

Memorandum

To	George Momberger, NYSDEC	Page	1 of 2
CC			
Subject	Bedford Village Wells – Hunting Ridge Mall Groundwater Results, Sept. and Dec. 2022		
From	John Santacroce, AECOM		
Date	January 4, 2022		

Introduction

On September 22nd and December 19th, 2022 AECOM personnel conducted annual groundwater sampling events at the Bedford Village Wells Site (Site #3-60-009) under Work Assignment D009803-30. The sampling events were part of the post remedial action monitoring following the injection of sodium permanganate in November and December 2012, and the supplemental injection conducted in January 2015. These monitoring events were the 18th and 19th sampling events since the 2012 injections. The previous sampling event was conducted in June 2022. These monitoring events were also the fifth and sixth of the planned eight quarter sampling schedule for this work assignment. The Site location is shown on **Figure 1**.

Groundwater samples were taken from a total of eight monitoring wells (MW-3MR, MW-5M, MW-6M, MW-12, MW-14, MW-15, MW-16, and MW-17) including on-Site and off-Site locations. A Site map showing these and other well locations is included as **Figure 2**. The groundwater samples were collected with either a low flow peristaltic pump or a passive diffusion bag (PDB). The one exception to this is MW-12 which was sampled with a hand bailer during the December 2022 event. All six of the six wells where PDBs were deployed were retrieved during the September event and Five of the six were retrieved during the December event. The PDB deployed to MW-12 in the September event was not present during the December sampling event. MW-6S did not have enough water to deploy a PDB during either the September or December event and was dry the previous four monitoring events, therefore no samples were collected from it. The samples were sent under chain of custody to Con-test Laboratories for analysis of volatile organic compounds (VOCs). At the request of the NYSDEC, samples from two wells were analyzed for per- and polyfluoroalkyl substances (PFAS). While PFAS samples were collected during both sampling events the samples from the September event were not analyzed due to a preservative error by the lab. Samples from the December event were analyzed as normal.

Results

Groundwater results for VOCs are presented in the attached tables (**Table 1** through **Table 9**). Total CVOC concentration overtime for select monitoring wells is shown in **Figure 3**.

- The groundwater samples taken from MW-3MR had detections of Tetrachloroethene (PCE) at 22 µg/L for both September and December and cis-1,2-Dichloroethene at 5.3 µg/L again for both events. Both of these analytes are above the NYSDEC Ambient Groundwater Quality Standard (AGWQS) of 5 µg/L. Trichloroethene (TCE) was also detected in the sample from

MW-3MR below the AGWQS. Overall, the concentrations of these compounds have been stable since July 2019. These results represent a slight rebound since the last permanganate injection but show an overall decrease in long-term concentrations.

- The groundwater sample from MW-14 detected PCE at 4.3 and 4.7 µg/L for the September and December events. This is below the NYSDEC Ambient Groundwater Quality Standard (AGWQS) of 5 µg/L. No other compounds were detected above the laboratory reporting limit. This is consistent with post injection sampling events.
- The groundwater sample from MW-15 detected Acetone at 250 µg/L during the December event. This is above the NYSDEC Ambient Groundwater Quality Standard of 50 µg/L. This is the first detection of Acetone in MW-15 since April 2021.
- The groundwater sample taken from MW-16 had detections of Tetrachloroethene (PCE) at 21 µg/L in September which is above the NYSDEC Ambient Groundwater Quality Standard (AGWQS) of 5 µg/L. Cis-1,2-Dichloroethene and TCE were also detected below NYSDEC AGWQS at 1.1 and 1.2 µg/L respectively in September. Acetone was detected in MW-16 at 500 µg/L which is above the NYSDEC AGWQS of 50 µg/L.. These detections are consistent with historical concentrations with the exception of Acetone which is substantively higher in concentration than detected before..
No constituents were detected above the laboratory reporting limits in the groundwater sample collected from MW-17 during the September event. Acetone was detected above NYSDEC AGWQS of 50µg/L at 710µg/L during the December event. Acetone was last detected in MW-17 in August of 2021 and at lower concentrations. PCE was first detected in excess of the AGWQS in the sample collected in April 2014. Concentrations of PCE have decreased over time.
- There were no detections of VOCs above laboratory detection limits in the samples collected from the three downgradient sentinel wells including, MW-5M, MW-6M and MW-12 with the exception of Acetone. Acetone was detected in MW-5M at 380 µg/L in September and 400 µg/L in December. Acetone was detected in MW-6M at 80 µg/L in September and 370 µg/L in December. Acetone was detected in MW-12 at 62 µg/L in September. All these detections were above the NYSDEC AGWQS of 50 µg/L. PCE was also detected in MW-12 at 1.4 µg/L. This is below the NYSDEC AGWQS of 5 µg/L. This is consistent with historic groundwater results from these wells.
- MW-6S was not sampled because during the last event there was insufficient water to submerge the passive diffusion bag (PDB). These conditions were encountered again during this event and no PDB was deployed.

Select groundwater samples were analyzed for emerging contaminants during the December sampling event including PFAS. Samples for PFAS analysis were collected during the September event but due to a laboratory error could not be analyzed. The bottleware sent by the lab contained Trizma preservative used in the analysis for per and polyfluoroalkyl substances in drinking water but cannot be present for analysis of groundwater using EPA method 537.1. Once the presence of Trizma was verified in the samples the lab disposed of them without consulting AECOM. The lab has taken steps to ensure this error is not repeated. Three monitoring wells were selected that had previously displayed high chlorinated VOC concentrations including MW-3MR and MW-14. The PFAS results are presented in **Table 10**. Perfluorooctane sulfonic acid (PFOS) was detected above the NYSDEC PFAS Guidelines of 10 ng/L in MW-14 at 23 ng/L and at MW-3MR at 27 ng/L. Perfluorooctanoic acid (PFOA) was detected above the NYSDEC PFAS Guidelines of 10 ng/L in

W-3MR at 13 ng/L. Several other PFAS compounds, including Perfluorooctanoic acid (PFOA), were detected in the samples. The concentrations appear to be stable.

