

Site Location
 North 2
 East 2

Coordinate System: NAD 83 State Plane NAD 83 Long Island Units: Feet US



Legend

Site Location

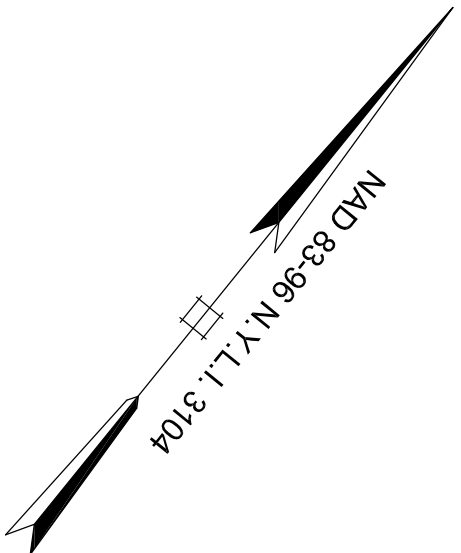


ENVIRONMENT & INFRASTRUCTURE
 200 AMERICAN METRO BUILDING SUITE 200
 100 MILL STREET, NEW YORK, NY 10038

Figure 1

Site Location Map
 Rad I and Rad II
 Long Island City, Queens, New York

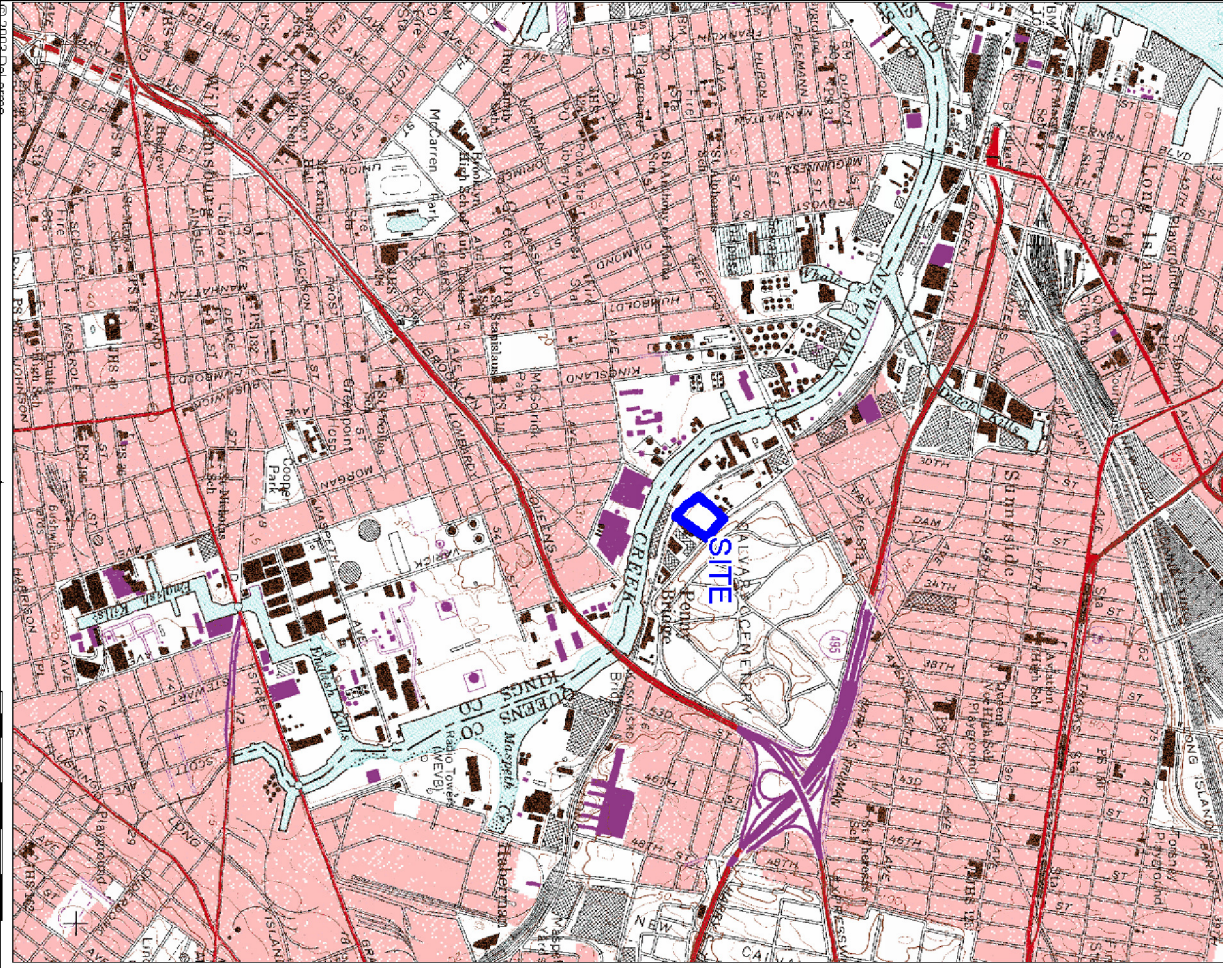
PROJECT NO.	2000000000	2000000000	REVISION
DATE	SL	NS	



- EXISTING
- FIRE HYDRANT
 - UNKNOWN VALVE
 - LIGHT POLE
 - UTILITY POLE
 - CATCHBASIN
 - ROUND CATCHBASIN
 - MONITORING WELL
 - PROTECTIVE POST
 - LARGE TREE
 - SMALL TREE
 - GAS VALVE
 - WATER VALVE
 - WATER BOX
 - ELECTRIC MANHOLE
 - RAILROAD SIGNAL
 - SANITARY MANHOLE
 - WATER MANHOLE
 - TELEPHONE MANHOLE
 - UNKNOWN MANHOLE
 - REMEDICATION SYSTEM
 - PIPING VAULT (TYP)
 - Conc. Vault For Monitor Well

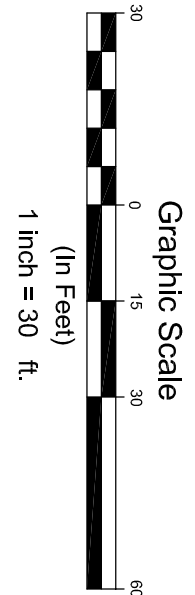
LINE LEGEND

- EXISTING
- CONTOUR MAJOR
 - CONTOUR MINOR
 - RAIL ROAD TRACKS
 - PROPERTY LINE
 - ADJOINER PROPERTY LINE
 - CHAIN LINK FENCE
 - OVERHEAD WIRES
- PROPOSED
- CONTOUR MAJOR
 - CONTOUR MINOR
 - RAIL ROAD TRACKS
 - PROPERTY LINE
 - ADJOINER PROPERTY LINE
 - CHAIN LINK FENCE
 - OVERHEAD WIRES












- NOTES:
- HORIZONTAL DATUM IS NORTH AMERICAN DATUM OF 1983 (NAD83) NEW YORK STATE PLANE COORDINATES. LONG ISLAND ZONE 3104. VERTICAL DATUM NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVOD83).
 - ANYTHING SHOWN OUTSIDE THE DEFINED BOUNDARY OF THIS MAP IS FOR DESCRIPTIVE PURPOSES ONLY. THIS IS NOT A VALID TRUE COPY OF THIS DOCUMENT UNLESS IT BEARS THE ORIGINAL SIGNATURE AND THE RAISED EMBOSSED SEAL OF THE SURVEYOR NOTED HEREON.
 - THIS SURVEY IS SUBJECT TO ANY EASEMENTS, RESTRICTIONS, OR COVENANTS THAT MAY EXIST. THIS PROPERTY MAY ALSO BE SUBJECT TO VARIOUS UTILITY EASEMENTS (I.E. POWER, TELEPHONE, SANITARY & REFERENCE PLATS ASSOCIATED WITH THIS PROPERTY, ANY UTILITIES SHOWN HEREON ARE BASED ON FIELD SURFACE LOCATIONS, AND WERE NOT VERIFIED AS TO SIZE, DEPTH, MATERIAL, WORK CONDITION, DUE TO LACK OF PHYSICAL EVIDENCE (I.E. PROPERTY CORNERS, BOROUGH MONUMENTS) FOUND DURING FIELD SURVEY. PROPERTY BOUNDARY LINES WERE ESTABLISHED BY SETTING EXISTING RIGHTS-OF-WAY AS DEPICTED ON BOROUGH SECTIONS MAPS BASED UPON PHYSICAL CENTERLINE OF EXISTING ROADWAY SURVEY. SURVEY IS BASED UPON GPS, RAPID STATIC APPLICATIONS, ALONG WITH CONVENTIONAL SURVEY METHODS. ALL SURVEYING WAS PERFORMED BETWEEN APRIL AND JULY 2011, DECEMBER 2014 AND UPDATED JULY, AUGUST, SEPTEMBER, AND NOVEMBER 2015.
 - UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7208, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.
 - MONITORING WELLS SHOWN ARE FROM PLANS, CURRENT FIELD MEASUREMENTS AND/OR HISTORICAL FIELD MEASUREMENTS.
 - ALL DISTANCES SHOWN ARE IN U.S. SURVEY FEET.

FIGURE 2
SITE MANAGEMENT PLAN RAD I



GEOD CORPORATION PHOTOGRAMMETRIC SERVICES - SURVEY TECHNOLOGIES 24 Kenneth Rd., Hicksville, N.Y. 11803 • (516) 887-2122 FAX (516) 887-8433		Drawn By: S.B.M. Checked: R.J.L. Scale: 1" = 30' Date: 11-25-15 Proj. No.: 35223 Page: 1 of 1
As-Built Survey RAD I Block 312 Lot 41 37-30 Review Avenue Long Island City, Queens, N.Y. 11101		PAUL J. EMILIUS JR. N.Y. Professional Land Surveyor License No. 52003

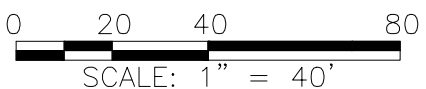
FIRE HYDRANT
 UNKNOWN VALVE
 LIGHT POLE
 UTILITY POLE
 CATCHBASIN
 ROUND CATCHBASIN
 MONITORING WELL
 (INCLUDED IN LNAPL MONITORING PROGRAM)
 MONITORING WELL
 (INCLUDED IN GROUNDWATER MONITORING PROGRAM)
 MONITORING WELL
 (NOT INCLUDED IN THESE LNAPL GROUNDWATER MONITORING PROGRAMS)
 EXISTING MONITORING WELL
 (STATUS UNKNOWN)
 PROTECTIVE POST
 LARGE TREE
 SMALL TREE
 GAS VALVE
 WATER VALVE
 WATER BOX
 ELECTRIC MANHOLE
 RAILROAD Elec. VAULT
 RAILROAD SIGNAL
 SANITARY MANHOLE
 WATER MANHOLE
 TELEPHONE MANHOLE
 UNKNOWN MANHOLE
 SKIMMER WELL
 SKIMMER WELL WITH CONTROLLER
 TOTAL FLUIDS WELL

RAIL ROAD TRACKS	
PROPERTY LINE	
ADJOINER PROPERTY LINE	
CURBING	
EASEMENT LINE	
CHAIN LINK FENCE	
OVERHEAD WIRES	
	
PRESTON AVE	

NAD 83-96 N.Y.L.I. 3104

- 1) Suffixes:
 - Where a well is designated with the suffix "R", that well is a replacement for a previous well at that location.
 - Where a well is designated with the suffix "RR", that well is a replacement for a previous replacement well at that location.
- 2) MW-# are monitoring wells that were installed prior to the Remedial Investigation.
- 3) The designation GAGW-# indicates a groundwater monitoring well was originally located and installed by Golder Associates. The one exception is GAGW-04 which is screened across the LNAPL zone.
- 4) The designation GAL-# indicates a LNAPL monitoring well that was screened across the top of the water table.
- 5) Well GAGW-061 is a smear zone monitoring well.
- 6) The designation AMGW-# represents a GW monitoring well that was located and installed by AMEC.
- 7) The designation AML-# is a LNAPL monitoring well located and installed by AMEC.
- 8) GAL-04R, GAL-11R, GAL-18R, GAGW-05R, and GAGW-08R are to be installed by Waste Management.

- 1) This drawing references the "Topographic Plan - Block 312 Lots 41, 69 & 79 - 37-80 Review Avenue", dated 12/22/2014, prepared by GEO Corporation, dated 24 Koussou Rd., Newfoundland, NJ 07435.
- 2) Recovery well locations (except where noted) are per survey drawings named "Property Survey, Block 312 Lot 41, 37-80 Review Avenue" and "Property Survey, Block 312 Lot 69, 37-80 Review Avenue", by GEO Corporation, dated January 29, 2015. Recovery Wells TW-1 and IF-7C were not surveyed due to obstructions.
- 3) Horizontal datum is North American Datum of 1983 (NAD83) New York State Plane coordinates, Long Island Zone 1104. Vertical datum is North American Vertical Datum of 1988 (NAVD88).



1	4/6/16	SMP UPDATE	VMW PRPD BY	KS CHKE BY
REV.	DATE	STATUS		

CHECKED/DATE:
NS 6/22/2015



FIGURE 3
MONITORING WELL LOCATIONS
REVIEW AVENUE DEVELOPMENT SITES
RAD I AND RAD II
LONG ISLAND CITY, QUEENS, NY 11101

