

AECOM 40 British American Boulevard Latham, NY 12110

Memorandum

То	George Momberger, NYSDEC	Page 1 of 2
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Subject	Bedford Village Wells – Hunting Ridge Mall Groundwater Res	ults, 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 and19th 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 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 concertation 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 μ g/L during the December event. This is above the NYSDEC Ambient Groundwater Quality Standard of 50 μ g/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 $50\mu g/L$ at $710\mu g/L$ 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-6Mand 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**. Perfluoroctane 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.

W-3MR at 13 ng/L.Several other PFAS compounds, including Perfluoroctanoic 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 AWGQS 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







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

NOTE:

1. 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.





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	12/28/14	1/29/12	5/9/12	9/10/12	12/30/12	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	7/17/19	1/18/24	4/1/21	8/16/24	12/2/24	3/24/22	6/15/22	9/22/22	12/19/22
Analyte	S/GVs (µg/L)	12/20/11	1/23/13	0/0/13	5/10/13	12/30/13	4/10/14	//14/14	5/20/14	112/13	3/12/10	5123115	12/22/15	3/22/10	0/10/17	111119	1/10/21	4/1/21	0/10/21	12/2/21	3124122	3/10/22	5122122	.2/13/22
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-Dichloropropage		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 Dichlorobonzono		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)	33.1	ND	32.1	ND	ND	ND	ND	ND	54.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	00(01)	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	NO	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclonexane	NO (C)/)	ND	110	2.2	ND	ND	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dipromochioromethane	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
Ethylbonzono		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	ND	0.56 J	0.93 J	0.33 J	ND	ND	0.56 J	5.9	13	3.8	23	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
Xvlenes. Total		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NU
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
Results are compared to the New York State De * The principal organic contaminant standard f Bold values indicate those detected above meth Shaded cells indicate values above the NYS AW ND - The analyte was analyzed for, but not dete J - The analyte was positively identified, the qua NS - No standard exists F - Analyte was positively identified above the M *+ - LCS and/or LCSD is outside acceptance lim	epartment of Environment or groundwater of 5 micr ood detection limits (MDL VQ S/GV. Accetore is a co cted at or above the MDL ntitation is an approximat IDL, however the concent nits, high biased.	tal Conservation ograms per lite s). ommon lab con ion. tration is below	n (NYSDEC) D r (µg/L) applies taminant; those the reporting lin	Division of Wa s to this subst e cells are not mit (RL).	ter Technical a ance. I shaded for ex	and Operational C	Guidance Serie	rs (1.1.1) Amb	ient Water Qual	ity (AWQ) Sta	ndards and G	uidance Value	s (S/GV) for det	tected analytes o	only.									

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

Auny Burb Burb Burb Burb	Date of Sampling	NYSDEC AWQ	12/20/11	1/20/12	E/0/42	0/10/12	12/20/12	4/10/14	7/14/14	0/26/14	1/2/15	E/12/1E	0/22/45	12/22/45	2/22/16	6/16/17	7/16/10	1/10/21	4/4/24	9/16/21	12/2/24	2/22/22	6/15/22	9/22/22	Duplicate -	12/19/22
1.1.1 article second	Analyte	S/GVs (µg/L)	12/20/11	1/29/13	5/9/13	9/10/13	12/30/13	4/10/14	7/14/14	9/20/14	1/2/15	5/12/15	9/23/15	12/22/15	3/22/10	0/10/1/	//10/19	1/10/21	4/1/21	0/10/21	12/2/21	3/23/22	0/15/22	5/22/22	9/22/22	12/19/22
11.1.2 freedomentane N0 N0 N0 N0 <th>1,1,1-Trichloroethane</th> <th></th> <th>ND</th>	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
11.3-17.04 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
11.2-Transformation 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
11.0ebscorestman 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
11.0ebitosettem NO	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
12.4.2.1.6.2.4.6.2.4.4.2.4.4.4.4.4.4.4.4.4.4.4.4	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
12.456 No. No.<	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
12.0bc/scalarse 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
12.20e0 NO	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
12.2bic/solution NO NO<	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
12.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	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.abelteringer No 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
14.24/Exonance (HER) NO NO <th>1,3-Dichlorobenzene</th> <th></th> <th>ND</th>	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
Abdatanon (MEA) No	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
Attendention NID 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
Additional formation Sol (CV) Rd	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
matrix bit With Mark bit With Mark<	4-metnyi-2-pentanone (MIBK)	50 (0)()	ND	ND 42	ND	ND	ND	ND	ND	ND 401	ND 47	ND 450	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Binance NO NO </th <th>Acetone</th> <th>50 (GV)</th> <th>5.4 J</th> <th>13</th> <th>6.8 J</th> <th>11</th> <th>950</th> <th>5.5 J</th> <th>44</th> <th>4.2 J</th> <th>17</th> <th>150</th> <th>45</th> <th>33</th> <th>23</th> <th>4.0 J</th> <th>ND</th> <th>ND</th> <th>ND</th> <th>9.8 J</th> <th>ND</th> <th>ND</th> <th>ND</th> <th>ND</th> <th>ND</th> <th>ND</th>	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
Dimolation Dimole No	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
Bindmatrim No	Bromodicniorometnane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
One-state NS NO	Bromotorm		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carl Data Multicide NS NU NU <th>Bromometriane</th> <th>NC</th> <th>ND</th> <th>0.59.1</th> <th>ND</th>	Bromometriane	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.59.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chinomitationalization ND ND<	Carbon disulide	N9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.56 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Consistance ND	Chlorobonzono		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chierostram 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
Object ND ND <th< th=""><th>Chloroform</th><th></th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th></th<>	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
5' 6.4 31 2.5 ND ND 11 2.7 ND 0.09 J ND ND <th< th=""><th>Chloromethane</th><th></th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th></th<>	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-1.3-Dichlorogrogene 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
Operioderseame NS 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
Dispromethare ND	Cyclohexane	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dickhordiffuoromethane 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
Ethydenzene 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
isoprogrubenzame 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
Methy acata 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
Methylicitari-burgleteri-burglet	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
Methyleyclohexane 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
Methylene Chloride ND ND <th>Methylcyclohexane</th> <th></th> <th>ND</th>	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
Styrene ND ND <t< th=""><th>Methylene Chloride</th><th></th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th><th>ND</th></t<>	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
Tetrachioroethene 5' 12 44 14 6 0.97 J 38 15 0.90 J 1.7 ND ND ND ND 2.9 6.1 5.6 4.0 0 4.7 Toluene 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
Toluene ND ND <t< th=""><th>Tetrachloroethene</th><th>5*</th><th>12</th><th>44</th><th>14</th><th>6</th><th>0.97 J</th><th>38</th><th>15</th><th>0.90 J</th><th>1.7</th><th>ND</th><th>ND</th><th>ND</th><th>7.8</th><th>4.2</th><th>0.74 J</th><th>2.2</th><th>13</th><th>ND</th><th>2.9</th><th>6.1</th><th>5.6</th><th>4.0</th><th>4.3</th><th>4.7</th></t<>	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
trans-1.3-Dichlorostheme ND N	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
Itrans-13-Dichloroprogene 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
Trichloroothene 5' 3.2 14 2.5 0.8.0 9.3 3.6 0.64J 0.72J 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
Trichiorofluoromethane 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
Vingtehloride 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
Xvjenes, Total 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 CVCCS (excluding activitie) 20.5 89 19 6.82 1.57 56.3 21.3 1.54 5.41 5.1 0.58 0 15.2 6.9 0.74 2.2 16.1 0 2.9 6 6.8 4.0 4.3 4.7	Total CVOCs (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 (ugl.) applies to this substance. **Bold** values indicate those detected above method detection limits (MDLs). Shaded cells indicate values above the NYS AWQ Side V. Acetore 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 apositively 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																						Duplicate -		
Analyte	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	6/15/22	9/22/22	12/19/22
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)		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	980	4.9 J	43	6.1 J	7.6 J	37	27	30	61	ND	ND	4.5 J	23 *+	ND	ND	ND	ND	ND	ND	250
Benzene	1	ND	ND	ND	ND	ND	ND	ND	0.26 J	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	ND	0.93 J	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
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*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.3	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	ND	0.90 J	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
Xvlenes, 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 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 (ug/L) applies to this substance. Bod values indicate hose detected above method detection limits (MUDLs). Shaded cells indicate values above the NYS AVQ SidV. Azerone is a common lab contaminant; those cells are not shaded for exceedances. ND - The analyte was angoated for to ar down the MUL J - The analyte was possiblely 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

Analyte S/GVs (µg/L) 1/2 bit in 1/3 bit in 0 bit in 1/1 bit in 0 bit in 1/1 bit in 0 bit in </th <th>ND ND ND ND ND ND ND ND ND NE ND ND ND ND NE ND ND ND ND NE ND ND ND NE ND ND ND ND NE NE ND ND ND NE ND ND ND ND NE ND ND ND ND ND NE ND ND ND ND ND ND ND ND ND ND ND</th>	ND ND ND ND ND ND ND ND ND NE ND ND ND ND NE ND ND ND ND NE ND ND ND NE ND ND ND ND NE NE ND ND ND NE ND ND ND ND NE ND ND ND ND ND NE ND ND ND ND ND ND ND ND ND ND ND
1.1.2.Trichloroethane ND ND </td <td>ND ND ND NI ND ND ND ND ND ND ND<</td>	ND ND ND NI ND ND ND ND ND ND ND<
1.1.2.2-Tetrachloroethane ND	ND ND ND ND NI ND ND ND NI NI ND ND ND ND NI ND ND ND ND NI ND ND ND ND ND ND ND ND ND ND ND
1.1.2.Trichtoroethane ND ND </td <td>ND ND ND ND NI ND ND ND NI NI ND ND ND NI NI ND ND ND NI NI ND ND ND ND NI ND ND ND ND NI ND ND ND ND ND ND ND ND ND ND</td>	ND ND ND ND NI ND ND ND NI NI ND ND ND NI NI ND ND ND NI NI ND ND ND ND NI ND ND ND ND NI ND ND ND ND ND
1,1.2-Trichloroethane ND ND </td <td>ND ND ND ND NI ND ND ND NI NI ND ND ND ND NI ND ND ND ND NI ND ND ND ND ND ND ND ND ND ND</td>	ND ND ND ND NI ND ND ND NI NI ND ND ND ND NI ND ND ND ND NI ND ND ND ND ND
1.1-Dichlorosethane ND ND <td>ND ND ND ND NI ND ND ND NI NI ND ND ND ND NI ND ND ND ND ND ND ND ND ND ND</td>	ND ND ND ND NI ND ND ND NI NI ND ND ND ND NI ND ND ND ND ND
1.1-Dichloroethene ND ND <td>ND ND ND NI ND ND ND ND ND ND ND ND</td>	ND ND ND NI ND ND ND ND
1.2.4.Trichiorobenzene ND ND<	ND ND ND ND NI ND ND ND ND NE ND ND ND ND ND
1.2-Dibromo-3-Chloropropane ND ND <t< td=""><td>ND ND ND NI ND ND ND ND ND ND ND ND</td></t<>	ND ND ND NI ND ND ND ND
1.2-Dibromeethane ND	ND ND ND NI ND ND ND NE ND ND ND NE ND ND ND ND ND ND ND NE ND ND ND NE ND ND ND NE ND ND ND ND ND ND ND ND ND ND ND ND
1.2-Dichlorosenzene ND ND <td>ND ND ND NI ND ND ND ND NE ND ND ND ND NE</td>	ND ND ND NI ND ND ND ND NE
1,2-Dichloreethane ND ND <td>ND ND ND NE ND ND ND ND ND ND ND ND ND ND</td>	ND ND ND NE ND ND ND ND ND
1,2-Dichlorogroppane ND	ND ND ND NE ND ND ND ND NE ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND
	ND ND ND NE ND ND ND ND NE ND ND ND ND ND ND ND ND ND ND
שא ש	ND ND ND NE ND ND ND ND ND ND ND ND ND ND
1,4-Dichlorobenzene ND	ND ND ND ND
2-Butanone (MEK) 50 (GV) ND ND 4.9.J ND	ND ND ND ND
2-Hexanone ND	
4-Methyl-2-pentanone (MIBK) 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
Bromodichloromethane 50 (GV) ND 1.1 ND	ND ND ND ND
Bromoform ND	ND ND ND ND
Bromomethane ND	ND ND ND ND
Carbon disulfide ND	ND ND ND ND
Carbon tetrachloride ND	ND ND ND ND
Chlorobenzene ND	ND ND ND ND
Chloroethane ND	ND ND ND ND
Chloroform 7 ND 0.70 J ND	ND ND ND ND
Chloromethane ND	ND ND ND ND
Cis-12-Dichloroethene 5° 5.4 ND ND ND ND ND ND ND Z4 3.1 ND ND ND ND ND ND 0.55 J 1.2 6.2 5.3	1.2 ND 1.1 NU
CIS-1,3-DIChIOrOpropene ND	ND ND ND ND
Uprometane NS ND ND 2.5 ND	
Diplorandemicromentance 30(GV) ND 3.4 ND	
Dictionoduminationentariae No	
	ND ND ND NF
Styrene ND	ND ND ND NE
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 NC
Toluene ND	ND ND ND NC
trans-1,2-Dichloroethene ND	ND ND ND NC
trans-1,3-Dichloropropene ND	ND ND ND NF
Trichloroethene 5' 2.3 2.7 ND ND ND ND ND 1.9J 1.8 ND ND ND ND 4.4 ND 0.86J 1.4 2.9 4.1	ND ND 1.2 ND
Trichlorofluoromethane ND ND<	ND ND ND ND
Vinvi chloride ND	ND ND ND ND
Xvlenes, Total ND	ND ND ND ND
Total CVOCs (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 standards for groundwater of 5 micrograms per liter (µgL) applies to this substance. Bold values indicate those detected above method detection limits (MDLs). Shaded cells indicate values above the NYS AWQ Si/CV. Acetone is a common tab 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 analyzed for, but not detected at or above the MDL. NS - No standard exists * - LCS and/or LSDI 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	1/29/12	5/9/13	9/10/12	12/30/12	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	1/18/24	4/1/21	8/16/24	12/2/24	3/23/22	6/15/22	9/22/22	12/19/22
Analyte	S/GVs (µg/L)	1/20/13	0/0/10	3/10/13	12/30/13	+/10/14	7/14/14	3/20/14	1/2/13	0/12/10	3/23/13	12/22/15	3/22/10	0/10/17	1110/19	1/10/21	4/1/21	0/10/21	1212121	3123122	5/10/22		
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	NĎ	ND
Bromodichloromethane		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
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	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	/	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	<i>P</i> +	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	NO	ND	IND A 7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	ND	ND	ND		ND	ND	ND	ND	ND
Cyclonexalle	INO	ND	1.7	ND	ND	ND	ND	ND	ND	3.0	ND	ND	ND	1.3	ND	ND	ND	0.73 J	ND	ND	ND	ND	ND
Dipromocniorometnane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodinuoromethane		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
Methyl acetate		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	23	ND	ND
Methyl tort butyl othor		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND *+	ND	ND	2.3 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
Methylene Chloride		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	111	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	18	9.8	5.9	20 F1	14	14	5	14	42	74	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	ND	ND	ND	5.5	ND	3.3	1.3 J	2.9	19	2.0	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
Xvlenes. 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 D * - The principal organic contaminant standard Bold values indicate house advected above metrix Shaded cells indicate values above the NYS AV ND - The analyte was pasitively identified, the que NS - No standard exists *** _ ICS and (ICSN) is crutical accentrational	epartment of Environme for groundwater of 5 mi hod detection limits (ME VQ S/GV. Acetone is a acted at or above the Mi antitation is an approxim	ental Conserva crograms per DLs). common lab (DL. nation.	ation (NYSDE(liter (µg/L) app contaminant; tl	C) Division of blies to this su hose cells are	Water Technic Ibstance. not shaded fo	cal and Operat	ional Guidanc	xe Series (1.1.	1) Ambient W	'ater Quality (/	AWQ) Standa	rds and Guida	nce Values (S	/GV) for detec	ted analytes o	nly.							
- EGG anuror EGGD is outside acceptance in	ma, myn biaseu.																						

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

Data of Sampling		r			1		1		1/20/12		-	r			1	Duplicate			Duplicate		Duplicato				Duplicato
Date of Sampling	S/GVe (ug/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 - Dunlicate	5/9/13	9/10/13	12/30/13	7/17/19	1/18/21	4/1/21	B/16/21	8/16/21	12/2/21	12/2/2021	3/23/22	3/23/22	6/15/22	9/22/22	12/19/22	12/19/22
Analyte	0/043 (µg/L)	ND	ND	ND	ND	ND	ND	ND	Duplicate	ND	ND	ND	ND	ND	ND	0/10/21	ND	ND	12/2/2021	ND	0/20/22	ND	ND	ND	12/15/22
1,1,22-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
1.4-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	00 (01)	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 tetrachioride		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
Isopropyidenzene		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	3.5 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
l richiorofiuoromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Yulenes 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	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.5	0	0	0
Notes:		Ū	3.2	0		0	0	Ū		0	Ū	0	0	0	Ū	Ū	0	U	Ū	Ŭ	0	0.0	v	U	
Results are compared to the New York State D	epartment of Environm	ental Conserv	ation (NYSD	EC) Division o	f Water Techni	cal and Opera	ational Guidano	ce Series (1.1	.1) Ambient Wa	ater Quality (AWQ) Standa	rds and Guida	ince Values (S	S/GV) for dete	ected analytes	s only.									
 I ne principal organic contaminant standard Bold values indicate those detected above met 	tor groundwater of 5 m thod detection limite (M	IICrograms per	r inter (µg/L) a	applies to this s	ubstance.																				
Shaded cells indicate values above the NVS AT	WO S/GV Acetone is	a common lab	contaminant	those cells or	e not shaded f	or exceedance	96																		
ND - The analyte was analyzed for but not det	ected at or above the M		Comartilliditi	, mose cells al	e nor anddeu i		oo.																		
J - The analyte was positively identified, the qu	antitation is an approxi	mation.																							
NS - No standard exists																									
F - Analyte was positively identified above the !	MDL, however the cond	centration is be	elow the repo	orting limit (RL)																					
*+ - LCS and/or LCSD is outside acceptance li	mits, 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	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	S/GVs (µg/L)	0/20/10	10/20/10	1/0/11	0,01/11	0/20/11	10/0/11	12/20/11	1/20/10		1/10/21	-1021	0/10/21	12/2/21	0/20/22	0/10/22	0/22/22	12/10/22
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	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Chioroform	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Chioromethane	C *	ND 15	ND	ND 15	ND 15	ND 15	ND 15	ND 15	ND 10.01	ND	NA NA	NA	NA NA	NA NA	INA NA	NA NA	NA	NA
cis-1,2-Dichloroethene	5.	<0 ND	<5 ND	< <u>></u>	< <u>5</u>	<5 ND	<0 ND	<0 ND	<0.81	ND	NA NA	NA NA	NA NA	INA NA	INA NA	NA NA	NA NA	NA NA
Cis-1,3-Dichloropropene	NC	ND	ND		ND	ND	ND	ND		ND	NA NA		NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
Dibromochloromothono	ING E0.(C)/)	ND	ND		ND	ND	ND	ND	ND	ND	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
Dichlorodifluoromethane	50 (GV)		ND			ND	ND			ND	NA NA	NA NA	NA	NA 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	0/00/40	40/05/40	4/6/44	2/24/44	C/00/44	6/28/2011 -	40/0/44	40/00/44	5/0/42	0/40/42	40/20/42	7/47/40	4/40/04	4/4/04	0/4 0/04	40/0/04	2/22/22	C/4 E /00	0/00/00	40/40/00
Analyte	S/GVs (µg/L)	8/20/10	10/25/10	1/0/11	3/31/11	6/26/11	Duplicate	10/6/11	12/28/11	5/9/13	9/10/13	12/30/13	//1//19	1/16/21	4/1/21	0/10/21	12/2/21	3/23/22	6/15/22	9/22/22	12/19/22
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	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	5 *	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-Dicnioropropene	NO	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	NS 50 (C)()	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.43 J	ND	ND	ND	ND	ND
Dipromocnioromethane	50 (GV)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifiuoromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Etnyibenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropyidenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.5	ND	ND
Methyl tort butyl other		ND <5	ND <5	ND <5	ND <5	ND <5	ND <5	ND <5	ND <5	ND <5	ND <5	<10	ND	ND	ND		ND	ND	2.5	ND	ND
Methylevelebeyene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND
Methylopo Chlorido		ND <5	ND <5	8.5	ND <5	ND <5	ND <5	ND <5	ND <5	ND <5	ND <5	ND <5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styreps		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Totrachloroothono	5*	<5	<5	<5	<5	<5	<5	<5	13	17	12	0.97.1	0.98.1	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.30 J	ND	ND	ND	ND	ND	ND	ND	ND
trans 1 2 Dichloroothono		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	v	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinvl chloride		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xvlenes. 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

 Total CVOCs (excluding acetone)
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 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 - Nn standard eviets;

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	9/20/40	10/25/10	1/6/11	2/24/44	6/29/44	10/6/11	12/20/44	4/20/42	E/0/42	0/10/12	12/20/12	7/17/10	4/49/24	4/4/24	9/46/24	40/0/04	2/22/22	6/45/22	0/22/22	12/10/22
Analyte	S/GVs (µg/L)	0/20/10	10/25/10	1/0/11	3/31/11	0/20/11	10/0/11	12/20/11	1/29/13	5/5/13	9/10/13	12/30/13	/////19	1/10/21	4/1/21	0/10/21	12/2/21	3/23/22	0/15/22	9/22/22	12/19/22
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
Bromotorm		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 50	ND	ND	ND	ND	ND
Chloroethane	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND F2	ND	ND	ND	ND	ND
Chloromore	/	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND E2	ND	ND	ND	ND	ND
chioromethane	5*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND F2	ND	ND	ND	ND	
cis-1,2-Dichloropropopo	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cycloboxano	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromothano	50 (GV)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	00(01)	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:

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/CV. 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

												Monitor	ing Well II	D and San	nple Date										
Analytes	Guidelines				MV	V-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
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
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	ND	NA	NA	ND	NA	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
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
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
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
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
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
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
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
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
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
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
Perfluorotridecanoic acid (PF1riA)	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
Perindorotetradecarloic acid (PPTEA)	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
Perfluoroalkyl Sulfonamides																									
Perflurooctane 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
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
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
(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
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

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 - Compund 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

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