

July 10, 2026

Mr. Tracey Garland
Assistant Geologist
New York State Department of Environmental Conservation
Remedial Bureau C, Section E
625 Broadway, 12th Floor
Albany, NY 12233-7014

Re: **Well Abandonment Work Plan
Glen Cove Former MGP Site
Site No. 130089**

Dear Mr. Garland:

National Grid is providing this Work Plan for the abandonment of select monitoring wells at the Glen Cove Former Manufactured Gas plant (MGP) Site (Site) in accordance with our discussion on July 8, 2026. Groundwater monitoring has been completed since completion of the remedial construction. Several wells installed at the Site have not exhibited groundwater impacts over the last four years. The specific wells and scope are described below. All work will be conducted in accordance with the Site Management Plan (SMP) (GEI Consultants, Inc., P.C., August 2022).

Monitoring Well Abandonment

Four existing monitoring wells (GCMW-08S, GCMW-08D, GCMW-21I, and GCMW-21I2) at the Site have met the New York State Ambient Water Quality Standards (AWQS) for benzene, toluene, ethylbenzene, and xylenes (BTEX) in groundwater. In addition, GCMW-08D, GCMW-21I, and GCMW-21I2 have met the AWQS for polycyclic aromatic hydrocarbons (PAHs). Concentrations of BTEX and PAHs at these wells were either not detected or detected below the AWQS during previous sampling events. Isolated exceedances of PAHs were detected at monitoring well GCMW-08S during four sampling events, specifically for benzo(a)anthracene in September 2022, June 2023, and June 2024, and phenanthrene in June 2025; however, PAH concentrations at this well have otherwise been non-detect or below the applicable AWQS, as shown in **Table 1**.

The locations of the monitoring wells proposed for abandonment are shown in **Figure 1**.

Wells will be abandoned by grouting in place in accordance with NYSDEC's *CP-43: Groundwater Monitoring Well Decommissioning Policy* dated November 3, 2009. The wells will be tremie-grouted starting at the bottom of the well to five feet below ground surface. The top five feet of the well will be removed, filled, and the asphalt surface restored to match existing conditions. The associated boring logs and monitoring well construction logs are provided as **Attachment 1**.

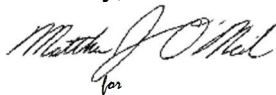
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Reporting

National Grid will document well abandonment in accordance with the SMP. Documentation of the completed work within the site will be provided in a letter report and included in the next Periodic Review Report.

If you have any questions, feel free to contact me at 516-220-4363 or via email at michael.quinlan@nationalgrid.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael Quinlan", with a small "for" written below it.

Michael Quinlan
Senior Program Manager

Attachments

cc: J. Mitchell (National Grid)
W. Ryan (National Grid)

SOURCES:

1. PLAN BASED ON TOPOGRAPHIC SURVEY OF LOT 302, BLOCK H, SECTION 21 "ORCHARD SUBSTATION" GLEN COVE, NASSAU COUNTY, NEW YORK, PREPARED BY KSE ENGINEERS, P.C., SCALE: 1" = 20', DATE: 7/07/2014.
2. SUBSTATION STRUCTURES ARE NOT TO BE CONSIDERED ACCURATE AND WERE DIGITIZED FROM: DRAWING NO. 2A: SAMPLE LOCATION MAP, PREPARED BY PAULUS, SOKOLOWSKI AND SARTOR ENGINEERING, PC, SCALE: 1" = 25', DATE: 6/12/2006.

LEGEND:

- GCMW-08S MONITORING WELL TO BE ABANDONED
- GCMW-09S-R MONITORING WELL
- GCRW-01 RECOVERY WELL
- GCMW-09S MONITORING WELL (ABANDONED OR DESTROYED)
- PZ05 PIEZOMETER
- PZ04 PIEZOMETER (ABANDONED OR DESTROYED)
- GCGWP14 GEOPROBE® GROUNDWATER PROBE LOCATION (PS&S)
- SB-01/GW-01 SOIL BORING CONVERTED TO PIEZOMETER (GEI)
- MONITORING POINT (PS&S)
- ORCH-FL-W SOIL BORING (NATIONAL GRID)
- GCGWP01 GEOPROBE® BORING (PS&S)
- GCSB-25 SUBSURFACE SOIL SAMPLE (DVIRKA AND BARTILUCCI)
- HB-01 HAND BORING SOIL SAMPLE (GEI)
- GCSS20 SURFACE SOIL SAMPLE (DVIRKA AND BARTILUCCI)
- SS-01 SURFACE SOIL SAMPLE (GEI)
- GCSS19 SURFACE SOIL SAMPLE (PS&S)
- CGSED01 SEDIMENT SAMPLE (PS&S)
- GCSEEP01 SEEP SAMPLE (PS&S)
- GCSW01 SURFACE WATER SAMPLE (PS&S)
- GCAS-01 ASH SAMPLE (DVIRKA AND BARTILUCCI)
- PROPERTY BOUNDARY
- EXISTING STRUCTURE
- HISTORIC STRUCTURE
- SURFACE ELEVATION CONTOUR
- CREEK
- FENCE

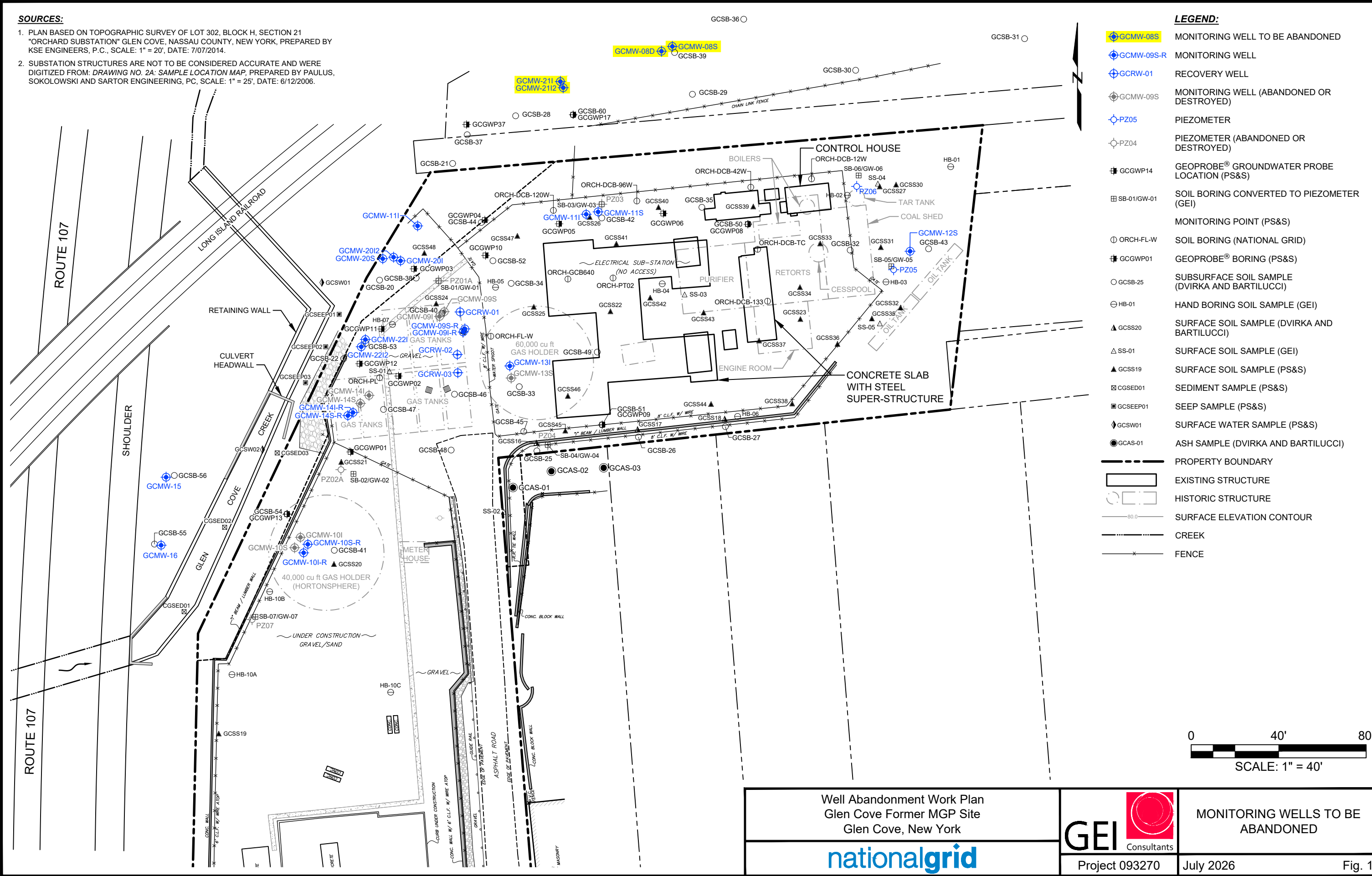


Table 1. Groundwater Analysis Results
Well Abandonment Work Plan
Glen Cove Former MGP
Glen Cove, New York

Location Name Sample Name Start Depth End Depth Depth Unit Sample Date Parent Sample				GCMW-08D GCMW-08D 60 70 ft 9/9/2022	GCMW-08S GCMW-08S 26 36 ft 9/9/2022	GCMW-08S GCMW-08S 26 36 ft 12/20/2022	GCMW-08S GCMW-08S 26 36 ft 3/24/2023	GCMW-08S GCMW-08S 26 36 ft 6/23/2023	GCMW-08S GCMW-08S 26 36 ft 9/26/2023	GCMW-08S GCMW-08S 26 36 ft 12/27/2023	GCMW-08S GCMW-08S 26 36 ft 3/28/2024	GCMW-08S GCMW-08S 26 36 ft 6/27/2024	GCMW-08S GCMW-08S 26 36 ft 9/9/2024	GCMW-08S GCMW-08S 26 36 ft 12/31/2024	GCMW-08S GCMW-08S 26 36 ft 3/24/2025
Analyte	Units	CAS No.	NYS AWQS												
BTEX	ug/L														
Benzene		71-43-2	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.45 U
Toluene		108-88-3	5	0.5 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene		100-41-4	5	1 U	0.35 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
o-Xylene		95-47-6	5					1 U							
m/p-Xylene		179601-23-1	5					1 U							
Total Xylene		1330-20-7	5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Total BTEX (ND=0)		TBTEX_ND0	NE	0.5	0.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Other VOCs	ug/L														
Acetone		67-64-1	50*	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane		75-27-4	50*	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.98 U
Bromoform		75-25-2	50*	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane		74-83-9	5	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ
Carbon disulfide		75-15-0	60*	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride		56-23-5	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene		108-90-7	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane		75-00-3	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform (Trichloromethane)		67-66-3	7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane		74-87-3	5	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1.7 J	1 U	1 UJ
Dibromochloromethane		124-48-1	50*	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.78 U
1,1-Dichloroethane		75-34-3	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane		107-06-2	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.3 U
1,1-Dichloroethene		75-35-4	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total 1,2-Dichloroethene		540-59-0	NE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
cis-1,2-Dichloroethene		156-59-2	5					1 U							
trans-1,2-Dichloroethene		156-60-5	5					1 U							
1,2-Dichloropropane		78-87-5	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.92 U
cis-1,3-Dichloropropene		10061-01-5	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.45 U
trans-1,3-Dichloropropene		10061-02-6	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.45 U
2-Hexanone		591-78-6	50*	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methyl ethyl ketone (2-Butanone)		78-93-3	50*	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 UJ	5 U
Methyl tert-butyl ether (MTBE)		1634-04-4	10*	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone (MIBK)		108-10-1	NE	5 U	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylene chloride		75-09-2	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene		100-42-5	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane		79-34-5	5	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 UJ	1 U	1 U	0.2 U
Tetrachloroethene (PCE)		127-18-4	5	0.35 J	1 U	1 U	0.26 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.4 U
1,1,1-Trichloroethane (TCA)		71-55-6	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane		79-00-5	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.58 U

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Well Abandonment Work Plan
Glen Cove Former MGP
Glen Cove, New York

Location Name Sample Name Start Depth End Depth Depth Unit Sample Date Parent Sample				GCMW-08D GCMW-08D	GCMW-08S GCMW-08S	GCMW-08S GCMW-08S	GCMW-08S GCMW-08S	GCMW-08S GCMW-08S	GCMW-08S GCMW-08S	GCMW-08S GCMW-08S	GCMW-08S GCMW-08S	GCMW-08S GCMW-08S	GCMW-08S GCMW-08S	GCMW-08S GCMW-08S	GCMW-08S GCMW-08S
Analyte	Units	CAS No.	NYS AWQS												
Trichloroethene (TCE)		79-01-6	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.28 U
Vinyl chloride		75-01-4	2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total VOCs (ND=0)		TVOC_ND0	NE	0.85	0.35	ND	0.26	ND	ND	ND	ND	ND	1.7	0	ND
PAH17	ug/L														
Acenaphthene		83-32-9	20*	10 U	7.8 J	4.6 J	10 U	8.2 J	1.3 J	10 U	3.5 J	3.4 J	2.7 J	8.4 J	4.9 J
Acenaphthylene		208-96-8	NE	10 U	2.5 J	1.4 J	10 U	3.4 J	10 U	10 U	1.3 J	1.1 J	1 J	4.2 J	2.3 J
Anthracene		120-12-7	50*	10 U	3 J	2 J	10 U	4.8 J	10 U	10 U	1.7 J	10 U	1.7 J	4.7 J	2.8 J
Benzo(a)anthracene		56-55-3	0.002*	1 U	0.71 J	1 U	1 U	0.72 J	1 U	1 U	1 U	0.68 J	1 U	1 U	1 U
Benzo(b)fluoranthene		205-99-2	0.002*	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Benzo(k)fluoranthene		207-08-9	0.002*	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(g,h,i)perylene		191-24-2	NE	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene		50-32-8	ND	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chrysene		218-01-9	0.002*	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Dibenz(a,h)anthracene		53-70-3	NE	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
Fluoranthene		206-44-0	50*	10 U	7.6 J	4.6 J	1.1 J	7.8 J	3.4 J	1.9 J	2.7 J	6 J	2.7 J	5.4 J	5.4 J
Fluorene		86-73-7	50*	10 U	2.8 J	1.8 J	10 U	4.3 J	10 U	10 U	1.7 J	10 U	0.94 J	4.2 J	2.8 J
Indeno(1,2,3-cd)pyrene		193-39-5	0.002*	2 U	2 U	2 U	2 UJ	2 UJ	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U
2-Methylnaphthalene		91-57-6	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene		91-20-3	10*	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Phenanthrene		85-01-8	50*	10 U	6.4 J	15	10 U	42	4.6 J	3.2 J	16	10 U	17	45	24
Pyrene		129-00-0	50*	10 U	9.3 J	6.3 J	10 U	9.7 J	4.5 J	2.5 J	3.4 J	7.4 J	3.1 J	5.3 J	5.5 J
Total PAH (17) (ND=0)		TPAH17_ND0	NE	ND	40.11	35.7	1.1	80.92	13.8	7.6	30.3	18.58	29.14	77.2	47.7
PAH17 Other SVOCs	ug/L														
Bis(2-chloroethoxy)methane		111-91-1	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-chloroethyl)ether		111-44-4	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-oxybis(1-Chloropropane)		108-60-1	5	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-ethylhexyl)phthalate		117-81-7	5	2 UJ	2 UJ	2 UJ	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 UJ	2 U
4-Bromophenyl phenyl ether		101-55-3	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Butyl benzyl phthalate		85-68-7	50*	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbazole		86-74-8	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol		59-50-7	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline		106-47-8	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
2-Chloronaphthalene		91-58-7	10*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol		95-57-8	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether		7005-72-3	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran		132-64-9	NE	10 U	1.7 J	1.4 J	10 U	3.1 J	10 U	10 U	1.3 J	10 U	10 U	3.1 J	1.8 J
1,2-Dichlorobenzene (o-DCB)		95-50-1	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene (m-DCB)		541-73-1	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
1,4-Dichlorobenzene (p-DCB)		106-46-7	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

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Glen Cove Former MGP
Glen Cove, New York

Location Name Sample Name Start Depth End Depth Depth Unit Sample Date Parent Sample				GCMW-08D GCMW-08D 60 70 ft 9/9/2022	GCMW-08S GCMW-08S 26 36 ft 9/9/2022	GCMW-08S GCMW-08S 26 36 ft 12/20/2022	GCMW-08S GCMW-08S 26 36 ft 3/24/2023	GCMW-08S GCMW-08S 26 36 ft 6/23/2023	GCMW-08S GCMW-08S 26 36 ft 9/26/2023	GCMW-08S GCMW-08S 26 36 ft 12/27/2023	GCMW-08S GCMW-08S 26 36 ft 3/28/2024	GCMW-08S GCMW-08S 26 36 ft 6/27/2024	GCMW-08S GCMW-08S 26 36 ft 9/9/2024	GCMW-08S GCMW-08S 26 36 ft 12/31/2024	GCMW-08S GCMW-08S 26 36 ft 3/24/2025
Analyte	Units	CAS No.	NYS AWQS												
3,3-Dichlorobenzidine		91-94-1	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.2 U
2,4-Dichlorophenol		120-83-2	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate		84-66-2	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl phthalate		131-11-3	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol		105-67-9	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butyl phthalate		84-74-2	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4,6-Dinitro-2-methylphenol		534-52-1	NE	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
2,4-Dinitrophenol		51-28-5	10*	40 U	40 U	40 U	40 UJ	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 UJ
2,4-Dinitrotoluene		121-14-2	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene		606-20-2	5	2 U	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Di-n-octyl phthalate		117-84-0	50*	10 U	10 U	10 UJ	10 U	10 UJ	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U
Hexachlorobenzene		118-74-1	0.04	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Hexachlorobutadiene (C-46)		87-68-3	0.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene		77-47-4	5	10 U	10 U	10 U	10 UJ	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane		67-72-1	5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	0.8 U
Isophorone		78-59-1	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene		91-57-6	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol (o-Cresol)		95-48-7	1	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol (p-Cresol)		106-44-5	1	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline		88-74-4	5	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline		99-09-2	5	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline		100-01-6	5	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene		98-95-3	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Nitrophenol		88-75-5	NE	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitrophenol		100-02-7	NE	20 UJ	20 UJ	20 UJ	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
N-Nitrosodiphenylamine (NDFA)		86-30-6	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine (NDPA)		621-64-7	NE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol		87-86-5	1	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Phenol		108-95-2	1	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene		120-82-1	5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1.1 U
2,4,5-Trichlorophenol		95-95-4	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol		88-06-2	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3 U
Total SVOCs (ND=0)		TSVOC_ND0	NE	ND	41.81	37.1	1.1	84.02	13.8	7.6	31.6	18.58	29.14	80.3	49.5

Table 1. Groundwater Analysis Results
Well Abandonment Work Plan
Glen Cove Former MGP
Glen Cove, New York

Location Name Sample Name Start Depth End Depth Depth Unit Sample Date Parent Sample				GCMW-08S GCMW-08S	GCMW-08S GCMW-08S	GCMW-08S GCMW-08S	GCMW-21I GCMW-21I	GCMW-21I GCMW-21I	GCMW-21I GCMW-21I	GCMW-21I2 GCMW-21I2	GCMW-21I2 GCMW-21I2
Analyte	Units	CAS No.	NYS AWQS								
BTEX	ug/L										
Benzene		71-43-2	1	0.45 U	0.45 U	0.45 U	1 U	1 U	1 U	1 U	1 U
Toluene		108-88-3	5	1 U	1 U	1.1	0.45 J	1 U	1 U	0.65 J	1 U
Ethylbenzene		100-41-4	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
o-Xylene		95-47-6	5								
m/p-Xylene		179601-23-1	5								
Total Xylene		1330-20-7	5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Total BTEX (ND=0)		TBTEX_ND0	NE	ND	ND	1.1	0.45	ND	ND	0.65	ND
Other VOCs	ug/L										
Acetone		67-64-1	50*	5 U		5 U	5 U	5.1 U	4.7 J	5 U	5 U
Bromodichloromethane		75-27-4	50*	0.98 U		0.98 U	1 U	1 U	1 U	1 U	1 U
Bromoform		75-25-2	50*	1 U		1 U	1 U	1 U	1 UJ	1 U	1 U
Bromomethane		74-83-9	5	1 UJ		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide		75-15-0	60*	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride		56-23-5	5	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene		108-90-7	5	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane		75-00-3	5	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform (Trichloromethane)		67-66-3	7	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane		74-87-3	5	1 U		1 U	1 U	1 U	3 J	1 U	1 U
Dibromochloromethane		124-48-1	50*	0.78 U		0.78 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane		75-34-3	5	1 U		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane		107-06-2	0.6	0.3 U		0.3 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene		75-35-4	5	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Total 1,2-Dichloroethene		540-59-0	NE	2 U		2 U	2 U	2 U	2 U	2 U	2 U
cis-1,2-Dichloroethene		156-59-2	5			1 U					
trans-1,2-Dichloroethene		156-60-5	5			1 U					
1,2-Dichloropropane		78-87-5	1	0.92 U		0.92 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene		10061-01-5	0.4	0.45 U		0.45 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene		10061-02-6	0.4	0.45 U		0.45 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone		591-78-6	50*	5 U		5 U	5 U	5 U	5 U	5 U	5 U
Methyl ethyl ketone (2-Butanone)		78-93-3	50*	5 U		5 U	5 U	3.5 J	5 U	5 U	1.9 J
Methyl tert-butyl ether (MTBE)		1634-04-4	10*	1 U		1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone (MIBK)		108-10-1	NE	5 U		5 U	5 U	5 U	5 U	5 U	5 U
Methylene chloride		75-09-2	5	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Styrene		100-42-5	5	1 U		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane		79-34-5	5	0.2 U		0.2 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene (PCE)		127-18-4	5	0.4 U		0.4 U	1 U	1 U	1 U	0.36 J	0.35 J
1,1,1-Trichloroethane (TCA)		71-55-6	5	1 U		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane		79-00-5	1	0.58 U		0.58 U	1 U	1 U	1 U	1 U	1 U

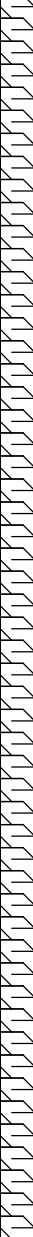
Table 1. Groundwater Analysis Results
Well Abandonment Work Plan
Glen Cove Former MGP
Glen Cove, New York

Location Name Sample Name Start Depth End Depth Depth Unit Sample Date Parent Sample				GCMW-08S GCMW-08S	GCMW-08S GCMW-08S	GCMW-08S GCMW-08S	GCMW-21I GCMW-21I	GCMW-21I GCMW-21I	GCMW-21I GCMW-21I	GCMW-21I2 GCMW-21I2	GCMW-21I2 GCMW-21I2
Analyte	Units	CAS No.	NYS AWQS								
Trichloroethene (TCE)		79-01-6	5	0.28 U		0.28 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride		75-01-4	2	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Total VOCs (ND=0)		TVOC_ND0	NE	ND		ND	0.45	3.5	7.7	1.01	2.25
PAH17	ug/L										
Acenaphthene		83-32-9	20*	12	1.1 J	1.6 J	2.8 J	8.7 J	10 U	10 U	10 U
Acenaphthylene		208-96-8	NE	4.7 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		120-12-7	50*	8.4 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		56-55-3	0.002*	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(b)fluoranthene		205-99-2	0.002*	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Benzo(k)fluoranthene		207-08-9	0.002*	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(g,h,i)perylene		191-24-2	NE	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 UJ
Benzo(a)pyrene		50-32-8	ND	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chrysene		218-01-9	0.002*	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Dibenz(a,h)anthracene		53-70-3	NE	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 UJ
Fluoranthene		206-44-0	50*	8.6 J	3.1 J	3.8 J	10 U	10 U	10 U	10 U	10 U
Fluorene		86-73-7	50*	5.8 J	10 U	10 U	10 U	2.7 J	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene		193-39-5	0.002*	2 U	2 U	2 U	2 U	2 UJ	2 U	2 U	2 UJ
2-Methylnaphthalene		91-57-6	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene		91-20-3	10*	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Phenanthrene		85-01-8	50*	79	1.6 J	5.9 J	10 U	3.6 J	10 U	10 U	10 U
Pyrene		129-00-0	50*	8.5 J	4 J	5.2 J	10 U	10 U	10 U	10 U	10 U
Total PAH (17) (ND=0)		TPAH17_ND0	NE	127	9.8	16.5	2.8	15	ND	ND	ND
PAH17 Other SVOCs	ug/L										
Bis(2-chloroethoxy)methane		111-91-1	5	10 U		5 U	10 U	10 U	10 U	10 U	10 U
Bis(2-chloroethyl)ether		111-44-4	1	1 U		1 U	1 U	1 U	1 U	1 U	1 U
2,2-oxybis(1-Chloropropane)		108-60-1	5	10 UJ		5 U	10 U	10 U	10 U	10 U	10 U
Bis(2-ethylhexyl)phthalate		117-81-7	5	2 U		2 U	2 UJ	2 U	2 U	2 UJ	2 U
4-Bromophenyl phenyl ether		101-55-3	NE	10 U		10 U	10 U	10 U	10 U	10 U	10 U
Butyl benzyl phthalate		85-68-7	50*	10 U		10 U	10 U	10 U	10 U	10 U	10 U
Carbazole		86-74-8	NE	10 U		10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol		59-50-7	NE	10 U		10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline		106-47-8	5	5 U		5 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene		91-58-7	10*	10 U		10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol		95-57-8	NE	10 U		10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether		7005-72-3	NE	10 U		10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran		132-64-9	NE	4.4 J		10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene (o-DCB)		95-50-1	3	10 U		1 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene (m-DCB)		541-73-1	3	5 U		1 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene (p-DCB)		106-46-7	3	10 U		1 U	10 U	10 U	10 U	10 U	10 U

Table 1. Groundwater Analysis Results
Well Abandonment Work Plan
Glen Cove Former MGP
Glen Cove, New York

Location Name Sample Name Start Depth End Depth Depth Unit Sample Date Parent Sample				GCMW-08S GCMW-08S	GCMW-08S GCMW-08S	GCMW-08S GCMW-08S	GCMW-21I GCMW-21I	GCMW-21I GCMW-21I	GCMW-21I GCMW-21I	GCMW-21I2 GCMW-21I2	GCMW-21I2 GCMW-21I2
Analyte	Units	CAS No.	NYS AWQS								
3,3-Dichlorobenzidine		91-94-1	5	5.2 U		5 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol		120-83-2	5	10 U		5 U	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate		84-66-2	50*	10 U		10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl phthalate		131-11-3	50*	10 U		10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol		105-67-9	50*	10 U		1.6 U	10 U	10 U	10 U	10 U	10 U
Di-n-butyl phthalate		84-74-2	50	10 U		10 U	10 U	10 U	10 U	10 U	10 U
4,6-Dinitro-2-methylphenol		534-52-1	NE	20 UJ		20 U	20 U	20 U	20 U	20 U	20 U
2,4-Dinitrophenol		51-28-5	10*	40 UJ		1.6 U	40 U	40 U	40 U	40 U	40 U
2,4-Dinitrotoluene		121-14-2	5	10 UJ		5 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene		606-20-2	5	2 UJ		2 U	2 U	2 U	2 U	2 U	2 U
Di-n-octyl phthalate		117-84-0	50*	10 U		10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene		118-74-1	0.04	1 U		1 U	1 U	1 U	1 U	1 U	1 U
1,3-Hexachlorobutadiene (C-46)		87-68-3	0.5	1 U		0.5 U	1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene		77-47-4	5	10 U		5 U	10 U	10 UJ	10 U	10 U	10 UJ
Hexachloroethane		67-72-1	5	0.8 U		0.8 U	2 U	2 U	2 U	2 U	2 U
Isophorone		78-59-1	50*	10 U		10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene		91-57-6	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol (o-Cresol)		95-48-7	1	10 U		10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol (p-Cresol)		106-44-5	1	10 U		10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline		88-74-4	5	10 U		5 U	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline		99-09-2	5	10 U		5 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline		100-01-6	5	10 U		5 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene		98-95-3	0.4	1 U		0.4 U	1 U	1 U	1 U	1 U	1 U
2-Nitrophenol		88-75-5	NE	10 UJ		10 U	10 U	10 U	10 U	10 U	10 U
4-Nitrophenol		100-02-7	NE	20 U		20 U	20 UJ	20 U	20 U	20 UJ	20 U
N-Nitrosodiphenylamine (NDFA)		86-30-6	50*	10 U		10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodi-n-propylamine (NDPA)		621-64-7	NE	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol		87-86-5	1	20 U		20 U	20 U	20 U	20 U	20 U	20 U
Phenol		108-95-2	1	10 U		10 U	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene		120-82-1	5	1.1 U		1 U	2 U	2 U	2 U	2 U	2 U
2,4,5-Trichlorophenol		95-95-4	NE	10 U		10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol		88-06-2	NE	3 U		3 U	10 U	10 U	10 U	10 U	10 U
Total SVOCs (ND=0)		TSVOC_ND0	NE	131.4		16.5	2.8	15	ND	ND	ND

Paulus, Sokolowski & Sartor		BORING LOG		BOREHOLE NUMBER - GCSB - 39	
PROJECT NUMBER: 2522.012.024			WEATHER: SP Overcast to sunny 80 deg. F		
PROJECT NAME: Glen Cove Former MGP Site			TOTAL DEPTH: 70'		
LOCATION: Glen Cove, Long Island, NY			GROUND SURFACE ELEVATION: 78.86'		
DRILLING CO: Zebra Environmental Corp.			DATE BEGUN: 6/25/04		
DRILLING METHOD: GeoProbe			DATE COMPLETED: 6/29/04		
DRILLER / HELPER: Bob/Jeff/Steve					
ENVIRONMENTAL SCIENTIST: Joseph Trocchio					

DEPTH	SAMPLE NUMBER	RECOVERY (in)	PID (ppm)	HCN (ppm)	WATER LEVEL	SOIL DESCRIPTION	USCS SYMBOL	LITHOLOGY	ENVIRONMENTAL DESCRIPTIONS	VISUAL OBSERVATIONS
0		48	0	0		Blacktop subgrade, brown medium sand little silt, some F/M gravel (Fill)	FILL		No physical/visual evidence of impacts	
2										
4										
6		44	0	0		Brown SAND with silt (Fill)				
8						Blacktop and subgrade (Fill)				
				0		Yellowish brown medium SAND (Fill)				
				0		Brown SAND, with silt and brick/ash fill material (Fill)			Ash and fill material	
10		32	0	0		Dark brown/black FILL consisting of medium sand, brick, glass, concrete (Fill)			Coal and ash fill material	
12										
14		28	0	0		Black coal, ash, slag, roots (Fill)			Coal, ash, and slag fill material	
16										
18	GCSB-39 (18-20)	20	0	0		Black coal, ash, slag, roots (Fill)			Coal, ash, and slag fill material	
20			1.1	0		Brown silty SAND, with fine to medium gravel, fill material with brick and old railroad tie in tip (Fill)			Moderate creosote odor in lower 10" of soil, old railroad tie found in tip	
22		2	0	0		Brick and light yellowish brown medium SAND, little fine to medium gravel, trace silt	SP		No physical/visual evidence of impacts	

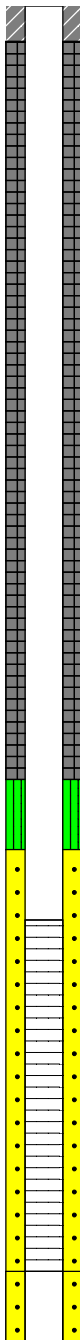
Paulus, Sokolowski & Sartor	BORING LOG	BOREHOLE NUMBER - GCSB - 39	
PROJECT NUMBER:	2522.012.024	WEATHER: SP	Overcast to sunny 80 deg. F
PROJECT NAME:	Glen Cove Former MGP Site	TOTAL DEPTH:	70'
LOCATION:	Glen Cove, Long Island, NY	GROUND SURFACE ELEVATION: 78.86'	
DRILLING CO:	Zebra Environmental Corp.	DATE BEGUN:	6/25/04
DRILLING METHOD:	GeoProbe	DATE COMPLETED: 6/29/04	
DRILLER / HELPER:	Bob/Jeff/Steve		
ENVIRONMENTAL SCIENTIST:	Joseph Trocchio		

DEPTH	SAMPLE NUMBER	RECOVERY (in)	PID (ppm)	HCN (ppm)	WATER LEVEL	SOIL DESCRIPTION	USCS SYMBOL	LITHOLOGY	ENVIRONMENTAL DESCRIPTIONS	VISUAL OBSERVATIONS
24										
26	GCSB-39 (26-28)	22	0	0		Light brown fine to medium SAND, little fine to medium gravel, trace silt, moist				
28										
30			0	0	▼	Light brown fine to medium SAND, little fine to medium gravel, trace silt, moist	SM			
32		28	0	0		Dark gray organic layer of SILT with little medium sand, fine to medium gravel, wet				
34	GCSB-39 (34-36)	32	0	0		Olive brown medium SAND, some fine to medium gravel	SP			
			0	0		Light gray clayey SAND				
			0	0		Light brown medium SAND, some fine to medium gravel	SC			
36			0	0		Black band of medium SAND in middle of last 12" section	SP			
38		22	0	0		Brown medium SAND, some fine to medium gravel				
40			0	0		Brown silty SAND, little fine to medium gravel	SM			
42		16	0	0		Brown medium SAND, some fine to medium gravel, trace silt, yellowish brown and black rock fragments	SP			
44		18	0	0		Brown medium SAND, some fine to medium gravel				
46		16	0	0		Brown medium SAND, some fine to medium gravel				
			0	0		Brown medium SAND, trace silt				
		21	0	0		Yellowish brown medium SAND, trace silt				
			0	0		Light brown medium SAND, some fine to medium gravel, little silt				

Paulus, Sokolowski & Sartor		BORING LOG		BOREHOLE NUMBER - GCSB - 39	
PROJECT NUMBER: 2522.012.024		WEATHER: SP		Overcast to sunny 80 deg. F	
PROJECT NAME: Glen Cove Former MGP Site		TOTAL DEPTH: 70'			
LOCATION: Glen Cove, Long Island, NY		GROUND SURFACE ELEVATION: 78.86'			
DRILLING CO: Zebra Environmental Corp.		DATE BEGUN: 6/25/04			
DRILLING METHOD: GeoProbe		DATE COMPLETED: 6/29/04			
DRILLER / HELPER: Bob/Jeff/Steve					
ENVIRONMENTAL SCIENTIST: Joseph Trocchio					

DEPTH	SAMPLE NUMBER	RECOVERY (in)	PID (ppm)	HCN (ppm)	WATER LEVEL	SOIL DESCRIPTION	USCS SYMBOL	LITHOLOGY	ENVIRONMENTAL DESCRIPTIONS	VISUAL OBSERVATIONS
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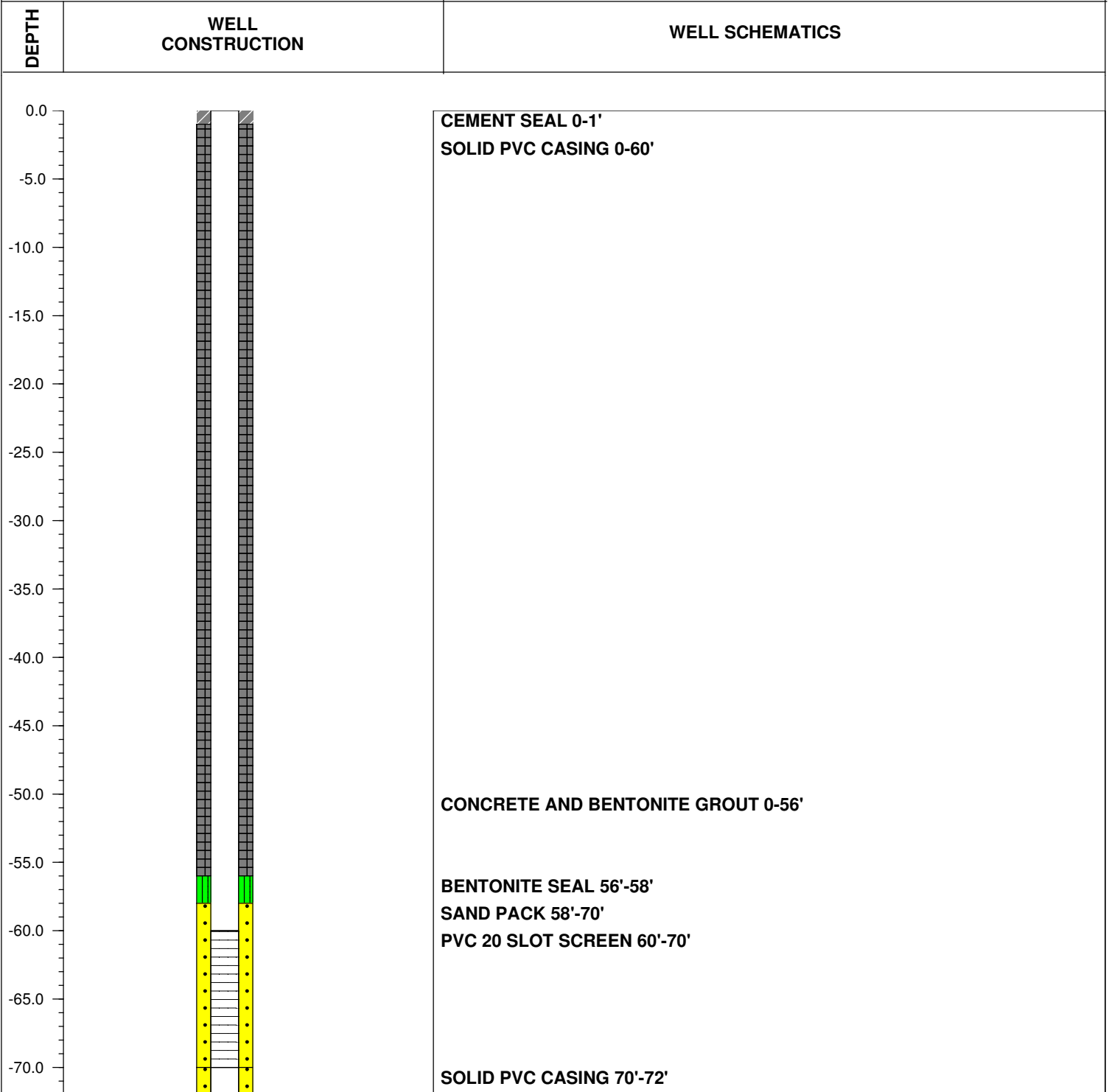
48										
	18	0	0			Brown silty SAND, some fine to medium gravel	SM			
50										
	17	0	0			Brown medium SAND, some fine to medium gravel, little silt	SP			
52										
	16	0	0			Brown medium SAND with fine to medium gravel, little silt				
54										
	18	0	0			Brown medium SAND with fine to medium gravel, little silt				
	16	0	0			Brown fine to medium SAND, little fine to medium gravel, little silt				
56										
		0	0			Brown fine to medium SAND, little fine to medium gravel, little silt				
58										
	22	0	0			Brown fine to medium SAND, little fine to medium gravel, little silt				
60										
	21	0	0			Brown medium SAND, some fine to medium gravel, trace silt				
62										
	21	0	0			Brown medium SAND, some fine to medium gravel, trace silt				
64										
	14	0	0			Brown medium SAND, some fine to medium gravel, trace silt				
66										
	21	0	0			Brown medium SAND, little fine gravel, trace silt				
68	GCSB-39 (68-70)	21	0	0		Brown medium SAND, some fine to medium gravel				
70										

Paulus, Sokolowski, & Sartor		WELL CONSTRUCTION LOG		WELL NUMBER - GCMW - 08S	
PROJECT NUMBER: 2522.012.024				WEATHER : Sunny	
PROJECT NAME: Glen Cove Former MGP Site				TOTAL DEPTH: 38'	
LOCATION: Glen Cove, Long Island, NY				GROUND SURFACE ELEVATION: 78.80	
DRILLING CO: Delta Well & Pump Co., Inc.				DATE BEGUN: 7/14/04	
DRILLING METHOD: Hollow Stem Auger				DATE COMPLETED: 7/14/04	
DRILLER/HELPER : Michael Pellegrino/Pete Trembley					
ENVIRONMENTAL SCIENTIST: Joseph Trocchio					
PVC CASING (DIA.) - 2"		MATERIAL 1 - Schedule 40 PVC		LENGTH 1 - 26'	
SCREEN (DIA.) - 2"		MATERIAL 2 - Schedule 40 PVC		LENGTH 2 - 10'	
PVC CASING (DIA.): 2"		MATERIAL 3 - Steel Casing with Concrete Pad		LENGTH 3 - 1'x1'	
DEPTH	WELL CONSTRUCTION		WELL SCHEMATICS		
0.0			CEMENT SEAL 0-1'		
-5.0			SOLID PVC CASING 0-26'		
-10.0			CONCRETE AND BENTONITE GROUT 1'-22'		
-15.0					
-20.0			BENTONITE SEAL 22'-24'		
-25.0			SAND PACK 24'-38'		
-30.0			PVC 20 SLOT SCREEN 26'-36'		
-35.0					
			SOLID PVC CASING 36'-38'		

Page 1 of 1

WEATHER : Sunny
TOTAL DEPTH: 72'
GROUND SURFACE ELEVATION: 78.83
DATE BEGUN: 7/09/04
DATE COMPLETED: 7/13/04

PVC CASING (DIA.) - 2"	MATERIAL 1 - Schedule 40 PVC	LENGTH 1 - 60'
SCREEN (DIA.) - 2"	MATERIAL 2 - Schedule 40 PVC	LENGTH 2 - 10'
PVC CASING (DIA.): 2"	MATERIAL 3 - Steel Casing with Concrete Pad	LENGTH 3 - 1'x1'



Groundwater Well Installation Log

GCMW-21I

Project Glen Cove Former Manufactured Gas Plant Site

City / Town Glen Cove, New York

Client National Grid

Contractor Island Pump & Tank

Driller **GEI Rep.** C. Anastasiou

GEI Proj. No. 093270-4-1405

Location

N 251792.00

E 1088574.90

Install Date 5/22/2014

Survey

Datum: NAVD 88

Length of Surface Casing above Ground 0 ft

Ground

Elevation: 77.1

Dist. Top of Surf. Casing to Top of Riser Pipe	0.4 ft
--	--------

Type and Thickness of Seal around Surface Casing ~2 in. concrete

ID of Surface Casing 8 in.

Type of Surface Casing	locking flush mount
------------------------	---------------------

Depth Bottom of Surface Casing	1.0 ft
--------------------------------	--------

ID and OD of Riser Pipe 2 in. ID/2.25 in. OD

Type of Riser Pipe	PVC
--------------------	-----

Type of Backfill around Riser Pipe _____ grout

Diameter of Borehole 4.25 in.

Depth Top of Seal _____ 40 ft

Type of Seal	bentonite
--------------	-----------

Depth Bottom of Seal	43 ft
----------------------	-------

Depth Top of Screened Section 45 ft

Type of Screen PVC

Description of Screen Openings	0.020 in. slots
--------------------------------	-----------------

ID and OD of Screened Section	2 in. ID/2.25 in. OD
-------------------------------	----------------------

Type of Filter Material #2 Sand

Depth Bottom of Screened Section 55 ft

Depth Bottom of Silt Trap 57 ft

Depth Bottom of Filter Material 57 ft

Depth Top of Seal	NA
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Type of Seal	NA
--------------	----

Depth Bottom of Seal	NA
----------------------	----

Type of Backfill below Filter Material	NA
--	----

Bottom of Borehole 37 ft

Notes:

GEI  Consultants

Groundwater Well Installation Log

GCMW-21I2

Project	Glen Cove Former Manufactured Gas Plant Site		
City / Town	Glen Cove, New York		
Client	National Grid		
Contractor	Island Pump & Tank		
Driller	GEI Rep.	C. Anastasiou	

GEI Proj. No.	<u>093270-4-1405</u>
Location	
	N 251789.20
	E 1088576.20
Install Date	5/21/2014

Survey

Datum: NAVD 88

Length of Surface Casing above Ground 0 ft

**Ground
Elevation:**

77

Dist. Top of Surf. Casing to Top of Riser Pipe	0.4 ft
--	--------

FILL

Type and Thickness of Seal around Surface Casing ~2 in. concrete

ID of Surface Casing _____ 8 in.

Type of Surface Casing	locking flush mount
------------------------	---------------------

Depth Bottom of Surface Casing	1.0 ft
--------------------------------	--------

ID and OD of Riser Pipe 2 in. ID/2.25 in. OD

Type of Riser Pipe	PVC
--------------------	-----

Type of Backfill around Riser Pipe grout

Diameter of Borehole 4.25 in.

Depth Top of Seal _____ 40 ft

Type of Seal	bentonite
--------------	-----------

Depth Bottom of Seal	43 ft
----------------------	-------

Depth Top of Screened Section 45 ft

Type of Screen _____ PVC

Description of Screen Openings	0.020 in. slots
--------------------------------	-----------------

ID and OD of Screened Section	2 in. ID/2.25 in. OD
-------------------------------	----------------------

Type of Filter Material #2 Sand

Depth Bottom of Screened Section 55 ft

Depth Bottom of Silt Trap 57 ft

Depth Bottom of Filter Material 57 ft

Depth Top of Seal _____ NA

Type of Seal	NA
--------------	----

Depth Bottom of Seal	NA
----------------------	----

Type of Backfill below Filter Material NA

Bottom of Borehole 57 ft

Notes:

