June 22, 2020

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

Ms. Kerry Maloney
New York State Department of Environmental Conservation
Bureau of Eastern Remedial Action
625 Broadway
Albany, New York 12233-7020

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

Dear Mr. Firetog and Ms. Maloney:

EnviroTrac Ltd. (EnviroTrac) has prepared this report to document the results of groundwater sampling conducted during January 2020 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

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. 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.

Although Darby Group Companies (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 with the NYSDEC on April 9, 2007 to investigate and potentially remediate contamination in groundwater in the adjacent areas to the south and west identified as Operable Unit II (OUII), NYSDEC BCP 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 1,140 lbs. of permanganate 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 groundwater samples were collected by EnviroTrac on behalf of Darby Group, 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 based on the testing results. Followup testing was subsequently performed in July and August. The scope of work included the addition of wells MW13 and MW14; results and recommendations were provided to the NYSDEC in correspondence dated September 27, 2019 to continue testing on a semi-annual schedule.

Scope of Work

EnviroTrac personnel reported to the Site on January 31, 2020 to gauge monitoring wells MW1 through MW14 and to sample monitoring wells MW1, MW2, MW3, MW9, MW11, MW12, MW13 and MW14 (**Figure 1**). The purpose of this work was to continue the assessment of shallow groundwater flow patterns and quality at OUII in accordance with recommendations presented in the September 2019 report.

Monitoring wells MW1, MW3 and MW10 which had most recently been sampled on October 29, 2014 could not be located. Well MW5 (reportedly last accessed on November 17, 2011) was located but the protective road box could not be opened using the tools available to the field staff.

Groundwater pH was measured in the field during sampling using a portable meter. 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.

Groundwater Sampling Results

Based on water level data provided in **Table 1** groundwater in the vicinity of the sampled wells along the western boundary of adjacent OUI was determined to flow in an easterly direction on January 31, 2020. The inferred direction of groundwater flow in the southern portion of OUII was noted as generally northward (**Figure 2**).

Table 2 provides a summary of pH measurements in the six (6) tested wells that ranged from moderately acidic to slightly basic. Over the noted period of record the average pH in OUII was slightly acidic to neutral.

The EDS DUSR presents results of third-party review of the laboratory reporting and is provided in **Attachment 1**. There were no rejections of data and all results were deemed useable in accordance with any applied data quality indicators. Validated laboratory results are provided in **Table 3**.

A summary of historic CVOC results is provided in **Table 4**.

Figures 3 through **8** provide concentrations for PCE, trichloroethene (TCE), 1,2-dichloroethene (1,2-DCE), and vinyl chloride (VC) in wells MW1, MW2, MW11, MW12, MW13 and MW14 during the period November 2011 to January 2020. **Figure 9** provides a summary of total CVOC results in those wells for the same period.

Findings and Conclusions

Groundwater Flow

Based on semi-annual testing conducted at the Site by EnviroTrac beginning in January 2019 groundwater flow direction at OUII has been noted as toward OUI; the January testing results support this finding. This observed flow regime is consistent with the Site Management Plan (SMP), dated December 12, 2011, that was developed as part of the NYSDEC approved remedy for OUI. The remedy requires the establishment and maintenance of hydraulic control at the property boundary in order to prevent further off-site (i.e., beyond the area defined as OUI) migration of contaminated groundwater. Hydraulic control measures were implemented in the fall of 2011.

Groundwater Quality

Long-term water quality monitoring at OUI has revealed a consistent, moderately basic condition with pH elevated above normal levels found in groundwater. The origin of this phenomenon appears to historically coincide with the completion of construction; some monitoring wells at OUI exhibited pH in the 11-12 range as early as 2012. A pH of 11.1 was noted in groundwater at the OUI treatment system in July 2019. In contrast, pH at OUII is generally acidic and consistent with precipitation that recharges the shallow groundwater. The OUI vs OUII pH differential supports conclusions regarding groundwater flow between the two operable units as discussed above and provides additional evidence of established hydraulic plume control.

The historic and current 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, suggest that continuing migration of contamination from the OUI to OUII is not occurring. Concentrations at MW2 have steadily declined during the period of record; no constituents exceeded NYSDEC Ambient Water Quality Standards (AWQS) in January 2020. Well MW9, located on the south side of Nassau Street, has never exhibited detectable CVOCs during the period of record. The chemical concentration record at monitoring well MW11, the third sampled OUII well located beyond the boundary separating the operable units, exhibits the effects of chemical injections performed in 2016. However, CVOC concentrations at MW11 have generally declined during the period of record having fallen from 17,413 in March 2014 to 2,609 in January 2020; an 85% decline.

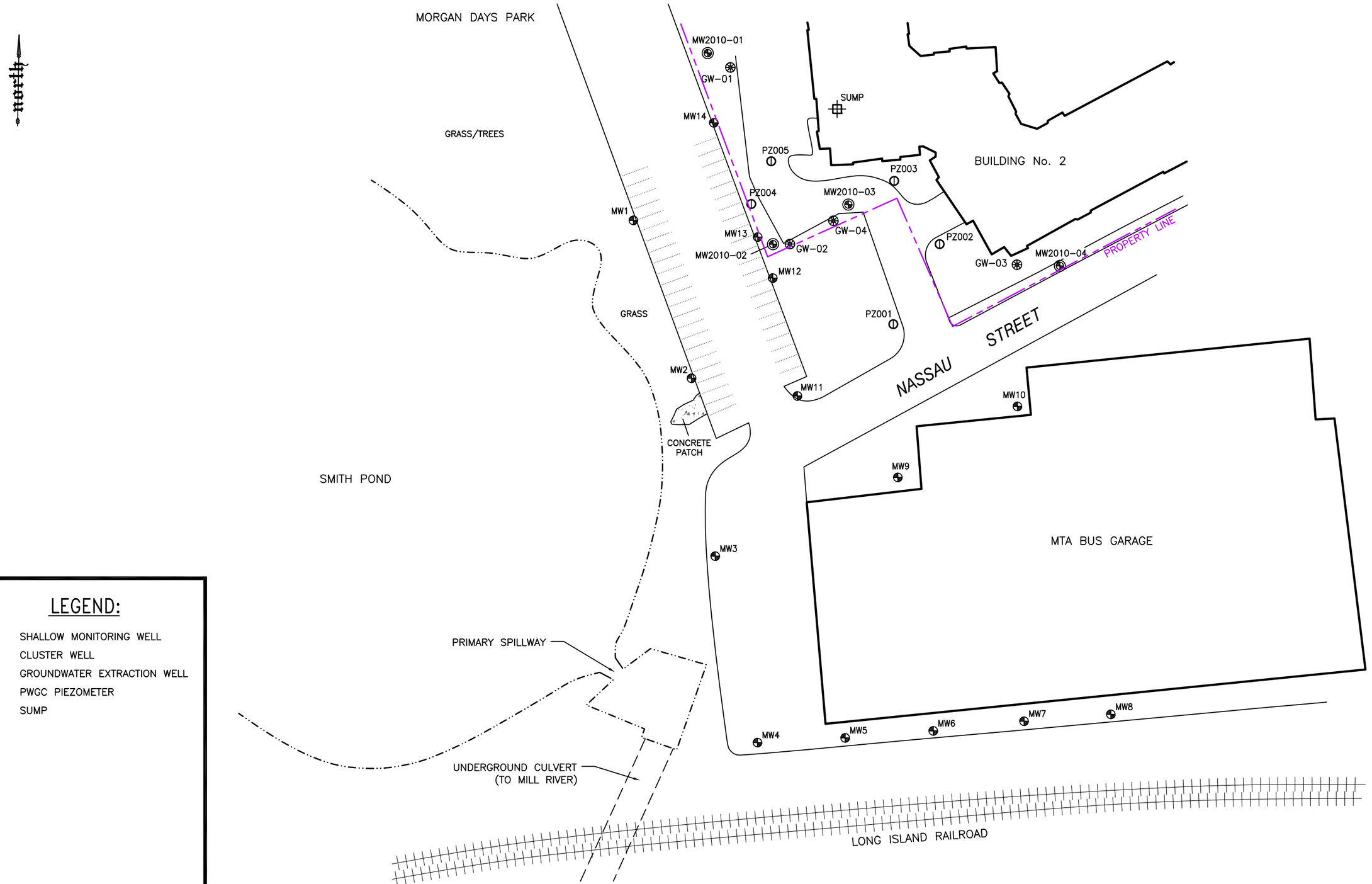
Recommendations

The data gathered suggest that groundwater quality at OUII is improving in response to established hydraulic control that prevents off-site migration of remaining contamination present at OUI. That control should be maintained, and routine testing conducted, to document such and to document ongoing groundwater quality improvements at OUII.

Select monitoring wells at OUII should continue to be gauged and tested for pH and EPA Method 8260 VOCs on a semi-annual frequency; the next event in July 2020. Recommended wells to be gauged include MW2, MW4, MW6 through MW9 and MW11 through MW14. Recommended wells to be sampled include MW2, MW9 and MW11

through MW14. The sample set should include QA samples and laboratory reporting conform to a Category B deliverable format; a DUSR should be prepared by a third-party validator. Results of the semi-annual testing should be provided to the NYSDEC in a document similar to this report.