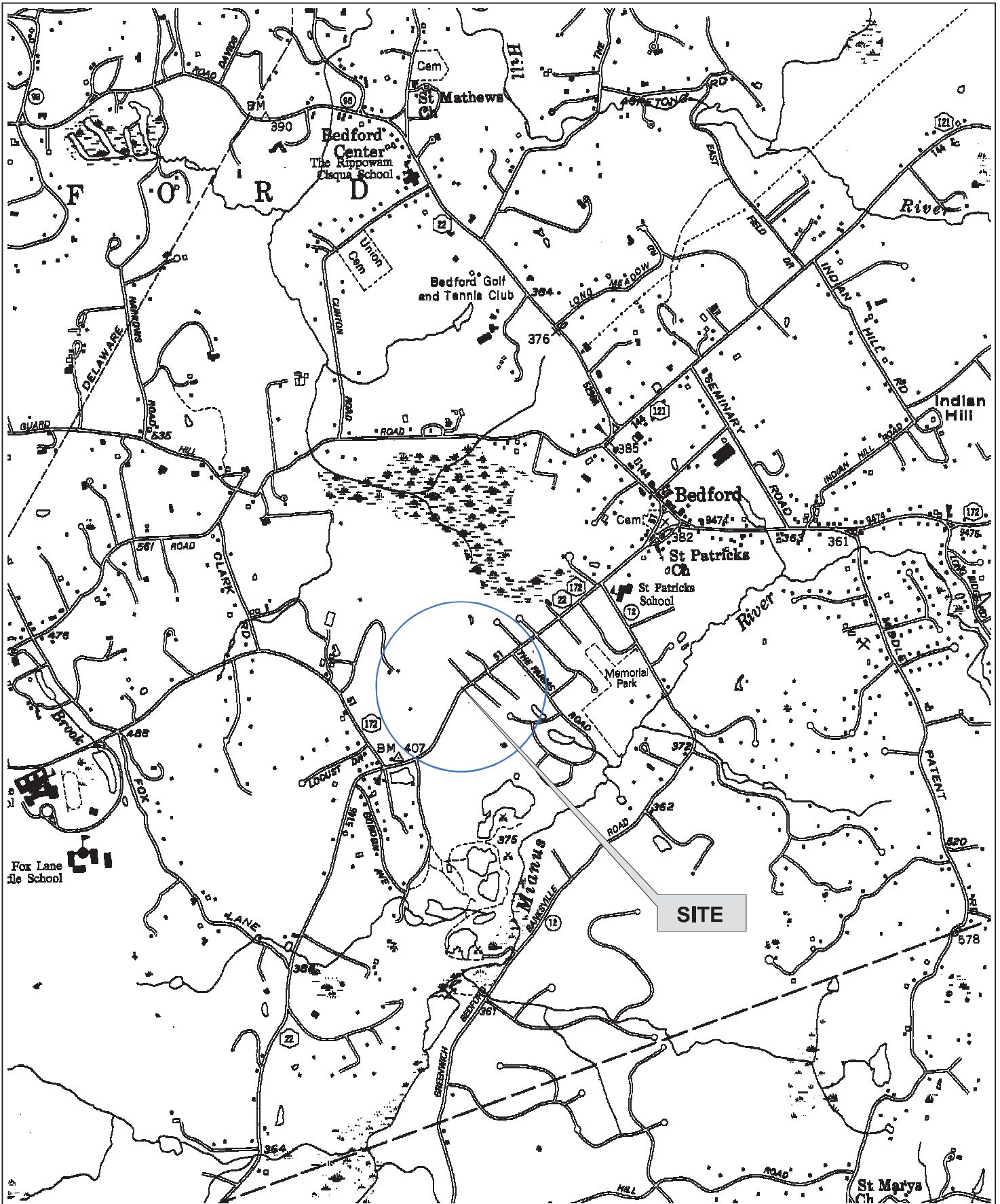
Conclusions and Recommendations

The permanganate injections have been effective at remediating dissolved VOCs in the groundwater at the Site. There is some rebound in PCE and cis-1,2-DCE concentrations at monitoring wells MW-3MR, PCE at MW-14, PCE and acetone at MW-16, and acetone at MW-6M above the AGWQS. In general, rebound concentrations are below pre-injection values. Concentrations of VOCs in the monitoring well (MW-14) closest to the source area have been below the AGWQS for everything, including PCE for the last two sampling events, suggesting that this area is close to being remediated to the extent practicable. There have been no VOCs detected above AGWQS in samples from two of the three downgradient wells on the Old Post Holdings LLC property (southwest of the site) since the initial permanganate injections. This suggests that the remaining plume is stable and not migrating away from the Site.

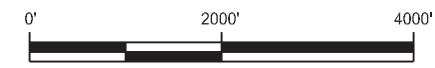
The emerging contaminants results indicate that there are PFAS concentrations in excess of the NYSDEC Guidance Values for these compounds in the groundwater at the Site.

The NYSDEC had recommended that the groundwater monitoring schedule be changed from quarterly to every fifth quarter. Under this schedule the next groundwater sampling event would be conducted in the first quarter of 2024.

