

Golder Associates Inc.

The National Newark Building
744 Broad Street, 25th Floor
Newark, NJ USA 07102
Telephone (973) 645-1922
Fax (973) 645-1588
www.golder.com



September 18, 2008

Project No.: 053-6388
VIA E-MAIL

Mr. Brian Bennett
Jerusalem Avenue Property, LLC
720 East Wisconsin Avenue
Milwaukee, Wisconsin 53202

**RE: GROUNDWATER DATA SUMMARY REPORT
FORMER SHOPRITE FACILITY
1121 JERUSALEM AVENUE, UNIONDALE, NEW YORK**

Dear Mr. Bennett:

Golder Associates Inc. (Golder) is pleased to present this groundwater monitoring report to Jerusalem Avenue Property, LLC (Owner) summarizing the results of the most recent (July 2008) groundwater monitoring event performed at the above-referenced property (Site).

SITE SETTING AND BACKGROUND**Site Setting**

The subject property covers roughly 4.5 acres and is located at 1121 Jerusalem Avenue, Town of Hempstead, Nassau County, Uniondale, New York (Figure 1). The Site is referenced as Lot 269, Block G, Section 50 on the land and tax map of Nassau County. The concrete block and steel building located at the Site was built in 1995/1996, and currently contains a vacant ShopRite store and pizzeria. Immediately adjacent to the Site to the east is an active Wal-Mart shopping center. A large, paved parking lot is located on the south side of the property and shared with the Wal-Mart parcel (Figure 2). The investigation work described herein was not performed on the Wal-Mart leasehold.

According to historic documents, the northern portion of the subject property and the adjacent Wal-Mart parcel was filled during the 1960s and 1970s with a wide variety of materials including construction debris, medical waste, old paint cans, and yard waste. Previous environmental investigations in the former fill area indicated the presence of fill materials and certain constituents in excess of current NYSDEC soil and groundwater criteria.

Regional and Site-Specific Hydrogeology

The Site is located in the Coastal Plain Physiographic Province, which is primarily comprised of inter-bedded sands and clays. These inter-bedded layers form three main aquifers and associated clay confining layers beneath the Site. The most-shallow aquifer unit is the Upper Glacial Aquifer, which consists of glacial till and outwash deposited during the Pleistocene ice advances.

The Magothy Aquifer, a prolific Long Island water supply source composed of Cretaceous deltaic sediments, lies beneath a semi-confining clay unit and the Upper Glacial Aquifer, and serves as a major source of water for Long Island. A semi-confining clay unit also underlies the Magothy Aquifer and restricts movement of water into the Lloyd Aquifer, which consists of unconsolidated sand and gravel deposits, and lies in contact with the bedrock. In addition to these units, Long Island contains numerous smaller aquifers and localized confining layers.

Groundwater quality in these aquifers is generally good, although contamination from nitrates and volatile organic compounds related to gasoline (i.e., benzene, toluene, ethylbenzene, xylene and MTBE) in the Upper Glacial Aquifer is documented in many areas throughout Long Island, including the vicinity of the Site.

Water levels encountered during previous investigations ranged from approximately 15 to 21 feet below ground surface (ft.bgs) in borings across the Site. Groundwater levels identified in the completed, developed monitoring wells were generally similar. Based on these water level data, the groundwater flow direction at the Site is generally toward the south. The horizontal groundwater flow gradient was calculated along the generalized direction of flow between monitoring wells MW-5 and MW-6; and is approximately 0.0021 ft/ft, indicating a relatively flat-lying water table surface, consistent with the Site topography.

Recent Regulatory Background

Golder was initially retained by the Owner to complete an Environmental Review and a Limited Phase II Investigation at the Site. Subsequent investigation activities were performed and included installation, sampling, and analysis of eight (8) groundwater monitoring wells, (Figure 2), during several separate mobilization efforts conducted during 2005 and 2006. The Owner submitted a Site Investigation Report (SIR) describing these previously completed activities to the New York State Department of Environmental Conservation (NYSDEC) in April 2007, voluntarily, and not as part of any specific program with NYSDEC oversight responsibilities.

In correspondence dated November 9, 2007 and received by the Owner on November 16, 2007, NYSDEC indicated receipt of the SIR and its intention to designate the Site as a potential inactive hazardous waste disposal site. This correspondence was contrary to a previous resolution from the Town of Hempstead, dated March 12, 1991, wherein NYSDEC concluded that the Site would not be listed on the Registry of Inactive Hazardous Waste Disposal Sites.

On behalf of the Owner, Golder contacted NYSDEC to request a meeting to discuss this issue. Following several telephone conversations, NYSDEC informed Golder that a meeting would not be held at this time without the presence of the owner of the adjacent property parcels listed in the NYSDEC correspondence (i.e., Wal-Mart), and that NYSDEC would continue to attempt to contact the Wal-Mart parcel property owners.

In the interim, the Owner requested that an additional groundwater sampling round be performed in existing monitoring wells located at the Site. NYSDEC has not responded further regarding the Site status as of the time of this report.

METHODOLOGY

Golder mobilized to the Site on July 16, 2008. Following collection of water level information, groundwater samples were obtained from each of the eight existing Site wells using low-flow sampling techniques in accordance with the United States Environmental Protection Agency (USEPA) document entitled Groundwater Sampling Procedure Low Stress Purging and Sampling Procedures (March 1998), and applicable NYSDEC requirements.

A decontaminated submersible Grundfos pump was placed at the approximate midpoint of the screened interval and set to slowly purge the well. Water quality indicator parameters (WQIPs) including pH, temperature, specific conductivity, and turbidity, were measured in the field using a calibrated Horiba U-22 water quality probe, recorded on field sampling forms (Attachment A), and summarized on Table A-1. Once the parameters stabilized, with a minimum of three consecutive readings, samples were collected from each well (including a field duplicate sample) placed in laboratory provided glassware, and transported via courier under appropriate chain-of-custody procedures to TestAmerica, a New York licensed analytical laboratory.

Collected groundwater samples were analyzed for Target Compound List (TCL) volatile organic compounds (VOCs) – EPA8260; semi-volatile organic compounds (SVOCs) – EPA8070, Pesticides and PCBs – EPA8141 and EPA8082, and Target Analyte List (TAL) metals – EPA6010/7470. These parameters were selected based on the results of the previous groundwater samples. Chain-of-custody

forms are provided in Attachment B. A summary of detected results is included as Table 1. Actual laboratory data reports can be provided upon request.