Figures



LEGEND:

- SHALLOW MONITORING WELL
- CLUSTER WELL
- GROUNDWATER EXTRACTION WELL
- PWGC PIEZOMETER
- SUMP

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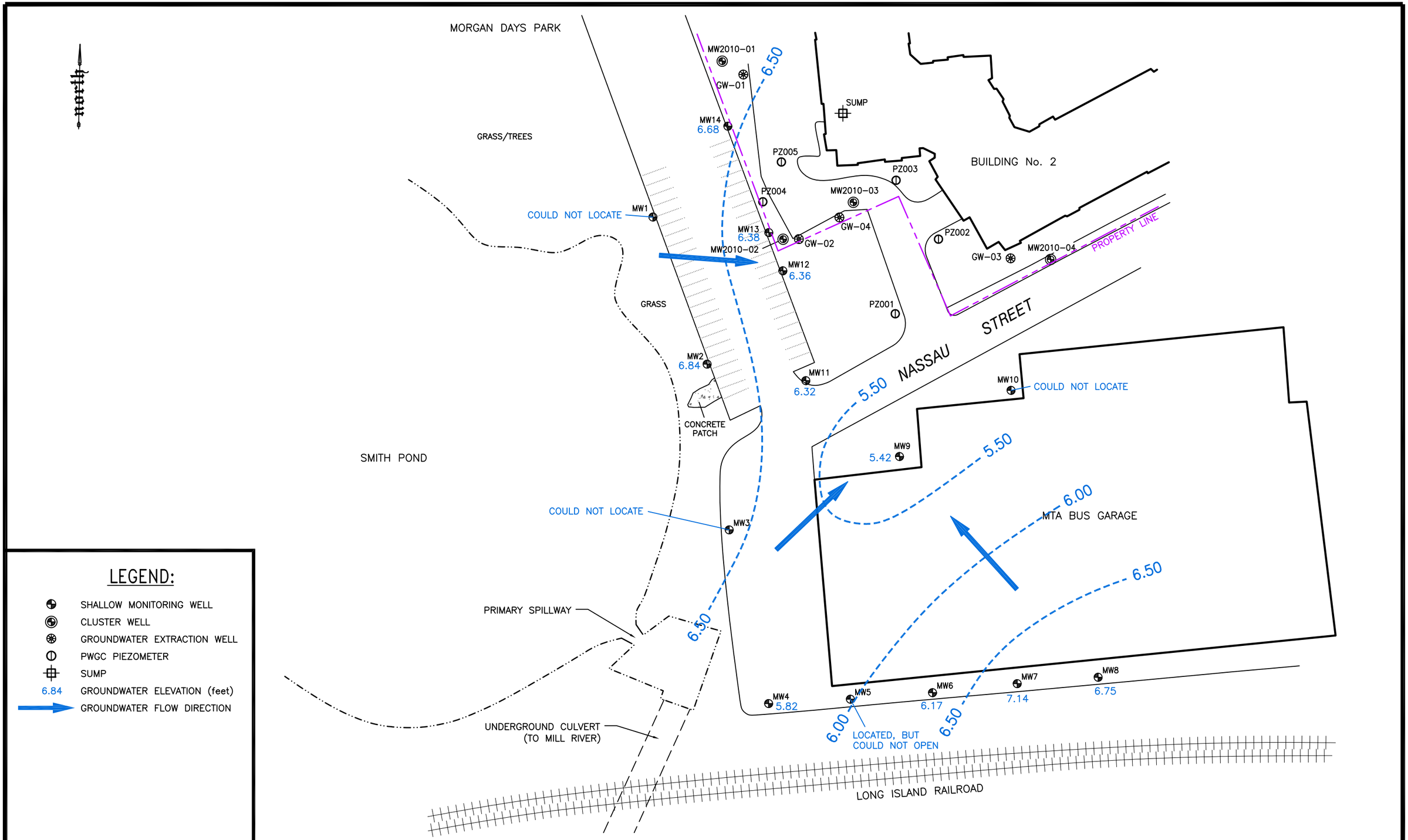
0 70
SCALE IN FEET

REVISION DATE: 2/19/2020 REVISED BY: BS

80 & 100 BANKS AVENUE
ROCKVILLE CENTRE, NEW YORK

SITE PLAN

FIGURE # 1



LEGEND:

- SHALLOW MONITORING WELL
- CLUSTER WELL
- GROUNDWATER EXTRACTION WELL
- PWGC PIEZOMETER
- SUMP
- 6.84 GROUNDWATER ELEVATION (feet)
- GROUNDWATER FLOW DIRECTION

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0 70
SCALE IN FEET

REVISION DATE: 2/19/2020 REVISED BY: BS

80 & 100 BANKS AVENUE
ROCKVILLE CENTRE, NEW YORK

GROUNDWATER ELEVATION AND FLOW
JANUARY 31, 2020

FIGURE # 2

Figure 3 - MW1

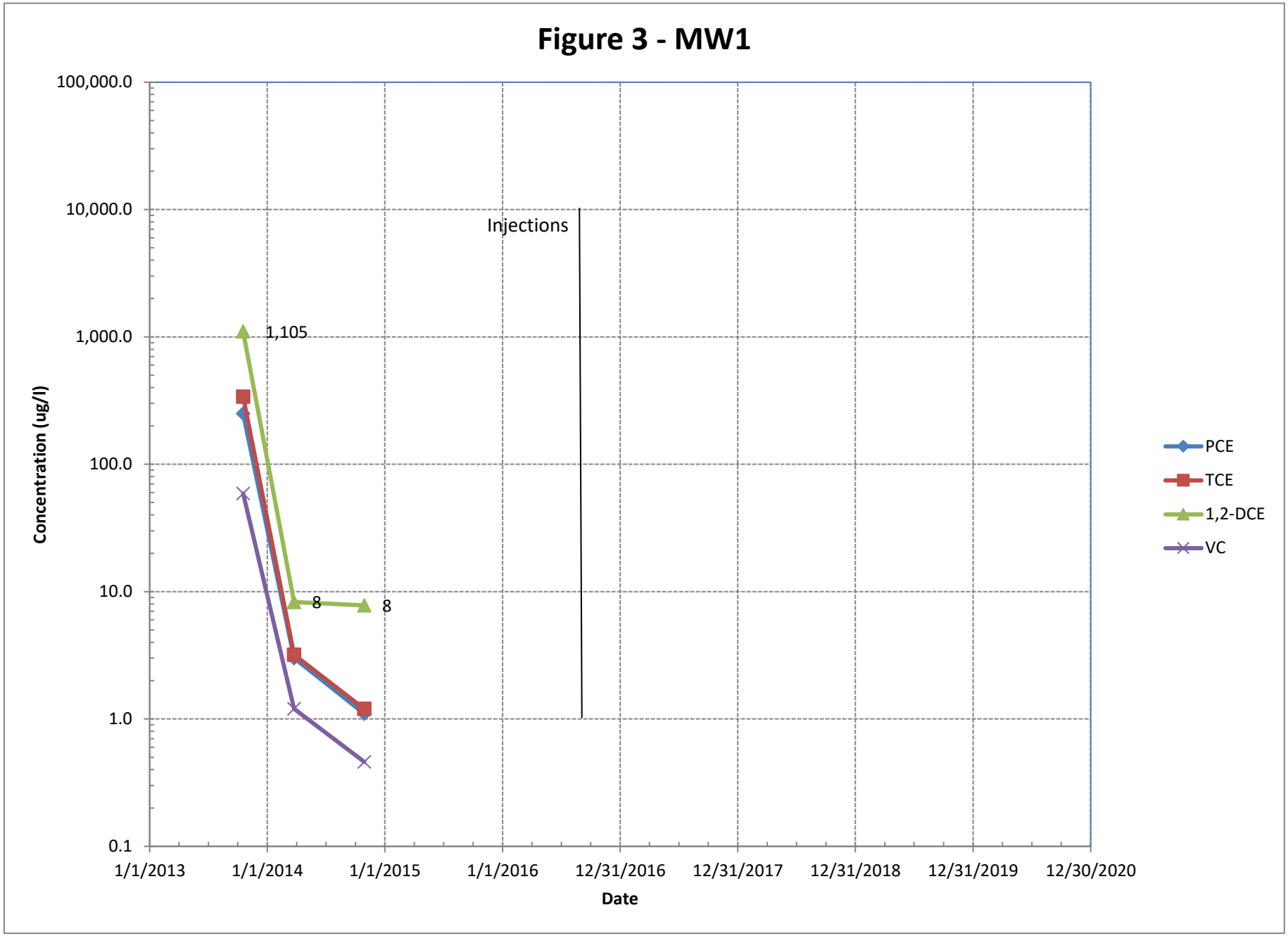
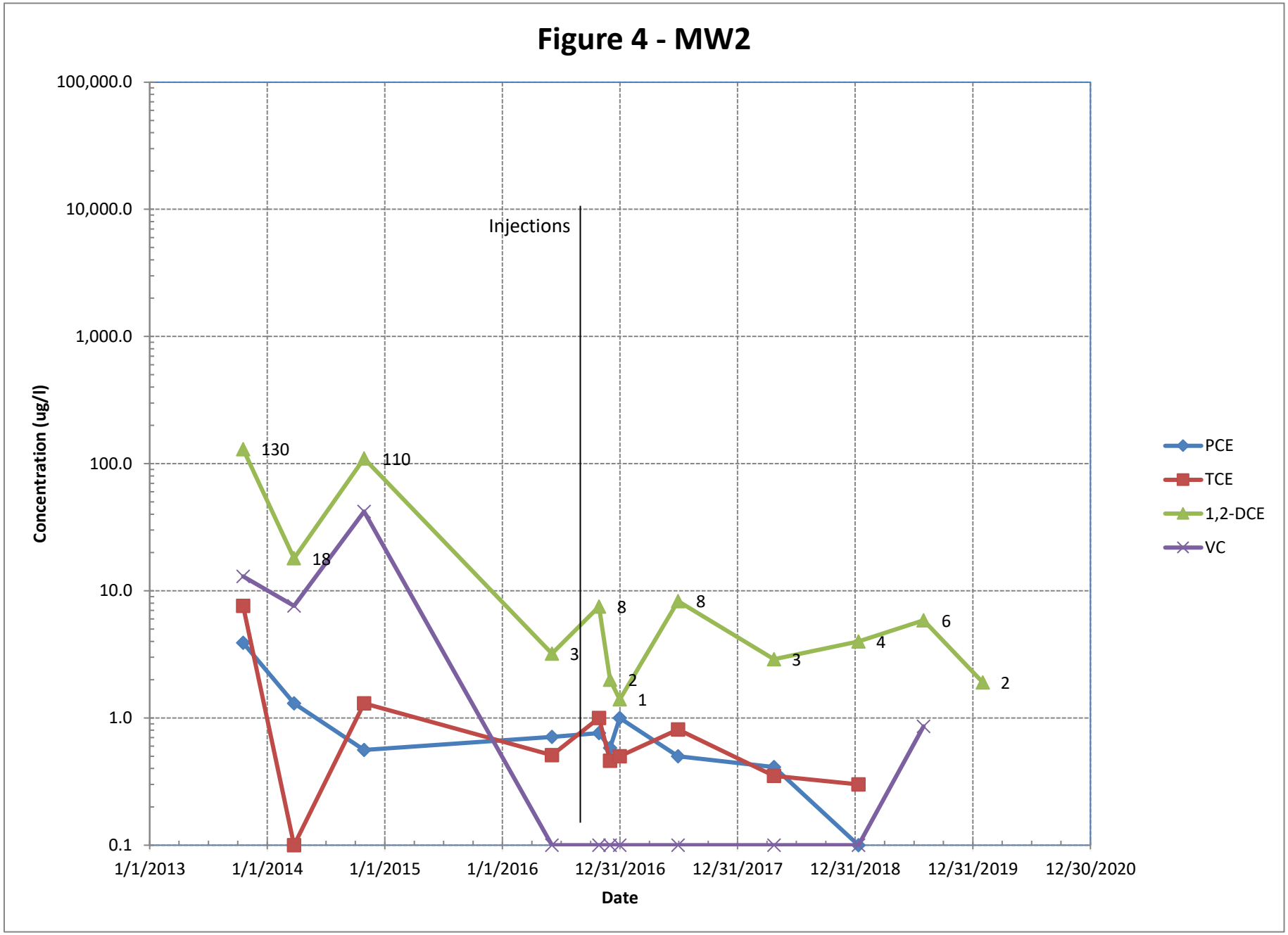

