NYSEG

October 25, 2006

Douglas Flint
25-27 McMaster Street
Auburn, NY 13021

Subject: Auburn McMaster Street Former Manufactured Gas Plant (MGP) Site
Remedial Investigation (RI)
Analytical Results 25-27 McMaster Street, Auburn , NY

Dear Mr. Flint:

Per the terms of the access agreement for the above-referenced site investigation, NYSEG is sending you the following documents relating to the soil and groundwater samples collected from your property at 25-27 McMaster Street:

- A drawing that shows the relative location of the monitoring well installed on your property
- Soil boring/well construction log; and
- Laboratory analytical data summarized in tabular format.

As noted in enclosed data tables, the analytical results for the groundwater samples collected from your property do not exceed the New York State Department of Environmental Conservation (DEC) groundwater quality standards (TOGS 1.1.1, Class GA) for any volatile or semivolatile (VOC or SVOC) compounds tested. The metals (iron, magnesium and sodium) detected above DEC groundwater quality standards are not believed to be related to the MGP site. In addition, the enclosed boring log does not indicate any visual or odorous evidence of MGP coal tar from the soil and rock core samples examined.

The enclosed data will be incorporated into a comprehensive report of all site investigation findings, which we expect to submit to DEC by the spring of 2007. If you need help interpreting the enclosed data, please contact Mr. John Spellman of the DEC at (518) 402-9662. Any health related questions should be directed to Ms. Julia Guastella of the New York State Department of Health at (518) 402-7860.

It is important to note that some monitoring wells in the area have shown MGP-related compounds in the shallow bedrock groundwater regime. At this time, NYSEG is proposing to install several deep bedrock monitoring wells on the MGP site and nearby properties to determine how deep MGP-related compounds may have been transported into bedrock groundwater. As such, NYSEG will again request access to your property to install at least one deep bedrock monitoring well, likely towards the northwest corner of your property. Once the scope for this additional work has been finalized and approved by DEC, NYSEG or its agent will contact you in advance to provide you with work details and to request a time for access.

In the event that any remedial action must be taken on your property as a result of MGP-related impacts, NYSEG will conduct the work at no cost to you. We truly appreciate your cooperation with this important site investigation project. Should you have any questions concerning the status of the site investigation or site history, please feel free to contact me by email at jjruspantini@nyseg,com or by phone at (607) 762-8787.

Sincerely,
NYSEG

John J. Ruspantini, CHMM
Environmental Analyst
Site Investigation & Remediation

Enclosure

cc: Joseph M. Simone – NYSEG
John Spellman – DEC Albany
Julia Guastella – DOH Troy

cc w/o enc: Scott A Powlin - BBL
Cheryl J. Cooper – NYSEG Auburn

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PRELIMINARY DATA

TABLE 1
GROUNDWATER ANALYTICAL RESULTS - AUBURN TRADING POST PROPERTY

NEW YORK STATE ELECTRIC & GAS CORPORATION
AUBURN (McMASTER STREET) FORMER MGP SITE
AUBURN, NEW YORK

Sample ID: / Date Collected:	NYSDEC TOGS	MW-06-14R 08/11/06
VOCs		
1,1,1-Trichloroethane	5	5 U
1,1,2,2-Tetrachloroethane	5	5 U
1,1,2-Trichloroethane	1	5 U
1,1-Dichloroethane	5	5 U
1,1-Dichloroethene	5	5 U
1,2-Dichloroethane	0.6	5 U
1,2-Dichloropropane	1	5 U
2-Butanone	50	25 U
2-Hexanone	50	25 U
4-Methyl-2-Pentanone	--	25 U
Acetone	50	5.7 J
Benzene	1	5 U
Bromodichloromethane	50	5 U
Bromoform	50	5 U
Bromomethane	5	5 U
Carbon Disulfide	60	0.87 J
Carbon Tetrachloride	5	5 U
Chlorobenzene	5	5 U
Chloroethane	5	5 U
Chloroform	7	2.3 J
Chloromethane	5	5 U
cis-1,2-Dichloroethene	5	5 U
cis-1,3-Dichloropropene	0.4	5 U
Ethylbenzene	5	5 U
Methylene Chloride	5	5 U
Styrene	5	5 U
Tetrachloroethene	5	5 U
Toluene	5	5 U
trans-1,2-Dichloroethene	5	5 U
trans-1,3-Dichloropropene	0.4	5 U
Trichloroethene	5	5 U
Vinyl Chloride	2	5 U
Xylene (Total)	5	15 U
Total BTEX	--	ND
SVOCs		
2,4-Dinitrotoluene	5	10 U
2,6-Dinitrotoluene	5	10 U
2-Chloronaphthalene	10	10 U
2-Methylnaphthalene	--	10 U
2-Nitroaniline	5	48 U
3,3'-Dichlorobenzidine	5	19 U
3-Nitroaniline	5	48 U
4-Bromophenyl-phenylether	--	10 U
4-Chloroaniline	5	10 U
4-Chlorophenyl-phenylether	--	10 U
4-Nitroaniline	5	48 U
Acenaphthene	20	10 U
Acenaphthylene	--	10 U
Anthracene	50	10 U
Benzo(a)anthracene	0.002	10 U
Benzo(a)pyrene	--	10 U
Benzo(b)fluoranthene	0.002	10 U
Benzo(g,h,i)perylene	--	10 U
Benzo(k)fluoranthene	0.002	10 U
bis(2-Chloroethoxy)methane	5	10 U
bis(2-Chloroethyl)ether	--	10 U
bis(2-chloroisopropyl)ether	5	10 U
bis(2-Ethylhexyl)phthalate	5	10 U
Butylbenzylphthalate	50	10 U

See Notes on Page 3.

TABLE 1 *PRELIMINARY DATA*

GROUNDWATER ANALYTICAL RESULTS - AUBURN TRADING POST PROPERTY

NEW YORK STATE ELECTRIC & GAS CORPORATION
AUBURN (McMASTER STREET) FORMER MGP SITE
AUBURN, NEW YORK

Sample ID: / Date Collected:	NYSDEC TOGS	MW-06-14R 08/11/06
SVOCs (Cont'd.)		
Carbazole	- -	10 U
Chrysene	0.002	10 U
Dibenz(a,h)anthracene	- -	10 U
Dibenzofuran	- -	10 U
Diethylphthalate	50	10 U
Dimethylphthalate	50	10 U
Di-n-butylphthalate	50	10 U
Di-n-octylphthalate	50	10 U
Fluoranthene	50	10 U
Fluorene	50	10 U
Hexachlorobenzene	0.04	10 U
Hexachlorobutadiene	0.5	10 U
Hexachlorocyclopentadiene	5	43 U
Hexachloroethane	5	10 U
Indeno(1,2,3-cd)pyrene	0.002	10 U
Isophorone	50	10 U
Naphthalene	10	0.5 J
Nitrobenzene	0.4	10 U
N-Nitroso-di-n-propylamine	- -	10 U
N-Nitrosodiphenylamine	50	10 U
Phenanthrene	50	10 U
Pyrene	50	10 U
Total PAHs	- -	0.5 J
Metals		
Aluminum	- -	200 U
Antimony	3	20 U
Arsenic	25	10 U
Barium	1,000	187
Beryllium	3	2 U
Cadmium	5	1 U
Calcium	- -	119,000
Chromium	50	4 U
Cobalt	- -	4 U
Copper	200	10 U
Cyanide, Total	200	10 U
Iron	300	731
Lead	25	5 U
Magnesium	35,000	39,500
Manganese	300	133
Mercury	0.7	0.2 U
Nickel	100	10 U
Potassium	- -	9,200
Selenium	10	15 U
Silver	50	3 U
Sodium	20,000	223,000
Thallium	0.5	20 U
Vanadium	- -	5 U
Zinc	2,000	10 U

See Notes on Page 3.

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GROUNDWATER ANALYTICAL RESULTS - AUBURN TRADING POST PROPERTY

NEW YORK STATE ELECTRIC & GAS CORPORATION
AUBURN (McMASTER STREET) FORMER MGP SITE
AUBURN, NEW YORK

Notes:

Results reported in micrograms per liter (ug/L); equivalent to parts per billion (ppb).

NYSDEC TOGS = New York State Department of Environmental Conservation Division of Water Technical and Operations Guidance Series (TOGS) No. 1.1.1. Revised March 12, 1998. Modified April 2000.

NA = Not Analyzed.

ND = Not Detected.

-- = Not Available/Not Applicable.

Data Qualifiers:

B = The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.

D = The reported concentration is based on a diluted sample analysis.

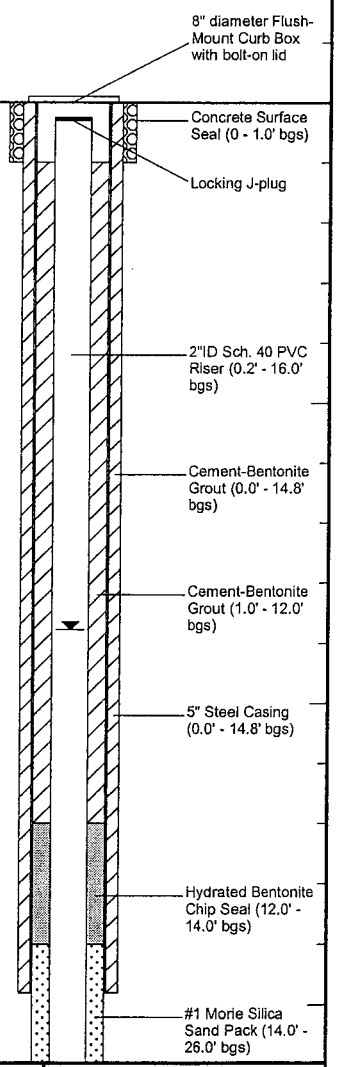
E (inorganics) = The reported value is estimated due to the presence of interference.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

Date Start/Finish: 7/24/06 - 7/27/06 **Drilling Company:** Lyon Drilling **Driller's Name:** Harry Lyon **Drilling Method:** Hollow Stem Auger/ Rock Coring **Sampler Size:** 2" Split Spoon/HQ core barrel **Auger Size:** 4 1/4" ID **Rig Type:** CME-55 Truck Mount	**Northing:** 1068931.36 **Easting:** 822917.09 **Casing Elevation:** 660.69 **Surface Elevation:** 661.03 **Borehole Depth:** 28' bgs **Geologist:** Jennifer Sandorf	**Well ID:** MW-06-14R **DRAFT** **Client:** New York State Electric and Gas **Location:** McMaster Street Auburn, NY

Depth (ft. bgs) / Elevation (ft. AMSL)	Sample Run Number	Sample/Int/Type	Blows per 6 Inches	N - Value / RQD (%)	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Bedrock Fractures	Stratigraphic Description
0									
660	1	0-2'	NA 15 29 12	44	0.0	NA			ASPHALT. Auger through Asphalt and subbase to 0.5' bgs. No recovery.
	2	2-4'	3 2 3 3	5	1.0	0.0			Dark brown fine to medium SAND, little coarse Sand and fine to medium Gravel, trace Silt, trace Ash and red Brick fragments, trace black Coal fragments, loose, moist.
5	3	4-6'	2 4 3 3	7	1.6	0.0			Red Silty fine SAND, trace Brick and Coal fragments, loose, moist.
655	4	6-8'	2 14 9 4	23	1.2	15.8			Light brown CLAY, stiff, slightly plastic, dry. Black fine to coarse SAND, trace fine to medium Gravel, trace Coal fragments, trace fragments of dry crumbly material (like dried rubber?), loose, dry to moist, slight odor. As above, no odor.
	5	8-10'	1 1 3 2	4	0.8	0.0			Light gray-brown Silty CLAY, little medium to coarse subangular Gravel, moderately soft, plastic, moist to wet. As above, moderately soft to slightly stiff.
10									
650	6	10-12'	2 1 1 1	2	1.5	0.0			Brown very fine to medium SAND, little Silt, trace natural Organics (wood), loose, moist to wet. As above, increasing Silt with depth, very fine Rootlets but no wood observed, soft, wet. Weathered broken Rock fragments at bottom of spoon.
	7	12-12.8'	2 50/ 0.3	50/ 0.3	1.6	0.0			
	8	12.8-14.8	NA	64%	1.1	0.0		hz/f la/f	Blue gray LIMESTONE, laminated with light gray and dark gray bands, freshly weathered fractures, hard. vertical fracture 13.6-13.9' bgs.
15									
	9	15-20'	NA	89%	4.4	0.0		hz/f	Blue gray LIMESTONE, laminated, freshly weathered fractures, hard. Vertical fracture 16.2-16.6'.



BBL an ARCADIS company

Remarks:
bgs = below ground surface; NA = Not Applicable/Not Available; AMSL = Above Mean Sea Level.
hz = horizontal; v = vertical; la = low angle; ha = high angle; f = fresh; sw = slightly weathered.

Water Level Data

Date	Depth	Elev.
7/31/06	8.58'	

Depth measured from top of casing.

Client:
New York State Electric and Gas

Site Location:
McMaster Street
Auburn, NY

Well ID: MW-06-14R

Borehole Depth: 28' bgs

DRAFT

Depth (ft. bgs) / Elevation (ft. AMSL)	Sample Run Number	Sample/Int/Type	Blows per 6 Inches	N - Value / RQD (%)	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Bedrock Fractures	Stratigraphic Description
645								hz/f	Blue gray LIMESTONE, laminated, freshly weathered fractures, hard.
								hz/f	Vertical fracture 16.2-16.6'.
								hz/f	
	9	15-20'	NA	89%	4.4	0.0		hz/f	
								la/f	
20									
640								hz/f	Blue gray LIMESTONE, laminated, freshly weathered fractures, hard.
								la/f	Broken zone 20-20.4' bgs.
	10	20-25'	NA	92%	4.8	0.0			High angle fracture 24.15-24.4' bgs.
								hz/f	
								hz/f	
25									
635								hz/f	Blue gray LIMESTONE, laminated, freshly weathered fractures, hard.
	11	25-28'	NA	100%	3.45	0.0		hz/f	
								hz/f	
								hz/f	
30									
630									
35									

Well Construction

- 2" ID 0.020" slot Sch. 40 PVC Screen (16.0' - 26.0' bgs)
- #1 Morie Silica Sand Pack (14.0' - 26.0' bgs)
- 2"ID Sch. 40 PVC Sump (26.0' - 28.0' bgs)
- Cement-Bentonite Grout (26.0' - 28.0' bgs)

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Remarks:
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hz = horizontal; v = vertical; la = low angle; ha = high angle; f = fresh; sw = slightly weathered.

Water Level Data

Date	Depth	Elev.
7/31/06	8.58'	

Depth measured from top of casing.

STATE PRISON

BASKETBALL

SLAB

OWASCO OUTLET

OWASCO OUTLET

RENNANTS OF DAM

OUTLET PIPE

RETAINING WALL

TOWER

SHED

GAS HOLDER

RETORTS

PURIFIER

COLLISION SHOP

COKE SHED

COKE SHED

EDGE OF ASPHALT

RETAINING WALL

PARKING

AUBURN TANK & MFG COMPANY INC.

PARKING

PARKING

CONRAIL

WESTBOUND ARTERIAL

RUIN

TOWER

SAN-MH-1

SAN-MH-2

SAN-MH-3

SAN-MH-4

SAN-MH-5

SAN-MH-9

SAN-MH-10

SAN-MH-11

SAN-MH-12

MW-06-14R

30"

36"

LEGEND:

- MW-06-14R — MONITORING WELL
- WATER EDGE
- SITE BOUNDARY
- HISTORICAL MGP STRUCTURE
- —S— SANITARY PIPELINE
- O SAN-MH-1 SANITARY MANHOLE

NOTES:

1. BASE MAP PREPARED BY MERGING SITE HISTORICAL LOCATIONS FROM ELECTRONIC CADD FILE PROVIDED BY NYSEG ON 2/18/04, NAMED AUBMCMAS.DWG, INTO FILE NAMED BASE_MAP.DWG, ALSO PROVIDED BY NYSEG ON 2/18/04. LAST REVISION DATE AND COORDINATE POSITIONING OF THESE FILES UNKNOWN.
2. SANITARY LINE AND MANHOLE LOCATIONS BASED ON SURVEY PROVIDED BY NYSEG ON 5/31/06.
3. PROPERTY LINES FOR AUBURN TANK AND AUBURN TRADING POST PROPERTY DIGITIZED FROM TAX MAP 115.52-1, PROVIDED BY NYSEG ON 10/18/06.

0 80' 160'

GRAPHIC SCALE

NEW YORK STATE ELECTRIC & GAS
AUBURN (McMASTER STREET) FORMER MGP SITE
REMEDIAL INVESTIGATION

MONITORING WELL LOCATION - AUBURN TRADING POST PROPERTY

BBL an ARCADIS company

FIGURE 1

SYR-BS-NLR RCA PGL RCA LAYER: ON=*; OFF=REF (FR2)
F:\ACTIVE\-DWG\ACT\13049002\#1\13049B02.DWG SAVED:10/25/2006 1:39 PM LAYOUT:Layout1 PAGESETUP:---- PENTABLE:PLTUULL.CTB PRINTED:10/25/2006 1:39 PM BY:RALLEN
PROJECTNAME:----
XREFS:
IMAGES:
13049X01