

June 18, 2014

Ms. Elizabeth Lukowski
Remedial Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation, Remedial Bureau C, Section A
625 Broadway, 11th Floor
Albany, New York 12233-7014

Subject: Off-Site Investigation
Patchogue Former MGP Site
NYSDEC Site No. 1-52-182
Village of Patchogue, Suffolk County, New York

Dear Ms. Lukowski:

This letter presents the results of the performance of the investigation activities conducted on the off-site property (212 West Main Street occupied by Above All Store Fronts, Inc.) adjacent to the Patchogue Former Manufactured Gas Plant (MGP) site (hereinafter referred to as the "Site"). These activities were performed in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved letter work plan dated August 8, 2013. The NYSDEC approval was received in a letter dated August 20, 2013.

A total of 11 soil borings were completed during a two-day field effort conducted on May 7 and 8, 2014. The following table provides a summary of the observations recorded during the soil boring program. A figure depicting the locations of the soil borings is attached to this letter (Figure 1).

Soil Boring ID	Depth Interval (ft., bgs)	Remarks
SB-201	4.5 - 4.8	Black stringy, tacky, viscous tar-like material, moderate naphthalene-like odor.
SB-202	4.0 - 5.1	Slight naphthalene-like odor.
	5.3 - 5.5	Black viscous, tacky, stringy tar-like material partially coating sand grains, moderate naphthalene-like odor.
	5.8 - 6.1	Black viscous, tacky, stringy tar-like material partially coating sand grains, moderate naphthalene-like odor.
	9.0 - 9.3	Sporadic sheen visible on sand grains within soil core and on acetate liner.
SB-203	3.8 - 4.0	Slight sheen visible on gravel surfaces, strong naphthalene-like odor.
	4.0 - 4.3	Slight naphthalene-like odor.
SB-204	--	No visible observations or odor indicative of MGP-related materials.
SB-205	--	No visible observations or odor indicative of MGP-related materials.
SB-206	3.5 - 4	Black, tacky, viscous, stringy, tar-like material partially coating wood and sand grains, moderate sheen, moderate naphthalene-like odor.
	4.0 - 4.9	Slight naphthalene-like odor.
SB-207	4.4 - 5.0	Slight sheen visible on sand grains, slight naphthalene-like odor.
	5.0 - 5.2	Slight naphthalene-like odor.

Soil Boring ID	Depth Interval (ft., bgs)	Remarks
SB-208	5.6 - 5.8	Black stringy, tacky tar-like material partially coating sand grains and wood, strong naphthalene-like odor.
SB-209	2.9	Specs of sheen on surface of water in borehole.
	3.0 - 3.3	Moderate sheen on sand grains, moderate naphthalene-like odor.
SB-210	15 - 31	Soils recovered from 15 to 31 feet bgs had a faint to slight naphthalene-like odor likely due to potential transport of impacted groundwater during the drilling process from shallower intervals to the base of the borehole. No recovery from 27 to 29 or 29 to 31 feet bgs.
SB-211	2.6 - 4.7	Slight naphthalene-like odor.
	5.0 - 8.6	Slight naphthalene-like odor.

In accordance with the letter work plan dated August 8, 2013, the following items associated with the off-site investigation are being submitted:

- Soil boring logs;
- Updated figure showing locations for the soil borings (Figure 1); and
- Updated geologic cross-section C-C' incorporating observations from the off-site investigation (Figure 2).

In addition, geologic cross-section D-D' is provided as Figure 3, which depicts subsurface conditions along the western portion of the off-site property.

Based on the above observations and attached documentation, National Grid recommends additional delineation efforts with the main objectives being:

- Defining the lateral extent of MGP-related impacts to soils; and
- Collection of data necessary to establish the limits of remediation on the off-site property such that following completion of the remedial activities, no institutional controls (i.e., Deed Restrictions, Site Management Plans, etc.) for either soil or groundwater will be required to be established for this property.

National Grid will prepare a letter work plan for submission to the NYSDEC proposing the additional delineation efforts required to remediate the off-site property to an alternate standard, other than that which is currently presented in the Record of Decision (ROD), by which the need for any institutional controls such as a deed restriction, site management plan, or other control for both soil and groundwater is avoided. In the event that a standard cannot be agreed upon, National Grid will continue with the off-site remediation in accordance with the previously approved ROD and conduct the additional delineation based upon visual impacts.

National Grid respectfully requests a meeting with you and other members of the NYSDEC Patchogue team to discuss the overall cleanup objectives for the off-site property and collaboratively determine the standard.

Ms. Elizabeth Lukowski

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If you should have any questions, comments or require any additional information, please do not hesitate to contact me (516) 545-2568.

Sincerely,

A handwritten signature in dark ink, reading "Catherine E. Tiet". The signature is fluid and cursive, with the first name "Catherine" being more prominent than the last name "Tiet".

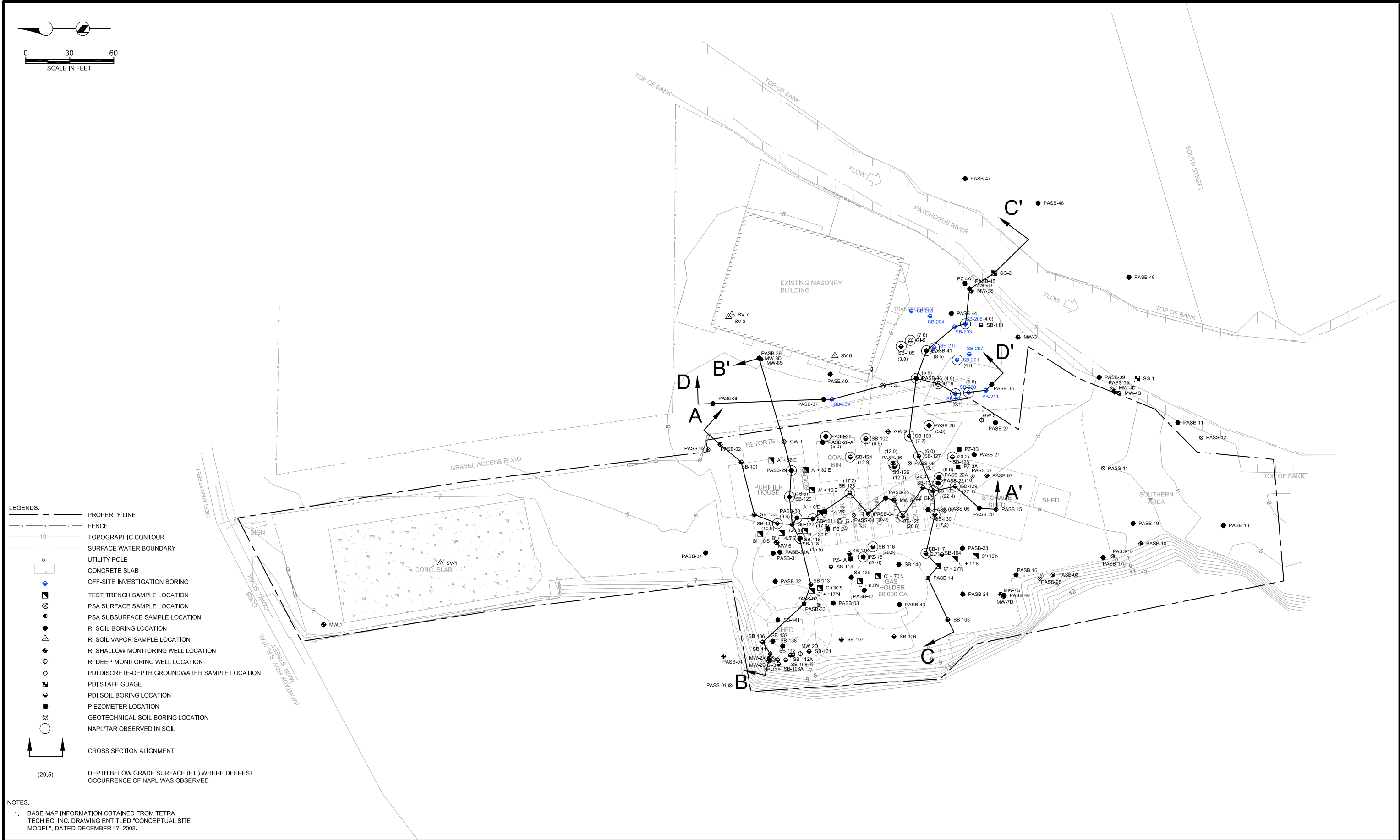
for

Sarah Aldridge

Project Manager, Site Investigation and Remediation

Attachments

cc: J. Nealon, NYSDOH
A. Juchatz, SCDHS
R. Milito, SCDHS
G. Heitzman, NYSDEC
G. Cross, NYSDEC
S. Deyette, NYSDEC



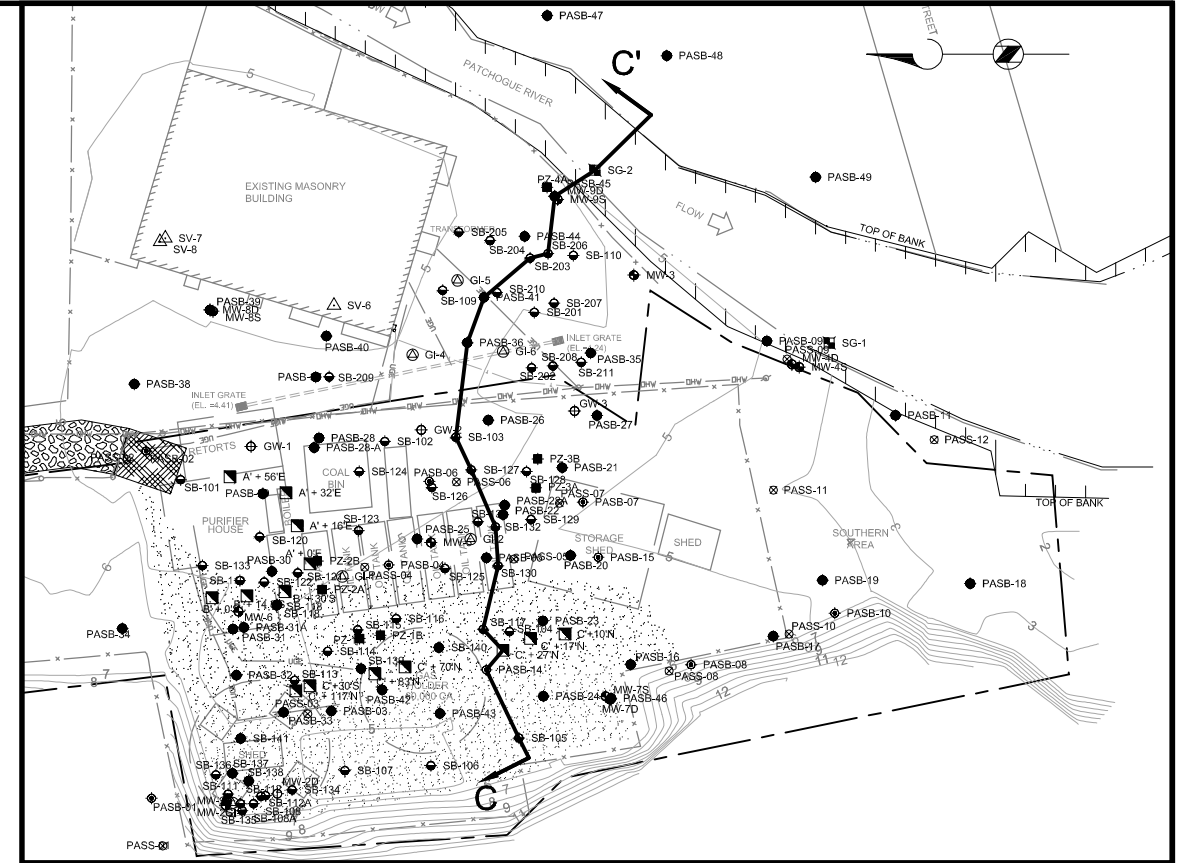
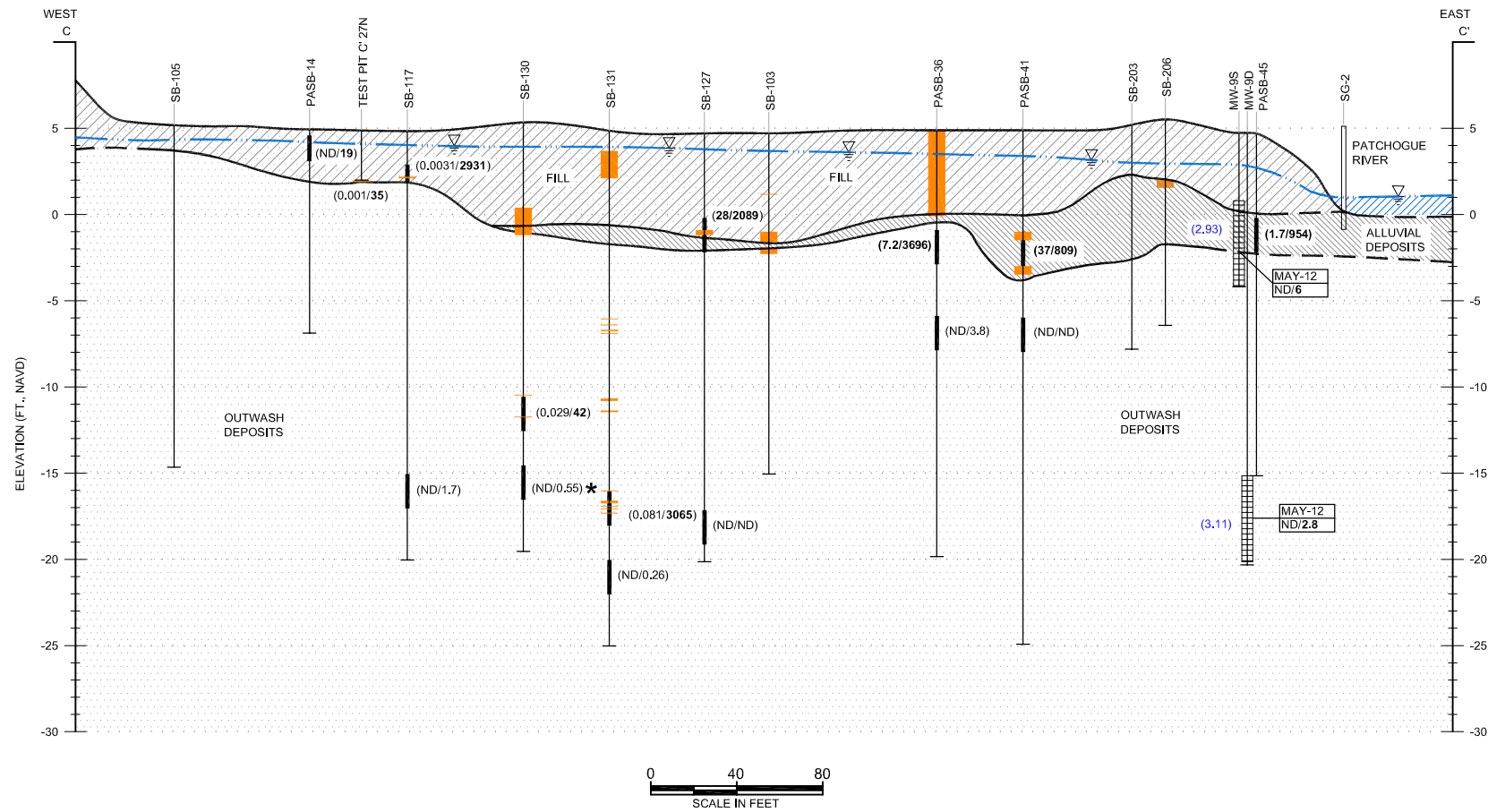
DATE: June 17, 2014

NATIONAL GRID
PATCHOGUE FORMER MGP SITE
234 WEST MAIN STREET
VILLAGE OF PATCHOGUE, NEW YORK

SITE PLAN

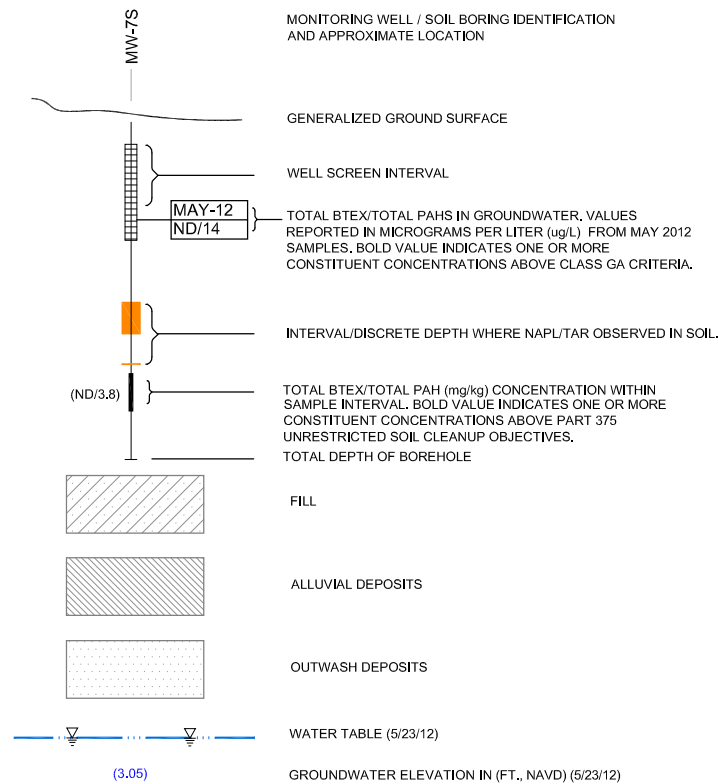
FIGURE

1



PARTIAL PLAN
SCALE: 1" = 40'

LEGEND:



ABBREVIATIONS:

BTEX	BENZENE, TOLUENE, ETHYLBENZENE AND XYLENE ISOMERS
PAH	POLYCYCLIC AROMATIC HYDROCARBONS
ND	NOT DETECTED
*	HIGHEST TOTAL BTEX OR TOTAL PAH VALUE LISTED FROM ORIGINAL AND DUPLICATE SAMPLE



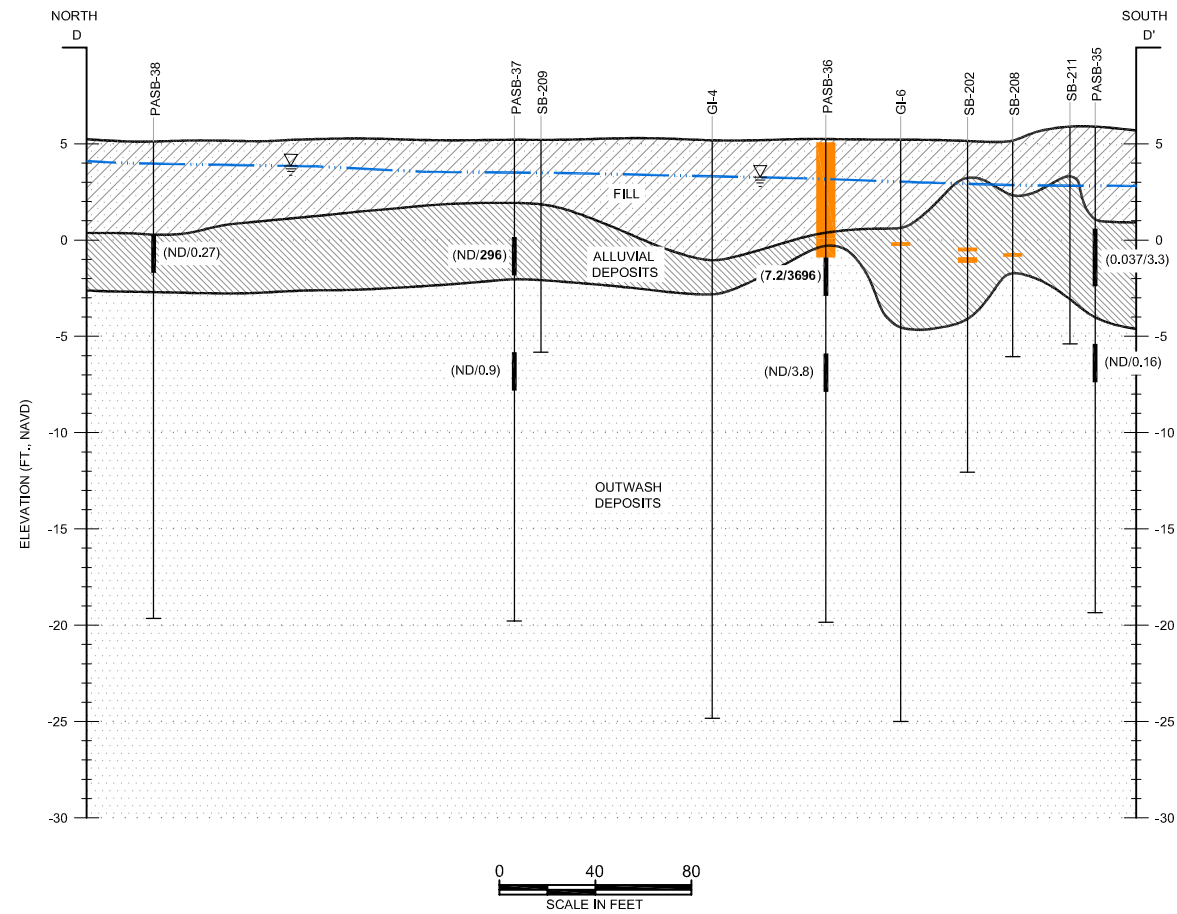
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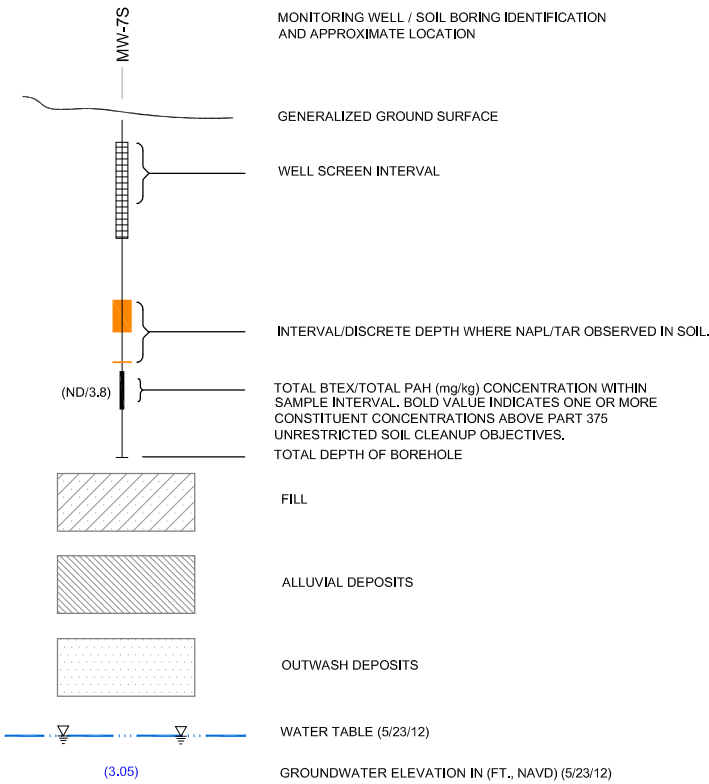
GEOLOGICAL CROSS SECTION C-C'

FIGURE

2

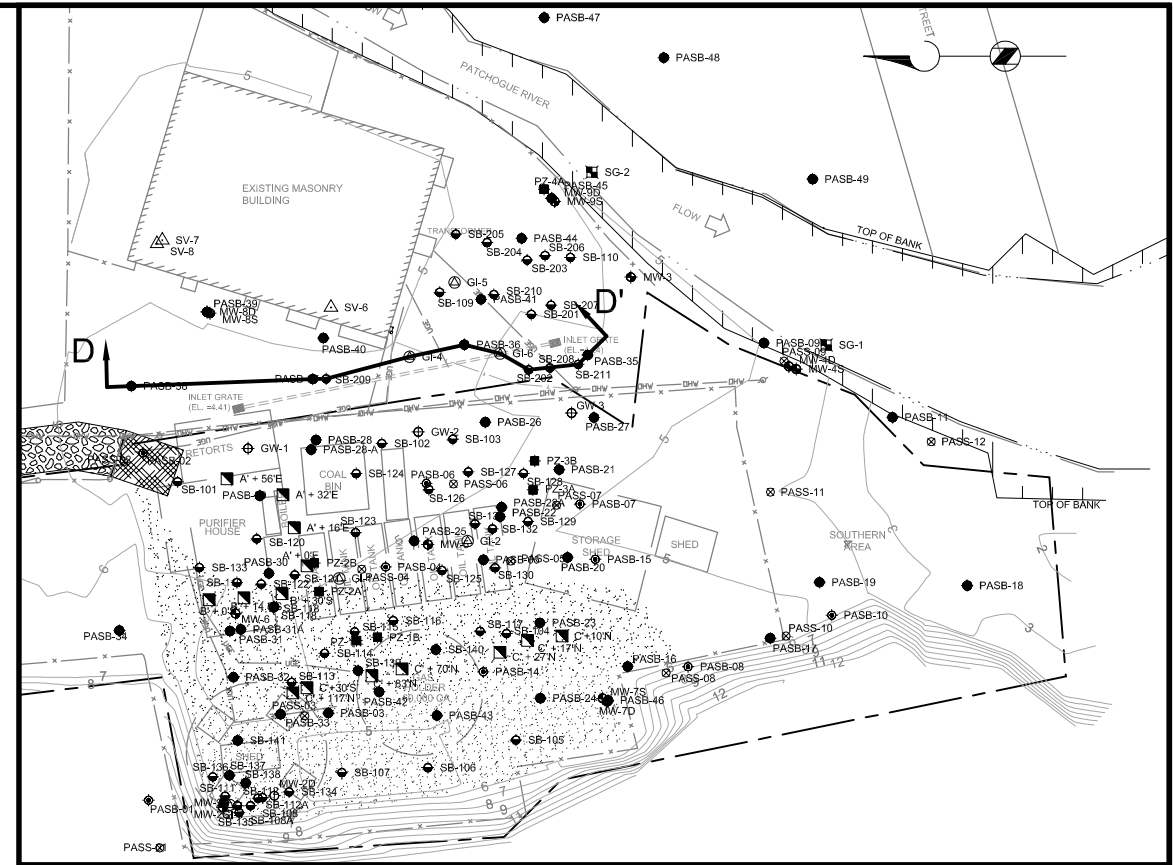


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SCALE: 1" = 40'



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GEOLOGICAL CROSS SECTION D-D'

FIGURE

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