100,000.0
10,000.0
1,000.0
100.0
10.0
1.0
0.1
Concentration (ug/l)
Injections
1,105
8
8
1/1/2013
1/1/2014
1/1/2015
1/1/2016
12/31/2016
12/31/2017
12/31/2018
12/31/2019
12/30/2020
Date
PCE
TCE
1,2-DCE
VC

Figure 4 - MW2


100,000.0
10,000.0
1,000.0
100.0
10.0
1.0
0.1
Concentration (ug/l)
Injections
130
110
18
3
8
2
1
8
3
4
6
2
1/1/2013
1/1/2014
1/1/2015
1/1/2016
12/31/2016
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12/31/2018
12/31/2019
12/30/2020
Date
PCE
TCE
1,2-DCE
VC

Figure 5 - MW11

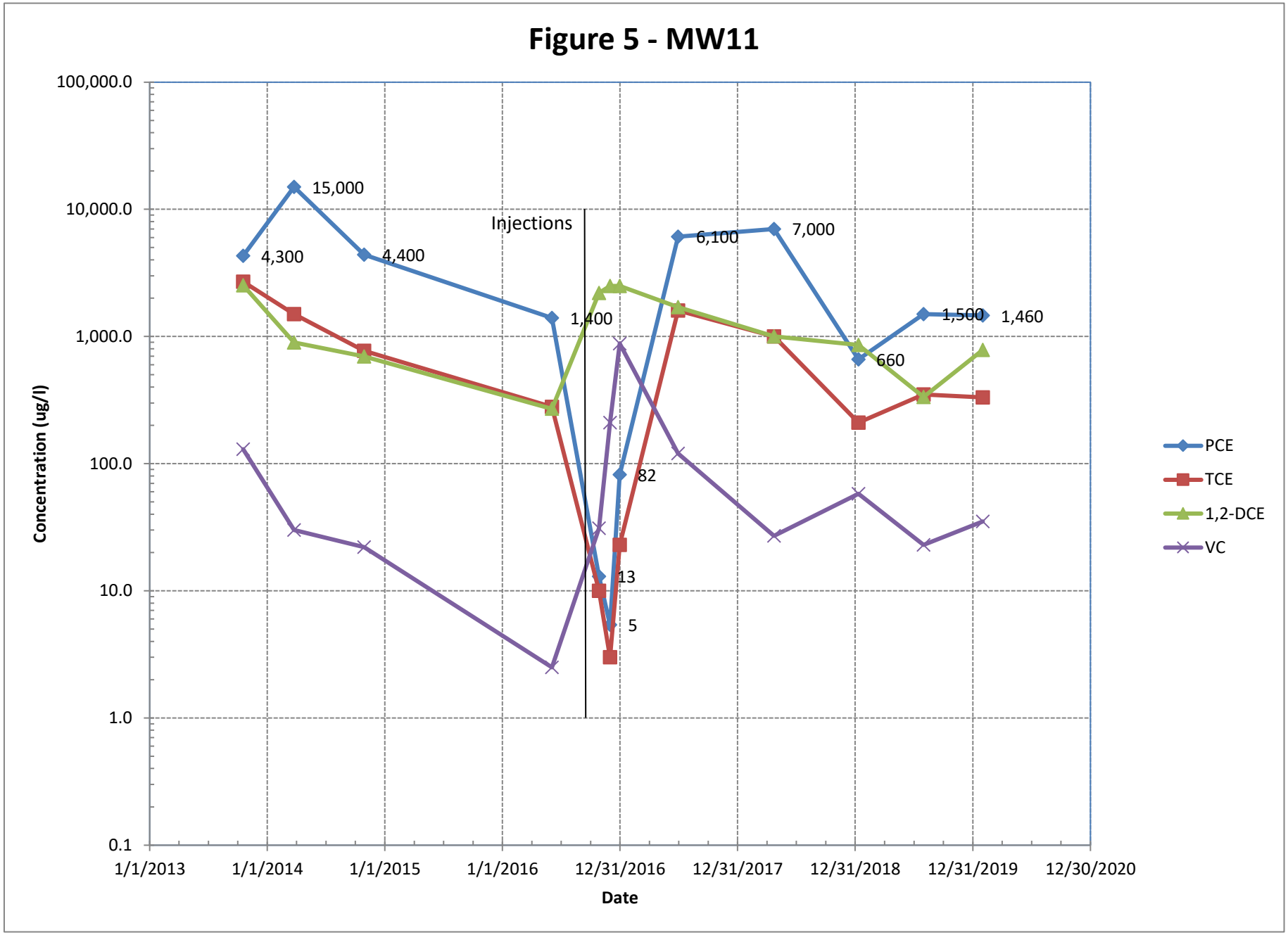


Figure 6 - MW12

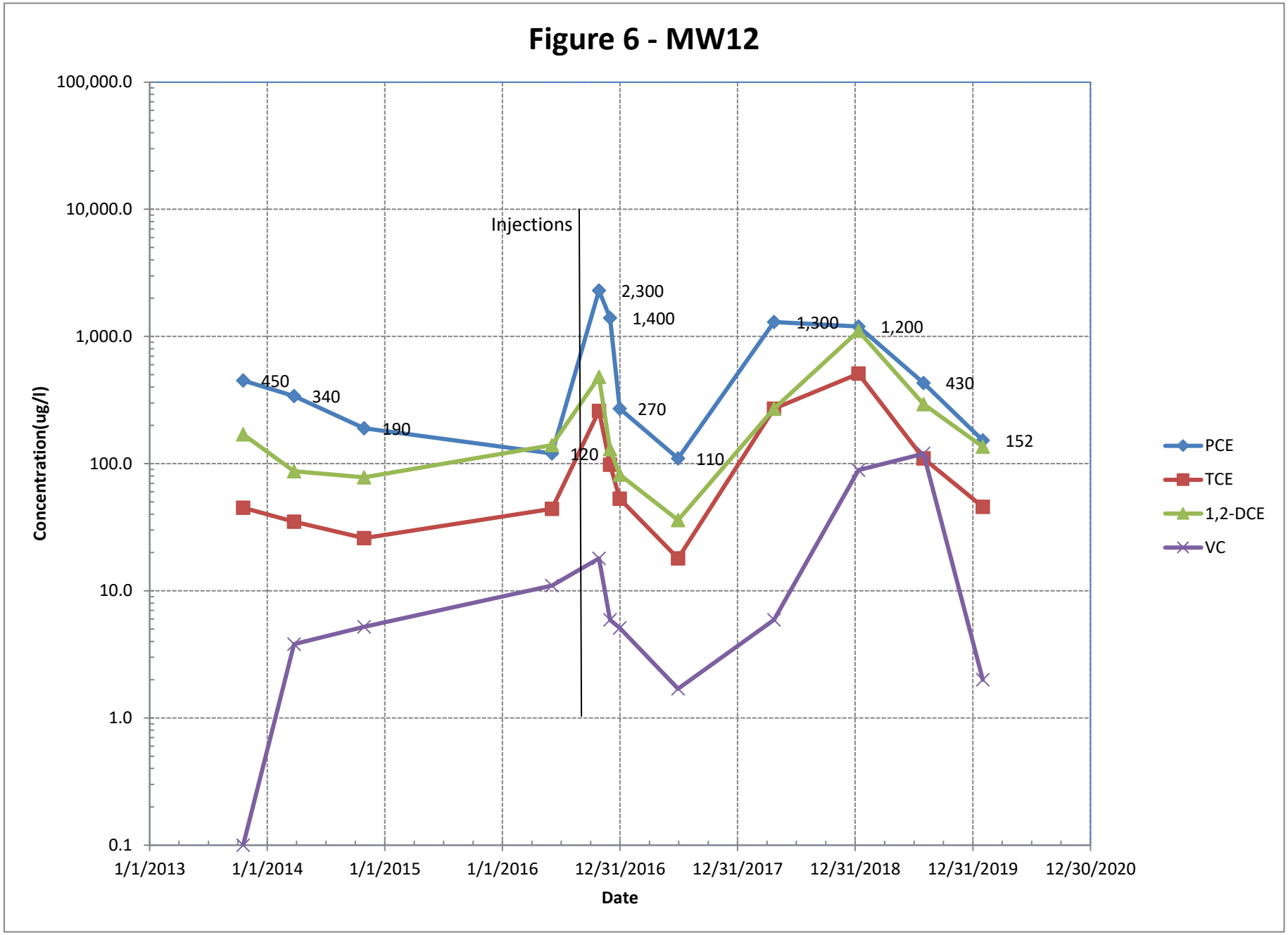


Figure 7 - MW13

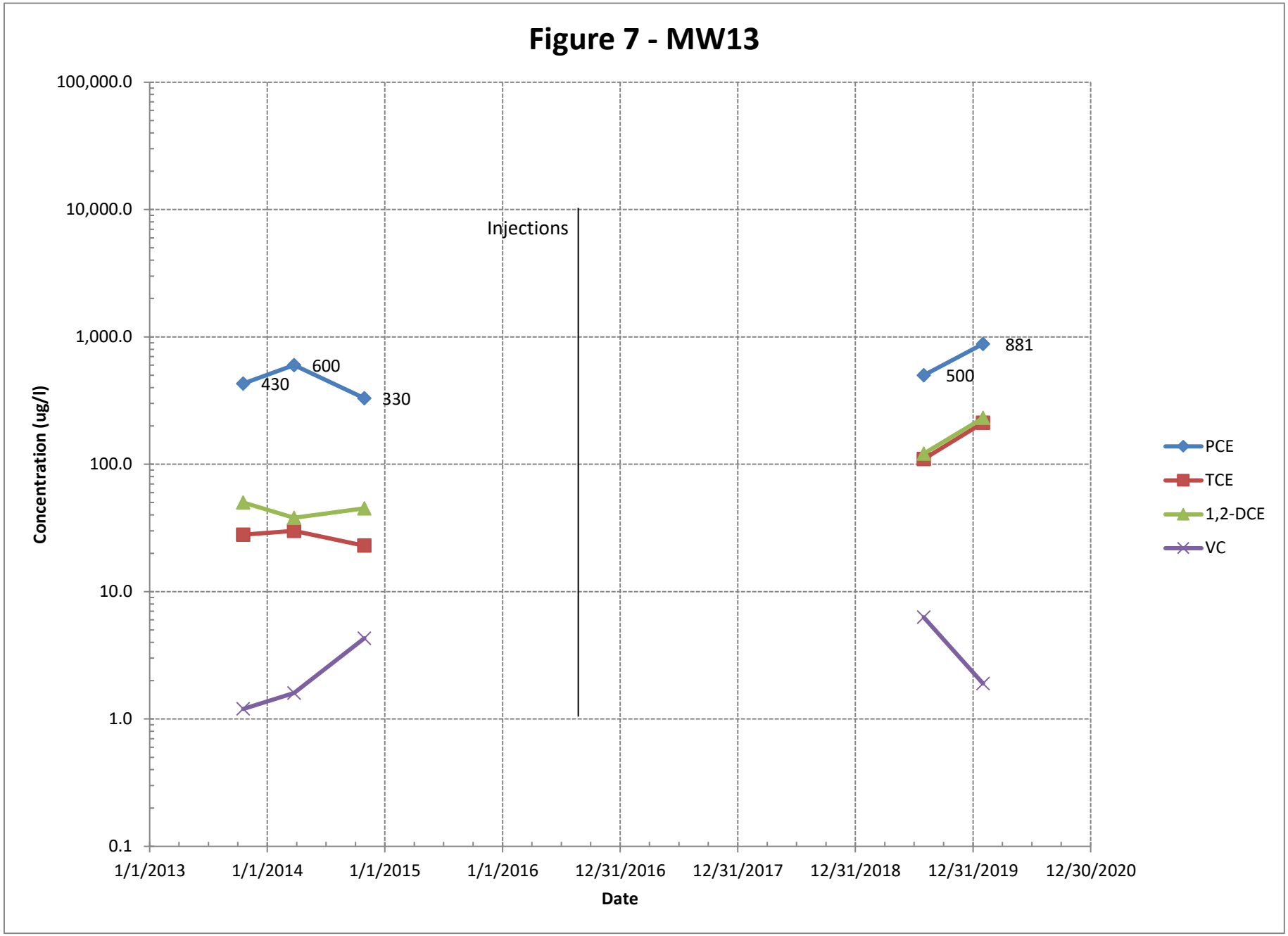


Figure 8 - MW14

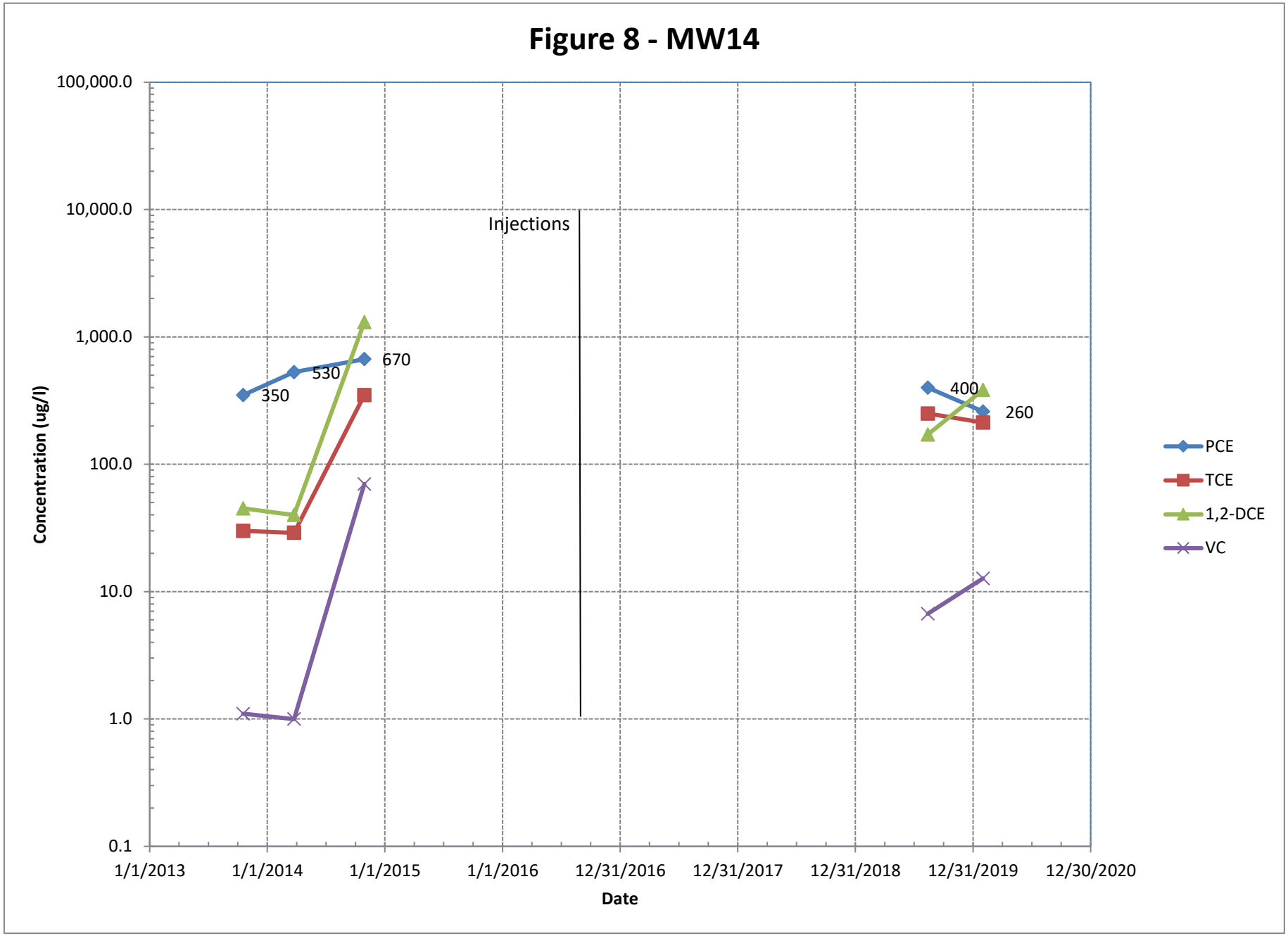
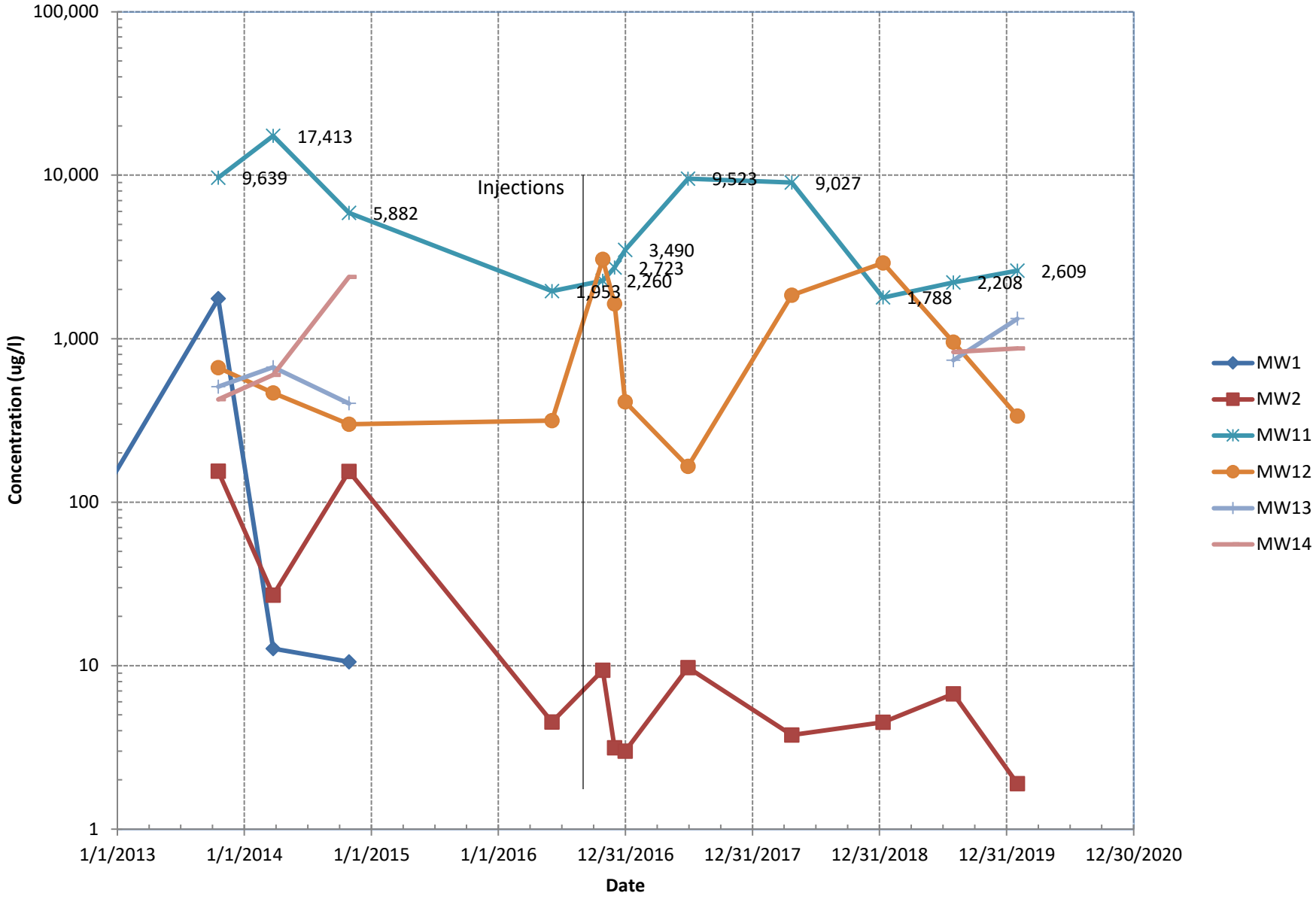


Figure 9 - Total CVOCs



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	9.92		10.38		10.60		11.43		11.99	
Gauging Date	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
3/26/2014	3.10	6.82	4.39	5.99	4.66	5.94	5.46	5.97	5.81	6.18
1/10/2019	-	-	3.36	7.02	-	-	-	-	-	-
7/31/2019	CNL	-	3.60	6.78	-	-	-	-	-	-
9/13/2019	CNL	-	3.78	6.60	-	-	-	-	-	-
1/31/2020	CNL	-	3.54	6.84	CNL	-	5.61	5.82	WD	-
Minimum	3.10	6.82	3.36	5.99	4.66	5.94	5.46	5.82	5.81	6.18
Average	3.10	6.82	3.73	6.65	4.66	5.94	5.54	5.90	5.81	6.18
Maximum	3.10	6.82	4.39	7.02	4.66	5.94	5.61	5.97	5.81	6.18

Well Name	MW6		MW7		MW8		MW9		MW10	
MP ELEV	12.61		13.17		13.17		12.46		11.77	
Gauging Date	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
3/26/2014	6.25	6.36	6.18	6.99	6.63	6.54	6.87	5.59	5.89	5.88
1/10/2019	-	-	-	-	-	-	-	-	-	-
7/31/2019	-	-	-	-	-	-	-	-	-	-
9/13/2019	-	-	-	-	-	-	-	-	-	-
1/31/2020	6.14	6.47	6.03	7.14	6.42	6.75	7.04	5.42	CNL	-
Minimum	6.14	6.36	6.03	6.99	6.42	6.54	6.87	5.42	5.89	5.88
Average	6.20	6.42	6.11	7.07	6.53	6.65	6.96	5.51	5.89	5.88
Maximum	6.25	6.47	6.18	7.14	6.63	6.75	7.04	5.59	5.89	5.88

Well Name	MW11		MW12		MW13		MW14	
MP ELEV	11.12		11.51		11.64		11.85	
Gauging Date	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
3/26/2014	4.61	6.51	4.06	7.45	3.71	7.93	3.21	8.64
1/10/2019	4.60	6.52	4.85	6.66	-	-	-	-
7/31/2019	4.83	6.29	5.21	6.30	5.32	6.32	5.80	6.05
9/13/2019	5.00	6.12	5.02	6.49	5.00	6.64	4.83	7.02
1/31/2020	4.80	6.32	5.15	6.36	5.26	6.38	5.17	6.68
Minimum	4.60	6.12	4.06	6.30	3.71	6.32	3.21	6.05
Average	4.77	6.35	4.86	6.65	4.82	6.82	4.75	7.10
Maximum	5.00	6.52	5.21	7.45	5.32	7.93	5.80	8.64

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.

Table 2: Summary of Groundwater pH Measurements
Former Darby Drugs – OUII (Off-Site)
Rockville Centre, New York
NYSDEC BCP Number: C130140A

Well Name	MW2	MW9	MW11	MW12	MW13	MW14
1/10/2019	6.71	-	6.02	7.00	-	-
7/31/2019	6.70	-	6.19	6.65	9.24	6.86
1/31/2020	5.94	6.78	5.62	6.98	8.06	7.21
Minimum	5.94	6.78	5.62	6.65	8.06	6.86
Average	6.45	6.78	5.94	6.88	8.65	7.04
Maximum	6.71	6.78	6.19	7.00	9.24	7.21

Table 3: Summary of Groundwater Sampling Results - January 31, 2020
Former Darby Drugs – OUII (Off-Site)
Rockville Centre, New York
NYSDEC BCP Number: C130140A

COMPOUND	NYSDEC AWQS	MW2	DUP (1)	MW9	MW11	MW12	MW13	MW14	TB
1,1,1-Trichloroethane	5	1 U	1 U	1 U	4 U	1 U	2 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	1 U	1 U	4 U	1 U	2 U	1 U	1 U
1,1,2-Trichloroethane	1	1 U	1 U	1 U	4 U	1 U	2 U	1 U	1 U
1,1-Dichloroethane	5	1 U	1 U	1 U	4 U	1 U	2 U	1 U	1 U
1,1-Dichloroethene	5	1 U	1 U	1 U	4 U	1 U	2 U	**1.2**	1 U
1,2,3-Trichlorobenzene	5	1 U	1 U	1 U	4 U	1 U	2 U	1 U	1 U
1,2,4-Trichlorobenzene	5	1 U	1 U	1 U	4 U	1 U	2 U	1 U	1 U
1,2-Dibromo-3-chloropropane	0.04	2 U	2 U	2 U	8 U	2 U	4 U	2 U	2 U
1,2-Dibromoethane	0.0006	1 U	1 U	1 U	4 U	1 U	2 U	1 U	1 U
1,2-Dichlorobenzene	3	1 U	1 U	1 U	4 U	1 U	2 U	1 U	1 U
1,2-Dichloroethane	0.6	1 U	1 U	1 U	4 U	1 U	2 U	1 U	1 U
1,2-Dichloropropane	1	1 U	1 U	1 U	4 U	1 U	2 U	1 U	1 U
1,3-Dichlorobenzene	3	1 U	1 U	1 U	4 U	1 U	2 U	1 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U	1 U	4 U	1 U	2 U	1 U	1 U
2-Butanone (MEK)	50	10 U	10 U	10 U	40 U	10 U	20 U	10 U	10 U
2-Hexanone	50	5 U	5 U	5 U	20 U	5 U	10 U	5 U	5 U
4-Methyl-2-pentanone(MIBK)	-	5 U	5 U	5 U	20 U	5 U	10 U	5 U	5 U
Acetone	50	10 U	10 U	10 U	40 U	10 U	20 U	10 U	10 U
Benzene	1	0.5 U	0.5 U	0.5 U	2 U	0.5 U	1 U	0.5 U	0.5 U
Bromochloromethane	5	1 U	1 U	1 U	4 U	1 U	2 U	1 U	1 U
Bromodichloromethane	50	1 U	1 U	1 U	4 U	1 U	2 U	1 U	1 U
Bromoform	50	1 U	1 U	1 U	4 U	1 U	2 U	1 U	1 U
Bromomethane	5	2 U	2 U	2 U	8 U	2 U	4 U	2 U	2 U
Carbon disulfide	-	2 U	2 U	2 U	8 U	2 U	4 U	2 U	2 U
Carbon tetrachloride	5	1 U	1 U	1 U	4 U	1 U	2 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	1 U	4 U	1 U	2 U	1 U	1 U
Chloroethane	5	1 U	1 U	1 U	4 U	1 U	2 U	1 U	1 U
Chloroform	7	1 U	1 U	1 U	4 U	1 U	2 U	1 U	1 U
Chloromethane	5	1 U	1 U	1 U	4 U	1 U	2 U	1 U	1 U
cis-1,2-Dichloroethene	5	**1.9**	**1.8**	1 U	**776** J	**135**	**230**	**382**	1 U
cis-1,3-Dichloropropene	0.4*	1 U	1 U	1 U	4 U	1 U	2 U	1 U	1 U
Cyclohexane	-	5 U	5 U	**1.9 J**	20 U	5 U	10 U	5 U	5 U
Dibromochloromethane	50	1 U	1 U	1 U	4 U	1 U	2 U	1 U	1 U
Dichlorodifluoromethane	5	2 U	2 U	2 U	8 U	2 U	4 U	2 U	2 U
Ethylbenzene	5	1 U	1 U	1 U	4 U	1 U	2 U	1 U	1 U
Freon 113	5	5 U	5 U	5 U	20 U	5 U	10 U	5 U	5 U
Isopropylbenzene	5	1 U	1 U	**3.5**	4 U	1 U	2 U	1 U	1 U
m,p-Xylene	5	1 U	1 U	1 U	4 U	1 U	2 U	1 U	1 U
Methyl Acetate	-	5 U	5 U	5 U	20 U	5 U	10 U	5 U	5 U
Methyl Tert Butyl Ether	10	1 U	1 U	1 U	4 U	1 U	2 U	1 U	1 U
Methylcyclohexane	-	5 U	5 U	**6.5**	20 U	5 U	10 U	5 U	5 U
Methylene chloride	5	2 U	2 U	2 U	8 U	2 U	4 U	2 U	2 U
o-Xylene	5	1 U	1 U	1 U	4 U	1 U	2 U	1 U	1 U
Styrene	5	1 U	1 U	1 U	4 U	1 U	2 U	1 U	1 U
Tetrachloroethene	5	1 U	1 U	1 U	**1,460**	**152**	**881**	**260**	1 U
Toluene	5	1 U	1 U	1 U	4 U	1 U	2 U	1 U	1 U
trans-1,2-Dichloroethene	5	1 U	1 U	1 U	**6.9**	**1**	**1.2 J**	**1.6**	1 U
trans-1,3-Dichloropropene	0.4*	1 U	1 U	1 U	4 U	1 U	2 U	1 U	1 U
Trichloroethene	5	1 U	1 U	1 U	**331** J	**45.7**	**212**	**213**	1 U
Trichlorofluoromethane	5	2 U	2 U	2 U	8 U	2 U	4 U	2 U	2 U
Vinyl chloride	2	1 UJ	1 UJ	1 UJ	**35.1**	**2**	**1.9**	**12.7**	1 UJ
Xylene (total)	5	1 U	1 U	1 U	4 U	1 U	2 U	1 U	1 U
Total VOCs	-	**2**	**2**	**12**	**2,609**	**336**	**1,326**	**871**	**-**

Notes:
(1) - duplicate of sample MW2.
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 4: 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				MW2			
CVOC	**AWQS**	11/17/2011	10/18/2013	3/26/2014	10/29/2014	11/17/2011	10/18/2013	3/26/2014	10/29/2014
1,1-Dichloroethene	5	ND	**2**	ND	ND	ND	< 1	< 1	**0.32**
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	< 1	< 1	< 1
Chlorobenzene	5	ND	ND	ND	ND	ND	< 1	< 5	< 5
Chloroform	7	ND	ND	ND	ND	ND	< 1	< 5	< 5
Chloromethane	5	ND	ND	ND	ND	ND	< 1	< 5	< 5
cis-1,2-Dichloroethene	5	**5.3**	**1,100**	**8.3**	**7.8**	ND	**130**	**18**	**110**
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND	< 1	< 1	< 1
Tetrachloroethene	5	ND	**250**	ND	**1.1**	ND	**3.9**	**1.3**	**0.56**
trans-1,2-Dichloroethene	5	ND	**4.7**	ND	ND	ND	**2.4**	< 5	**1.9**
Trichloroethene	5	ND	**340**	**3.2**	**1.2**	ND	**7.6**	< 1	**1.3**
Vinyl Chloride	2	ND	**59**	**1.2**	**0.46**	ND	**13**	**7.6**	**42**

	NYSDEC	MW2							
CVOC	**AWQS**	6/3/2016	10/27/2016	11/30/2016	12/30/2016	6/29/2017	4/23/2018	1/10/2019	7/31/2019
1,1-Dichloroethene	5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	3	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chlorobenzene	5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroform	7	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane	5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,2-Dichloroethene	5	**3.2**	**7.5**	**2**	**1.4**	**8**	**2.9**	**3.6**	**5.5**
Dichlorodifluoromethane	5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	5	**0.71**	**0.76**	**0.58**	**1**	**0.5**	**0.41**	< 1	< 1
trans-1,2-Dichloroethene	5	< 5	< 5	< 5	< 5	**0.28**	< 5	< 5	**0.36**
Trichloroethene	5	**0.51**	**1**	**0.46**	**0.5**	**0.81**	**0.35**	**0.27**	< 1
Vinyl Chloride	2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.86**

	NYSDEC	MW2	MW3			MW4		MW5	MW6
CVOC	**AWQS**	1/31/2020	11/17/11	3/26/14	10/29/14	11/17/11	10/29/14	11/17/11	11/17/11
1,1-Dichloroethene	5	< 1	ND	< 1	< 1	ND	< 1	ND	ND
1,2-Dichlorobenzene	3	< 1	ND	< 1	< 1	ND	< 1	ND	ND
Chlorobenzene	5	< 1	ND	< 1	< 5	ND	< 1	ND	ND
Chloroform	7	< 1	ND	< 5	< 5	ND	< 1	ND	ND
Chloromethane	5	< 1	ND	< 5	< 5	ND	< 1	ND	ND
cis-1,2-Dichloroethene	5	**1.9**	ND	< 1	< 1	ND	< 1	ND	ND
Dichlorodifluoromethane	5	< 2	ND	< 1	< 1	ND	< 2	ND	ND
Tetrachloroethene	5	< 1	ND	< 1	< 1	ND	< 1	ND	ND
trans-1,2-Dichloroethene	5	< 1	ND	< 5	< 5	ND	< 1	ND	ND
Trichloroethene	5	< 1	ND	< 1	< 1	ND	< 1	ND	ND
Vinyl Chloride	2	< 1	ND	< 1	< 1	ND	< 1	ND	ND

	NYSDEC	MW6	MW7		MW8		MW9		
CVOC	**AWQS**	10/29/14	11/17/11	10/29/14	11/17/11	10/29/14	10/18/13	10/29/14	1/31/2020
1,1-Dichloroethene	5	< 1	ND	< 1	ND	< 1	< 2	< 1	< 1
1,2-Dichlorobenzene	3	**0.16**	ND	< 1	ND	< 1	< 2	< 1	< 1
Chlorobenzene	5	**0.41**	**0.55**	< 1	ND	< 1	< 2	< 5	< 1
Chloroform	7	< 1	ND	< 1	ND	< 5	< 2	< 5	< 1
Chloromethane	5	< 1	ND	< 1	ND	**0.49**	< 2	< 5	< 1
cis-1,2-Dichloroethene	5	< 1	ND	< 1	ND	< 1	< 2	< 1	< 1
Dichlorodifluoromethane	5	< 2	ND	< 2	ND	< 1	< 2	< 1	< 2
Tetrachloroethene	5	< 1	ND	< 1	ND	< 1	< 2	< 1	< 1
trans-1,2-Dichloroethene	5	< 1	ND	< 1	ND	< 5	< 2	< 5	< 1
Trichloroethene	5	< 1	ND	< 1	ND	< 1	< 2	< 1	< 1
Vinyl Chloride	2	< 1	ND	< 1	ND	< 1	< 2	< 1	< 1

	NYSDEC	MW10		MW11					
CVOC	**AWQS**	10/18/13	10/29/14	10/18/2013	3/26/2014	10/29/2014	6/3/2016	10/27/2016	11/30/2016
1,1-Dichloroethene	5	< 1	< 1	**9.4**	**3.3**	< 20	**0.74**	**6.1**	**4.5**
1,2-Dichlorobenzene	3	< 1	< 1	< 5	< 1	< 20	< 1	< 1	< 4.7
Chlorobenzene	5	< 1	**0.25**	< 5	< 5	< 100	< 5	< 5	< 5
Chloroform	7	< 1	< 1	< 5	< 5	< 100	< 5	< 5	< 7.
Chloromethane	5	< 1	**0.28**	< 5	< 5	< 100	< 5	< 5	< 5
cis-1,2-Dichloroethene	5	< 1	< 1	**2,500**	**880**	**690**	**270**	**2,200**	**2,500**
Dichlorodifluoromethane	5	< 1	< 1	< 5	< 1	< 20	< 1	< 1	< 5
Tetrachloroethene	5	< 1	< 1	**4,300**	**15,000**	**4,400**	**1,400**	**13**	**5.4**
trans-1,2-Dichloroethene	5	< 5	< 5	**28**	**16**	**7.2**	**3.6**	**26**	**33**
Trichloroethene	5	< 1	< 1	**2,700**	**1,500**	**770**	**280**	**10**	**3**
Vinyl Chloride	2	< 1	< 1	**130**	**30**	**22**	**2.5**	**31**	**210**

Table 4: 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	MW11						MW12	
CVOC	**AWQS**	12/30/2016	6/29/2017	4/23/2018	1/10/2019	7/31/2019	1/31/2020	10/18/2013	3/26/2014
1,1-Dichloroethene	5	**4.9**	**3.1**	< 5	**2.3**	**1.1**	< 4	< 2	< 1
1,2-Dichlorobenzene	3	< 4.7	< 4.7	< 5	< 5	< 1	< 4	< 2	< 1
Chlorobenzene	5	< 5	< 5	< 5	< 25	< 5	< 4	< 2	< 5
Chloroform	7	< 7.	< 7.	< 7.	< 25	< 5	< 4	< 2	< 5
Chloromethane	5	< 5	< 5	< 5	< 25	< 5	< 4	< 2	< 5
cis-1,2-Dichloroethene	5	**2,500**	**1,700**	**1,000**	**850**	**330**	**776**	**170**	**87**
Dichlorodifluoromethane	5	< 5	< 5	< 5	< 5	**1.2**	< 8	< 2	< 1
Tetrachloroethene	5	**82**	**6,100**	**7,000**	**660**	**1,500**	**1,460**	**450**	**340**
trans-1,2-Dichloroethene	5	**38**	**56**	**9.6**	**8.1**	**3.7**	**6.9**	< 2	< 5
Trichloroethene	5	**23**	**1,600**	**1,000**	**210**	**350**	**331**	**45**	**35**
Vinyl Chloride	2	**880**	**120**	**27**	**58**	**23**	**35.1**	< 2	**3.8**

	NYSDEC	MW12							
CVOC	**AWQS**	10/29/2014	6/3/2016	10/27/2016	11/30/2016	12/30/2016	6/29/2017	4/23/2018	1/10/2019
1,1-Dichloroethene	5	< 5	**0.49**	**1.7**	< 5	**0.42**	< 1	**0.97**	**2.3**
1,2-Dichlorobenzene	3	< 5	< 1	< 1	< 4.7	< 1	< 1	< 1	< 5
Chlorobenzene	5	< 25	< 5	< 5	< 5	< 5	< 5	< 5	< 25
Chloroform	7	< 25	< 5	**0.81**	< 7.	< 5	< 5	**2.3**	**2**
Chloromethane	5	< 25	< 5	< 5	< 5	< 5	< 5	< 5	< 25
cis-1,2-Dichloroethene	5	**78**	**140**	**480**	**130**	**82**	**36**	**270**	**1,100**
Dichlorodifluoromethane	5	< 5	< 1	< 1	< 5	< 1	< 1	< 1	< 5
Tetrachloroethene	5	**190**	**120**	**2,300**	**1,400**	**270**	**110**	**1,300**	**1,200**
trans-1,2-Dichloroethene	5	< 25	**2.1**	**4.5**	< 5	**1.3**	**0.59**	**2.5**	**6.8**
Trichloroethene	5	**26**	**44**	**260**	**98**	**53**	**18**	**270**	**510**
Vinyl Chloride	2	**5.2**	**11**	**18**	**5.9**	**5.1**	**1.7**	**5.9**	**89**

	NYSDEC	MW12		MW13					MW14
CVOC	**AWQS**	7/31/2019	1/31/2020	10/18/2013	3/26/2014	10/29/2014	7/31/2019	1/31/2020	10/18/2013
1,1-Dichloroethene	5	**0.8**	< 1	ND	ND	ND	**0.5**	< 2	ND
1,2-Dichlorobenzene	3	< 1	< 1	ND	ND	ND	< 1	< 2	ND
Chlorobenzene	5	< 5	< 1	ND	ND	ND	< 5	< 2	ND
Chloroform	7	**0.6**	< 1	ND	ND	ND	**0.4**	< 2	ND
Chloromethane	5	< 5	< 1	ND	ND	ND	< 5	< 2	ND
cis-1,2-Dichloroethene	5	**290**	**135**	**50**	**38**	**45**	**120**	**230**	**45**
Dichlorodifluoromethane	5	< 1	< 2	ND	ND	ND	< 1	< 4	ND
Tetrachloroethene	5	**430**	**152**	**430**	**600**	**330**	**500**	**881**	**350**
trans-1,2-Dichloroethene	5	**2.6**	**1**	ND	ND	ND	**0.74**	**1.2**	ND
Trichloroethene	5	**110**	**45.7**	**28**	**30**	**23**	**110**	**212**	**30**
Vinyl Chloride	2	**120**	2	**1.2**	**1.6**	**4.3**	**6.3**	**1.9**	**1.1**

	NYSDEC	MW14			
CVOC	**AWQS**	3/26/2014	10/29/2014	8/13/2019	1/31/2020
1,1-Dichloroethene	5	ND	ND	**1.3**	**1.2**
1,2-Dichlorobenzene	3	ND	ND	< 1	< 1
Chlorobenzene	5	ND	ND	< 1	< 1
Chloroform	7	ND	ND	< 1	< 1
Chloromethane	5	ND	ND	**2.7**	< 1
cis-1,2-Dichloroethene	5	**40**	**1,300**	**170**	**382**
Dichlorodifluoromethane	5	ND	ND	< 1	< 2
Tetrachloroethene	5	**530**	**670**	**400**	**260**
trans-1,2-Dichloroethene	5	ND	**6.6**	**1.4**	**1.6**
Trichloroethene	5	**29**	**350**	**250**	**213**
Vinyl Chloride	2	**1**	**70**	**6.7**	**12.7**

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.

Attachment 1

Data Usability Summary Report

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
DARBY DRUG COMPANY, INC., JERICHO, NEW YORK

Client: EnviroTrac Ltd., Yaphank, New York
SDG: JD2653
Laboratory: Phoenix Environmental Laboratories, Inc., Manchester, Connecticut
Site: Darby Drug Company, Inc., Jericho, New York
Date: February 15, 2020

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	MW2-20200131	JD2653-1	Water
1MS	MW2-20200131MS	JD2653-1MS	Water
1MSD	MW2-20200131MSD	JD2653-1MSD	Water
2	MW9-20200131	JD2653-2	Water
3	MW11-20200131	JD2653-3	Water
3MS	MW11-20200131MS	JD2653-3MS	Water
3MSD	MW11-20200131MSD	JD2653-3MSD	Water
4	MW12-20200131	JD2653-4	Water
5	MW13-20200131	JD2653-5	Water
6	MW14-20200131	JD2653-6	Water
7	DUP-20200131	JD2653-7	Water
8	TB-20200131	JD2653-8	Water

A Data Usability Summary Review was performed on the analytical data for seven water samples and one aqueous trip blank sample collected on January 31, 2020 by EnviroTrac at the Darby Drug Company, Inc. site in Jericho, 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 8260C

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods 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.

Overall 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 %R values.

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
1	Methyl acetate	OK/OK/17	None for RPD alone
3	cis-1,2-Dichloroethene	26%/42%/OK	J
	Tetrachloroethene	-55%/-45%/OK	None - 4X Rule Applies
	Trichloroethene	50%/53%/OK	J

Laboratory Control Samples (LCS)

- The LCS samples exhibited acceptable percent recoveries (%R).

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TB-20200131	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) criteria and/or RRF values 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
02/04/20 (1535)	Vinyl chloride	26.8%	UJ	1, 2, 7, 8

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	MW2-20200131 ug/L	DUP-20200131 ug/L	RPD	Qualifier
cis-1,2-Dichloroethene	1.9	1.8	5%	None

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 2/17/20

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.

Raw Data: 2V65191.D

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW2-20200131		
Lab Sample ID:	JD2653-1	Date Sampled:	01/31/20
Matrix:	AQ - Ground Water	Date Received:	02/03/20
Method:	SW846 8260C	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	2V65191.D	1	02/04/20 17:45	EH	n/a	n/a	V2V2692
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	6.0	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	0.58	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	0.95	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	1.2	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	1.4	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	1.9	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	ND	5.0	1.9	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

MT 2/15/20

Report of Analysis

Client Sample ID:	MW2-20200131		
Lab Sample ID:	JD2653-1	Date Sampled:	01/31/20
Matrix:	AQ - Ground Water	Date Received:	02/03/20
Method:	SW846 8260C	Percent Solids:	n/a
Project:	Darby Drugs, 80 Banks Avenue, Rockville Centre, NY		

4.1.4

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	0.70	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	0.84	ug/l	
75-01-4	Vinyl chloride	ND U5	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	98%		81-124%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	99%		80-120%

(a) Associated CCV outside of control limits low.
(b) Associated CCV outside of control limits high, 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

MT 2/15/20

Raw Data: 2V65196.D

2

SGS North America Inc.

Report of Analysis

4.2.4

Client Sample ID:	MW9-20200131		
Lab Sample ID:	JD2653-2	Date Sampled:	01/31/20
Matrix:	AQ - Ground Water	Date Received:	02/03/20
Method:	SW846 8260C	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	2V65196.D	1	02/04/20 19:54	EH	n/a	n/a	V2V2692
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	6.0	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	0.58	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	0.95	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	1.9	5.0	0.78	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	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	1.4	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	ND	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	ND	5.0	1.9	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

MT 2/15/20

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW9-20200131		
Lab Sample ID:	JD2653-2	Date Sampled:	01/31/20
Matrix:	AQ - Ground Water	Date Received:	02/03/20
Method:	SW846 8260C	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	3.5	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	6.5	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	0.70	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	0.84	ug/l	
75-01-4	Vinyl chloride	ND U5	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	100%		81-124%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	102%		80-120%

(a) Associated CCV outside of control limits low.
(b) Associated CCV outside of control limits high, 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

MT 2/15/20

Raw Data: 2A200513.D 2V65197.D

3

SGS North America Inc.

Report of Analysis

4.3 4

Client Sample ID:	MW11-20200131		
Lab Sample ID:	JD2653-3	Date Sampled:	01/31/20
Matrix:	AQ - Ground Water	Date Received:	02/03/20
Method:	SW846 8260C	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 [a]	2A200513.D	4	02/06/20 13:42	EH	n/a	n/a	V2A8674
Run #2	2V65197.D	10	02/04/20 20:20	EH	n/a	n/a	V2V2692

	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	40	24	ug/l	
71-43-2	Benzene	ND	2.0	1.7	ug/l	
74-97-5	Bromochloromethane	ND	4.0	1.9	ug/l	
75-27-4	Bromodichloromethane	ND	4.0	2.3	ug/l	
75-25-2	Bromoform	ND	4.0	2.5	ug/l	
74-83-9	Bromomethane	ND	8.0	6.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	40	27	ug/l	
75-15-0	Carbon disulfide	ND	8.0	3.8	ug/l	
56-23-5	Carbon tetrachloride	ND	4.0	2.2	ug/l	
108-90-7	Chlorobenzene	ND	4.0	2.2	ug/l	
75-00-3	Chloroethane	ND	4.0	2.9	ug/l	
67-66-3	Chloroform	ND	4.0	2.0	ug/l	
74-87-3	Chloromethane	ND	4.0	3.0	ug/l	
110-82-7	Cyclohexane	ND	20	3.1	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	8.0	4.8	ug/l	
124-48-1	Dibromochloromethane	ND	4.0	2.2	ug/l	
106-93-4	1,2-Dibromoethane	ND	4.0	1.9	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.0	2.1	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.0	2.2	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.0	2.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	8.0	5.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	4.0	2.3	ug/l	
107-06-2	1,2-Dichloroethane	ND	4.0	2.4	ug/l	
75-35-4	1,1-Dichloroethene	ND	4.0	2.4	ug/l	
156-59-2	cis-1,2-Dichloroethene	776 J	4.0	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	6.9	4.0	2.1	ug/l	
78-87-5	1,2-Dichloropropane	ND	4.0	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	4.0	1.9	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	4.0	1.7	ug/l	
100-41-4	Ethylbenzene	ND	4.0	2.4	ug/l	
76-13-1	Freon 113	ND	20	7.8	ug/l	
591-78-6	2-Hexanone	ND	20	8.1	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

MT 2/5/20

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW11-20200131		
Lab Sample ID:	JD2653-3	Date Sampled:	01/31/20
Matrix:	AQ - Ground Water	Date Received:	02/03/20
Method:	SW846 8260C	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	4.0	2.6	ug/l	
79-20-9	Methyl Acetate	ND	20	3.2	ug/l	
108-87-2	Methylcyclohexane	ND	20	2.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	20	7.4	ug/l	
75-09-2	Methylene chloride	ND	8.0	4.0	ug/l	
100-42-5	Styrene	ND	4.0	2.8	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.0	2.6	ug/l	
127-18-4	Tetrachloroethene	1460	10	9.0	ug/l	
108-88-3	Toluene	ND	4.0	2.1	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	4.0	2.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.0	2.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	4.0	2.1	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	4.0	2.1	ug/l	
79-01-6	Trichloroethene	331	4.0	2.1	ug/l	
75-69-4	Trichlorofluoromethane	ND	8.0	3.3	ug/l	
75-01-4	Vinyl chloride	35.1	4.0	3.1	ug/l	
	m,p-Xylene	ND	4.0	3.1	ug/l	
95-47-6	o-Xylene	ND	4.0	2.4	ug/l	
1330-20-7	Xylene (total)	ND	4.0	2.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%	104%	80-120%
17060-07-0	1,2-Dichloroethane-D4	103%	99%	81-124%
2037-26-5	Toluene-D8	100%	101%	80-120%
460-00-4	4-Bromofluorobenzene	100%	99%	80-120%

(a) Diluted due to high concentration of target compound.
(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

MT 2/15/20

4

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW12-20200131		
Lab Sample ID:	JD2653-4	Date Sampled:	01/31/20
Matrix:	AQ - Ground Water	Date Received:	02/03/20
Method:	SW846 8260C	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	2A200515.D	1	02/06/20 14:38	EH	n/a	n/a	V2A8674
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	6.0	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	0.58	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	0.95	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	1.2	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	1.4	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	135	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	1.0	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	1.9	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

MT 2/5/20

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW12-20200131		
Lab Sample ID:	JD2653-4	Date Sampled:	01/31/20
Matrix:	AQ - Ground Water	Date Received:	02/03/20
Method:	SW846 8260C	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	0.70	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	152	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	45.7	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
75-01-4	Vinyl chloride	2.0	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	102%		81-124%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	99%		80-120%

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

MT 2/15/20

Raw Data: 2A200514.D 2V65199.D

5

SGS North America Inc.

Report of Analysis

4.5 4

Client Sample ID:	MW13-20200131		
Lab Sample ID:	JD2653-5	Date Sampled:	01/31/20
Matrix:	AQ - Ground Water	Date Received:	02/03/20
Method:	SW846 8260C	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 [a]	2A200514.D	2	02/06/20 14:10	EH	n/a	n/a	V2A8674
Run #2	2V65199.D	10	02/04/20 21:11	EH	n/a	n/a	V2V2692

	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	20	12	ug/l	
71-43-2	Benzene	ND	1.0	0.85	ug/l	
74-97-5	Bromochloromethane	ND	2.0	0.96	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	1.2	ug/l	
75-25-2	Bromoform	ND	2.0	1.3	ug/l	
74-83-9	Bromomethane	ND	4.0	3.3	ug/l	
78-93-3	2-Butanone (MEK)	ND	20	14	ug/l	
75-15-0	Carbon disulfide	ND	4.0	1.9	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	1.1	ug/l	
108-90-7	Chlorobenzene	ND	2.0	1.1	ug/l	
75-00-3	Chloroethane	ND	2.0	1.5	ug/l	
67-66-3	Chloroform	ND	2.0	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	1.5	ug/l	
110-82-7	Cyclohexane	ND	10	1.6	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.0	2.4	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	1.1	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.95	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	2.0	1.1	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	2.0	1.1	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	2.0	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	4.0	2.7	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	1.1	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	1.2	ug/l	
75-35-4	1,1-Dichloroethene	ND	2.0	1.2	ug/l	
156-59-2	cis-1,2-Dichloroethene	230	2.0	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	1.2	2.0	1.1	ug/l	J
78-87-5	1,2-Dichloropropane	ND	2.0	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.94	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.86	ug/l	
100-41-4	Ethylbenzene	ND	2.0	1.2	ug/l	
76-13-1	Freon 113	ND	10	3.9	ug/l	
591-78-6	2-Hexanone	ND	10	4.1	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

MT 2/15/20

5

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW13-20200131		
Lab Sample ID:	JD2653-5	Date Sampled:	01/31/20
Matrix:	AQ - Ground Water	Date Received:	02/03/20
Method:	SW846 8260C	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	ND	2.0	1.3	ug/l	
79-20-9	Methyl Acetate	ND	10	1.6	ug/l	
108-87-2	Methylcyclohexane	ND	10	1.2	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	2.0	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	10	3.7	ug/l	
75-09-2	Methylene chloride	ND	4.0	2.0	ug/l	
100-42-5	Styrene	ND	2.0	1.4	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	1.3	ug/l	
127-18-4	Tetrachloroethene	881	10	9.0	ug/l	
108-88-3	Toluene	ND	2.0	1.1	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	1.1	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	1.1	ug/l	
79-01-6	Trichloroethene	212	2.0	1.1	ug/l	
75-69-4	Trichlorofluoromethane	ND	4.0	1.7	ug/l	
75-01-4	Vinyl chloride	1.9	2.0	1.6	ug/l	J
	m,p-Xylene	ND	2.0	1.6	ug/l	
95-47-6	o-Xylene	ND	2.0	1.2	ug/l	
1330-20-7	Xylene (total)	ND	2.0	1.2	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%	105%	80-120%
17060-07-0	1,2-Dichloroethane-D4	104%	101%	81-124%
2037-26-5	Toluene-D8	99%	100%	80-120%
460-00-4	4-Bromofluorobenzene	100%	98%	80-120%

(a) Diluted due to high concentration of target compound.
(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

MT 2/5/20

Raw Data: 2A200517.D 2V65194.D

6

SGS North America Inc.

Report of Analysis

4.6 4

Client Sample ID:	MW14-20200131		
Lab Sample ID:	JD2653-6	Date Sampled:	01/31/20
Matrix:	AQ - Ground Water	Date Received:	02/03/20
Method:	SW846 8260C	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 [a]	2A200517.D	1	02/06/20 15:35	EH	n/a	n/a	V2A8674
Run #2 [a]	2V65194.D	10	02/04/20 19:02	EH	n/a	n/a	V2V2692

	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	6.0	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	0.58	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	0.95	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	1.2	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	1.4	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	1.2	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	382	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	1.9	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

MJ 2/15/20

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW14-20200131		
Lab Sample ID:	JD2653-6	Date Sampled:	01/31/20
Matrix:	AQ - Ground Water	Date Received:	02/03/20
Method:	SW846 8260C	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	0.70	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	260	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	213	10	5.3	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
75-01-4	Vinyl chloride	12.7	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%	103%	80-120%
17060-07-0	1,2-Dichloroethane-D4	103%	97%	81-124%
2037-26-5	Toluene-D8	100%	101%	80-120%
460-00-4	4-Bromofluorobenzene	101%	100%	80-120%

(a) (pH=5)Sample pH did not satisfy field preservation criteria.
(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

MT 2/15/20

Raw Data: 2V65200.D

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SGS North America Inc.

Report of Analysis

4.7 4

Client Sample ID:	DUP-20200131		
Lab Sample ID:	JD2653-7	Date Sampled:	01/31/20
Matrix:	AQ - Ground Water	Date Received:	02/03/20
Method:	SW846 8260C	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	2V65200.D	1	02/04/20 21:37	EH	n/a	n/a	V2V2692
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	6.0	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	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane [a]	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	0.95	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	1.2	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	1.4	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	1.8	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	ND	5.0	1.9	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

MT 2/15/20

SGS North America Inc.

Report of Analysis

Client Sample ID:	DUP-20200131		
Lab Sample ID:	JD2653-7	Date Sampled:	01/31/20
Matrix:	AQ - Ground Water	Date Received:	02/03/20
Method:	SW846 8260C	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	0.70	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	0.84	ug/l	
75-01-4	Vinyl chloride	ND U5	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	102%		81-124%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	98%		80-120%

(a) Associated CCV outside of control limits low.
(b) Associated CCV outside of control limits high, 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

MT 2/15/20

Raw Data: 2V65195.D

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SGS North America Inc.

Report of Analysis

4.8 4

Client Sample ID:	TB-20200131		
Lab Sample ID:	JD2653-8	Date Sampled:	01/31/20
Matrix:	AQ - Trip Blank Water	Date Received:	02/03/20
Method:	SW846 8260C	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	2V65195.D	1	02/04/20 19:28	EH	n/a	n/a	V2V2692
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	6.0	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	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane [a]	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	0.95	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	1.2	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	1.4	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	ND	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	ND	5.0	1.9	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

MT 2/15/20

8

SGS North America Inc.

Report of Analysis

Client Sample ID:	TB-20200131		
Lab Sample ID:	JD2653-8	Date Sampled:	01/31/20
Matrix:	AQ - Trip Blank Water	Date Received:	02/03/20
Method:	SW846 8260C	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	0.70	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	0.84	ug/l	
75-01-4	Vinyl chloride	ND U3	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	97%		81-124%
2037-26-5	Toluene-D8	89%		80-120%
460-00-4	4-Bromofluorobenzene	98%		80-120%

(a) Associated CCV outside of control limits low.
(b) Associated CCV outside of control limits high, 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

MT 2/15/20