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**Quarterly Groundwater Monitoring Report
Fourth Quarter (Q4) 2015**

Sag Harbor Former MGP Site

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Site ID No. 1-52-159

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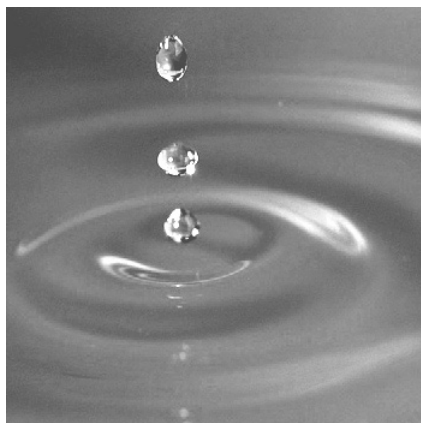


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1. Sag Harbor Site and Adjacent Offsite Areas

Fourth Quarter (Q4) 2015 Groundwater Monitoring Event Summary

Event Date: December 16, 17, and 18, 2015

Site Phase: Quarterly groundwater monitoring

Location: The location of the Sag Harbor Former MGP site is depicted on **Figure 1**.

Monitoring Program

Criteria to reduce the scope of the groundwater monitoring program based on historical and future analytical results were proposed, and subsequently approved by the New York State Department of Environmental Conservation (NYSDEC) on March 21, 2014. The criteria and the resulting reductions to the program were detailed in a follow-up letter to NYSDEC dated May 13, 2014. NYSDEC has required that several monitoring wells in the intermediate zone be exempt from reduction criteria and be sampled annually. These wells include SHMW-03I, SHMW-05I, and SHMW-08I.

Based on the established criteria, eight wells in the intermediate or deep zones were eliminated from the sampling program and five shallow wells were reduced to annual sampling. The reductions in the scope of work are shown in the table below. Going forward, the sampling list will be re-evaluated on a quarterly basis, with changes made, as appropriate.

Monitoring Well	Sampling Frequency		Monitoring Well	Sampling Frequency	
	Former	Current		Former	Current
SHMW-01SR	Quarterly	Annual	SHMW-02DR	Annual	Eliminated
SHMW-02S	Quarterly	Annual	SHMW-07IR	Annual	Eliminated
SHMW-03S	Quarterly	Annual	SHMW-10I	Annual	Eliminated
SHMW-10S	Quarterly	Annual	SHMW-11I	Annual	Eliminated
SHMW-13S	Quarterly	Annual	SHMW-12I	Annual	Eliminated
SHMW-01IR	Annual	Eliminated	SHMW-13I	Annual	Eliminated
SHMW-01D	Annual	Eliminated			

Implementation of the reduced sampling scope began in Q2 2014. Based on a review of seasonal data trends, the annual sampling rounds are to be conducted during the third quarter of each year. Seven wells were included in the Q4 2015 quarterly sampling list.

Monitoring Well Network

A total of 25 monitoring wells are currently located at or in the vicinity of the site (**Figure 2**). MW-05 was destroyed sometime between March and June 2007. Monitoring wells MW-01, MW-02, MW-03, MW-04, MW-06, SHMW-01S, SHMW-01I, SHMW-02I, SHMW-02D, SHMW-04S, SHMW-04I, SHMW-05S, SHMW-05I, SHMW-06S, and SHMW-06I were abandoned prior to the Q4 2008 sampling event due to the remediation activities being conducted at the site. Seven of the monitoring wells, including SHMW-01SR, SHMW-01IR, SHMW-02IR, SHMW-02DR, SHMW-04SR, SHMW-05SR, and SHMW-05IR were replaced as part of the post-remediation monitoring well replacement/installation program in Q4 2010.

Monitoring wells SHMW-02IR and SHMW-04SR were installed as larger diameter wells for potential dense non-aqueous phase liquid (DNAPL) recovery. In addition to the installation of the replacement monitoring wells listed above, new monitoring wells SHMW-01D and SHMW-02S were also installed as part of this program. Monitoring wells SHMW-07S and SHMW-07I, which were damaged presumably during the remedial activities, were abandoned during the replacement well installation program and reinstalled.

Hydrological Data

Groundwater levels were measured on December 18, 2015 at 24 of the 25 monitoring wells, during low and high tides. Monitoring well SHMW-02IR was repaired during Q3 2011, altering the survey point. As a result, a groundwater level measurement was not taken. Depth to groundwater and calculated groundwater elevations are provided in **Table 1**. Shallow and intermediate groundwater contours for high and low tidal conditions are depicted on **Figures 3 through 6**.

The groundwater flow direction was generally to the west towards Sag Harbor Cove. The ranges in depth to water and water table elevation data, as well as calculated hydraulic gradients for the shallow and intermediate portions of the aquifer in Q4 2015, are provided in the following table:

Depth Zone	High Tide			Low Tide		
	Range		Gradient ³	Range		Gradient ³
	DTW ¹	WLE ²		DTW ¹	WLE ²	
Shallow	0.09 – 4.28	1.04 – 3.39	0.0029	0.09 – 4.20	0.55 – 3.40	0.0056
Intermediate	0.16 – 4.29	1.17 – 2.31	0.0021	0.06 – 4.73	0.27 – 1.93	0.0025

Notes:

¹: Depth to water - Measured as feet below top of casing

²: Water level elevation - Calculated as feet above mean sea level

³: Feet/Feet

NAPL Thickness Data

Table 2 provides a summary of historical non-aqueous phase liquid (NAPL) data. In Q4 2015, all of the 25 monitoring wells were monitored for NAPL as part of the groundwater monitoring program. Evidence of light non-aqueous phase liquid (LNAPL) or DNAPL in the

monitoring wells during Q4 2015 was limited to DNAPL blebs observed on the sample tubing in well SHMW-07SR, and approximately 21 inches of DNAPL in SHMW-02IR. As discussed further below, DNAPL recovery testing at SHMW-02IR and product recovery was conducted during Q4 2015.

Chemical Data

In Q4 2015, a total of 7 wells were sampled for benzene, toluene, ethylbenzene, and total xylenes (BTEX) and methyl tert-butyl ether (MTBE) by Environmental Protection Agency (EPA) Method 8260 as well as polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8270. Well sampling was performed on December 16 and 17, 2015 and included all wells on the quarterly sampling list.

Chemical data for Q4 2015 (**Table 3**) indicate:

- Total BTEX concentrations ranged from non-detect (ND) in SHMW-11S to 1,362 micrograms per liter (µg/L) in SHMW-07SR.
- Total PAH concentrations ranged from 3 µg/L in SHMW-11S to 3,943 µg/L in monitoring well SHMW-07SR.
- MTBE detections were limited to an estimated concentration of 4 µg/L in monitoring well SHMW-08S.

Data Trend Analysis

In general, total BTEX and total PAH concentrations (see historical data in **Tables 4 and 5**) have been decreasing in shallow groundwater on and adjacent to the site. An analysis of the current and historical data in the recent quarterly sampling events is presented in the table below. Note that the Q3 2015 sampling event is the annual sampling event and includes the sampling of all site groundwater monitoring wells.

Shallow Zone	Historical		Q2 2015		Q3 2015		Q4 2015	
	Max	Average	Max	Average	Max	Average	Max	Average
Total BTEX	25,860	795	1,777	394	1,938	192	1,362	275
Total PAHs	14,132	672	14,332	2,346	11,494	839	3,943	707

Note:

Concentrations in µg/L

Concentrations of total BTEX were at or near detection levels in three of the seven monitoring wells sampled during in Q4 2015; SHMW-05SR (20 µg/L), SHMW-08S (5 µg/L), and SHMW-11S (ND).

Elevated total BTEX concentrations were identified in the remaining shallow wells in Q4 2015 including SHMW-04SR (297 µg/L), SHMW-07SR (1,362 µg/L), SHMW-09S (86 µg/L), and SHMW-12S (154 µg/L). Excluding SHMW-12S, the total BTEX concentrations in each of these wells decreased compared to the previous sampling event for each respective well. Total BTEX concentrations in SHMW-04SR and SHMW-07SR, which have historically had

the highest concentrations, have been variable but generally decreasing since Q3 2014. The total BTEX concentration in SHMW-12S increased slightly relative to the Q3 2015 concentration of 136 µg/L. The concentrations in all of the wells with elevated detections of total BTEX in Q4 2015 were below their respective historical means.

Total PAH detections at or near detection levels during Q4 2015 were limited to SHMW-11S (3 µg/L).

Elevated total PAH concentrations were identified in the remaining shallow wells in Q4 2015 including SHMW-04SR (112 µg/L), SHMW-05SR (308 µg/L), SHMW-07SR (3,943 µg/L), SHMW-08S (157 µg/L), SHMW-09S (107 µg/L), and SHMW-12S (317 µg/L). In comparison to the previous sampling event for each respective well, decreases were noted in SHMW-04SR, SHMW-07SR, and SHMW-12S. The decreases in SHMW-04SR and SHMW-07SR were particularly significant. Total PAH concentration increases were limited to SHMW-05SR, while the concentrations in SHMW-08S and SHMW-09S remained similar to the respective Q3 2015 concentrations.

Similar to total BTEX, the highest concentrations of total PAHs have historically been identified in SHMW-04SR and SHMW-07SR. The concentration trend in SHMW-04SR has generally been decreasing in recent sampling events, but remains variable. Concentrations in SHMW-07SR have been extremely variable in recent sampling events, ranging from non-detect in Q1 2015 to a historical high of 14,332 µg/L during Q2 2015, prior to decreases in the past two sampling events. All of the Q4 2015 concentrations of total PAH remained within their respective historical concentration range. The concentrations in several wells, including SHMW-04SR and SHMW-09S, were significantly below their respective historical mean concentrations.

DNAPL Occurrence

The historical NAPL data (**Table 2**) indicates that measurable quantities of NAPL have primarily been found in two onsite shallow monitoring wells (MW-02 and MW-05), one onsite intermediate well (SHMW-02I), and one offsite shallow well (SHMW-04S). Non-measurable (trace) amounts of NAPL have historically been found in two onsite shallow wells, MW-03 and MW-04, as well as in offsite shallow well SHMW-06S, and was intermittently found in SHMW-07S. All of the wells identified above in which NAPL has been historically detected were either destroyed or abandoned prior to, or during, remedial activities.

No measurable amounts of LNAPL and DNAPL had been observed in replacement monitoring wells SHMW-04SR and SHMW-07SR prior to recent gauging events. In recent events, DNAPL has been measured at a maximum thickness of approximately one-inch in SHMW-07S and 1.5-inches in SHMW-04SR; however, the observances have been isolated to one gauging event each.

To date, no significant evidence of NAPL has been found in these monitoring wells or any of the remaining monitoring wells post remediation, excluding SHMW-02IR. DNAPL thicknesses have been generally increasing in SHMW-02IR in recent gauging events, and DNAPL was measured at a thickness of approximately 21 inches during early (October 27, 2015) Q4 2015. As mentioned above, SHMW-02IR was installed to replace SHMW-02I, which was abandoned prior to the Q4 2008 sampling event due to the remediation activities being conducted at the site. The DNAPL thickness in SHMW-02I was approximately 4 feet immediately prior to abandonment during the Q3 2008 monitoring event. SHMW-02IR was installed as a larger diameter well for potential DNAPL recovery.

As a result of the increasing thicknesses in SHMW-02IR, a DNAPL recovery test was conducted in this well on October 29, 2015. The recovery test was conducted according to the following procedure:

- The DNAPL in the well SHMW-02IR was pumped using a peristaltic pump to the extent that it could be removed, and its volume calculated.
- The DNAPL thickness was measured immediately after pumping had ceased and hourly for four hours.
- The well was then gauged weekly for three weeks and then again one month later after which recovery test gauging was terminated due to slow recovery.

The results of the DNAPL recovery test are provided in the table below.

Date	Time of Measurement	DNAPL Thickness (feet)	Volume of DNAPL Calculated (gallons)	Volume of DNAPL Purged (gallons)
10/27/2015	9:25	1.75	1.14	-
10/29/2015	9:30	1.75	1.14	approx. 1
10/29/2015	10:15	0.04	0.03	-
10/29/2015	11:15	0.04	0.03	-
10/29/2015	12:22	0.08	0.05	-
10/29/2015	1:20	0.08	0.05	-
11/4/2015	9:30	0.15	0.10	-
11/11/2015	10:35	0.18	0.11	-
11/18/2015	8:55	0.17	0.11	-
12/18/2015	12:37	0.20	0.13	-

The recovered product was containerized in an appropriately labeled DOT-55 gallon drum that was staged on a portable secondary containment pad within a secured area. The DNAPL will be sampled and the drum will be appropriately disposed offsite when it is nearly full.

Based on the results of the recovery test, DNAPL in SHMW-02IR will continue to be gauged quarterly. Product recovery will be attempted if the DNAPL thickness is greater than 0.2 feet.

Future Plans

- Continue quarterly groundwater and NAPL monitoring at onsite and offsite monitoring wells.
- Recover DNAPL from SHMW-02IR if the measured DNAPL thickness is greater than 0.2 feet.

Tables

Table 1. Water Level Measurements and Calculated Groundwater Elevations
Sag Harbor Former MGP Site
Groundwater Monitoring Program - Q4 2015

Well ID	Top of Casing Elevation (ft)*	Tide	Time	12/18/2015		Notes
				Depth to Water (ft)	Groundwater Elevation (ft)	
SHMW-01SR	3.71	High	1520	2.33	2.22	Well replaced in Q4 2010
		Low	933	2.40	1.31	
SHMW-01IR	3.81	High	1520	2.05	1.76	Well replaced in Q4 2010
		Low	933	2.45	1.36	
SHMW-01D	3.67	High	1521	1.35	2.32	Well installed in Q4 2010
		Low	934	2.18	1.49	
SHMW-02S	3.95	High	1518	1.73	2.22	Well installed in Q4 2010
		Low	930	1.49	2.46	
SHMW-02IR	3.92	High	NM	NM	NC	Survey point altered
		Low	NM	NM	NC	
SHMW-02DR	3.66	High	1518	1.74	1.92	Well replaced in Q4 2010
		Low	930	2.70	0.96	
SHMW-03S	3.83	High	1527	2.65	1.18	
		Low	938	2.88	0.95	
SHMW-03I	3.85	High	1528	1.70	2.15	
		Low	939	2.69	1.16	
SHMW-04SR	3.90	High	1526	2.65	1.25	Well replaced in Q4 2010
		Low	937	2.66	1.24	
SHMW-05SR	5.03	High	1525	3.45	1.58	Well replaced in Q4 2010
		Low	936	3.44	1.59	
SHMW-05IR	4.96	High	1524	3.14	1.82	Well replaced in Q4 2010
		Low	936	3.51	1.45	
SHMW-07SR	3.48	High	1548	0.15	3.33	
		Low	1000	0.12	3.36	
SHMW-07IR	3.38	High	1544	1.38	2.00	
		Low	1001	1.81	1.57	
SHMW-08S	3.69	High	1542	0.30	3.39	
		Low	959	0.29	3.40	
SHMW-08I	3.79	High	1542	1.53	2.26	
		Low	959	2.23	1.56	
SHMW-09S	3.06	High	1536	0.98	2.08	
		Low	948	1.00	2.06	
SHMW-09I	2.82	High	1536	1.09	1.73	
		Low	949	1.51	1.31	
SHMW-10S	4.75	High	1030	2.84	1.91	
		Low	941	4.20	0.55	
SHMW-10I	4.75	High	1530	3.58	1.17	
		Low	941	4.48	0.27	
SHMW-11S	5.32	High	1533	4.28	1.04	
		Low	944	3.73	1.59	
SHMW-11I	5.63	High	1533	4.29	1.34	
		Low	946	4.73	0.90	
SHMW-12S	1.98	High	1538	0.09	1.89	
		Low	952	0.09	1.89	
SHMW-12I	1.99	High	1538	0.16	1.83	
		Low	953	0.06	1.93	
SHMW-13S	3.36	High	1554	0.40	2.96	
		Low	1004	0.38	2.98	
SHMW-13I	3.50	High	1546	1.19	2.31	
		Low	1005	1.76	1.74	

General Notes:

* Elevations were re-surveyed in November 2010.

NM = Not Measured

NC = Not Calculated

Table 2. Summary of Historical NAPL Observations
Sag Harber Former MGP Site
Groundwater Monitoring Program - Q4 2015

Well ID	May 2002 Observations	May 2004 Observations	Aug 2004 Observations	Oct 2004 Observations	Nov 2004 Observations	Dec 2004 Observations	Jan 2005 Observations	Feb 2005 Observations	Mar 2005 Observations
MW-01	None Observed	Odor	None Observed	Not Checked	NR	NR	NR	NR	NR
MW-02	Approx. 0.16' of DNAPL, sheen on surface	Approx. 0.15' of DNAPL, sheen on surface	Approx. 0.29' of DNAPL	Approx. 0.2' of DNAPL	Approx. 0.01' of DNAPL, 1.0' intermittent DNAPL	Approx. 0.1' of DNAPL	Approx. 0.11' of DNAPL	Approx. 0.16' of DNAPL	Approx. 0.15' of DNAPL
MW-03	Intermittent DNAPL for 1.5'	Approx. 0.03' of DNAPL, naphthalene-like odor	NR	Trace DNAPL at bottom of tape	Trace DNAPL at bottom of tape	Trace DNAPL at bottom of tape	Trace DNAPL at bottom of tape	Trace DNAPL at bottom of tape	Trace DNAPL at bottom of tape
MW-04	None Observed	Approx. 0.02' of DNAPL, naphthalene-like odor	NR	Trace DNAPL at bottom of tape	None Observed	None Observed	Trace DNAPL at bottom of tape	Not Checked (under snow pile)	None Observed
MW-05	Blebs of LNAPL	Approx. 1.0' of DNAPL, naphthalene-like odor	Approx. 0.75' of DNAPL	Approx. 4.5' of LNAPL/NAPL	Approx. 0.35' of DNAPL, 3.6' intermittent DNAPL	Trace DNAPL at bottom of tape, bubbles in WC	Trace DNAPL at bottom of tape	Approx. 0.6' of DNAPL, approx. 0.02' of LNAPL	Sporadic DNAPL, approx. 0.1' of LNAPL
MW-06	None Observed	Slight naphthalene-like odor	NR	NR	NR	NR	NR	NR	NR
SHMW-01S/01SR	None Observed	Slight naphthalene-like odor	NR	NR	NR	NR	NR	NR	NR
SHMW-01I/01IR	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR
SHMW-01D	NI	NI	NI	NI	NI	NI	NI	NI	NI
SHMW-02S	NI	NI	NI	NI	NI	NI	NI	NI	NI
SHMW-02I/02IR	None Observed	Approx. 4.9' of DNAPL, sheen	Approx. 4.7' of DNAPL	Approx. 4.9' of DNAPL	Approx. 1.0' of DNAPL, 3.0' intermittent DNAPL	Approx. 0.6' of DNAPL	Approx. 0.65' of DNAPL	Approx. 0.5' of DNAPL	Approx. 0.45' of DNAPL
SHMW-02D/02DR	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR
SHMW-03S	None Observed	Odor	NR	NR	NR	NR	NR	NR	NR
SHMW-03I	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR
SHMW-04S/04SR	None Observed	Approx. 0.6' of DNAPL, naphthalene-like odor	NR	Approx. 0.7' of DNAPL, 2.3' intermittent DNAPL	Approx. 0.55' of DNAPL	Approx. 0.29' of DNAPL	Approx. 0.35' of DNAPL	Approx. 0.22' of DNAPL	Approx. 0.25' of DNAPL
SHMW-04I	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR
SHMW-05S/05SR	None Observed	Blebs of DNAPL in purge water, odor	NR	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed

Table 2. Summary of Historical NAPL Observations
Sag Harber Former MGP Site
Groundwater Monitoring Program - Q4 2015

Well ID	May 2002 Observations	May 2004 Observations	Aug 2004 Observations	Oct 2004 Observations	Nov 2004 Observations	Dec 2004 Observations	Jan 2005 Observations	Feb 2005 Observations	Mar 2005 Observations
SHMW-05I/05IR	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR
SHMW-06S	Slight sheen and naphthalene-like odor	Naphthalene-like odor	NR	NR	NR	NR	NR	NR	NR
SHMW-06I	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR
SHMW-07S/07SR	Sheen and naphthalene-like odor	Slight odor	NR	NR	NR	NR	NR	NR	NR
SHMW-07I/07IR	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR
SHMW-08S	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR
SHMW-08I	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR
SHMW-09S	None Observed	Slight naphthalene- like odor	NR	NR	NR	NR	NR	NR	NR
SHMW-09I	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR
SHMW-10S	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR
SHMW-10I	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR
SHMW-11S	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR
SHMW-11I	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR
SHMW-12S	None Observed	Sheen, strong sulfur- like odor	NR	NR	NR	NR	NR	NR	NR
SHMW-12I	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR
SHMW-13S	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR
SHMW-13I	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR

Table 2. Summary of Historical NAPL Observations
Sag Harber Former MGP Site
Groundwater Monitoring Program - Q4 2015

Well ID	Apr/Q1 2005 Observations	Jun/Q2 2005 Observations	Sep/Q3 2005 Observations	Dec/Q4 2005 Observations	Mar/Q1 2006 Observations	Jun/Q2 2006 Observations	Sep/Q3 2006 Observations	Dec/Q4 2006 Observations	Mar/Q1 2007 Observations
MW-01	NR	NR	NR	NR	NR	NR	NR	NR	NR
MW-02	Approx. 0.15' of DNAPL	Trace DNAPL at bottom of tape	Approx. 0.13' of DNAPL	Approx. 0.09' DNAPL, naphthalene-like odor	Approx. 0.01' DNAPL	Approx. 0.12' of DNAPL	Approx. 0.15' DNAPL	Approx. 0.10' DNAPL	Approx.0.20' DNAPL
MW-03	Trace DNAPL at bottom of tape	Trace DNAPL at bottom of tape	Trace DNAPL at bottom of tape	None, naphthalene-like odor	No DNAPL observed	Trace DNAPL (coating on tubes)	Trace DNAPL (coating on tubes)	No DNAPL observed	Trace DNAPL (coating on tubes)
MW-04	None Observed	None Observed	Trace DNAPL at bottom of tape	Trace DNAPL at bottom of tape	Trace DNAPL	Trace DNAPL	Trace DNAPL (coating on tubes)	Trace DNAPL (coating on tubes)	Trace DNAPL (coating on tubes)
MW-05	Sporadic DNAPL, approx. 0.1' of LNAPL	Approx. 3.0' of DNAPL	Approx. 0.75' of DNAPL, approx. 0.12' of LNAPL	DNAPL blebs in purge H2O, 0.5' DNAPL coating on tubes	Approx. 0.15' of DNAPL, approx. 0.1' of LNAPL	Approx. 0.22' DNAPL; 0.05' of LNAPL	Approx. 0.55' DNAPL; 0.06' of LNAPL	Trace LNAPL; DNAPL in purge water (not measurable)	Trace LNAPL; DNAPL in purge water (not measurable)
MW-06	NR	NR	NR	NR	NR	NR	NR	NR	None Observed
SHMW-01S/01SR	NR	NR	NR	NR	NR	NR	NR	NR	None Observed
SHMW-01I/01IR	NR	NR	NR	NR	NR	NR	NR	NR	None Observed
SHMW-01D	NI	NI	NI	NI	NI	NI	NI	NI	NI
SHMW-02S	NI	NI	NI	NI	NI	NI	NI	NI	NI
SHMW-02I/02IR	Approx. 1.1' of DNAPL	Approx. 0.75' of DNAPL	Approx. 0.4' of DNAPL	Approx. 1.3' of DNAPL, naphthalene-like odor	Approx. 0.35' of DNAPL	Approx. 0.43' of DNAPL	Approx. 0.5' of DNAPL	Trace DNAPL (coating on tubes)	Trace DNAPL (coating on tubes)
SHMW-02D/02DR	NR	NR	NR	NR	NR	NR	NR	NR	None Observed
SHMW-03S	NR	NR	NR	NR	NR	NR	NR	NR	None Observed
SHMW-03I	NR	NR	NR	NR	NR	NR	NR	NR	None Observed
SHMW-04S/04SR	Approx. 0.25' of DNAPL	Approx. 0.90' of DNAPL	Approx. 0.26' of DNAPL	Approx. 0.5' DNAPL, naphthalene-like odor	Approx. 0.25' of DNAPL	Approx. 0.5' of DNAPL	Approx. 0.25' of DNAPL	Approx. 0.30' of DNAPL	Approx.0.40' DNAPL
SHMW-04I	NR	NR	NR	NR	NR	NR	NR	NR	None Observed
SHMW-05S/05SR	None Observed	None Observed	None Observed	None Observed	No DNAPL observed	None Observed	None Observed	None Observed	None Observed

**Table 2. Summary of Historical NAPL Observations
Sag Harbor Former MGP Site
Groundwater Monitoring Program - Q4 2015**

[illegible]

Table 2. Summary of Historical NAPL Observations
Sag Harbor Former MGP Site
Groundwater Monitoring Program - Q4 2015

Well ID	Jun/Q2 2007 Observations	Sep/Q3 2007 Observations	Dec/Q4 2007 Observations	Mar/Q1 2008 Observations	Jun/Q2 2008 Observations	Sep/Q3 2008 Observations	Dec/Q4 2008 Observations	Mar/Q1 2009 Observations	Jun/Q2 2009 Observations
MW-01	NR	NR	None Observed	None Observed	Trace DNAPL	Trace DNAPL (at bottom of tubing)	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
MW-02	Approx.0.07' DNAPL	Approx. 0.11' DNAPL	Approx. ~0.08'	Trace DNAPL	Moderate DNAPL; not measureable	Trace DNAPL	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
MW-03	None Observed	Trace DNAPL (coating on tubes)	Trace	Trace DNAPL (On bottom 1.5' of tubes)	Trace DNAPL	Trace DNAPL (0.05' at bottom of tubing)	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
MW-04	Trace DNAPL (coating on tubes)	Trace DNAPL (coating on tubes)	Approx. ~0.02'	NR	Trace DNAPL	Trace DNAPL (at bottom of tubing)	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
MW-05	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed
MW-06	NR	NR	None Observed	None Observed	None Observed	None Observed	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
SHMW-01S/01SR	NR	NR	None Observed	None Observed	None Observed	None Observed	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
SHMW-01I/01IR	NR	NR	None Observed	NR	NR	NR	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
SHMW-01D	NI	NI	NI	NI	NI	NI	NI	NI	NI
SHMW-02S	NI	NI	NI	NI	NI	NI	NI	NI	NI
SHMW-02I/02IR	Trace DNAPL (coating on tubes)	Trace DNAPL (coating on tubes)	Approx. ~0.60'	Approx. 3' DNAPL	Approx. 1.5' DNAPL	Approx. 4' DNAPL	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
SHMW-02D/02DR	NR	NR	None Observed	NR	NR	NR	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
SHMW-03S	NR	NR	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-03I	NR	NR	None Observed	NR	NR	NR	None Observed	NR	None Observed
SHMW-04S/04SR	Approx.0.50' DNAPL	Approx. 0.5' DNAPL	Approx. ~0.61'	Approx. 1.05' DNAPL	Approx.0.6' DNAPL	Approx.0.75' DNAPL	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
SHMW-04I	NR	NR	None Observed	NR	NR	NR	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
SHMW-05S/05SR	None Observed	NR	None Observed	None Observed	None Observed	None Observed	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned

**Table 2. Summary of Historical NAPL Observations
Sag Harbor Former MGP Site
Groundwater Monitoring Program - Q4 2015**

Well ID	Jun/Q2 2007 Observations	Sep/Q3 2007 Observations	Dec/Q4 2007 Observations	Mar/Q1 2008 Observations	Jun/Q2 2008 Observations	Sep/Q3 2008 Observations	Dec/Q4 2008 Observations	Mar/Q1 2009 Observations	Jun/Q2 2009 Observations
SHMW-05I/05IR	NR	NR	None Observed	NR	NR	NR	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
SHMW-06S	Trace DNAPL (coating on tubes)	Trace DNAPL (coating on tubes)	Trace	Trace DNAPL (on tubing)	Trace DNAPL	Trace DNAPL (on tubing)	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
SHMW-06I	NR	NR	None Observed	NR	NR	NR	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
SHMW-07S/07SR	NR	NR	Trace	NR	NR	Trace DNAPL (on side of tubing approx 1' off bottom)	Well Inaccessible or Abandoned	Well Inaccessible	None Observed
SHMW-07I/07IR	NR	NR	None Observed	NR	NR	NR	Well Inaccessible or Abandoned	Well Inaccessible	None Observed
SHMW-08S	NR	NR	None Observed	None Observed	None Observed	None Observed	Well Inaccessible or Abandoned	Well Inaccessible	None Observed
SHMW-08I	NR	NR	None Observed	NR	NR	NR	Well Inaccessible or Abandoned	Well Inaccessible	None Observed
SHMW-09S	NR	NR	None Observed	None Observed	None Observed	None Observed	None Observed	Well Inaccessible	None Observed
SHMW-09I	NR	NR	None Observed	NR	NR	NR	NR	NR	NR
SHMW-10S	NR	NR	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-10I	NR	NR	None Observed	NR	NR	NR	NR	NR	NR
SHMW-11S	NR	NR	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-11I	NR	NR	None Observed	NR	NR	NR	NR	NR	NR
SHMW-12S	NR	NR	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-12I	NR	NR	None Observed	NR	NR	NR	NR	NR	NR
SHMW-13S	NR	NR	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-13I	NR	NR	None Observed	NR	NR	NR	NR	NR	NR

Table 2. Summary of Historical NAPL Observations
Sag Harbor Former MGP Site
Groundwater Monitoring Program - Q4 2015

Well ID	Sep/Q3 2009 Observations	Dec/Q4 2009 Observations	Mar/Q1 2010 Observations	Jun/Q2 2010 Observations	Sep/Q3 2010 Observations	Dec/Q4 2010 Observations	Mar/Q1 2011 Observations	Jun/Q2 2011 Observations	Sep/Q3 2011 Observations
MW-01	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned
MW-02	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned
MW-03	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned
MW-04	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned
MW-05	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed
MW-06	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned
SHMW-01S/01SR	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	None Observed	None Observed	None Observed	None Observed
SHMW-01I/01IR	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	None Observed	None Observed	None Observed	None Observed
SHMW-01D	NI	NI	NI	NI	NI	None Observed	None Observed	None Observed	None Observed
SHMW-02S	NI	NI	NI	NI	NI	None Observed	None Observed	None Observed	None Observed
SHMW-02I/02IR	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	None Observed	Well Damaged	Well Damaged	Well Damaged
SHMW-02D/02DR	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	None Observed	None Observed	None Observed	None Observed
SHMW-03S	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-03I	NR	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-04S/04SR	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Trace LNAPL - DNAPL observed on tubing	Trace LNAPL - DNAPL observed on tubing	Trace LNAPL - DNAPL observed on tubing	None Observed
SHMW-04I	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned
SHMW-05S/05SR	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	None Observed	None Observed	None Observed	None Observed

**Table 2. Summary of Historical NAPL Observations
Sag Harbor Former MGP Site
Groundwater Monitoring Program - Q4 2015**

[illegible]

**Table 2. Summary of Historical NAPL Observations
Sag Harbor Former MGP Site
Groundwater Monitoring Program - Q4 2015**

[illegible]

**Table 2. Summary of Historical NAPL Observations
Sag Harbor Former MGP Site
Groundwater Monitoring Program - Q4 2015**

[illegible]

**Table 2. Summary of Historical NAPL Observations
Sag Harbor Former MGP Site
Groundwater Monitoring Program - Q4 2015**

[illegible]

Table 2. Summary of Historical NAPL Observations
Sag Harbor Former MGP Site
Groundwater Monitoring Program - Q4 2015

Well ID	Mar/Q1 2014 Observations	Jun/Q2 2014 Observations	Sep/Q3 2014 Observations	Dec/Q4 2014 Observations	Mar/Q1 2015 Observations	June/Q2 2015 Observations	Sep/Q3 2015 Observations	Dec/Q4 2015 Observations
SHMW-05I/05IR	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-06S	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned
SHMW-06I	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned
SHMW-07S/07SR	None Observed	DNAPL Blebs on tubing	DNAPL Blebs on tubing	Approx. 1" of DNAPL	None Observed	DNAPL Blebs on tubing	DNAPL Blebs on tubing	DNAPL Blebs on tubing
SHMW-07I/07IR	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-08S	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-08I	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-09S	None Observed	None Observed	None Observed	None Observed	None Observed	Approx. 0.25" of DNAPL	None Observed	None Observed
SHMW-09I	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-10S	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-10I	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-11S	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-11I	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-12S	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-12I	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-13S	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-13I	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed

General Notes:

DNAPL = Dense Non-aqueous Phase Liquid

LNAPL = Light Non-aqueous Phase Liquid

WC = Water Column

NR = Gauging Not Required

NI = Not Installed

*: DNAPL recovery test performed (see text)

Table 3. Summary of BTEX, MTBE and PAH Results
Sag Harbor Former MGP Site
Groundwater Monitoring Program - Q4 2015

Sample Name Screen Zone Depth (ft) Sample Date Parent Sample			SHMW-04SR 2-12 12/16/2015	SHMW-05SR 2-12 12/17/2015	SHMW-07SR 1-4 12/16/2015	SHMW-08S 1-7 12/16/2015	SHMW-09S 2-12 12/16/2015	DUP-01 Q4 SH 2-12 12/16/2015 SHMW-09S	SHMW-11S 3.5-13.5 12/17/2015	SHMW-12S 1.5-6.5 12/16/2015
Analyte	Units	NYS AWQS								
BTEX	µg/L									
Benzene		1	32	12	430	3	53	55	1 U	120 J
Toluene		5	5	1 U	12	1 U	1 U	1 U	1 U	1 U
Ethylbenzene		5	140	1	580	1 U	8	9	1 U	8
Total Xylene		5	120	7	340	2	25	25	1 U	26
Total BTEX		NE	297	20	1362	5	86	89	ND	154
Other VOCs	µg/L									
Methyl tert-butyl ether (MTBE)		10*	10 U	10 U	10 U	4 J	10 U	10 U	10 U	10 U
NYSDEC PAH	µg/L									
Acenaphthene		20*	25	49	340 J	30	73	76	1 J	5 J
Acenaphthylene		NE	1 J	10 U	17	10 U	3 J	10 U	2 J	10 U
Anthracene		50*	10 U	10 U	130 J	5 J	2 J	2 J	10 U	10 U
Benzo(a)anthracene		0.002*	10 U	10 U	75	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene		0.002*	10 U	10 U	48	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene		0.002*	10 U	10 U	18	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene		NE	10 U	10 U	16	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene		ND	10 U	10 U	58	10 U	10 U	10 U	10 U	10 U
Chrysene		0.002*	10 U	10 U	71	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene		NE	10 U	10 U	5 J	10 U	10 U	10 U	10 UJ	10 U
Fluoranthene		50*	3 J	10 U	190 J	4 J	10 U	10 U	10 U	10 U
Fluorene		50*	4 J	9 J	160 J	12	15	14	10 U	10 U
Indeno(1,2,3-cd)pyrene		0.002*	10 U	10 U	15	10 U	10 U	10 U	10 UJ	10 U
2-Methylnaphthalene		NE	2 J	5 J	320 J	3 J	10 U	8 J	10 U	2 J
Naphthalene		10*	72	240	1700	73	10 UJ	180 J	10 U	310
Phenanthrene		50*	1 J	5 J	500	27	14	13	10 U	10 U
Pyrene		50*	4 J	10 U	280 J	3 J	10 U	10 U	10 U	10 U
Total PAH		NE	112	308	3943	157	107	293	3	317

**Table 3. Summary of BTEX, MTBE and PAH Results
Sag Harbor Former MGP Site
Groundwater Monitoring Program - Q4 2015**

Notes:

µg/L = micrograms per liter or parts per billion (ppb)

BTEX = benzene, toluene, ethylbenzene, and xylenes

PAH = polycyclic aromatic hydrocarbons

VOCs = volatile organic compounds

Total BTEX and Total PAHs are calculated using detects only.

NYS AWQS - New York State Ambient Water Quality Standards and Guidance Values for GA groundwater

* indicates the value is a guidance value and not a standard

MGP = Manufactured Gas Plant

ND = not detected

NE = not established

NYSDEC = New York State Department of Environmental Conservation

Bolding indicates a detected result concentration

Gray shading and bolding indicates that the detected result value exceeds the NYS AWQS

Validator Qualifiers:

J = estimated value

U = indicates not detected to the reporting limit

**Table 4. Summary of Historical Total BTEX Results
Sag Harbor Former MGP Site
Groundwater Monitoring Program - Q4 2015**

Well No.	Screen Interval (feet)	Total BTEX Concentrations (µg/L)																	
		Sampling Date																	
		1995	2000		2002	2004		2005				2006				2007			
	Nov	Mar	Apr	May	May	Aug	Mar/Apr	June	Sept	Dec	March	June	Sept	Dec	March	June	Sept	Dec	
MW-01	1.50 - 7.32	2,720	10	68	9	4	0	0	12	67	0	21	47	310	190	160	240	150	270
MW-02	0.50 - 7.25	5,429	8,840	7,940	5,840	13,287	8,740	7,333	13,010	--	13,720	7,591	--	14,174	12,267	8,678	12,810	15,181	98
MW-03	2.17 - 10.17	1,222	668	1,553	1,363	2,573	--	2,050	2,867	560	2,622	4,880	1,971	4,965	2,398	1,680	2,930	3,225	2,831
MW-04	1.25 - 6.81	864	35	--	10	208	--	0	0	225	299	268	193	181	101	0	51	89	66
MW-05	2.46 - 7.46	9,100	170	5	102	11,600	2,938	2,697	18,900	--	--	--	--	--	--	--	--	--	--
MW-06	2.47 - 7.47	334	47	30	91	49	--	33	55	39	36	74	37	11	54	0	37	31	0
SHMW-01S/01SR	1.0 - 6.0	--	--	1,413	874	2,102	--	1,367	1,810	406	1,313	2,562	2,085	5,183	2,915	691	2,460	2,600	1,684
SHMW-01I/01IR	35.0 - 45.0	--	--	5	0	0	--	--	--	--	0	--	--	--	0	0	--	--	--
SHMW-01D	65.0 - 75.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SHMW-02S	1.0 - 6.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SHMW-02I/02IR	35.0 - 45.0	--	--	26	0	1,179	16	20	20	19	25	0	0	0	0	--	11	12	15
SHMW-02D/02DR	65.0 - 75.0	--	--	5	4	0	--	--	--	--	0	--	--	--	0	--	--	--	0
SHMW-03S	2.0 - 12.0	--	--	63	0	110	--	48	53	46	75	131	67	97	13	122	80	12	50
SHMW-03I	35.0 - 45.0	--	--	0	52	0	--	--	--	--	0	--	--	--	0	--	--	--	0
SHMW-04S/04SR	2.0 - 12.0	--	--	7,940	3,154	12,180	--	9,369	17,730	8,960	21,920	25,860	9,361	18,398	10,489	6,883	20,488	16,120	10,378
SHMW-04I	35.0 - 45.0	--	--	5	0	0	--	--	--	--	0	--	--	--	0	--	--	--	0
SHMW-05S/05SR	2.0 - 12.0	--	--	37	69	83	--	107	282	2,960	115	202	45	43	26	35	458	676	98
SHMW-05I/05IR	35.0 - 45.0	--	--	0	0	0	--	--	--	--	0	--	--	--	0	--	--	--	0
SHMW-06S	2.0 - 6.0	--	--	2,392	2,463	3,057	--	2,630	1,950	--	2,910	2,622	1,702	4,289	2,196	1,475	2,285	2,162	1,565
SHMW-06I	35.0 - 45.0	--	--	0	0	0	--	--	--	--	0	--	--	--	0	--	--	--	0
SHMW-07S/07SR	1.0 - 11.0	--	--	2,011	1,562	414	--	1,482	3,340	2,458	1,722	1,400	1,060	--	1,137	185	--	2,139	726
SHMW-07I/07IR	35.0 - 45.0	--	--	0	0	0	--	--	--	--	0	--	--	--	0	--	--	--	0
SHMW-08S	1.0 - 7.0	--	--	5	2	9	--	0	14	0	15	11	0	19	0	0	0	0	12
SHMW-08I	35.0 - 45.0	--	--	0	0	0	--	--	--	--	0	--	--	--	0	--	--	--	0
SHMW-09S	2.0 - 12.0	--	--	1,024	506	1,100	--	500	1,000	--	920	1,130	770	768	500	418	1,240	178	600
SHMW-09I	35.0 - 45.0	--	--	0	0	0	--	--	--	--	0	--	--	--	0	--	--	--	0
SHMW-10S	5.0 - 15.0	--	--	--	0	0	--	0	0	0	0	0	0	0	0	0	0	0	0
SHMW-10I	35.5 - 45.5	--	--	--	0	0	--	--	--	--	0	--	--	--	0	--	--	--	0
SHMW-11S	3.5 - 13.5	--	--	--	0	0	--	0	0	0	0	0	0	0	0	0	0	0	0
SHMW-11I	35.0 - 45.0	--	--	--	0	0	--	--	--	--	0	--	--	--	0	--	--	--	0
SHMW-12S	1.5 - 6.5	--	--	--	0	344	--	142	930	69	290	140	463	581	182	85	623	81	0
SHMW-12I	35.0 - 45.0	--	--	--	0	0	--	--	--	--	0	--	--	--	0	--	--	--	23
SHMW-13S	1.5 - 6.5	--	--	--	0	0	--	0	0	0	0	0	0	0	0	0	0	0	0
SHMW-13I	35.0 - 45.0	--	--	--	0	0	--	--	--	--	0	--	--	--	0	--	--	--	0

**Table 4. Summary of Historical Total BTEX Results
Sag Harbor Former MGP Site
Groundwater Monitoring Program - Q4 2015**

Well No.	Screen Interval (feet)	Total BTEX Concentrations (µg/L)																			
		Sampling Date																			
		2008				2009				2010				2011				2012			
		March	June	Sept	Dec	March	June	Sept	Dec	March	June	Sept	Dec	March	June	Sept	Dec	March	June	Sept	Dec
MW-01	1.50 - 7.32	337	141	208	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-02	0.50 - 7.25	8,865	7,415	2,240	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-03	2.17 - 10.17	2,842	2,241	2,875	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-04	1.25 - 6.81	--	15	79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-05	2.46 - 7.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-06	2.47 - 7.47	1	33	7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SHMW-01S/01SR	1.0 - 6.0	1,595	306	243	--	--	--	--	--	--	--	--	0	1	0	0	3	0	0	0	0
SHMW-01I/01IR	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	0	--	--	--	3	--	--	--	0
SHMW-01D	65.0 - 75.0	--	--	--	--	--	--	--	--	--	--	--	0	--	--	--	3	--	--	--	0
SHMW-02S	1.0 - 6.0	--	--	--	--	--	--	--	--	--	--	--	3	0	3	0	5	1	0	0	0
SHMW-02I/02IR	35.0 - 45.0	18	41	29	--	--	--	--	--	--	--	--	4	0	--	--	14	--	--	--	0
SHMW-02D/02DR	65.0 - 75.0	--	--	--	--	--	--	--	--	--	--	--	0	--	--	--	0	--	--	--	0
SHMW-03S	2.0 - 12.0	3	0	5	13	111	24	4	9	40	5	0	9	24	2	3	18	0	1	1	0
SHMW-03I	35.0 - 45.0	--	--	--	0	--	0	--	0	--	--	--	0	--	--	--	0	--	--	--	0
SHMW-04S/04SR	2.0 - 12.0	7,567	8,059	7,561	--	--	--	--	--	--	--	--	2,717	702	469	292	572	391	709	654	449
SHMW-04I	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SHMW-05S/05SR	2.0 - 12.0	77	83	64	--	--	--	--	--	--	--	--	20	22	25	27	45	25	29	28	16
SHMW-05I/05IR	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	0	--	--	--	0	--	--	--	0
SHMW-06S	2.0 - 6.0	1,296	1,343	1,298	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SHMW-06I	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SHMW-07S/07SR	1.0 - 11.0	--	1,075	1,374	--	--	1,500	3,472	2,183	1,825	3,946	--	858	455	1,172	607	700	1,418	670	2,822	251
SHMW-07I/07IR	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	0	--	--	--	11	--	--	--	0
SHMW-08S	1.0 - 7.0	8	9	10	--	--	5	5	4	6	13	4	9	7	10	5	9	5	7	2	6
SHMW-08I	35.0 - 45.0	--	--	--	--	--	0	--	0	--	--	--	0	--	--	--	5	--	--	--	0
SHMW-09S	2.0 - 12.0	1,039	1,298	671	483	--	584	455	224	--	--	--	--	--	--	--	--	--	--	130	165
SHMW-09I	35.0 - 45.0	--	--	--	0	--	0	--	0	--	--	--	--	--	--	--	--	--	--	0	0
SHMW-10S	5.0 - 15.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHMW-10I	35.5 - 45.5	--	--	--	0	--	0	--	0	--	--	--	0	--	--	--	5	--	--	--	0
SHMW-11S	3.5 - 13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0
SHMW-11I	35.0 - 45.0	--	--	--	0	--	0	--	0	--	--	--	0	--	--	--	0	--	--	--	0
SHMW-12S	1.5 - 6.5	166	482	111	279	28	315	45	58	222	217	8	70	82	672	473	337	127	434	41	19
SHMW-12I	35.0 - 45.0	--	--	--	0	--	--	--	2	--	--	--	0	--	--	--	6	--	--	--	0
SHMW-13S	1.5 - 6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	12	0	0	0
SHMW-13I	35.0 - 45.0	--	--	--	0	--	0	--	0	--	--	--	0	--	--	--	0	--	--	--	0

**Table 4. Summary of Historical Total BTEX Results
Sag Harbor Former MGP Site
Groundwater Monitoring Program - Q4 2015**

Well No.	Screen Interval (feet)	Total BTEX Concentrations (µg/L)												Min	Max	Mean
		Sampling Date														
		2013				2014				2015						
		March	June	Sept	Dec	March	June	Sept	Dec	March	June	Sept	Dec			
MW-01	1.50 - 7.32	--	--	--	--	--	--	--	--	--	--	--	--	0	2,720	236
MW-02	0.50 - 7.25	--	--	--	--	--	--	--	--	--	--	--	--	98	15,181	9,129
MW-03	2.17 - 10.17	--	--	--	--	--	--	--	--	--	--	--	--	560	4,965	2,416
MW-04	1.25 - 6.81	--	--	--	--	--	--	--	--	--	--	--	--	0	864	149
MW-05	2.46 - 7.46	--	--	--	--	--	--	--	--	--	--	--	--	5	18,900	5,689
MW-06	2.47 - 7.47	--	--	--	--	--	--	--	--	--	--	--	--	0	334	50
SHMW-01S/01SR	1.0 - 6.0	1	8	0	0	0	--	0	--	--	--	0	--	0	5,183	930
SHMW-01I/01IR	35.0 - 45.0	--	--	--	1	--	--	--	--	--	--	--	--	0	5	1
SHMW-01D	65.0 - 75.0	--	--	--	0	--	--	--	--	--	--	--	--	0	3	1
SHMW-02S	1.0 - 6.0	0	5	0	0	0	--	0	--	--	--	0	--	0	5	1
SHMW-02I/02IR	35.0 - 45.0	--	--	--	11	--	--	0	--	--	--	115	--	0	1,179	63
SHMW-02D/02DR	65.0 - 75.0	--	--	--	0	--	--	--	--	--	--	--	--	0	5	1
SHMW-03S	2.0 - 12.0	6	0	0	2	3	--	5	--	--	--	47	--	0	131	31
SHMW-03I	35.0 - 45.0	--	--	--	4	--	--	0	--	--	--	0	--	0	52	4
SHMW-04S/04SR	2.0 - 12.0	158	14	949	1,846	145	504	900	302	369	428	504	297	14	25,860	6,046
SHMW-04I	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--	0	5	1
SHMW-05S/05SR	2.0 - 12.0	16	683	17	21	13	12	15	9	12	7	14	20	7	2,960	168
SHMW-05I/05IR	35.0 - 45.0	--	--	--	0	--	--	0	--	--	--	0	--	0	0	0
SHMW-06S	2.0 - 6.0	--	--	--	--	--	--	--	--	--	--	--	--	1,296	4,289	2,214
SHMW-06I	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
SHMW-07S/07SR	1.0 - 11.0	1,289	852	972	1,305	769	1991	3,508	840	0	1,777	1,938	1,362	0	3,946	1,477
SHMW-07I/07IR	35.0 - 45.0	--	--	--	0	--	--	--	--	--	--	--	--	0	11	1
SHMW-08S	1.0 - 7.0	5	6	4	3	8	4	2	5	10	4	5	5	0	19	6
SHMW-08I	35.0 - 45.0	--	--	--	0	--	--	0	--	--	--	0	--	0	5	0
SHMW-09S	2.0 - 12.0	167	198	118	93	155	193	136	53	92	136	102	86	53	1,298	492
SHMW-09I	35.0 - 45.0	--	--	--	2	--	--	4	--	--	--	408	--	0	408	30
SHMW-10S	5.0 -15.0	0	0	0	0	0	--	0	--	--	--	0	--	0	1	0
SHMW-10I	35.5 - 45.5	--	--	--	0	--	--	--	--	--	--	--	--	0	5	0
SHMW-11S	3.5 - 13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0
SHMW-11I	35.0 - 45.0	--	--	--	0	--	--	--	--	--	--	--	--	0	0	0
SHMW-12S	1.5 - 6.5	87	175	142	26	67	175	56	159	82	407	136	154	0	930	213
SHMW-12I	35.0 - 45.0	--	--	--	0	--	--	--	--	--	--	--	--	0	23	3
SHMW-13S	1.5 - 6.5	0	0	0	0	0	--	0	--	--	--	0	--	0	12	0
SHMW-13I	35.0 - 45.0	--	--	--	0	--	--	--	--	--	--	--	--	0	0	0

NOTES:

-- not analyzed or not applicable

µg/L - micrograms per liter

BTEX - benzene, toluene, ethylbenzene, and xylenes

Table 5. Summary of Historic Total PAH Results
Sag Harbor Former MGP Site
Groundwater Monitoring Program - Q4 2015

Well No.	Screen Interval (feet)	Total PAH Concentrations (µg/L)																	
		Sampling Date																	
		1995	2000		2002	2004		2005				2006				2007			
		Nov	Mar	Apr	May	May	Aug	Mar/Apr	June	Sept	Dec	March	June	Sept	Dec	March	June	Sept	Dec
MW-01	1.50 - 7.32	4,906	1,548	257	402	30	24	0	61	200	0	0	0	97	95	0	54	87	39
MW-02	0.50 - 7.25	6,991	5,511	5,114	10,729	25,167	4,414	5,809	10,504	--	6,919	5,209	--	0	8,617	3,150	7,421	5,398	165
MW-03	2.17 - 10.17	7,034	3,065	3,433	3,774	3,522	--	2,272	4,557	516	92	1,256	565	4,831	6,212	349	489	463	2,904
MW-04	1.25 - 6.81	3,612	75	--	0	90	--	0	22	1,098	103	11	37	66	31	0	66	238	6
MW-05	2.46 - 7.46	16,386	779	101	1,160	431,600	2,049	918	188,200	--	--	--	--	--	--	--	--	--	--
MW-06	2.47 - 7.47	5,416	894	653	258	33	--	90	79	204	0	22	0	0	645	35	46	17	0
SHMW-01S/01SR	1.0 - 6.0	--	--	4,147	2,663	2,424	--	1,989	2,185	840	0	42	115	3,989	3,874	0	1,058	1,691	42
SHMW-01I/01IR	35.0 - 45.0	--	--	32	0	0	--	--	--	--	0	--	--	--	0	--	--	--	--
SHMW-01D	65.0 - 75.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SHMW-02S	1.0 - 6.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SHMW-02I/02IR	35.0 - 45.0	--	--	266	0	580,200	41	185	124	271	30	74	32	91	89	0	10	175	32
SHMW-02D/02DR	65.0 - 75.0	--	--	308	76	89	--	--	--	--	0	--	--	--	0	--	--	--	15
SHMW-03S	2.0 - 12.0	--	--	422	0	295	--	79	130	117	339	0	0	147	118	430	191	12	154
SHMW-03I	35.0 - 45.0	--	--	2	320	0	--	--	--	--	0	--	--	--	0	--	--	--	0
SHMW-04S/04SR	2.0 - 12.0	--	--	4,275	5,107	5,965	--	3,959	6,669	4,684	5,879	2,364	3,572	4,196	6,250	2,632	3,999	4,693	4,305
SHMW-04I	35.0 - 45.0	--	--	18	0	0	--	--	--	--	0	--	--	--	0	--	--	--	0
SHMW-05S/05SR	2.0 - 12.0	--	--	13	170	94	--	82	91	26	53	17	11	11	110	0	0	14	8
SHMW-05I/05IR	35.0 - 45.0	--	--	0	17	0	--	--	--	--	0	--	--	--	0	--	--	--	0
SHMW-06S	2.0 - 6.0	--	--	4,130	4,694	3,024	--	3,162	2,366	--	4,157	120	201	3,900	4,062	1,703	3,574	4,368	380
SHMW-06I	35.0 - 45.0	--	--	2	0	0	--	--	--	--	0	--	--	--	0	--	--	--	0
SHMW-07S/07SR	1.0 - 11.0	--	--	7,211	6,585	2,708	--	3,224	4,604	6,187	3,507	2,004	3,119	--	3,721	0	--	3,902	4
SHMW-07I/07IR	35.0 - 45.0	--	--	0	0	0	--	--	--	--	0	--	--	--	2,212	--	--	--	0
SHMW-08S	1.0 - 7.0	--	--	110	71	94	--	25	70	33	83	112	57	77	99	13	90	10	13
SHMW-08I	35.0 - 45.0	--	--	13	0	0	--	--	--	--	0	--	--	--	0	--	--	--	0
SHMW-09S	2.0 - 12.0	--	--	1,787	2,472	1,697	--	1,463	1,600	--	2,609	94	1,935	1,138	2,737	48	206	2,246	130
SHMW-09I	35.0 - 45.0	--	--	3	0	0	--	--	--	--	0	--	--	--	0	--	--	--	0
SHMW-10S	5.0 - 15.0	--	--	--	22	6	--	0	0	0	0	0	0	0	0	0	0	0	1
SHMW-10I	35.5 - 45.5	--	--	--	0	0	--	--	--	--	0	--	--	--	0	--	--	--	0
SHMW-11S	3.5 - 13.5	--	--	--	0	3	--	173	0	0	0	0	0	0	0	0	0	0	0
SHMW-11I	35.0 - 45.0	--	--	--	0	0	--	--	--	--	0	--	--	--	0	--	--	--	4
SHMW-12S	1.5 - 6.5	--	--	--	60	218	--	71	600	230	260	110	470	310	280	15	560	0	155
SHMW-12I	35.0 - 45.0	--	--	--	0	0	--	--	--	--	0	--	--	--	0	--	--	--	20
SHMW-13S	1.5 - 6.5	--	--	--	0	0	--	0	0	0	0	0	0	0	0	0	0	0	0
SHMW-13I	35.0 - 45.0	--	--	--	0	0	--	--	--	--	0	--	--	--	0	--	--	--	0

**Table 5. Summary of Historic Total PAH Results
Sag Harbor Former MGP Site
Groundwater Monitoring Program - Q4 2015**

Well No.	Screen Interval (feet)	Total PAH Concentrations (µg/L)																			
		Sampling Date																			
		2008				2009				2010				2011				2012			
		March	June	Sept	Dec	March	June	Sept	Dec	March	June	Sept	Dec	March	June	Sept	Dec	March	June	Sept	Dec
MW-01	1.50 - 7.32	145	2	35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-02	0.50 - 7.25	400	3,455	3,488	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-03	2.17 - 10.17	508	96	1,109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-04	1.25 - 6.81	--	0	22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-05	2.46 - 7.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-06	2.47 - 7.47	0	0	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SHMW-01S/01SR	1.0 - 6.0	0	0	0	--	--	--	--	--	--	--	--	0	0	0	0	4	7	21	0	0
SHMW-01I/01IR	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	0	--	--	--	0	--	--	--	0
SHMW-01D	65.0 - 75.0	--	--	--	--	--	--	--	--	--	--	--	0	--	--	--	0	--	--	--	0
SHMW-02S	1.0 - 6.0	--	--	--	--	--	--	--	--	--	--	--	0	0	0	0	0	5	0	0	0
SHMW-02I/02IR	35.0 - 45.0	8	42	209	--	--	--	--	--	--	--	--	9	3	--	--	0	--	--	--	56
SHMW-02D/02DR	65.0 - 75.0	--	--	--	--	--	--	--	--	--	--	--	0	--	--	--	0	--	--	--	0
SHMW-03S	2.0 - 12.0	0	0	17	29	0	20	0	0	0	22	0	0	2	7	25	22	6	10	22	2
SHMW-03I	35.0 - 45.0	--	--	--	0	--	0	--	0	--	--	--	0	--	--	--	0	--	--	--	0
SHMW-04S/04SR	2.0 - 12.0	0	1,328	1,868	--	--	--	--	--	--	--	--	3,598	1,440	978	811	942	581	1,296	1,195	639
SHMW-04I	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SHMW-05S/05SR	2.0 - 12.0	2	0	31	--	--	--	--	--	--	--	--	0	4	167	273	131	309	219	420	20
SHMW-05I/05IR	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	0	--	--	--	0	--	--	--	0
SHMW-06S	2.0 - 6.0	0	44	5,848	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SHMW-06I	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SHMW-07S/07SR	1.0 - 11.0	--	54	3,252	--	--	2,919	4,722	5,286	3,410	4,547	--	1,456	0	1,736	885	955	927	444	4,342	419
SHMW-07I/07IR	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	0	--	--	--	4	--	--	--	0
SHMW-08S	1.0 - 7.0	14	21	55	--	--	59	60	112	129	201	34	3	11	185	195	35	152	111	113	182
SHMW-08I	35.0 - 45.0	--	--	--	--	--	1	--	0	--	--	--	0	--	--	--	0	--	--	--	0
SHMW-09S	2.0 - 12.0	0	92	485	503	--	68	39	389	--	--	--	--	--	--	--	--	--	--	787	690
SHMW-09I	35.0 - 45.0	--	--	--	0	--	0	--	0	--	--	--	--	--	--	--	--	--	--	0	0
SHMW-10S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0	0
SHMW-10I	35.5 - 45.5	--	--	--	0	--	0	--	0	--	--	--	0	--	--	--	0	--	--	--	0
SHMW-11S	3.5 - 13.5	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	4	6	0	0	2
SHMW-11I	35.0 - 45.0	--	--	--	0	--	0	--	0	--	--	--	0	--	--	--	0	--	--	--	0
SHMW-12S	1.5 - 6.5	9	137	259	280	0	332	4	216	177	585	3	0	0	584	739	513	154	361	217	104
SHMW-12I	35.0 - 45.0	--	--	--	0	--	--	--	0	--	--	--	0	--	--	--	2	--	--	--	0
SHMW-13S	1.5 - 6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	2	0	0	0
SHMW-13I	35.0 - 45.0	--	--	--	0	--	0	--	0	--	--	--	0	--	--	--	1	--	--	--	0

Table 5. Summary of Historic Total PAH Results
Sag Harbor Former MGP Site
Groundwater Monitoring Program - Q4 2015

Well No.	Screen Interval (feet)	Total PAH Concentrations (µg/L)												Min	Max	Mean
		Sampling Date														
		2013				2014				2015						
		March	June	Sept	Dec	March	June	Sept	Dec	March	June	Sept	Dec			
MW-01	1.50 - 7.32	--	--	--	--	--	--	--	--	--	--	--	--	0	4,906	380
MW-02	0.50 - 7.25	--	--	--	--	--	--	--	--	--	--	--	--	0	25,167	6,235
MW-03	2.17 - 10.17	--	--	--	--	--	--	--	--	--	--	--	--	92	7,034	2,352
MW-04	1.25 - 6.81	--	--	--	--	--	--	--	--	--	--	--	--	0	3,612	304
MW-05	2.46 - 7.46	--	--	--	--	--	--	--	--	--	--	--	--	101	431,600	80,149
MW-06	2.47 - 7.47	--	--	--	--	--	--	--	--	--	--	--	--	0	5,416	420
SHMW-01S/01SR	1.0 - 6.0	8	0	0	0	67	--	0	--	--	--	--	--	0	4,147	763
SHMW-01I/01IR	35.0 - 45.0	--	--	--	0	--	--	--	--	--	--	--	--	0	32	4
SHMW-01D	65.0 - 75.0	--	--	--	0	--	--	--	--	--	--	--	--	0	0	0
SHMW-02S	1.0 - 6.0	5	0	0	0	0	--	0	--	--	--	23	--	0	23	2
SHMW-02I/02IR	35.0 - 45.0	--	--	--	245	--	--	11	--	--	--	25	--	0	580,200	22,393
SHMW-02D/02DR	65.0 - 75.0	--	--	--	0	--	--	--	--	--	--	--	--	0	308	49
SHMW-03S	2.0 - 12.0	23	14	16	6	5	--	3	--	--	--	16	--	0	430	64
SHMW-03I	35.0 - 45.0	--	--	--	4	--	--	0	--	--	--	0	--	0	320	22
SHMW-04S/04SR	2.0 - 12.0	402	100	1,875	1,916	190	523	1,637	309	571	551	886	112	0	6,669	2,367
SHMW-04I	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--	0	18	3
SHMW-05S/05SR	2.0 - 12.0	107	175	155	291	171	153	367	121	94	94	208	308	0	420	116
SHMW-05I/05IR	35.0 - 45.0	--	--	--	0	--	--	0	--	--	--	0	--	0	17	1
SHMW-06S	2.0 - 6.0	--	--	--	--	--	--	--	--	--	--	--	--	0	5,848	2,690
SHMW-06I	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--	0	2	0
SHMW-07S/07SR	1.0 - 11.0	2,620	950	4,030	1,381	1733	5945	12,876	904	0	14,332	11,494	3,943	0	14,332	3,472
SHMW-07I/07IR	35.0 - 45.0	--	--	--	1	--	--	--	--	--	--	--	--	0	2,212	222
SHMW-08S	1.0 - 7.0	95	151	180	148	147	174	250	160	116	213	140	157	3	250	101
SHMW-08I	35.0 - 45.0	--	--	--	0	--	--	0	--	--	--	0	--	0	13	1
SHMW-09S	2.0 - 12.0	721	575	603	211	560	832	1,315	360	529	909	121	107	0	2,737	859
SHMW-09I	35.0 - 45.0	--	--	--	2	--	--	2	--	--	--	3	--	0	3	1
SHMW-10S	5.0 - 15.0	0	0	0	1	0	--	0	--	--	--	0	--	0	22	1
SHMW-10I	35.5 - 45.5	--	--	--	0	--	--	--	--	--	--	--	--	0	0	0
SHMW-11S	3.5 - 13.5	1	0	7	16	1	0	1	201	2	1	5	3	0	201	9
SHMW-11I	35.0 - 45.0	--	--	--	1	--	--	--	--	--	--	--	--	0	4	0
SHMW-12S	1.5 - 6.5	62	410	604	133	0	353	493	247	76	523	502	317	0	739	255
SHMW-12I	35.0 - 45.0	--	--	--	0	--	--	--	--	--	--	--	--	0	20	2
SHMW-13S	1.5 - 6.5	0	0	0	0	0	0	1	--	--	--	0	--	0	3	0
SHMW-13I	35.0 - 45.0	--	--	--	0	--	--	--	--	--	--	--	--	0	1	0

NOTES:

-- not analyzed or not applicable
µg/L - micrograms per liter
PAH - polycyclic aromatic hydrocarbons

Figures



SOURCE:

Map created with TOPO!® ©2001 National Geographic (www.nationalgeographic.com/topo)



Sag Harbor Former MGP Site
Sag Harbor, New York

nationalgrid

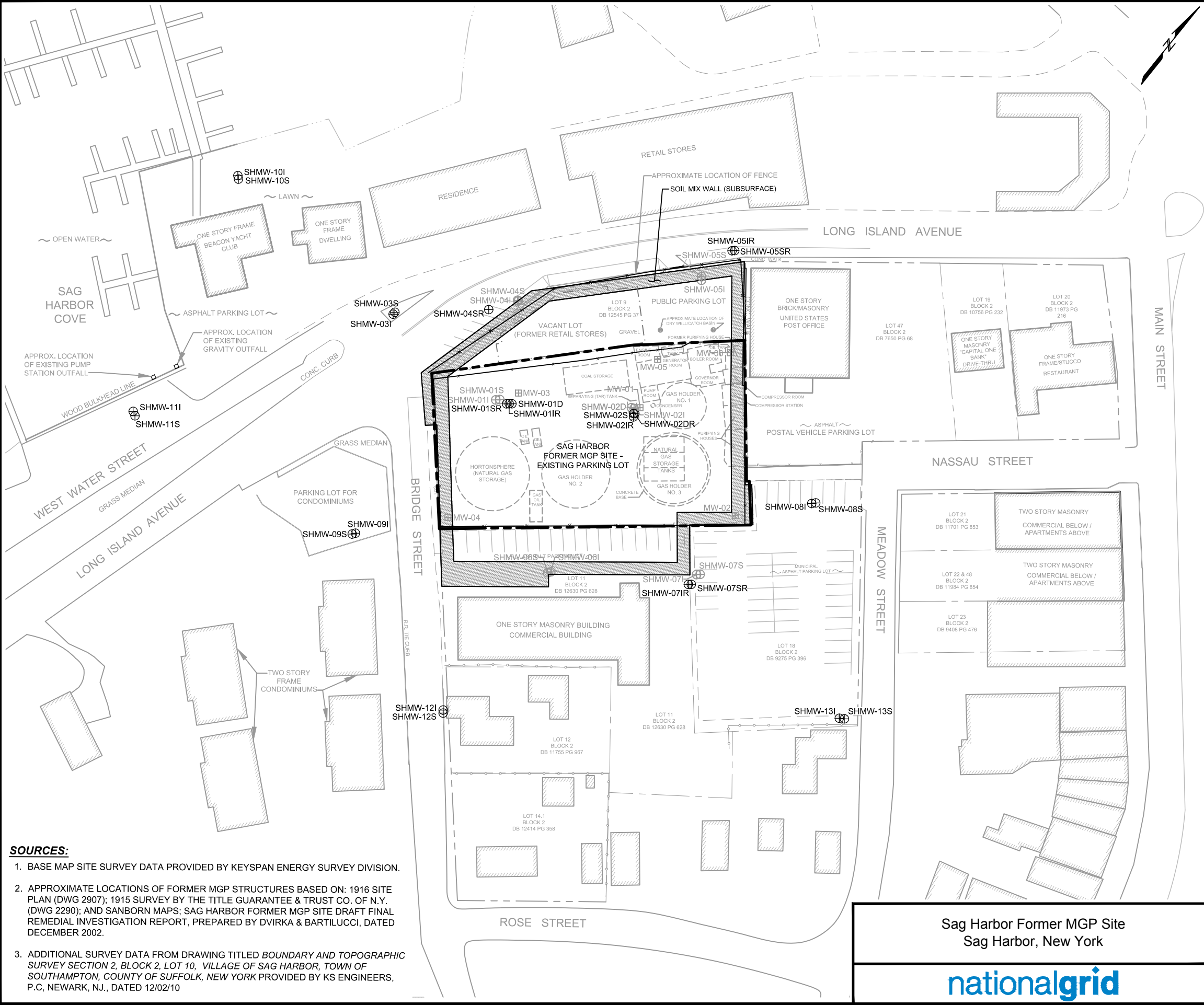


SITE LOCATION MAP

Project 093190

April 2016

Fig. 1



LEGEND

APPROXIMATE LOCATION OF FORMER MGP STRUCTURE

LOCATION OF EXISTING STRUCTURE

CURRENT SITE BOUNDARY

ADJACENT SITE BOUNDARY

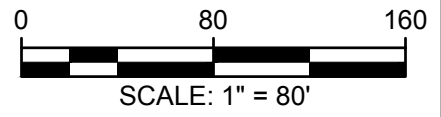
CHAIN-LINK FENCE

STOCKADE FENCE

FORMER MONITORING WELL (WELL ABANDONED OR DESTROYED)

MONITORING WELL LOCATION

- SOURCES:**
1. BASE MAP SITE SURVEY DATA PROVIDED BY KEYSpan ENERGY SURVEY DIVISION.
 2. APPROXIMATE LOCATIONS OF FORMER MGP STRUCTURES BASED ON: 1916 SITE PLAN (DWG 2907); 1915 SURVEY BY THE TITLE GUARANTEE & TRUST CO. OF N.Y. (DWG 2290); AND SANBORN MAPS; SAG HARBOR FORMER MGP SITE DRAFT FINAL REMEDIAL INVESTIGATION REPORT, PREPARED BY DVIRKA & BARTILUCCI, DATED DECEMBER 2002.
 3. ADDITIONAL SURVEY DATA FROM DRAWING TITLED *BOUNDARY AND TOPOGRAPHIC SURVEY SECTION 2, BLOCK 2, LOT 10, VILLAGE OF SAG HARBOR, TOWN OF SOUTHAMPTON, COUNTY OF SUFFOLK, NEW YORK* PROVIDED BY KS ENGINEERS, P.C, NEWARK, NJ., DATED 12/02/10



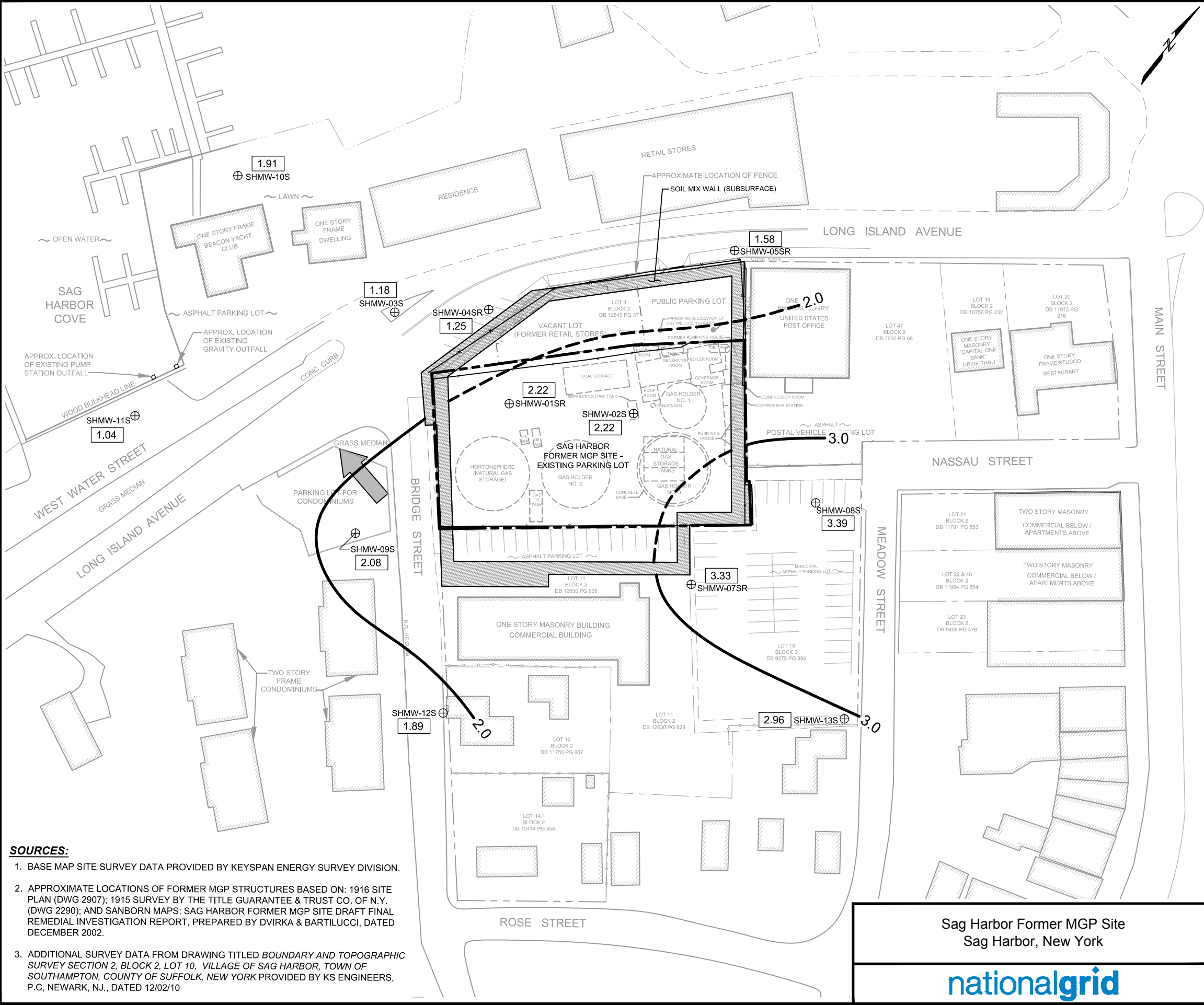
Sag Harbor Former MGP Site
Sag Harbor, New York

MONITORING WELL
LOCATION MAP

Project 093190

April 2016

Fig. 2



LEGEND

APPROXIMATE LOCATION OF FORMER MGP STRUCTURE

LOCATION OF EXISTING STRUCTURE

CURRENT SITE BOUNDARY

ADJACENT SITE BOUNDARY

CHAIN-LINK FENCE

STOCKADE FENCE

SHMW-05S

FORMER MONITORING WELL (WELL ABANDONED OR DESTROYED)

SHMW-03S

MONITORING WELL LOCATION

1.91

GROUNDWATER ELEVATION IN FEET

NM

WELL NOT MEASURED

2.0

GROUNDWATER CONTOUR (FT)

2.0

GROUNDWATER CONTOUR (INFERRED)

APPROXIMATE GROUNDWATER FLOW DIRECTION

- SOURCES:**
1. BASE MAP SITE SURVEY DATA PROVIDED BY KEYSpan ENERGY SURVEY DIVISION.
 2. APPROXIMATE LOCATIONS OF FORMER MGP STRUCTURES BASED ON: 1916 SITE PLAN (DWG 2907); 1915 SURVEY BY THE TITLE GUARANTEE & TRUST CO. OF N.Y. (DWG 2290); AND SANBORN MAPS; SAG HARBOR FORMER MGP SITE DRAFT FINAL REMEDIAL INVESTIGATION REPORT, PREPARED BY DVIRKA & BARTILUCCI, DATED DECEMBER 2002.
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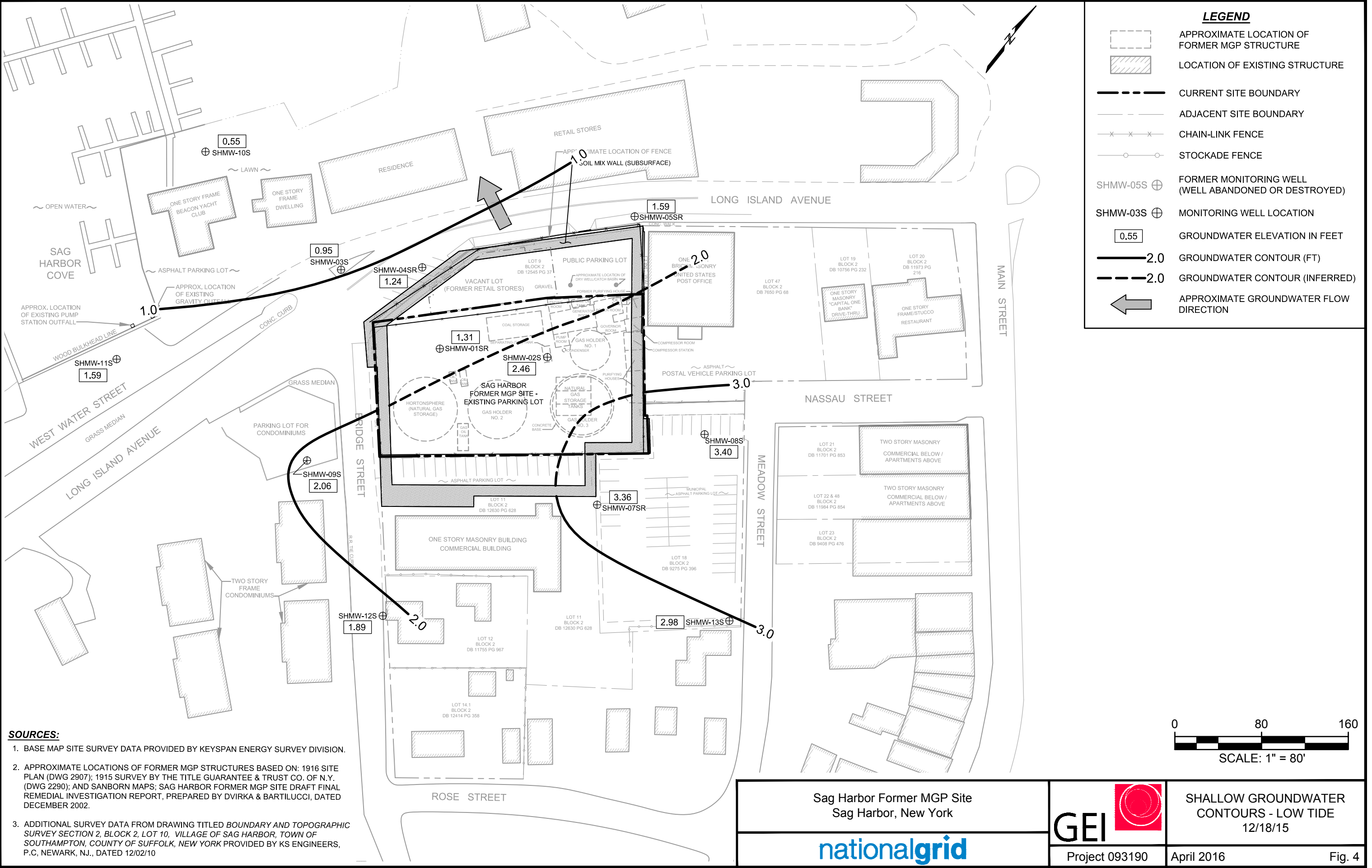
Sag Harbor Former MGP Site
Sag Harbor, New York

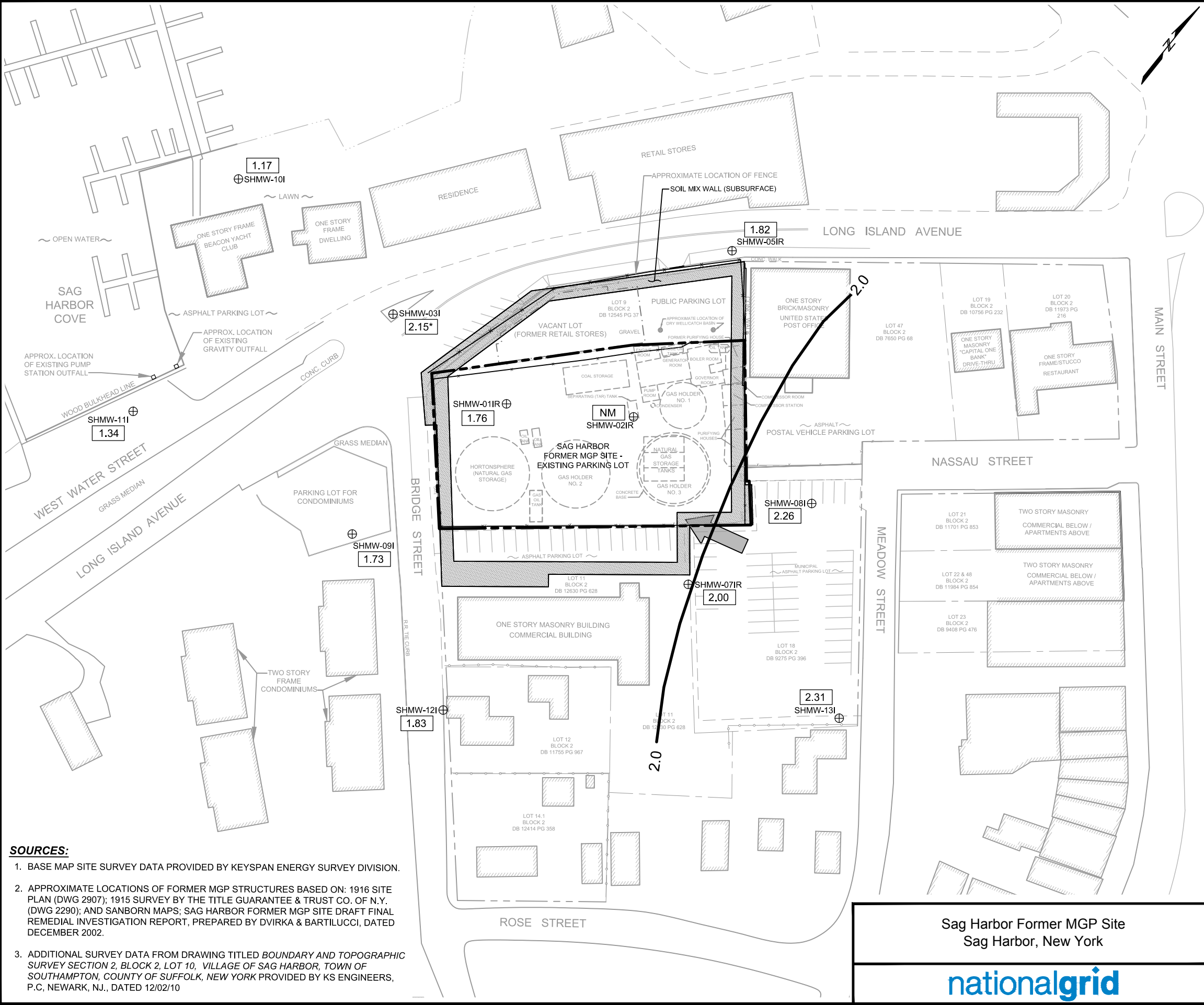
SHALLOW GROUNDWATER
CONTOURS - HIGH TIDE
12/18/15

Project 093190

April 2016

Fig. 3





LEGEND

APPROXIMATE LOCATION OF FORMER MGP STRUCTURE

LOCATION OF EXISTING STRUCTURE

CURRENT SITE BOUNDARY

ADJACENT SITE BOUNDARY

CHAIN-LINK FENCE

STOCKADE FENCE

SHMW-02I

FORMER MONITORING WELL (WELL ABANDONED OR DESTROYED)

SHMW-03I

MONITORING WELL LOCATION

1.17

GROUNDWATER ELEVATION IN FEET

NM

WELL NOT MEASURED

2.15*

MEASUREMENT NOT USED TO GENERATE CONTOURS

2.0

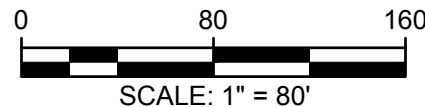
GROUNDWATER CONTOUR (FT, INFERRED)

2.0

GROUNDWATER CONTOUR (INFERRED)

APPROXIMATE GROUNDWATER FLOW DIRECTION

- SOURCES:**
1. BASE MAP SITE SURVEY DATA PROVIDED BY KEYSpan ENERGY SURVEY DIVISION.
 2. APPROXIMATE LOCATIONS OF FORMER MGP STRUCTURES BASED ON: 1916 SITE PLAN (DWG 2907); 1915 SURVEY BY THE TITLE GUARANTEE & TRUST CO. OF N.Y. (DWG 2290); AND SANBORN MAPS; SAG HARBOR FORMER MGP SITE DRAFT FINAL REMEDIAL INVESTIGATION REPORT, PREPARED BY DVIRKA & BARTILUCCI, DATED DECEMBER 2002.
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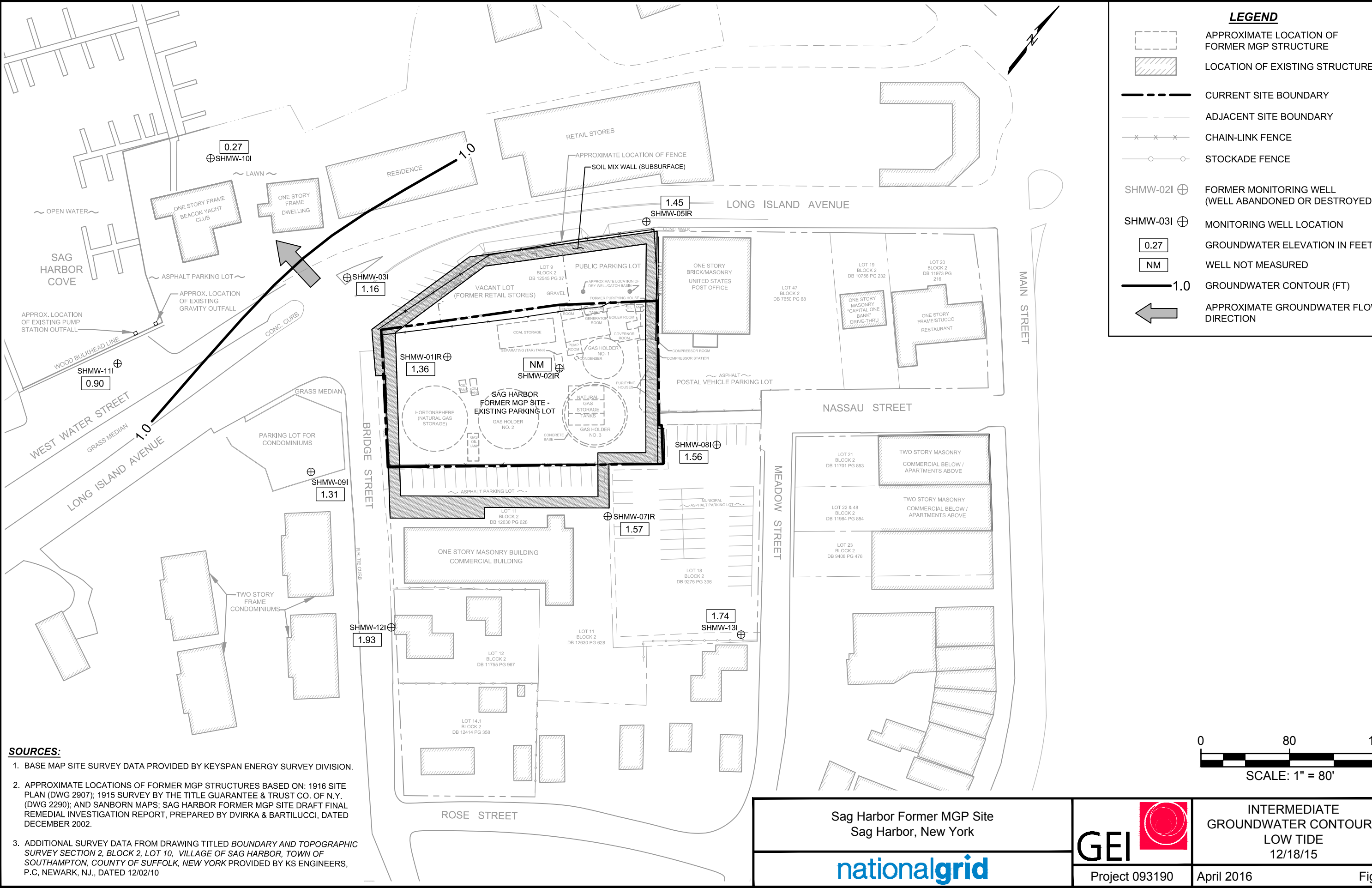
Sag Harbor Former MGP Site
Sag Harbor, New York

INTERMEDIATE
GROUNDWATER CONTOURS
HIGH TIDE
12/18/15

Project 093190

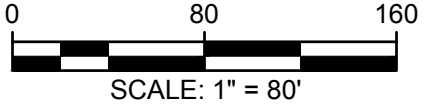
April 2016

Fig. 5



SOURCES:

- BASE MAP SITE SURVEY DATA PROVIDED BY KEYSpan ENERGY SURVEY DIVISION.
- APPROXIMATE LOCATIONS OF FORMER MGP STRUCTURES BASED ON: 1916 SITE PLAN (DWG 2907); 1915 SURVEY BY THE TITLE GUARANTEE & TRUST CO. OF N.Y. (DWG 2290); AND SANBORN MAPS; SAG HARBOR FORMER MGP SITE DRAFT FINAL REMEDIAL INVESTIGATION REPORT, PREPARED BY DVIRKA & BARTILUCCI, DATED DECEMBER 2002.
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Sag Harbor Former MGP Site Sag Harbor, New York		INTERMEDIATE GROUNDWATER CONTOURS LOW TIDE 12/18/15	
		Project 093190	April 2016
nationalgrid		Fig. 6	