Figures



MAP REFERENCE:
DOT 7.5 MINUTE QUADRANGLE, MOUNT KISCO SERIES



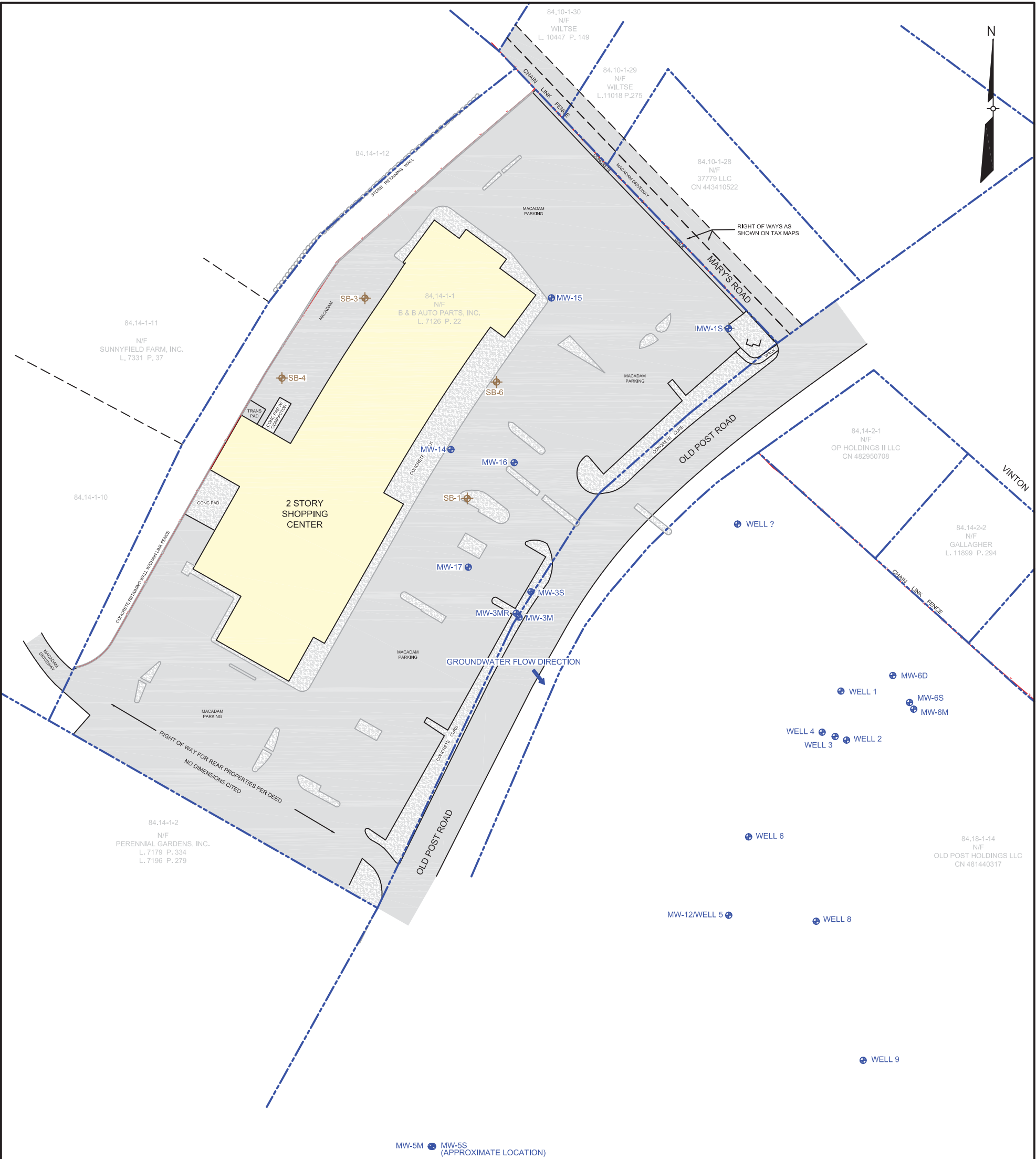
JANUARY 2010 SCALE 78829



AECOM

Figure 1 SITE LOCATION MAP

Bedford Village Wells
Hunting Ridge Mall Site
Bedford, New York



LEGEND:

- MW-16 MONITORING WELL LOCATION
- SB-2 SOIL BORING LOCATION
- PROPERTY BOUNDARY
- BUILDING
- PAVED AREA
- CONCRETE AREA

NOTE:

- MW-1S WAS REMOVED/ DESTROYED IN SPRING 2011. THIS WELL IS DECOMMISSIONED.

SOURCE:
SURVEY COMPLETED BY YEC, INC. DATE OF FIELD SURVEY JANUARY 12, 2009. PROPERTY LINES SHOWN ARE APPROXIMATE ONLY FROM TAX MAP INFORMATION AND ARE NOT CERTIFIED. PROPERTY OWNERS NAMES AND DEED REFERENCES FROM TOWN OF BEDFORD TAX ASSESSMENT ROLES.