Investigation derived waste (IDW), including decontamination water and PPE, was contained within 55-gallon DOT-approved drums and staged for future disposal off-Site

DATA RESULTS AND GENERAL OBSERVATIONS

Detected results from laboratory analyses of groundwater samples collected during the July 2008 monitoring event are summarized on Table 1. Overall, the results are similar when compared to previous results, with the following notable exceptions:

- Low level detections of PCBs were reported above the "PCB total" detection limit in MW-3. This is the same well that initially contained a PCB exceedance; however, the recently reported value remains an order of magnitude less than the questionable number previously reported in this well. Further, the PCB Aroclors reported in this sampling event were different than the Aroclor initially detected;
- Significant decreases in VOC constituent concentrations were observed in MW-4, whereas MW-3 and MW-7 show a general increase in VOC constituent concentrations, when compared to the previous sampling event.
- Significant decreases in SVOC constituent concentrations were observed in MW-3.

CLOSING

We appreciate the continued opportunity to work with Jerusalem Avenue Property, LLC. If you have any questions, or require additional information, please contact either of the undersigned at (973) 645-1922.

Sincerely,

GOLDER ASSOCIATES INC.



Tanya G. Sharko
Environmental Scientist



Christopher D. Hemingway, P.G
Senior Hydrogeologist

TABLES

				Sample			MW-1			MW-2			MW-2D			MW-3		
				Sample Date:			7/17/2008			7/16/2008			7/16/2008			7/17/2008		
				N=Normal, FD=Field Duplicate:			N			N			FD			N		
Parameter	CAS	TOGS	Unit	Result	Qual	R.L.	Result	Qual	R.L.	Result	Qual	R.L.	Result	Qual	R.L.			
Volatile Organics																		
1,1,1-Trichloroethane	71-55-6	5	ug/l															
1,1-Dichloroethane	75-34-3	5	ug/l															
1,1-Dichloroethene	75-35-4	0.7	ug/l															
1,4-Dichlorobenzene	106-46-7	3	ug/l	2	J	4												
Acetone	67-64-1	50	ug/l															
Benzene	71-43-2	1	ug/l										3	J	4			
Chlorobenzene	108-90-7	5	ug/l	41		4							5		4			
Chloroethane	75-00-3	5	ug/l															
Chloroform	67-66-3	7	ug/l				0.4	J	1	0.4	J	1						
cis-1,2-Dichloroethene	156-59-2	5	ug/l										16		4			
Isopropylbenzene	98-82-8	5	ug/l	2	J	4							6		4			
Cyclohexane	110-82-7	NS	ug/l										3	J	4			
Ethylbenzene	100-41-4	5	ug/l										52		4			
Methylcyclohexane	108-87-2	NS	ug/l															
Toluene	108-88-3	5	ug/l															
Trichloroethene	79-01-6	5	ug/l															
Vinyl Chloride	75-01-4	2	ug/l										19		4			
Xylenes, Total	1330-20-7	NS	ug/l										7	J	12			
Semivolatile Organics																		
2,4-Dimethylphenol	105-67-9	50	ug/l															
2-Methylnaphthalene	91-57-6	NS	ug/l	2	J	5							1	J	5			
2-Methylphenol	95-48-7	NS	ug/l															
4-Methylphenol	106-44-5	NS	ug/l															
Acenaphthene	83-32-9	20	ug/l	2	J	5							2	J	5			
Anthracene	120-12-7	50	ug/l	0.7	J	5							0.2	J	5			
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l										5		5			
Chrysene	218-01-9	0.002	ug/l	0.6	BJ	5	0.6	BJ	6	0.6	BJ	5	0.6	BJ	5			
Dibenzofuran	132-64-9	NS	ug/l	1	J	5							0.6	J	5			
Di-n-butyl-phthalate	84-74-2	50	ug/l	0.4	J	5	0.3	J	6				0.7	J	5			
Fluoranthene	206-44-0	50	ug/l	1	J	5												
Fluorene	86-73-7	50	ug/l	3	J	5							2	J	5			
Napthalene	91-20-3	10	ug/l										6		5			
N-Nitrosodiphenylamine	86-30-6	50	ug/l	2	J	5							2	J	5			
Phenanthrene	85-01-8	50	ug/l	5		5							0.8	J	5			
Pyrene	129-00-0	50	ug/l	0.6	J	5												

Notes:

TOGS - Division of Water Technical and Operational Guidance Series (1.1.1)
 Ambient Water Quality Standards and Guidance Values and
 Groundwater Effluent Limitations
 NS - No Standard
 J - Estimated value
 ug/L - micrograms per liter

Created by: TGS 8/14/2008
 QC'd by: DKL 8/27/2008

Parameter	Sample			MW-4			MW-5			MW-6			MW-7			MW-8		
	Sample Date:			7/17/2008			7/17/2008			7/16/2008			7/16/2008			7/17/2008		
	N=Normal, FD=Field Duplicate:			N			N			N			N			N		
	CAS	TOGS	Unit	Result	Qual	R.L.	Result	Qual	R.L.	Result	Qual	R.L.	Result	Qual	R.L.	Result	Qual	R.L.
Volatile Organics																		
1,1,1-Trichloroethane	71-55-6	5	ug/l										16		1			
1,1-Dichloroethane	75-34-3	5	ug/l	0.8	J	1							60		1			
1,1-Dichloroethene	75-35-4	0.7	ug/l										0.8	J	1			
1,4-Dichlorobenzene	106-46-7	3	ug/l										0.4	J	1			
Acetone	67-64-1	50	ug/l				2	J	5	2	J	5				3	J	5
Benzene	71-43-2	1	ug/l	1		1							0.5	J	1			
Chlorobenzene	108-90-7	5	ug/l							1		1						
Chloroethane	75-00-3	5	ug/l	67		1							2		1			
Chloroform	67-66-3	7	ug/l															
cis-1,2-Dichloroethene	156-59-2	5	ug/l										1		1			
Isopropylbenzene	98-82-8	5	ug/l	7		1							0.6	J	1			
Cyclohexane	110-82-7	NS	ug/l	1		1							0.6	J	1			
Ethylbenzene	100-41-4	5	ug/l	44		1												
Methylcyclohexane	108-87-2	NS	ug/l	0.7	J	1							0.7	J	1			
Toluene	108-88-3	5	ug/l	45		1												
Trichloroethene	79-01-6	5	ug/l										1		1			
Vinyl Chloride	75-01-4	2	ug/l										0.8	J	1			
Xylenes, Total	1330-20-7	NS	ug/l	150		3												
Semivolatile Organics																		
2,4-Dimethylphenol	105-67-9	50	ug/l	10		5												
2-Methylnaphthalene	91-57-6	NS	ug/l	2	J	5												
2-Methylphenol	95-48-7	NS	ug/l	4	J	5												
4-Methylphenol	106-44-5	NS	ug/l	10		5												
Acenaphthene	83-32-9	20	ug/l	0.3	J	5												
Anthracene	120-12-7	50	ug/l															
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l															
Chrysene	218-01-9	0.002	ug/l	0.6	BJ	5	0.6	BJ	5	0.6	BJ	6	0.6	BJ	5	0.6	BJ	5
Dibenzofuran	132-64-9	NS	ug/l															
Di-n-butyl-phthalate	84-74-2	50	ug/l	0.7	J	5	0.3	J	5	0.3	J	6	0.5	J	5	0.3	J	5
Fluoranthene	206-44-0	50	ug/l															
Fluorene	86-73-7	50	ug/l	0.2	J	5												
Napthalene	91-20-3	10	ug/l	7		5												
N-Nitrosodiphenylamine	86-30-6	50	ug/l	0.4	J	5							0.5	J	5			
Phenanthrene	85-01-8	50	ug/l															
Pyrene	129-00-0	50	ug/l															

Notes:

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Parameter	CAS	TOGS	Unit	Sample			MW-1			MW-2			MW-2D			MW-3		
				Sample Date:			7/17/2008			7/16/2008			7/16/2008			7/17/2008		
				N=Normal, FD=Field Duplicate:			N			N			FD			N		
				Result	Qual	R.L.	Result	Qual	R.L.	Result	Qual	R.L.	Result	Qual	R.L.			
Inorganics																		
Aluminum	7429-90-5	NS	ug/l	397		200	328		200	326		200	233		200			
Arsenic	7440-38-2	25	ug/l	4.8		1							1.51		1			
Barium	7440-39-3	1000	ug/l	887		2	37.7		2	38		2	546		2			
Calcium	7440-70-2	NS	ug/l	150000		80	10100		80	10300		80	119000		80			
Chromium	7440-47-3	50	ug/l	10		4							4.4		4			
Cobalt	7440-48-4	NS	ug/l															
Iron	7439-89-6	300	ug/l	46800		50	450		50	448		50	28200		50			
Magnesium	7439-95-4	35000	ug/l	10300		200	1220		200	1240		200	6410		200			
Manganese	7439-96-5	300	ug/l	677		3	4.7		3	4.4		3	457		3			
Nickel	7440-02-0	100	ug/l															
Potassium	7440-09-7	NS	ug/l	6200		390	979		390	993		390	4880		390			
Sodium	7440-23-5	20000	ug/l	27400		1000	32000		1000	32200		1000	28600		1000			
Vanadium	7440-62-2	NS	ug/l															
Zinc	7440-66-6	2000	ug/l	11.6		10												
Polychlorinated Biphenyls																		
Aroclor 1262	37324-23-5	NS	ug/l										1.5					
Aroclor 1268	11100-14-4	NS	ug/l										1.6					
Total PCBs		0.09	ug/l	0			0			0			3.1					
Pesticides																		
Aldrin	309-00-2	0.001	ug/l										0.016	J	0.053			
alpha-BHC	319-84-6	0.01	ug/l				0.013	J	0.054	0.013	J	0.053	0.016	J	0.053			
alpha-Chlordane	5103-71-9	NS	ug/l										0.012	J	0.053			
beta-Chlordane	5103-74-2	NS	ug/l															
4,4-DDD	72-54-8	0.3	ug/l	0.023	J	0.054							0.04	J	0.053			
4,4-DDE	72-55-9	0.2	ug/l	0.03	J	0.054							0.03	J	0.053			
4,4-DDT	50-29-3	0.2	ug/l	0.098		0.054							0.11		0.053			
delta-BHC	319-86-8	0.04	ug/l															
Dieldrin	60-57-1	0.004	ug/l	0.023	J	0.054							0.013	J	0.053			
Endrin	72-20-8	NS	ug/l	0.023	J	0.054							0.068		0.053			
Endrin Ketone	53494-70-5	5	ug/l										0.24		0.053			
Heptachlor	76-44-8	0.04	ug/l	0.011	J	0.054												
Heptachlor Epoxide	1024-57-3	0.03	ug/l															

Notes:

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Created by: TGS 8/14/2008

QC'd by: DKL 8/27/2008

Parameter	Sample			MW-4			MW-5			MW-6			MW-7			MW-8		
	Sample Date:			7/17/2008			7/17/2008			7/16/2008			7/16/2008			7/17/2008		
	N=Normal, FD=Field Duplicate:			N			N			N			N			N		
	CAS	TOGS	Unit	Result	Qual	R.L.	Result	Qual	R.L.	Result	Qual	R.L.	Result	Qual	R.L.	Result	Qual	R.L.
Inorganics																		
Aluminum	7429-90-5	NS	ug/l			200			200	699		200	448		200	4420		200
Arsenic	7440-38-2	25	ug/l										5.35		1			
Barium	7440-39-3	1000	ug/l	152	2		34.5	2		220	2		126	2		42.6	2	
Calcium	7440-70-2	NS	ug/l	22600	80		15000	80		109000	80		42700	80		20400	80	
Chromium	7440-47-3	50	ug/l							9.2	4		4.4	4		19.9	4	
Cobalt	7440-48-4	NS	ug/l										5.9	4				
Iron	7439-89-6	300	ug/l	12200	50		1270	50		4250	50		19500	50		5100	50	
Magnesium	7439-95-4	35000	ug/l	2440	200		2140	200		9150	200		4530	200		1940	200	
Manganese	7439-96-5	300	ug/l	312	3		103	3		512	3		1620	3		80.9	3	
Nickel	7440-02-0	100	ug/l				14.7	10								13.8	10	
Potassium	7440-09-7	NS	ug/l	3290	390		3380	390		9570	390		4610	390		3450	390	
Sodium	7440-23-5	20000	ug/l	22500	1000		35000	1000		41200	1000		24700	1000		6600	1000	
Vanadium	7440-62-2	NS	ug/l													7.4	5	
Zinc	7440-66-6	2000	ug/l				53.9	10								10.9	10	
Polychlorinated Biphenyls																		
Aroclor 1262	37324-23-5	NS	ug/l															
Aroclor 1268	11100-14-4	NS	ug/l															
Total PCBs		0.09	ug/l	0			0			0			0			0		
Pesticides																		
Aldrin	309-00-2	0.001	ug/l	0.016	J	0.053												
alpha-BHC	319-84-6	0.01	ug/l	0.015	J	0.053				0.014	J	0.052	0.015	J	0.05	0.012	J	0.053
alpha-Chlordane	5103-71-9	NS	ug/l	0.015	J	0.053	0.0091	J	0.051									
beta-Chlordane	5103-74-2	NS	ug/l	0.015	J	0.053							0.012	J	0.05			
4,4-DDD	72-54-8	0.3	ug/l	0.039	J	0.053							0.026	J	0.05			
4,4-DDE	72-55-9	0.2	ug/l				0.024	J	0.051									
4,4-DDT	50-29-3	0.2	ug/l															
delta-BHC	319-86-8	0.04	ug/l							0.022	J	0.052	0.02	J	0.05	0.02	J	0.053
Dieldrin	60-57-1	0.004	ug/l	0.041	J	0.053	0.013	J	0.051				0.019	J	0.05			
Endrin	72-20-8	NS	ug/l	0.021	J	0.053							0.021	J	0.05			
Endrin Ketone	53494-70-5	5	ug/l															
Heptachlor	76-44-8	0.04	ug/l															
Heptachlor Epoxide	1024-57-3	0.03	ug/l	0.025	J	0.053	0.015	J	0.051				0.011	J	0.05	0.014	J	0.053

