | | | |
|---|---|---|---|
| Client Sample ID: | DUP_20220907 | | |
| Lab Sample ID: | JD51402-9 | Date Sampled: | 09/07/22 |
| Matrix: | AQ - Ground Water | Date Received: | 09/08/22 |
| Method: | SW846 8260D | Percent Solids: | n/a |
| Project: | Darby Drugs, 80 Banks Avenue, Rockville Centre, NY | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 | 2U48187.D | 1 | 09/14/22 19:24 | ED | n/a | n/a | V2U1966 |
| Run #2 | | | | | | | |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone [a] | ND UJ | 10 | 3.1 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.43 | ug/l | |
| 74-97-5 | Bromochloromethane | ND | 1.0 | 0.48 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.45 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.63 | ug/l | |
| 74-83-9 | Bromomethane | ND | 2.0 | 1.6 | ug/l | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 6.9 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.46 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.55 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.56 | ug/l | |
| 75-00-3 | Chloroethane | ND | 1.0 | 0.73 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.50 | ug/l | |
| 74-87-3 | Chloromethane | ND | 1.0 | 0.76 | ug/l | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.78 | ug/l | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 2.0 | 0.53 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.56 | ug/l | |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.0 | 0.48 | ug/l | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.0 | 0.53 | ug/l | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.0 | 0.54 | ug/l | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.0 | 0.51 | ug/l | |
| 75-71-8 | Dichlorodifluoromethane | ND | 2.0 | 0.56 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.57 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.60 | ug/l | |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.0 | 0.59 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethene | 1.2 | 1.0 | 0.51 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.0 | 0.54 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.51 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.47 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.43 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.60 | ug/l | |
| 76-13-1 | Freon 113 [b] | ND | 5.0 | 0.58 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 2.0 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 9/29/22

# Report of Analysis



| | | | |
|---|---|---|---|
| Client Sample ID: | DUP_20220907 | | |
| Lab Sample ID: | JD51402-9 | Date Sampled: | 09/07/22 |
| Matrix: | AQ - Ground Water | Date Received: | 09/08/22 |
| Method: | SW846 8260D | Percent Solids: | n/a |
| Project: | Darby Drugs, 80 Banks Avenue, Rockville Centre, NY | | |

4.9.4

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 98-82-8 | Isopropylbenzene | ND | 1.0 | 0.65 | ug/l | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 0.80 | ug/l | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.60 | ug/l | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.0 | 0.51 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.9 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 2.0 | 1.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.49 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.65 | ug/l | |
| 127-18-4 | Tetrachloroethene | 10.9 | 1.0 | 0.90 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.53 | ug/l | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.0 | 0.50 | ug/l | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.0 | 0.50 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.54 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.53 | ug/l | |
| 79-01-6 | Trichloroethene | 1.2 | 1.0 | 0.53 | ug/l | |
| 75-69-4 | Trichlorofluoromethane | ND | 2.0 | 0.40 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.79 | ug/l | |
| | m,p-Xylene | ND | 1.0 | 0.78 | ug/l | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.59 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.59 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 1868-53-7 | Dibromofluoromethane | 100% | | 80-120% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 110% | | 80-120% |
| 2037-26-5 | Toluene-D8 | 102% | | 80-120% |
| 460-00-4 | 4-Bromofluorobenzene | 100% | | 82-114% |

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 9/29/22

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SGS LabLink@1145913 12:38 20-Sep-2022

# Report of Analysis



4.10 4

| | | | |
|---|---|---|---|
| Client Sample ID: | MW11R-20220907 | | |
| Lab Sample ID: | JD51402-10 | Date Sampled: | 09/07/22 |
| Matrix: | AQ - Ground Water | Date Received: | 09/08/22 |
| Method: | SW846 8260D | Percent Solids: | n/a |
| Project: | Darby Drugs, 80 Banks Avenue, Rockville Centre, NY | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 | 1U48180.D | 1 | 09/14/22 17:40 | ED | n/a | n/a | V1U1966 |
| Run #2 | 1U48171.D | 10 | 09/14/22 15:17 | ED | n/a | n/a | V1U1966 |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | 5.0 ml |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone [a] | ND UJ | 10 | 3.1 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.43 | ug/l | |
| 74-97-5 | Bromochloromethane | ND | 1.0 | 0.48 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.45 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.63 | ug/l | |
| 74-83-9 | Bromomethane | ND | 2.0 | 1.6 | ug/l | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 6.9 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.46 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.55 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.56 | ug/l | |
| 75-00-3 | Chloroethane | ND | 1.0 | 0.73 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.50 | ug/l | |
| 74-87-3 | Chloromethane | ND | 1.0 | 0.76 | ug/l | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.78 | ug/l | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 2.0 | 0.53 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.56 | ug/l | |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.0 | 0.48 | ug/l | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.0 | 0.53 | ug/l | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.0 | 0.54 | ug/l | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.0 | 0.51 | ug/l | |
| 75-71-8 | Dichlorodifluoromethane | ND | 2.0 | 0.56 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.57 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.60 | ug/l | |
| 75-35-4 | 1,1-Dichloroethene | 1.5 | 1.0 | 0.59 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethene | 504 [b] | 10 | 5.1 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethene | 2.5 | 1.0 | 0.54 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.51 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.47 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.43 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.60 | ug/l | |
| 76-13-1 | Freon 113 | ND | 5.0 | 0.58 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 2.0 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 9/29/22

# Report of Analysis



| | | | |
|---|---|---|---|
| Client Sample ID: | MW11R-20220907 | | |
| Lab Sample ID: | JD51402-10 | Date Sampled: | 09/07/22 |
| Matrix: | AQ - Ground Water | Date Received: | 09/08/22 |
| Method: | SW846 8260D | Percent Solids: | n/a |
| Project: | Darby Drugs, 80 Banks Avenue, Rockville Centre, NY | | |

4.10 4

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 98-82-8 | Isopropylbenzene | ND | 1.0 | 0.65 | ug/l | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 0.80 | ug/l | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.60 | ug/l | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.0 | 0.51 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.9 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 2.0 | 1.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.49 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.65 | ug/l | |
| 127-18-4 | Tetrachloroethene | 243 [b] | 10 | 9.0 | ug/l | |
| 108-88-3 | Toluene | 0.63 | 1.0 | 0.53 | ug/l | J |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.0 | 0.50 | ug/l | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.0 | 0.50 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.54 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.53 | ug/l | |
| 79-01-6 | Trichloroethene | 186 | 1.0 | 0.53 | ug/l | |
| 75-69-4 | Trichlorofluoromethane | ND | 2.0 | 0.40 | ug/l | |
| 75-01-4 | Vinyl chloride | 41.6 | 1.0 | 0.79 | ug/l | |
| | m,p-Xylene | ND | 1.0 | 0.78 | ug/l | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.59 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.59 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 1868-53-7 | Dibromofluoromethane | 100% | 100% | 80-120% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 101% | 109% | 80-120% |
| 2037-26-5 | Toluene-D8 | 102% | 100% | 80-120% |
| 460-00-4 | 4-Bromofluorobenzene | 97% | 97% | 82-114% |

(a) Associated CCV outside of control limits high, sample was ND.
(b) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 9/29/22

# Report of Analysis



4.11
4

| | | | |
|---|---|---|---|
| Client Sample ID: | MW12R-20220907 | | |
| Lab Sample ID: | JD51402-11 | Date Sampled: | 09/07/22 |
| Matrix: | AQ - Ground Water | Date Received: | 09/08/22 |
| Method: | SW846 8260D | Percent Solids: | n/a |
| Project: | Darby Drugs, 80 Banks Avenue, Rockville Centre, NY | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 | 2U48179.D | 1 | 09/14/22 17:26 | ED | n/a | n/a | V2U1966 |
| Run #2 [a] | 2U48170.D | 10 | 09/14/22 15:02 | ED | n/a | n/a | V2U1966 |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | 5.0 ml |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone [b] | ND UJ | 10 | 3.1 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.43 | ug/l | |
| 74-97-5 | Bromochloromethane | ND | 1.0 | 0.48 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.45 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.63 | ug/l | |
| 74-83-9 | Bromomethane | ND | 2.0 | 1.6 | ug/l | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 6.9 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.46 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.55 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.56 | ug/l | |
| 75-00-3 | Chloroethane | ND | 1.0 | 0.73 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.50 | ug/l | |
| 74-87-3 | Chloromethane | ND | 1.0 | 0.76 | ug/l | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.78 | ug/l | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 2.0 | 0.53 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.56 | ug/l | |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.0 | 0.48 | ug/l | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.0 | 0.53 | ug/l | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.0 | 0.54 | ug/l | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.0 | 0.51 | ug/l | |
| 75-71-8 | Dichlorodifluoromethane | ND | 2.0 | 0.56 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.57 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.60 | ug/l | |
| 75-35-4 | 1,1-Dichloroethene | 0.78 | 1.0 | 0.59 | ug/l | J |
| 156-59-2 | cis-1,2-Dichloroethene | 252 [c] | 10 | 5.1 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethene | 2.3 | 1.0 | 0.54 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.51 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.47 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.43 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.60 | ug/l | |
| 76-13-1 | Freon 113 [d] | ND | 5.0 | 0.58 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 2.0 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 9/29/22

# Report of Analysis



| | | | |
|---|---|---|---|
| Client Sample ID: | MW12R-20220907 | | |
| Lab Sample ID: | JD51402-11 | Date Sampled: | 09/07/22 |
| Matrix: | AQ - Ground Water | Date Received: | 09/08/22 |
| Method: | SW846 8260D | Percent Solids: | n/a |
| Project: | Darby Drugs, 80 Banks Avenue, Rockville Centre, NY | | |

4.11 4

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 98-82-8 | Isopropylbenzene | ND | 1.0 | 0.65 | ug/l | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 0.80 | ug/l | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.60 | ug/l | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.0 | 0.51 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.9 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 2.0 | 1.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.49 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.65 | ug/l | |
| 127-18-4 | Tetrachloroethene | 28.3 | 1.0 | 0.90 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.53 | ug/l | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.0 | 0.50 | ug/l | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.0 | 0.50 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.54 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.53 | ug/l | |
| 79-01-6 | Trichloroethene | 16.8 | 1.0 | 0.53 | ug/l | |
| 75-69-4 | Trichlorofluoromethane | ND | 2.0 | 0.40 | ug/l | |
| 75-01-4 | Vinyl chloride | 80.8 | 1.0 | 0.79 | ug/l | |
| | m,p-Xylene | ND | 1.0 | 0.78 | ug/l | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.59 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.59 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 1868-53-7 | Dibromofluoromethane | 100% | 102% | 80-120% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 108% | 109% | 80-120% |
| 2037-26-5 | Toluene-D8 | 101% | 101% | 80-120% |
| 460-00-4 | 4-Bromofluorobenzene | 101% | 99% | 82-114% |

(a) Dilution required due to high concentration of target compound.
(b) Associated CCV outside of control limits high, sample was ND.
(c) Result is from Run# 2
(d) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NM 9/29/22

12



# Report of Analysis



4.12 4

| | | | |
|---|---|---|---|
| Client Sample ID: | MW13R-20220907 | | |
| Lab Sample ID: | JD51402-12 | Date Sampled: | 09/07/22 |
| Matrix: | AQ - Ground Water | Date Received: | 09/08/22 |
| Method: | SW846 8260D | Percent Solids: | n/a |
| Project: | Darby Drugs, 80 Banks Avenue, Rockville Centre, NY | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 | 1U48178.D | 1 | 09/14/22 17:11 | ED | n/a | n/a | V1U1966 |
| Run #2 | 1U48169.D | 10 | 09/14/22 14:47 | ED | n/a | n/a | V1U1966 |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | 5.0 ml |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone [a] | ND UJ | 10 | 3.1 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.43 | ug/l | |
| 74-97-5 | Bromochloromethane | ND | 1.0 | 0.48 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.45 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.63 | ug/l | |
| 74-83-9 | Bromomethane | ND | 2.0 | 1.6 | ug/l | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 6.9 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.46 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.55 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.56 | ug/l | |
| 75-00-3 | Chloroethane | ND | 1.0 | 0.73 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.50 | ug/l | |
| 74-87-3 | Chloromethane | ND | 1.0 | 0.76 | ug/l | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.78 | ug/l | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 2.0 | 0.53 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.56 | ug/l | |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.0 | 0.48 | ug/l | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.0 | 0.53 | ug/l | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.0 | 0.54 | ug/l | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.0 | 0.51 | ug/l | |
| 75-71-8 | Dichlorodifluoromethane | ND | 2.0 | 0.56 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.57 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.60 | ug/l | |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | 1.0 | 0.59 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethene | 247 [b] | 10 | 5.1 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethene | 1.6 | 1.0 | 0.54 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.51 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.47 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.43 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.60 | ug/l | |
| 76-13-1 | Freon 113 | ND | 5.0 | 0.58 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 2.0 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 9/29/22

# Report of Analysis





| | | | |
|---|---|---|---|
| Client Sample ID: | MW13R-20220907 | | |
| Lab Sample ID: | JD51402-12 | Date Sampled: | 09/07/22 |
| Matrix: | AQ - Ground Water | Date Received: | 09/08/22 |
| Method: | SW846 8260D | Percent Solids: | n/a |
| Project: | Darby Drugs, 80 Banks Avenue, Rockville Centre, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 98-82-8 | Isopropylbenzene | ND | 1.0 | 0.65 | ug/l | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 0.80 | ug/l | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.60 | ug/l | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.0 | 0.51 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.9 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 2.0 | 1.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.49 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.65 | ug/l | |
| 127-18-4 | Tetrachloroethene | 502 [b] | 10 | 9.0 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.53 | ug/l | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.0 | 0.50 | ug/l | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.0 | 0.50 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.54 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.53 | ug/l | |
| 79-01-6 | Trichloroethene | 125 | 1.0 | 0.53 | ug/l | |
| 75-69-4 | Trichlorofluoromethane | ND | 2.0 | 0.40 | ug/l | |
| 75-01-4 | Vinyl chloride | 9.3 | 1.0 | 0.79 | ug/l | |
| | m,p-Xylene | ND | 1.0 | 0.78 | ug/l | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.59 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.59 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 1868-53-7 | Dibromofluoromethane | 98% | 102% | 80-120% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 103% | 110% | 80-120% |
| 2037-26-5 | Toluene-D8 | 105% | 101% | 80-120% |
| 460-00-4 | 4-Bromofluorobenzene | 96% | 97% | 82-114% |

(a) Associated CCV outside of control limits high, sample was ND.
(b) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 9/29/22

# Report of Analysis





| | | | |
|---|---|---|---|
| Client Sample ID: | MW14R-20220907 | | |
| Lab Sample ID: | JD51402-13 | Date Sampled: | 09/07/22 |
| Matrix: | AQ - Ground Water | Date Received: | 09/08/22 |
| Method: | SW846 8260D | Percent Solids: | n/a |
| Project: | Darby Drugs, 80 Banks Avenue, Rockville Centre, NY | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 | 2U48177.D | 10 | 09/14/22 16:56 | ED | n/a | n/a | V2U1966 |
| Run #2 | | | | | | | |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone [a] | ND UJ | 100 | 31 | ug/l | |
| 71-43-2 | Benzene | ND | 5.0 | 4.3 | ug/l | |
| 74-97-5 | Bromochloromethane | ND | 10 | 4.8 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 10 | 4.5 | ug/l | |
| 75-25-2 | Bromoform | ND | 10 | 6.3 | ug/l | |
| 74-83-9 | Bromomethane | ND | 20 | 16 | ug/l | |
| 78-93-3 | 2-Butanone (MEK) | ND | 100 | 69 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 20 | 4.6 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 10 | 5.5 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 10 | 5.6 | ug/l | |
| 75-00-3 | Chloroethane | ND | 10 | 7.3 | ug/l | |
| 67-66-3 | Chloroform | 6.0 U | 10 | 5.0 | ug/l | J |
| 74-87-3 | Chloromethane | ND | 10 | 7.6 | ug/l | |
| 110-82-7 | Cyclohexane | ND | 50 | 7.8 | ug/l | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 20 | 5.3 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 10 | 5.6 | ug/l | |
| 106-93-4 | 1,2-Dibromoethane | ND | 10 | 4.8 | ug/l | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 10 | 5.3 | ug/l | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 10 | 5.4 | ug/l | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 10 | 5.1 | ug/l | |
| 75-71-8 | Dichlorodifluoromethane | ND | 20 | 5.6 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 10 | 5.7 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 10 | 6.0 | ug/l | |
| 75-35-4 | 1,1-Dichloroethene | ND | 10 | 5.9 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethene | 1780 J | 10 | 5.1 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethene | 13.8 | 10 | 5.4 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 10 | 5.1 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 10 | 4.7 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 10 | 4.3 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 10 | 6.0 | ug/l | |
| 76-13-1 | Freon 113 [b] | ND | 50 | 5.8 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 50 | 20 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 9/29/22

13

# Report of Analysis



4.13 4

| | | | |
|---|---|---|---|
| Client Sample ID: | MW14R-20220907 | | |
| Lab Sample ID: | JD51402-13 | Date Sampled: | 09/07/22 |
| Matrix: | AQ - Ground Water | Date Received: | 09/08/22 |
| Method: | SW846 8260D | Percent Solids: | n/a |
| Project: | Darby Drugs, 80 Banks Avenue, Rockville Centre, NY | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 98-82-8 | Isopropylbenzene | ND | 10 | 6.5 | ug/l | |
| 79-20-9 | Methyl Acetate | ND | 50 | 8.0 | ug/l | |
| 108-87-2 | Methylcyclohexane | ND | 50 | 6.0 | ug/l | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 10 | 5.1 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 50 | 19 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 20 | 10 | ug/l | |
| 100-42-5 | Styrene | ND | 10 | 4.9 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 10 | 6.5 | ug/l | |
| 127-18-4 | Tetrachloroethene | 1920 | 10 | 9.0 | ug/l | J |
| 108-88-3 | Toluene | ND | 10 | 5.3 | ug/l | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 10 | 5.0 | ug/l | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 10 | 5.0 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 10 | 5.4 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 10 | 5.3 | ug/l | |
| 79-01-6 | Trichloroethene | 437 | 10 | 5.3 | ug/l | |
| 75-69-4 | Trichlorofluoromethane | ND | 20 | 4.0 | ug/l | |
| 75-01-4 | Vinyl chloride | 79.3 | 10 | 7.9 | ug/l | |
| | m,p-Xylene | ND | 10 | 7.8 | ug/l | |
| 95-47-6 | o-Xylene | ND | 10 | 5.9 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 10 | 5.9 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 1868-53-7 | Dibromofluoromethane | 100% | | 80-120% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 105% | | 80-120% |
| 2037-26-5 | Toluene-D8 | 103% | | 80-120% |
| 460-00-4 | 4-Bromofluorobenzene | 101% | | 82-114% |

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 9/29/22

14

# Report of Analysis





| | | | |
|---|---|---|---|
| Client Sample ID: | TB-20220721 | | |
| Lab Sample ID: | JD51402-14 | Date Sampled: | 09/07/22 |
| Matrix: | AQ - Ground Water | Date Received: | 09/08/22 |
| Method: | SW846 8260D | Percent Solids: | n/a |
| Project: | Darby Drugs, 80 Banks Avenue, Rockville Centre, NY | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---|---|---|---|---|---|---|---|
| Run #1 | L346796.D | 1 | 09/10/22 20:13 | TS | n/a | n/a | VL10486 |
| Run #2 | | | | | | | |

| | Purge Volume |
|---|---|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 67-64-1 | Acetone | ND | 10 | 3.1 | ug/l | |
| 71-43-2 | Benzene | ND | 0.50 | 0.43 | ug/l | |
| 74-97-5 | Bromochloromethane [a] | ND | 1.0 | 0.48 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.45 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.63 | ug/l | |
| 74-83-9 | Bromomethane | ND | 2.0 | 1.6 | ug/l | |
| 78-93-3 | 2-Butanone (MEK) | ND | 10 | 6.9 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.46 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.55 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.56 | ug/l | |
| 75-00-3 | Chloroethane | ND | 1.0 | 0.73 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.50 | ug/l | |
| 74-87-3 | Chloromethane [a] | ND | 1.0 | 0.76 | ug/l | |
| 110-82-7 | Cyclohexane | ND | 5.0 | 0.78 | ug/l | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 2.0 | 0.53 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.56 | ug/l | |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.0 | 0.48 | ug/l | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.0 | 0.53 | ug/l | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.0 | 0.54 | ug/l | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.0 | 0.51 | ug/l | |
| 75-71-8 | Dichlorodifluoromethane | ND | 2.0 | 0.56 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane [a] | ND | 1.0 | 0.57 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.60 | ug/l | |
| 75-35-4 | 1,1-Dichloroethene [a] | ND | 1.0 | 0.59 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethene [a] | ND | 1.0 | 0.51 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethene [a] | ND | 1.0 | 0.54 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane [a] | ND | 1.0 | 0.51 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.47 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.43 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.60 | ug/l | |
| 76-13-1 | Freon 113 [a] | ND | 5.0 | 0.58 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 5.0 | 2.0 | ug/l | |

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 9/29/22

# Report of Analysis

| | | | |
|---|---|---|---|
| Client Sample ID: | TB-20220721 | | |
| Lab Sample ID: | JD51402-14 | Date Sampled: | 09/07/22 |
| Matrix: | AQ - Ground Water | Date Received: | 09/08/22 |
| Method: | SW846 8260D | Percent Solids: | n/a |
| Project: | Darby Drugs, 80 Banks Avenue, Rockville Centre, NY | | |

4.14

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VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---|---|---|---|---|---|---|
| 98-82-8 | Isopropylbenzene | ND | 1.0 | 0.65 | ug/l | |
| 79-20-9 | Methyl Acetate | ND | 5.0 | 0.80 | ug/l | |
| 108-87-2 | Methylcyclohexane | ND | 5.0 | 0.60 | ug/l | |
| 1634-04-4 | Methyl Tert Butyl Ether | ND | 1.0 | 0.51 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone(MIBK) | ND | 5.0 | 1.9 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 2.0 | 1.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.49 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.65 | ug/l | |
| 127-18-4 | Tetrachloroethene | ND | 1.0 | 0.90 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.53 | ug/l | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.0 | 0.50 | ug/l | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.0 | 0.50 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.54 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.53 | ug/l | |
| 79-01-6 | Trichloroethene | ND | 1.0 | 0.53 | ug/l | |
| 75-69-4 | Trichlorofluoromethane | ND | 2.0 | 0.40 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.79 | ug/l | |
| | m,p-Xylene | ND | 1.0 | 0.78 | ug/l | |
| 95-47-6 | o-Xylene | ND | 1.0 | 0.59 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 1.0 | 0.59 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|---|---|---|---|---|
| 1868-53-7 | Dibromofluoromethane | 105% | | 80-120% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 94% | | 80-120% |
| 2037-26-5 | Toluene-D8 | 96% | | 80-120% |
| 460-00-4 | 4-Bromofluorobenzene | 92% | | 82-114% |

(a) This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 9/29/22