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FIGURE 2
SITE FEATURES

BEDFORD VILLAGE HUNTING RIDGE MALL
NYSDEC SITE NO. 3-60-009

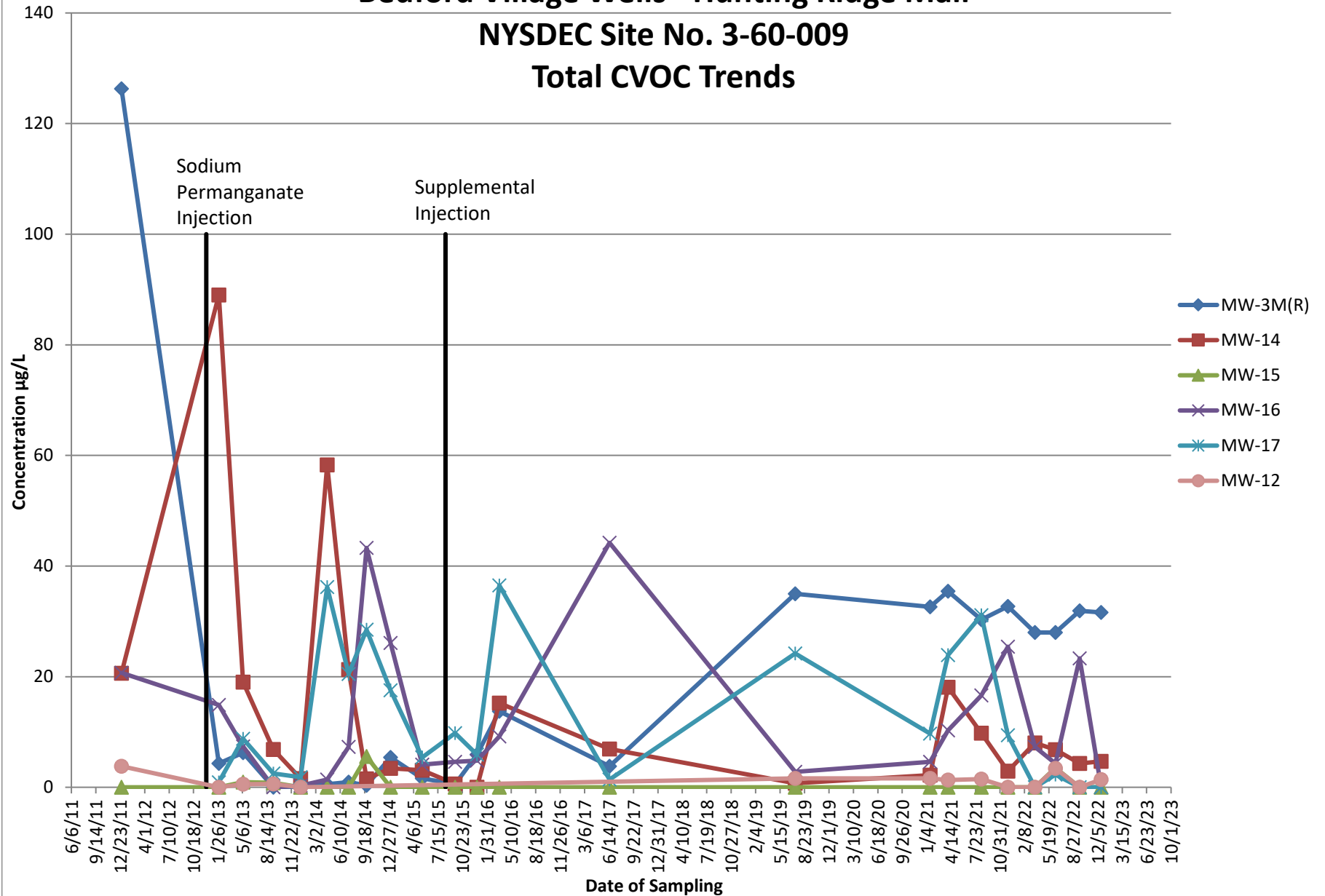
December 2022

60639092

Bedford Village Wells - Hunting Ridge Mall

NYSDEC Site No. 3-60-009

Total CVOC Trends



Tables

Table 1 - MW-3M(R) Groundwater Sampling Results
Bedford Village Wells - Hunting Ridge Mall
NYSDEC Site No. 3-60-009

Date of Sampling	NYSDEC AWQ S/GVs (µg/L)	12/28/11	1/29/13	5/9/13	9/10/13	12/30/13	4/18/14	7/14/14	9/26/14	12/15	5/12/15	9/23/15	12/22/15	3/22/16	6/16/17	7/17/19	1/18/21	4/1/21	8/16/21	12/2/21	3/24/22	6/15/22	9/22/22	12/19/22
Analyte																								
1,1,1-Trichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	50 (GV)	3.3 J	ND	3.2 J	ND	ND	ND	ND	ND	5.4 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50 (GV)	18	9.0 J	21	15	1,100	6.0 J	45	6.0 J	5.5 J	39	47	35	35	4.3 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	1	0.85 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.34 J	0.36 J	0.46 J	ND	ND	ND	ND	ND
Chloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5*	34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.5	5.7	6.1	5.5	4.8	5.2	4.8	5.3	5.3
cis-1,3-Dichloropropene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	NS	ND	ND	2.2	ND	ND	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	50 (GV)	ND	3.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl acetate		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5*	76	ND	ND	ND	0.56 J	0.93 J	0.93 J	0.76 J	ND	0.56 J	5.9	13	3.8	23	22	22	24	20	23	19	19	22	22
Toluene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5*	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.74 J	ND	5.5	4.6	5.0	4.3	4.9	3.8	4.2	4.6	4.3
Trichlorofluoromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total CVOCs (excluding acetone)		126.3	4.3	6.25	0	0	0.56	0.93	0.33	5.4	1.6	0.56	5.9	13.74	3.8	35	32.64	35.46	30.3	32.7	28.0	28.0	31.9	31.6

Notes:

Results are compared to the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality (AWQ) Standards and Guidance Values (S/GV) for detected analytes only.

* - The principal organic contaminant standard for groundwater of 5 micrograms per liter (µg/L) applies to this substance.

Bold values indicate those detected above method detection limits (MDLs).

Shaded cells indicate values above the NYS AWQ S/GV. Acetone is a common lab contaminant; those cells are not shaded for exceedances.

ND - The analyte was analyzed for, but not detected at or above the MDL.

J - The analyte was positively identified, the quantitation is an approximation.

NS - No standard exists

F - Analyte was positively identified above the MDL, however the concentration is below the reporting limit (RL).

** - LCS and/or LCSO is outside acceptance limits, high biased.

Table 2 - MW-14 Groundwater Sampling Results
Bedford Village Wells - Hunting Ridge Mall
NYSDEC Site No. 3-60-009

Date of Sampling	NYSDEC AWQ S/GVs (µg/L)	12/28/11	1/29/13	5/9/13	9/10/13	12/30/13	4/18/14	7/14/14	9/26/14	1/2/15	5/12/15	9/23/15	12/22/15	3/22/16	6/16/17	7/16/19	1/18/21	4/1/21	8/16/21	12/2/21	3/23/22	6/15/22	9/22/22	Duplicate - 9/22/22	12/19/22
Analyte																									
1,1,1-Trichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Dichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50 (GV)	5.4 J	13	6.8 J	11	950	5.5 J	44	4.2 J	17	150	45	33	23	4.0 J	ND	ND	ND	9.8 J	ND	ND	ND	ND	ND	ND
Benzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.58 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5*	5.4	31	2.5	ND	ND	11	2.7	ND	0.99 J	ND	ND	ND	4.6	1.6	ND	ND	3.0	ND	ND	1.9	1.2	ND	ND	ND
cis-1,3-Dichloropropene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl acetate		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5*	12	44	14	6	0.97 J	38	15	0.90 J	1.7	ND	ND	ND	7.8	4.2	0.74 J	2.2	13	ND	2.9	6.1	5.6	4.0	4.3	4.7
Toluene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5*	3.2	14	2.5	0.82 J	0.60 J	9.3	3.6	0.64 J	0.72 J	ND	ND	ND	2.8	1.1	ND	ND	2.1	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xlenes, Total		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs (excluding acetone)		20.6	89	19	6.82	1.57	58.3	21.3	1.54	3.41	3.1	0.58	0	15.2	6.9	0.74	2.2	18.1	0	2.9	8	6.8	4.0	4.3	4.7

Notes:

Results are compared to the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality (AWQ) Standards and Guidance Values (S/GV) for detected analytes only.