Notes:

TOGS - Division of Water Technical and Operational Guidance Series (1.1.1)
Ambient Water Quality Standards and Guidance Values and
Groundwater Effluent Limitations

NS - No Standard

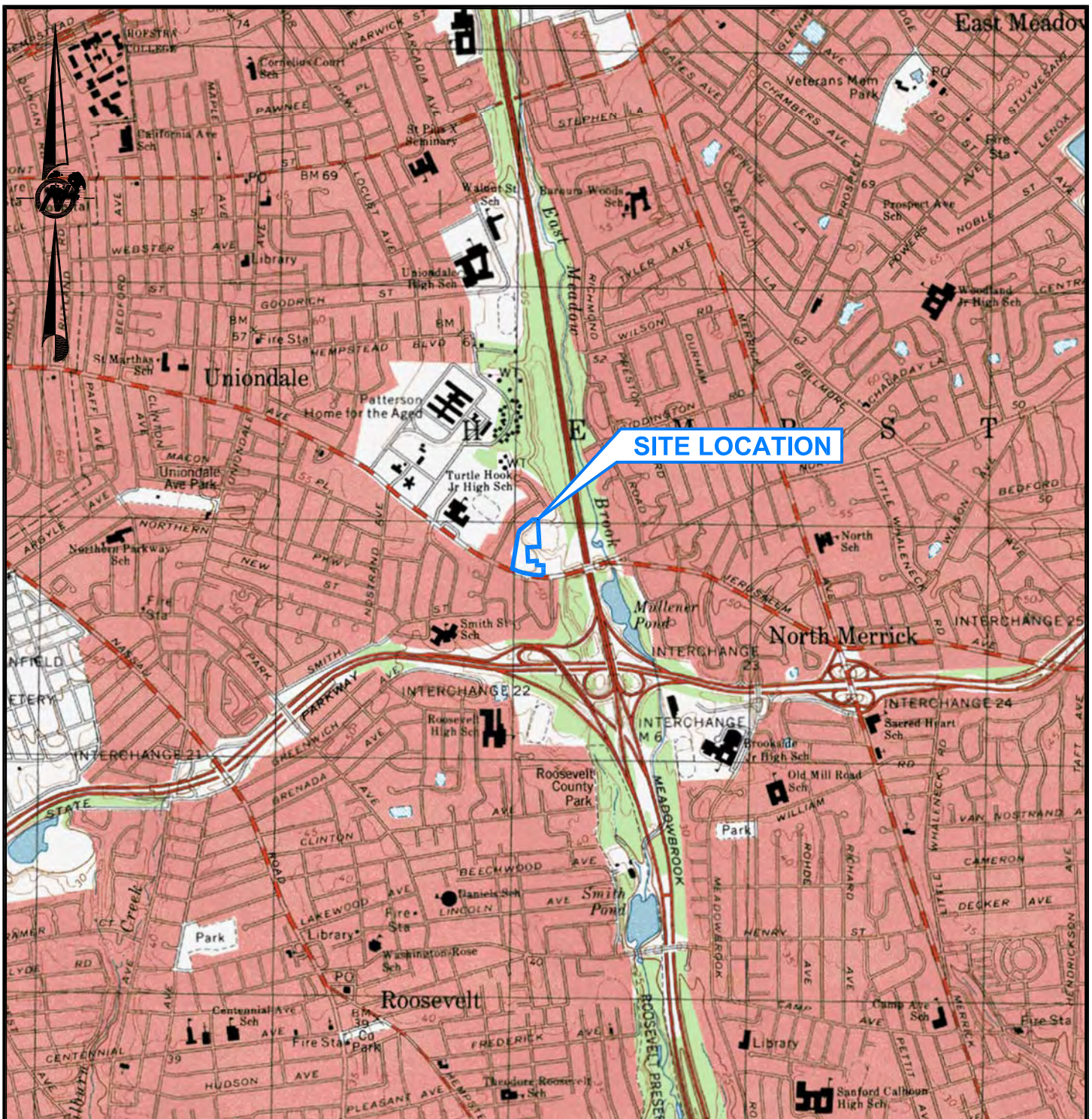
J - Estimated value

ug/L - micrograms per liter

Created by: TGS 8/14/2008

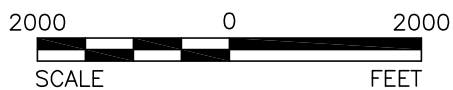
QC'd by: DKL 8/27/2008

FIGURES



REFERENCES

1.) MAP TAKEN FROM U.S.G.S. 7.5 MINUTE QUADRANGLE OF FREEPORT, NEW YORK, DATED 1994.



07/11/08	CDH	UPDATED CLIENT NAME	RG		
REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK



FILE No. 0536388B001
PROJECT No. 053-6388 REV. 1

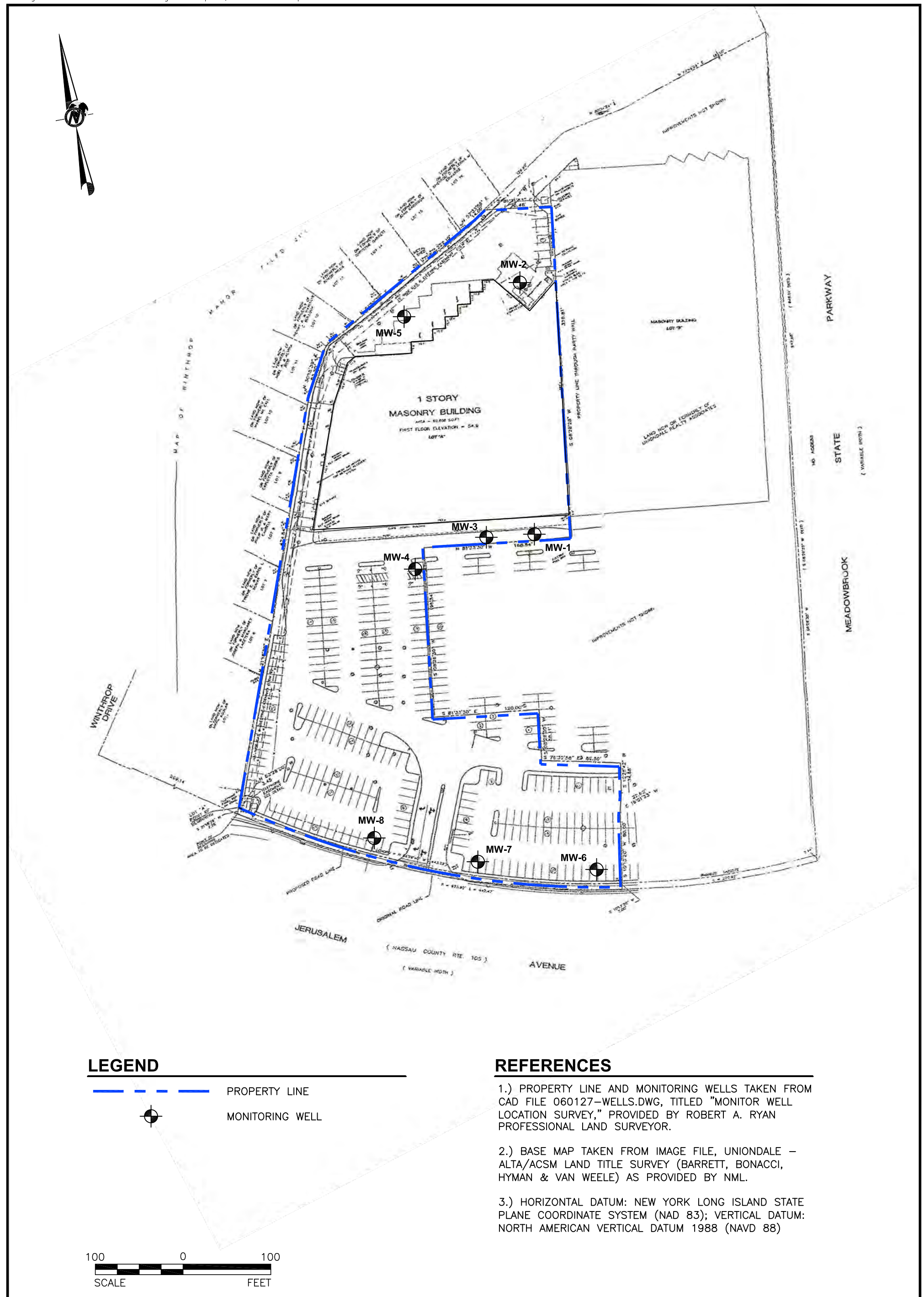
SCALE AS SHOWN
DATE 04/25/07
DESIGN CDH
CADD AM
CHECK KMB
REVIEW CDH

TITLE

**SITE LOCATION MAP
1121 JERUSALEM AVENUE
UNIONDALE, NY 11553**

JERUSALEM AVENUE PROPERTY, LLC

FIGURE 1



ATTACHMENT A

SAMPLING FORMS

Table A-1
Uniondale
Groundwater Field Parameter Summary - July 2008

Field Parameters									
Well ID	Date Sampled	Temperature [° C]	pH [std]	Specific Conductivity [s/cm]	Turbidity [ntu]	Dissolved Oxygen [mg/l]	Redox Potential [mV]	Depth to Water [ft-btoc]	Notes
MW-1	7/17/08	21.74	5.96	0.919	327	0.70	-132	22.10	
MW-2	7/16/08	15.89	5.55	0.230	173	2.26	178	17.74	Duplicate Collected
MW-3	7/17/08	22.99	5.99	0.721	37.4	0.91	-166	22.09	
MW-4	7/17/08	23.37	5.77	0.250	89.9	0.84	-125	21.04	
MW-5	7/17/08	19.37	5.05	0.302	36.9	0.94	105	18.41	
MW-6	7/16/08	19.39	6.08	0.747	214	1.20	-30	16.83	
MW-7	7/16/08	22.51	5.98	0.409	12.7	1.24	-126	19.65	
MW-8	7/17/08	22.90	5.74	0.154	268	4.14	85	19.89	

Created by: TGS 07/18/2008

Checked by: CEJ 07/18/2008

Note:

Values are the final reading when stabilization had occurred except for DTW which was collected prior to purging.

Abbreviations:

Temp	Temperature
°C	degrees Celsius
µS/cm	microSiemens per centimeter
ntu	Nephelometric Turbidity Units
mg/L	milligrams per liter
mV	millivolts
%	percent
ft-bmp	feet below monitoring point
NM	not measured
NA	not applicable

GROUNDWATER LOW FLOW PURGE/SAMPLE FIELD INFORMATION FORM



Site UNIONDALE

Location: Uniondale, New York

Project Number: 053-6388

Meter/Type/Serial #: Horiba U-22 serial # 10237

Meter Calibrated @: 7/17/08 @ 0730

Sampling Date/Time: 7/17/08 @ 1705

MONITORING WELL ID: MW-1

Depth to Water Prior to Purging [ft-bmp]: 22.10

Sampler(s): T. Sharko and C. Jackson

Well Casing Diameter [in]: 2"

Sampling Device: Grundfos pump + teflon tubing

Start Time (purging): 1549

Sample Characteristics: clear, no odour, film on purge water

Purging Device: Grundfos pump & Teflon Tubing

PID Measurement of Well Headspace (ppm): 0.0

As-Built Construction Well Depth [ft-bmp]: N/A

Analytical Parameters: VOCs, SVOCs, Pesticides, PCBs, Metals

Sounded Well Depth [ft-bmp]: 47.49

Weather Conditions: WARM, SUNNY

Fe+2 result (field measurement): N/A PPM

Time	Temperature	pH	Specific Conductance Circle One	Turbidity	Dissolved Oxygen	Redox Potential Note - Indicate if (+) or (-)	Depth To Water	Volume Purged	Approximate Purge Rate	Observations (PID readings, sample characteristics, equipment problems, etc.)
[hh:mm]	[°C]	[std]	[S/m] or [mS/cm]	[ntu]	[mg/l]	[mV]	[ft-bmp]	[liters]	[ml/min]	
1550	21.93	6.41	0.522	312	5.47	-122	22.10	0.5	240	
1555	20.09	5.88	1.18	499	0.00	-114	22.10	1.7	240	
1600	20.49	5.87	1.14	497	0.00	-119	22.12	2.9	240	
1605	20.80	5.89	1.10	859	0.00	-122	22.12	4.1	240	
1610	20.74	5.89	1.12	685	0.00	-123	22.12	5.3	240	
1615	20.88	5.89	1.10	656	0.00	-125	22.12	6.5	240	
1620	20.76	5.90	1.11	697	0.00	-126	22.12	7.7	240	
1625	20.55	5.89	1.15	292	0.00	-127	22.12	8.9	240	
1630	20.57	5.90	1.14	219	0.00	-129	22.12	10.1	240	
1635	20.63	5.91	0.955	90.8	0.57	-130	22.12	11.3	240	
1640	20.52	5.92	0.944	260	0.64	-131	22.12	12.5	240	
1645	21.15	5.93	0.921	342	0.65	-133	22.12	13.7	240	
1650	21.43	5.94	0.921	341	0.69	-132	22.12	14.9	240	
1655	21.74	5.96	0.919	327	0.70	-132	22.12	16.1	240	

Comments:

Pump set at 1m feet below ground surface.

Signature: Marko

GROUNDWATER LOW FLOW PURGE/SAMPLE FIELD INFORMATION FORM



Site UNIONDALE

Location: Uniondale, New York

Project Number: 053-6388

Meter/Type/Serial #: Horiba U-22 serial # 10237

Meter Calibrated @: 07/16/08 @ 0835

MONITORING WELL ID: MW-2

Sampling Date/Time: 07/16/08 @ 1525

Depth to Water Prior to Purging [ft-bmp]: 17.74

Sampler(s): T. Sharko and C. Jackson

Well Casing Diameter [in]: 2"

Sampling Device: Grundfos Pump & Teflon Tubing

Start Time (purging): 1423

Sample Characteristics: CLEAR, NO ODOR

Purging Device: Grundfos Pump + Teflon Tubing

PID Measurement of Well Headspace (ppm): 0.0

As-Built Construction Well Depth [ft-bmp]: NA

Analytical Parameters: VOCs, SVOCs, Pesticides, PCBs, Metals

Sounded Well Depth [ft-bmp]: 49.60

Weather Conditions: 80s, SUNNY

Fe+2 result (field measurement): N/A PPM

Time	Temperature	pH	Specific Conductance Circle One	Turbidity	Dissolved Oxygen	Redox Potential Note - Indicate If (+) or (-)	Depth To Water	Volume Purged	Approximate Purge Rate	Observations (PID readings, sample characteristics, equipment problems, etc.)
[hh:mm]	[°C]	[std]	[S/m] or [mS/cm]	[ntu]	[mg/l]	[mV]	[ft-bmp]	[liters]	[ml/min]	
225	17.56	7.39	0.265	835	4.52	129	17.79	0.5	300	
230	16.59	6.63	0.286	837	1.75	108	17.79	2.0	300	
235	16.45	6.29	0.275	557	1.69	127	17.79	3.5	300	
240	16.38	6.09	0.263	381	1.93	140	17.79	5.0	300	
245	16.34	5.93	0.255	292	2.04	146	17.79	6.5	300	
250	16.25	5.82	0.246	247	2.15	154	17.79	8.0	300	
255	16.13	5.73	0.242	223	2.15	161	17.79	9.5	300	
300	16.08	5.67	0.237	202	2.20	167	17.79	11.0	300	
305	16.03	5.62	0.235	187	2.21	171	17.79	12.5	300	
310	16.00	5.58	0.234	177	2.22	175	17.80	14.0	300	
315	15.89	5.55	0.230	173	2.26	178	17.80	15.5	300	

Comments:

Pump set at 146.5 feet below ground surface.

Duplicate sample collected (MW-2A)

Signature: Mauler

GROUNDWATER LOW FLOW PURGE/SAMPLE FIELD INFORMATION FORM



Site UNIONDALE

Location: Uniondale, New York

Project Number: 053-6388

Meter/Type/Serial #: Horiba U-22 serial # 10237

Meter Calibrated @: 7/17/08 @ 0835

Sampling Date/Time: 7/17/08 @ 1510

MONITORING WELL ID: MW-3

Depth to Water Prior to Purging [ft-bmp]: 22.09

Sampler(s): T. Sharko and C. Jackson

Well Casing Diameter [in]: 2"

Sampling Device: Grundfos pump & Teflon Tubing

Start Time (purging): 1350

Sample Characteristics: CLEAR, ODOUR, SHEEN NOTED IN PURGE WATER

Purging Device: Grundfos & Tubing (Teflon)

PID Measurement of Well Headspace (ppm): 0.0

As-Built Construction Well Depth [ft-bmp]: NA

Analytical Parameters: VOCs, SVOCs, Pesticides, PCBs, Metals

Sounded Well Depth [ft-bmp]: 31.58

Weather Conditions: Sunny, hot, humid

Fe+2 result (field measurement): N/A PPM

Time	Temperature	pH	Specific Conductance Circle One	Turbidity	Dissolved Oxygen	Redox Potential Note - Indicate if (+) or (-)	Depth To Water	Volume Purged	Approximate Purge Rate	Observations (PID readings, sample characteristics, equipment problems, etc.)
[hh:mm]	[°C]	[std]	[S/m] or [mS/cm]	[ntu]	[mg/l]	[mV]	[ft-bmp]	[liters]	[ml/min]	
151	21.21	6.08	0.760	376	2.60	-143	22.11	0.5	200	
156	21.46	5.97	0.736	430	0.79	-144	22.12	1.5	200	
201	23.56	5.96	0.728	426	0.79	-50	22.12	2.5	200	
206	22.50	5.96	0.726	460	0.79	-151	22.11	3.5	200	
211	23.34	5.95	0.720	453	0.73	-155	22.11	4.5	200	Emptied flow cell.
216	23.05	5.94	0.744	192	2.49	-125	22.11	5.5	200	
221	22.77	5.94	0.740	201	0.89	-139	22.11	6.5	200	
226	22.48	5.94	0.734	183	0.86	-147	22.11	7.5	200	
231	22.57	5.95	0.730	131	0.85	-151	22.11	8.5	200	
236	22.67	5.96	0.727	105	0.86	-155	22.11	9.5	200	
241	22.48	5.96	0.723	44.3	0.90	-158	22.11	10.5	200	
1446	22.57	5.96	0.720	44.5	0.90	-160	22.11	11.5	200	
1451	22.81	5.97	0.725	38.5	0.91	-162	22.11	12.5	200	
1456	22.78	5.98	0.725	36.5	0.91	-164	22.11	13.5	200	
1501	22.99	5.99	0.721	44.5	0.91	-166	22.11	14.5	200	Turb = 37.4

Comments:

Pump set at NM feet below ground surface.