* - The principal organic contaminant standard for groundwater of 5 micrograms per liter (µg/L) applies to this substance.

Bold values indicate those detected above method detection limits (MDLs).

Shaded cells indicate values above the NYS AWQ S/GV. Acetone is a common lab contaminant; those cells are not shaded for exceedances.

ND - The analyte was analyzed for, but not detected at or above the MDL.

J - The analyte was positively identified, the quantitation is an approximation.

NS - No standard exists

*+ - LCS and/or LCSD is outside acceptance limits, high biased.

Table 3 - MW-15 Groundwater Sampling Results
Bedford Village Wells - Hunting Ridge Mall
NYSDEC Site No. 3-60-009

Date of Sampling	NYSDEC AWQ S/GVs (µg/L)	12/28/11	1/29/13	5/9/13	9/10/13	12/30/13	4/18/14	7/14/14	9/26/14	1/2/15	5/12/15	9/23/15	12/22/15	3/22/16	6/16/17	7/16/19	1/18/21	4/1/21	8/16/21	12/2/21	3/24/22	6/15/22	Duplicate - 6/15/22	9/22/22	12/19/22
Analyte																									
1,1,1-Trichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Dichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50 (GV)	5.7 J	8.9 J	8.3 J	12	990	4.9 J	43	6.1 J	7.6 J	37	27	30	61	ND	ND	4.6 J	23 **	ND	ND	ND	ND	ND	ND	250
Benzene	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.93 J	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	NS	ND	ND	0.43 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl acetate		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.0	3.0	ND	ND
Methyl tert-butyl ether		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyldichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethane	5*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.3	ND	ND	ND	ND	ND	ND	ND
Toluene		ND	ND	ND	0.80 J	ND	ND	ND	5.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5*	ND	ND	0.50 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.90 J	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total CVOCs (excluding acetone)		0	0	0.93	0.8	0	0	0	5.56	0	0	0	0	0	0	0	0	0	9.13	0	0	3.0	3.0	0	0

Notes:
Results are compared to the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality (AWQ) Standards and Guidance Values (S/GV) for detected analytes only.
* - The principal organic contaminant standard for groundwater of 5 micrograms per liter (µg/L) applies to this substance.
Bold values indicate those detected above method detection limits (MDLs).
Shaded cells indicate values above the NYS AWQ S/GV. Acetone is a common lab contaminant; those cells are not shaded for exceedances.
ND - The analyte was analyzed for, but not detected at or above the MDL.
J - The analyte was positively identified, the quantitation is an approximation.
NS - No standard exists
** - LCS and/or LCSD is outside acceptance limits, high biased.

Table 4 - MW-16 Groundwater Sampling Results
Bedford Village Wells - Hunting Ridge Mall
NYSDEC Site No. 3-60-009

Date of Sampling	NYSDEC AWQ S/GVs (µg/L)	12/28/11	1/29/13	5/9/13	9/10/13	12/30/13	4/18/14	7/14/14	9/26/14	1/2/15	5/12/15	9/23/15	12/22/15	3/22/16	6/16/17	7/16/19	1/18/21	4/1/21	8/16/21	12/2/21	3/24/22	6/15/22	9/22/22	12/19/22
Analyte																								
1,1,1-Trichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	50 (GV)	ND	ND	4.9 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50 (GV)	5.9 J	19	24	16	170	7.2 J	45	ND	28	40	64	44	99	110	ND	ND	21 **	17	ND	98	ND	ND	500
Benzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	50 (GV)	ND	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	0.70 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5*	ND	5.4	ND	ND	ND	ND	ND	2.4	3.1	ND	ND	ND	ND	6.8	ND	0.95 J	1.2	6.2	5.3	1.2	ND	1.1	ND
cis-1,3-Dichloropropene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	NS	ND	ND	2.5	ND	ND	ND	ND	ND	ND	4.1	ND	ND	0.89 J	0.65 J	ND	ND	0.51 J	ND	ND	ND	ND	ND	ND
Dibromochloromethane	50 (GV)	ND	3.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl acetate		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.7	ND	ND
Methyl tert-butyl ether	10 (GV)	ND	0.47 J	ND	ND	0.32 J	ND	ND	ND	0.21 J	ND	ND	ND	ND	0.30 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5*	13	6.5	ND	ND	ND	1.4	7.3	39	21	ND	4.6	4.8	8.3	33	2.8	2.8	7.7	7	16	6.1	1.6	21	ND
Toluene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5*	2.3	2.7	ND	ND	ND	ND	ND	1.9 J	1.8	ND	ND	ND	ND	4.4	ND	0.86 J	1.4	2.9	4.1	ND	ND	1.2	ND
Trichlorofluoromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs (excluding acetone)		20.7	14.87	7.4	0	0.32	1.4	7.3	43.3	26.11	4.1	4.6	4.8	9.19	44.2	2.8	4.61	10.3	16.61	25.4	7.3	4.3	23.3	0

Notes:

Results are compared to the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality (AWQ) Standards and Guidance Values (S/GV) for detected analytes only.

* - The principal organic contaminant standard for groundwater of 5 micrograms per liter (µg/L) applies to this substance.

Bold values indicate those detected above method detection limits (MDLs).

Shaded cells indicate values above the NYS AWQ S/GV. Acetone is a common lab contaminant; those cells are not shaded for exceedances.

ND - The analyte was analyzed for, but not detected at or above the MDL.

J - The analyte was positively identified, the quantitation is an approximation.

NS - No standard exists

** - LCS and/or LCSD is outside acceptance limits, high biased.

Table 5 - MW-17 Groundwater Sampling Results
Bedford Village Wells - Hunting Ridge Mall
NYSDEC Site No. 3-60-009

Date of Sampling	NYSDEC AWQ S/GVs (µg/L)	1/29/13	5/9/13	9/10/13	12/30/13	4/18/14	7/14/14	9/26/14	1/2/15	5/12/15	9/23/15	12/22/15	3/22/16	6/16/17	7/16/19	1/18/21	4/1/21	8/16/21	12/2/21	3/23/22	6/15/22	9/22/22	12/19/22
Analyte																							
1,1,1-Trichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	50 (GV)	ND	6.7 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50 (GV)	7.7 J	23	16	970	11	45	4.8 J	13	71	45	31	44	29	ND	ND	ND	12	ND	ND	ND	ND	710
Benzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoforn		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND *	ND *	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	0.90 J	0.39 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.93 J	1.1 J	1.3 J	0.46 J	ND	ND	ND	ND	ND
Chloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5*	ND	ND	ND	ND	5.5	0.92 J	5.2	1.7	ND	ND	ND	11	ND	6	2.3	4.6	6.7	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	NS	ND	1.7	ND	ND	ND	ND	ND	ND	3.6	ND	ND	ND	1.3	ND	ND	ND	0.73 J	ND	ND	ND	ND	ND
Dibromochloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl acetate		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.3	ND	ND
Methyl tert-butyl ether		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND **	ND	ND	ND	ND	ND
Methylcyclohexane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1 J	ND	ND	ND	ND	ND	ND
Styrene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5*	ND	ND	2.5	1.8	28	19	21	15	1.8	9.8	5.9	20 F1	1.4	14	5	14	4.2	7.4	ND	ND	ND	ND
Toluene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5*	ND	ND	ND	ND	2.7	0.55 J	2.3	0.85 J	ND	ND	ND	5.5	ND	3.3	1.3 J	2.9	19	2.6	ND	ND	ND	ND
Trichlorofluoromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total CVOCs (excluding acetone)		0.9	8.79	2.5	1.8	36.2	20.47	28.5	17.55	5.4	9.8	5.9	36.5	1.4	24.2	9.7	23.9	31.09	9.4	0	2.3	0	0

Notes:

Results are compared to the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality (AWQ) Standards and Guidance Values (S/GV) for detected analytes only.

* - The principal organic contaminant standard for groundwater of 5 micrograms per liter (µg/L) applies to this substance.

Bold values indicate those detected above method detection limits (MDLs).

Shaded cells indicate values above the NYS AWQ S/GV. Acetone is a common lab contaminant; those cells are not shaded for exceedances.

ND - The analyte was analyzed for, but not detected at or above the MDL.

J - The analyte was positively identified, the quantitation is an approximation.

NS - No standard exists

** - LCS and/or LCSD is outside acceptance limits, high biased.

Table 6 - MW-5M Groundwater Sampling Results
Bedford Village Wells - Hunting Ridge Mall
NYSDEC Site No. 3-60-009

Date of Sampling	NYSDEC AWQ S/GVs (µg/L)	10/25/10	1/6/11	3/31/11	6/28/11	10/6/11	12/28/11	1/29/13	1/29/13 - Duplicate	5/9/13	9/10/13	12/30/13	7/17/19	1/18/21	4/1/21	Duplicate - 8/16/21	8/16/21	12/2/21	Duplicate - 12/2/2021	3/23/22	Duplicate - 3/23/22	6/15/22	9/22/22	12/19/22	Duplicate - 12/19/22
Analyte																									
1,1,1-Trichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	50 (GV)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50 (GV)	<10	<10	13	20	34	5.9 J	8.4 J	9.4 J	9.9 J	14	570	ND	ND	30 *	ND	ND	ND	ND	ND	ND	ND	ND	380	400
Benzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5*	<5	<5	<5	<5	<5	<5	<0.81	<0.81	<0.81	<0.81	<5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	50 (GV)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl acetate		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether		<5	<5	<5	<5	<5	<5	<0.16	<0.16	<0.16	<0.16	<10	ND	ND	ND	ND *	ND *	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride		<5	9.2	<5	<5	<5	<5	<0.44	<0.44	<0.44	<0.44	<5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5*	<5	<5	<5	<5	<5	<5	<0.36	<0.36	<0.36	<0.36	<5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5*	<5	<5	<5	<5	<5	<5	<0.46	<0.46	<0.46	<0.46	<5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total CVOCs (excluding acetone)		0	9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.5	0	0	0

Notes:

Results are compared to the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality (AWQ) Standards and Guidance Values (S/GV) for detected analytes only.

* - The principal organic contaminant standard for groundwater of 5 micrograms per liter (µg/L) applies to this substance.

Bold values indicate those detected above method detection limits (MDLs).

Shaded cells indicate values above the NYS AWQ S/GV. Acetone is a common lab contaminant; those cells are not shaded for exceedances.

ND - The analyte was analyzed for, but not detected at or above the MDL.

J - The analyte was positively identified, the quantitation is an approximation.

NS - No standard exists

F - Analyte was positively identified above the MDL, however the concentration is below the reporting limit (RL).

*+ - LCS and/or LCSD is outside acceptance limits, high biased.

Table 7 - MW-6S Groundwater Sampling Results
Bedford Village Wells - Hunting Ridge Mall
NYSDEC Site No. 3-60-009

Date of Sampling	NYSDEC AWQ S/GVs (µg/L)	8/20/10	10/25/10	1/6/11	3/31/11	6/28/11	10/6/11	12/28/11	1/29/13	7/17/19	1/18/21	4/1/21	8/16/21	12/2/21	3/23/22	6/15/22	9/22/22	12/19/22
Analyte																		
1,1,1-Trichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	50 (GV)	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	50 (GV)	<10	<10	<10	<10	16	26	5.5 J	8.2 J	ND	NA	NA	NA	NA	NA	NA	NA	NA
Benzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	5*	<5	<5	<5	<5	<5	<5	<5	<0.81	ND	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	50 (GV)	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Methyl acetate		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether		<5	<5	<5	<5	<5	<5	<5	<0.16	ND	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride		<5	<5	9.0	<5	<5	<5	<5	<0.44	ND	NA	NA	NA	NA	NA	NA	NA	NA
Styrene		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5*	<5	<5	<5	<5	<5	<5	1.7	0.86 J	1.1	NA	NA	NA	NA	NA	NA	NA	NA
Toluene		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5*	<5	<5	<5	<5	<5	<5	<5	<0.46	ND	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total		ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Total CVOCs (excluding acetone)		0	0	9	0	0	0	1.7	0.86	1.1	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Results are compared to the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality (AWQ) Standards and Guidance Values (S/GV) for detected analytes only.

* - The principal organic contaminant standard for groundwater of 5 micrograms per liter (µg/L) applies to this substance.

Bold values indicate those detected above method detection limits (MDLs).

Shaded cells indicate values above the NYS AWQ S/GV. Acetone is a common lab contaminant; those cells are not shaded for exceedances.

ND - The analyte was analyzed for, but not detected at or above the MDL.

J - The analyte was positively identified, the quantitation is an approximation.

NS - No standard exists

F - Analyte was positively identified above the MDL, however the concentration is below the reporting limit (RL).

Table 8 - MW-6M Groundwater Sampling Results
Bedford Village Wells - Hunting Ridge Mall
NYSDEC Site No. 3-60-009

Date of Sampling	NYSDEC AWQ S/GVs (µg/L)	8/20/10	10/25/10	1/6/11	3/31/11	6/28/11	6/28/2011 - Duplicate	10/6/11	12/28/11	5/9/13	9/10/13	12/30/13	7/17/19	1/18/21	4/1/21	8/16/21	12/2/21	3/23/22	6/15/22	9/22/22	12/19/22
Analyte																					
1,1,1-Trichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	50 (GV)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50 (GV)	<10	<10	<10	31	24	26	27	4.6 J	16	12	4.6	ND	ND	13 *+	5.1 J	ND	190	ND	80	370
Benzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.43 J	ND	ND	ND	ND	ND
Dibromochloromethane	50 (GV)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl acetate		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.5	ND	ND
Methyl tert-butyl ether		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	ND	ND	ND	ND *+	ND	ND	ND	ND	ND
Methylcyclohexane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride		<5	<5	8.5	<5	<5	<5	<5	<5	<5	<5	<5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5*	<5	<5	<5	<5	<5	<5	<5	1.3	1.7	1.2	0.97 J	0.98 J	ND	ND	ND	ND	ND	ND	ND	ND
Toluene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total CVOCs (excluding acetone)		0	0	8.5	0	0	0	0	1.3	1.7	1.2	0.97	0.98	0	0	0.43	0	0	2.5	0	0

Notes:

Results are compared to the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality (AWQ) Standards and Guidance Values (S/GV) for detected analytes only.

* - The principal organic contaminant standard for groundwater of 5 micrograms per liter (µg/L) applies to this substance.

Bold values indicate those detected above method detection limits (MDLs).

Shaded cells indicate values above the NYS AWQ S/GV. Acetone is a common lab contaminant; those cells are not shaded for exceedances.

ND - The analyte was analyzed for, but not detected at or above the MDL.

J - The analyte was positively identified, the quantitation is an approximation.

NS - No standard exists

F - Analyte was positively identified above the MDL, however the concentration is below the reporting limit (RL).

*+ - LCS and/or LCSD is outside acceptance limits, high biased.

Table 9 - MW-12 Groundwater Sampling Results
Bedford Village Wells - Hunting Ridge Mall
NYSDEC Site No. 3-60-009

Date of Sampling	NYSDEC AWQ S/GVs (µg/L)	8/20/10	10/25/10	1/6/11	3/31/11	6/28/11	10/6/11	12/28/11	1/29/13	5/9/13	9/10/13	12/30/13	7/17/19	1/18/21	4/1/21	8/16/21	12/2/21	3/23/22	6/15/22	9/22/22	12/19/22
Analyte																					
1,1,1-Trichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND F1	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	50 (GV)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50 (GV)	ND	ND	ND	28	19	29	5.3 J	13	9.2 J	28	840	ND	ND	13 ** F1	9.0 J	ND	ND	ND	62	ND
Benzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND F2	ND	ND	ND	ND	ND
Carbon disulfide		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND F1	ND	ND	ND	ND	ND
Chlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND F2	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND F2	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	50 (GV)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND F2	ND	ND	ND	ND	ND
Ethylbenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl acetate		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND F1	ND	ND	3.4	ND	ND
Methyl tert-butyl ether		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND F1**	ND	ND	ND	ND	ND
Methylcyclohexane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5*	ND	ND	9.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5*	ND	ND	ND	ND	ND	2.0	3.8	ND	ND	ND	ND	1.6	1.6	1.3	1.5	ND	ND	ND	ND	1.4
Toluene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5*	ND	ND	ND	ND	ND	ND	ND	ND	0.56 J	0.58 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND F2	ND	ND	ND	ND	ND
Vinyl chloride		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND F2	ND	ND	ND	ND	ND
Xylenes, Total		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total CVOCs (excluding acetone)		0	0	9.6	0	0	2	3.8	0	0.56	0.58	0	1.6	1.6	1.3	1.5	0	0	3.4	0	1.4

Notes:

Results are compared to the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality (AWQ) Standards and Guidance Values (S/GV) for detected analytes only.

* - The principal organic contaminant standard for groundwater of 5 micrograms per liter (µg/L) applies to this substance.

Bold values indicate those detected above method detection limits (MDLs).

Shaded cells indicate values above the NYS AWQ S/GV. Acetone is a common lab contaminant; those cells are not shaded for exceedances.

ND - The analyte was analyzed for, but not detected at or above the MDL.

J - The analyte was positively identified, the quantitation is an approximation.

NS - No standard exists

F - Analyte was positively identified above the MDL, however the concentration is below the reporting limit (RL).

** - LCS and/or LCSD is outside acceptance limits, high biased.

F1 - MS and/or MSD recovery exceeds control limits.

F2 - MS/MSD RPD exceeds control limits.

Table 10 - Emerging Contaminants Groundwater Results
Bedford Village Wells - Hunting Ridge Mall
NYSDEC Site No. 3-60-009

Analytes	NYSDEC PFAS Guidelines	Monitoring Well ID and Sample Date																								
		MW-14								MW-3MR								FIELD BLANK								
		1/18/2021	4/1/2021	8/16/2021	12/2/2021	3/23/2022	6/15/2022	9/22/2022	12/19/2022	1/18/2021	4/1/2021	8/16/2021	12/2/2021	3/24/2022	6/15/2022	9/22/2022	12/19/2022	1/18/2021	4/1/2021	8/16/2021	12/2/2021	3/23/2022	6/15/2022	9/22/2022	12/19/2022	
Perfluoroalkane Sulfonic Acids																										
Perfluorobutane sulfonic acid (PFBS)	100	4.3	3.5	4.7	ND	2.9	6.4	NA	ND	1.2 J	1.4 J	1.4 J	ND	ND	ND	NA	2	ND	ND	ND	ND	ND	ND	NA	ND	ND
Perfluorohexane sulfonic acid (PFHxS)	100	2.2	2.6	3.0	ND	2.7	4.7	NA	ND	2.5	2.6	3.1	2.2	2.1	2.4	NA	3.2	ND	ND	ND	ND	ND	ND	NA	ND	ND
Perfluoroheptane sulfonic acid (PFHpS)	100	0.63 J	0.43 J	0.76 J	NA	NA	ND	NA	ND	0.29 J	0.52 J	ND	NA	NA	ND	NA	ND	ND	ND	NA	NA	ND	NA	ND	ND	ND
Perfluorooctane sulfonic acid (PFOS)	10	57	48	60	28	58	82	NA	23	23	27	24	19	18	20	NA	27	ND	ND	ND	ND	ND	ND	NA	ND	ND
Perfluorodecane sulfonic acid (PFDS)	100	ND	ND	ND	NA	NA	ND	NA	ND	ND F1	ND	ND	NA	NA	2.6	NA	3.7	ND	0.31 J	ND	NA	NA	ND	NA	ND	ND
Perfluoroalkane Carboxylic Acids																										
Perfluorobutanoic acid (PFBA)	100	4.4 J	4.3 J	7.4	NA	NA	14	NA	ND	2.6 J	3.3 J	3.0 J	NA	NA	2.5	NA	3.6	ND	ND	ND	NA	NA	ND	NA	ND	ND
Perfluoropentanoic acid (PFPeA)	100	15	8.8	16	NA	NA	21	NA	7.3	6.7	7.7	7.8	NA	NA	6.2	NA	9.5	ND	ND	ND	NA	NA	ND	NA	ND	ND
Perfluorohexanoic acid (PFHxA)	100	11	7.8	13	7.9	14	34	NA	5.5	6.0	7.2	7.1	5.7	5.8	6.5	NA	9.4	ND	0.52 J	ND	ND	ND	ND	NA	ND	ND
Perfluoroheptanoic acid (PFHpA)	100	5.0	2.9	5.5	2.8	5.1	8.5	NA	ND	2.9	3.2	3.3	2.3	2.2	2.3	NA	3.7	ND	ND	ND	ND	ND	ND	NA	ND	ND
Perfluorooctanoic acid (PFOA)	10	11	8.8	11	5.4	11	17	NA	6.5	10	12	12.0	9.4	9.1	8.2	NA	13.0	ND	ND	ND	ND	ND	ND	NA	ND	ND
Perfluorononanoic acid (PFNA)	100	3.8	2.4	3.9	ND	2.1	3.0	NA	ND	0.58 J	0.55 J	0.59 J	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Perfluorodecanoic acid (PFDA)	100	0.38 J	0.46 J	0.55 J	ND	ND	2.4	NA	ND	0.60 J	0.70 J	0.48 J	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Perfluoroundecanoic acid (PFUnA)	100	ND	ND	ND	ND	ND	ND	NA	ND	ND F1	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
Perfluorododecanoic acid (PFDoA)	100	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	0.84 J	ND	ND	ND	ND	NA	ND	ND
Perfluorotridecanoic acid (PFTriA)	100	ND	ND	ND F1	ND	ND	ND	NA	ND	ND F1	ND	ND	ND	ND	ND	NA	ND	ND	1.2 J	ND	ND	ND	ND	NA	ND	ND
Perfluorotetradecanoic acid (PFTeA)	100	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	1.0 J	ND	ND	ND	ND	NA	ND	ND
Perfluoroalkyl Sulfonamides																										
Perfluorooctane sulfonamide (FOSA)	100	ND	ND	ND	NA	NA	ND	NA	ND	4.4	4.9	4.1	NA	NA	4.5	NA	3.3	ND	ND	ND	NA	NA	ND	NA	ND	ND
N-Methyl perfluorooctane sulfonamidoacetic acid	100	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
N-Ethyl perfluorooctane sulfonamidoacetic acid	100	ND	ND	ND	ND	ND	ND	NA	ND	3.3 J	3.7 J	3.3 J	2.8	2.6	2.9	NA	3.7	ND	ND	ND	ND	ND	ND	NA	ND	ND
(n:2) Fluorotelomer Sulfonic Acids																										
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	100	ND	ND	ND	NA	NA	ND	NA	ND	ND	ND	ND	NA	NA	ND	NA	ND	ND	ND	ND	NA	NA	ND	NA	ND	ND
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	100	ND	ND	ND	NA	NA	ND	NA	ND	ND	ND	ND	NA	NA	ND	NA	ND	ND	ND	ND	NA	NA	ND	NA	ND	ND

Notes:

NS - No HAL exists

Detected concentrations are in bold font.

Detections exceeding the US EPA HAL of 70 ng/L for either PFOA, PFOS or a combination of both are highlighted in gray.

Detections exceeding the NYSDEC Guidance levels, or if a combination of non-PFOS/non-PFOS level exceed 500 ng/L, will be highlighted gray.

ND - Not Detected at the reporting limit (or MDL or EDL if shown).

NA - Not analyzed

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

B - Compound was found in the blank and the sample.

I - Value is estimated maximum possible concentration.

F1 - MS and/or MSD recovery exceeds control limits.

Units are in ng/L (nanograms/liter)

*50 ug/L is the maximum contaminant level for unspecified organic compounds, which applies to 1,4-dioxane