Signature: Mario

GROUNDWATER LOW FLOW PURGE/SAMPLE FIELD INFORMATION FORM



Site UNIONDALE

Location: Uniondale, New York

Project Number: 053-6388

Meter/Type/Serial #: Horiba U-22 serial # 10237

Meter Calibrated @: 07/17/08 @ 0730

Sampling Date/Time: 07/17/08 @ 1240

MONITORING WELL ID: MW-4

Depth to Water Prior to Purging [ft-bmp]: 21.04

Sampler(s): T. Sharko and C. Jackson

Well Casing Diameter [in]: 2"

Sampling Device: Grundfos Pump + Teflon Tubing

Start Time (purging): 1125

Sample Characteristics: clear, odour, little brown suspended solids

Purging Device: Grundfos Pump + Teflon Tubing

PID Measurement of Well Headspace (ppm): 0.0

As-Built Construction Well Depth [ft-bmp]: N/A

Analytical Parameters: VOCs, SVOCs, Pesticides, PCBs, Metals

Sounded Well Depth [ft-bmp]: 32.74

Weather Conditions: HOT, HUMID, SUNNY

Fe+2 result (field measurement): N/A PPM

Time	Temperature	pH	Specific Conductance Circle One	Turbidity	Dissolved Oxygen	Redox Potential Note - Indicate if (+) or (-)	Depth To Water	Volume Purged	Approximate Purge Rate	Observations (PID readings, sample characteristics, equipment problems, etc.)
[hh:mm]	[°C]	[std]	[S/m] or [mS/cm]	[ntu]	[mg/l]	[mV]	[ft-bmp]	[liters]	[ml/min]	
11:29	20.30	5.47	0.243	355	1.82	-56	21.06	0.5	200	
11:34	20.52	5.52	0.250	278	0.0	-85	21.04	1.5	200	
11:39	21.00	5.62	0.257	248	0.0	-103	21.05	2.5	200	
11:44	21.63	5.71	0.259	243	0.0	-115	21.06	3.5	200	
11:49	22.19	5.73	0.259	247	0.0	-118	21.05	4.5	200	
11:54	22.4	5.75	0.260	241	0.2	-120	21.05	5.5	200	@ 1154
11:59	22.65	5.75	0.258	236	0.43	-118	21.05	6.5	200	
12:04	22.90	5.72	0.258	246	0.55	-119	21.05	7.5	200	
12:09	22.88	5.78	0.253	178	0.69	-121	21.05	8.5	200	
12:14	23.09	5.80	0.253	137	0.75	-123	21.05	9.5	200	
12:19	23.09	5.79	0.251	86.6	0.78	-124	21.05	10.5	200	
12:24	23.31	5.79	0.250	86.8	0.80	-124	21.05	11.5	200	
12:29	23.37	5.77	0.250	89.9	0.84	-125	21.05	12.5	200	

Comments:

Pump set at Nm feet below ground surface.

Signature: Maulio

GROUNDWATER LOW FLOW PURGE/SAMPLE FIELD INFORMATION FORM



Site UNIONDALE

Location: Uniondale, New York

Project Number: 053-6388

Meter/Type/Serial #: Horiba U-22 serial # 10237

Meter Calibrated @: 7/17/08 @ 0730

MONITORING WELL ID: MW-5

Sampling Date/Time: 7/17/08 @ 0920

Depth to Water Prior to Purging [ft-bmp]: 18.41

Sampler(s): T. Sharko and C. Jackson

Well Casing Diameter [in]: 2"

Sampling Device: Grundfos Pump + Teflon Tubing

Start Time (purging): 0805

Sample Characteristics: CLEAR, NO ODOR

Purging Device: Grundfos Pump & Teflon Tubing

PID Measurement of Well Headspace (ppm): 0.0

As-Built Construction Well Depth [ft-bmp]: N/A

Analytical Parameters: VOCs, SVOCs, Pesticides, PCBs, Metals

Sounded Well Depth [ft-bmp]: 27.65

Weather Conditions: WARM, SUNNY

Fe+2 result (field measurement): N/A PPM

Time	Temperature	pH	Specific Conductance Circle One	Turbidity	Dissolved Oxygen	Redox Potential Note - Indicate if (+) or (-)	Depth To Water	Volume Purged	Approximate Purge Rate	Observations (PID readings, sample characteristics, equipment problems, etc.)
[hh:mm]	[°C]	[std]	[S/m] or [mS/cm]	[ntu]	[mg/l]	[mV]	[ft-bmp]	[liters]	[ml/min]	
8:07	20.84	7.65	1.91	313	1.44	5	18.44	05	200	
8:12	19.18	5.51	0.598	170	0.0	119.18	18.44	1.5	200	53 - ORP
8:17	20.18	5.28	0.367	64.1	0.0	67	18.44	25	200	
8:22	20.0	5.20	0.323	51.9	0.0	76	18.44	35	200	
8:27	19.76	5.16	0.311	46.5	0.0	85	18.44	45	200	
8:32	19.64	5.13	0.307	43.2	0.0	98	18.44	55	200	
8:37	19.70	5.12	0.308	38.5	0.02	100	18.43	65	200	
8:42	19.52	5.10	0.305	42.0	0.57	102	18.44	75	200	
8:47	19.55	5.08	0.306	38.7	0.74	102	18.44	85	200	Temperature: 19.55°C
8:52	19.61	5.09	0.304	38.6	0.86	101	18.44	95	200	
8:57	19.66	5.08	0.302	38.5	0.92	102	18.44	105	200	
9:02	19.43	5.07	0.302	37.2	0.91	102	18.44	115	200	
9:07	19.64	5.05	0.300	34.0	0.98	104	18.45	125	200	
9:12	19.37	5.05	0.302	36.9	0.94	105	18.45	135	200	

Comments:

Pump set at NM feet below ground surface.

Signature: Mario

GROUNDWATER LOW FLOW PURGE/SAMPLE FIELD INFORMATION FORM



Site UNIONDALE

Location: Uniondale, New York

Project Number: 053-6388

Meter/Type/Serial #: Horiba U-22 serial # 10237

Meter Calibrated @: 07/16/08 @ 0835

MONITORING WELL ID: MW-6

Sampling Date/Time: 07/16/08 @ 1300

Depth to Water Prior to Purging [ft-bmp]: 16.83

Sampler(s): T. Sharko and C. Jackson

Well Casing Diameter [in]: 2"

Sampling Device: Grundfos pump + Teflon Tubing

Start Time (purging): 11:57

Sample Characteristics: clear, no odour

Purging Device: Grundfos Pump & Teflon Tubing

PID Measurement of Well Headspace (ppm): 0.00

As-Built Construction Well Depth [ft-bmp]: NA

Analytical Parameters: VOCs, SVOCs, Pesticides, PCBs, Metals

Sounded Well Depth [ft-bmp]: 28.68

Weather Conditions: WARM, SUNNY.

Fe+2 result (field measurement): N/A PPM

Time	Temperature	pH	Specific Conductance Circle One	Turbidity	Dissolved Oxygen	Redox Potential Note - Indicate if (+) or (-)	Depth To Water	Volume Purged	Approximate Purge Rate	Observations (PID readings, sample characteristics, equipment problems, etc.)
[hh:mm]	[°C]	[std]	[S/m] or [mS/cm]	[ntu]	[mg/l]	[mV]	[ft-bmp]	[liters]	[ml/min]	
11:58	18.58	6.20	0.811	780	3.86	27	16.85	0.5	300	
12:03	20.33	6.15	0.782	586	.02	14	16.84	2.0	300	
12:08	21.37	6.16	0.778	492	0.0	19	16.85	3.5	300	
12:13	21.27	6.16	0.780	302	0.0	27	16.84	5.0	300	
12:18	20.28	6.12	0.775	258	0.0	13	16.84	6.5	300	
12:23	19.87	6.10	0.766	217	0.0	-0	16.84	8.0	300	
12:28	19.87	6.10	0.758	213	0.0	-7	16.84	9.5	300	
12:33	19.77	6.09	0.758	204	0.81	-16	16.84	11.0	300	
12:38	19.59	6.08	0.754	209	1.03	-20	16.84	12.5	300	
12:43	19.73	6.08	0.752	209	1.10	-23	16.84	14.0	300	
12:48	19.67	6.08	0.747	205	1.18	-27	16.84	15.5	300	
12:53	19.39	6.08	0.747	214	1.20	-30	16.84	17.0	300	

Comments: Pump set at 24.0 feet below ground surface.

Signature: Mauler

GROUNDWATER LOW FLOW PURGE/SAMPLE FIELD INFORMATION FORM



Site UNIONDALE

Location: Uniondale, New York

Project Number: 053-6388

Meter/Type/Serial #: Horiba U-22 serial # 10237

Meter Calibrated @: 07/16/08 @ 0835

MONITORING WELL ID: MW-7

Sampling Date/Time: 07/16/08 @ 10:55

Depth to Water Prior to Purging [ft-bmp]: 19.65

Sampler(s): T. Sharko and C. Jackson

Well Casing Diameter [in]: 2"

Sampling Device: Grundfos Pump & Teflon Tubing

Start Time (purging): 0955

Sample Characteristics: Light brown tint - no odor

Purging Device: Grundfos Pump & Teflon Tubing

PID Measurement of Well Headspace (ppm): 0.0

As-Built Construction Well Depth [ft-bmp]: N/A

Analytical Parameters: VOCs, SVOCs, Pesticides, PCBs, Metals

Sounded Well Depth [ft-bmp]: 28.62

Weather Conditions: WARM, SUNNY

Fe+2 result (field measurement): N/A PPM

Time	Temperature	pH	Specific Conductance Circle One	Turbidity	Dissolved Oxygen	Redox Potential Note - Indicate If (+) or (-)	Depth To Water	Volume Purged	Approximate Purge Rate	Observations (PID readings, sample characteristics, equipment problems, etc.)
[hh:mm]	[°C]	[std]	[S/m] or [mS/cm]	[ntu]	[mg/l]	[mV]	[ft-bmp]	[liters]	[ml/min]	
0957	19.58	6.33	0.456	0.0	2.06	-149	19.68	0.5	200	
1002	21.29	6.12	0.478	727.0	0.94	-139	19.68	1.5	200	
1007	23.00	6.07	0.474	395.0	0.88	-130	19.68	2.5	200	
1012	23.96	6.05	0.481	288.0	0.95	-122	19.68	3.5	200	
1017	25.05	6.02	0.482	273.0	0.99	-117	19.68	4.5	200	
1022	26.57	6.00	0.465	175.0	0.96	-116	19.68	5.5	200	
1027	26.23	6.00	0.464	145.0	1.15	-113	19.68	6.5	200	
1032	22.06	5.99	0.423	5.8	1.20	-123	19.68	7.5	200	
1037	23.70	5.96	0.408	3.6	1.16	-123	19.65	8.5	200	
10:42	23.95	5.97	0.419	5.7	1.13	-120	19.65	9.5	200	
10:47	22.51	5.98	0.409	12.7	1.24	-126	19.65	10.5	200	

Comments:

Pump set at Nm feet below ground surface.

Signature: Maele

GROUNDWATER LOW FLOW PURGE/SAMPLE FIELD INFORMATION FORM



Site UNIONDALE

Location: Uniondale, New York

Project Number: 053-6388

Meter/Type/Serial #: Horiba U-22 serial # 10237

Meter Calibrated @: 07/17/08 @ 0730

MONITORING WELL ID: MW-8

Sampling Date/Time: 07/17/08 @ 1045

Depth to Water Prior to Purging [ft-bmp]: 19.89

Sampler(s): T. Sharko and C. Jackson

Well Casing Diameter [in]: 2"

Sampling Device: Grundfos Pump + Teflon Tubing

Start Time (purging): 0950

Sample Characteristics: CLOUDY, NO ODOUR

Purging Device: Grundfos Pump + Teflon Tubing

PID Measurement of Well Headspace (ppm): 0.0 ppm

As-Built Construction Well Depth [ft-bmp]: 28.65

Analytical Parameters: VOCs, SVOCs, Pesticides, PCBs, Metals

Sounded Well Depth [ft-bmp]: 28.65

Weather Conditions: Warm, Sunny

Fe+2 result (field measurement): N/A PPM

Time	Temperature	pH	Specific Conductance Circle One	Turbidity	Dissolved Oxygen	Redox Potential Note - Indicate if (+) or (-)	Depth To Water	Volume Purged	Approximate Purge Rate	Observations (PID readings, sample characteristics, equipment problems, etc.)
[hh:mm]	[°C]	[std]	[S/m] or [mS/cm]	[ntu]	[mg/l]	[mV]	[ft-bmp]	[liters]	[ml/min]	
953	20.56	5.85	0.233	35.6	7.68	89	19.89	0.5	240	Turb = 0
958	20.82	5.68	0.168	0	4.89	49	19.90	1.7	240	
1003	20.38	5.70	0.160	637	4.88	71	19.90	2.9	240	
1008	19.66	5.71	0.161	467	4.69	83	19.89	4.1	240	
1013	19.93	5.74	0.157	327	4.47	89	19.89	5.3	240	
1018	21.56	5.75	0.154	305	4.37	86	19.89	6.5	240	
1023	22.07	5.78	0.155	296	4.19	72	19.88	7.7	240	
1028	22.84	5.75	0.151	270	4.28	77	19.88	8.9	240	
1033	22.85	5.76	0.152	274	4.17	83	19.88	10.1	240	
1038	22.90	5.74	0.154	268	4.14	85	19.88	11.3	240	

Comments: Pump set at 25.25 feet below ground surface.

Signature: Mallio

ATTACHMENT B
CHAIN-OF-CUSTODY

TAL-4124 (1007)

Client

Drinking Water? Yes ☐ No ☐

THE LEADER IN ENVIRONMENTAL TESTING

Possible Hazard Identification			Sample Disposal		
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown			☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months		
Turn Around Time Required ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other <u>STANDARD</u>			QC Requirements (Specify)		
1. Relinquished By <u>Maulio (GOLDER)</u>			1. Received By _____		
Date <u>07/17/08</u>			Date _____		
Time <u>1850</u>			Time _____		
2. Relinquished By _____			2. Received By _____		
Date _____			Date _____		
Time _____			Time _____		
3. Relinquished By _____			3. Received By _____		
Date _____			Date _____		
Time _____			Time _____		
Comments _____					

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy