



Geotechnical
Environmental and
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Engineering

**Quarterly Groundwater Monitoring Report
Second Quarter (Q2) 2009**

Sag Harbor Former MGP Site

Village of Sag Harbor
Suffolk County, Long Island, NY
Site ID No. 1-52-159

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1. Sag Harbor Site and Adjacent Off-Site Areas

Q2 2009 Groundwater Monitoring Event Summary

Event Date:	June 4, 2009 and June 22-25, 2009	
Site Phase:	Quarterly groundwater monitoring	
Location:	The location of the Sag Harbor Former MGP Site is depicted on Figure 1 .	
Monitoring Program:	<i>Number of Wells:</i>	A total of 16 monitoring wells are currently located adjacent to the site (see Figure 2). All of the on-site wells and several off-site wells were destroyed or abandoned during site construction and remediation activities. 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 Q1 2009 sampling event due to the remediation activities being conducted at the site.
	<i>Hydrological Data:</i>	Groundwater levels were measured at all 16 remaining monitoring wells. Depth to groundwater and calculated groundwater elevations are provided in Table 1. The groundwater flow direction was generally to the west towards Sag Harbor Cove (see Figures 3 through 6). 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 Q2 2009 were as follows: ▪ Depth to the water table in shallow wells at high tide ranged from -0.02 (SHMW-12S) to 5.00 (SHMW-11S) feet below the well measuring point. Artesian conditions existed at SHMW-12S. ▪ Water table elevations in shallow wells at high tide ranged from 0.74 (SHMW-11S) to 4.77 (SHMW-8S) feet above mean sea level (MSL). ▪ Depth to the water table in shallow wells at low

tide ranged from **-0.13** (SHMW-12S) to **5.49** (SHMW-11S) feet below the well measuring point. Artesian conditions existed at SHMW-12S.

- Water table elevations in shallow wells at low tide ranged from **0.25** (SHMW-11S) to **4.97** (SHMW-8S) feet above MSL.
- The calculated shallow hydraulic gradient for high tide was **0.0037** feet/foot. The calculated shallow hydraulic gradient for low tide was **0.0042** feet/foot.
- Depth to groundwater in intermediate wells at high tide ranged from **0.15** (SHMW-12I) to **4.75** (SHMW-11I) feet below the well measuring point.
- Groundwater elevations in intermediate wells at high tide ranged from **1.04** (SHMW-11I) to **4.70** (SHMW-07I) feet above MSL.
- Depth to groundwater in intermediate wells at low tide ranged from **0.28** (SHMW-12I) to **5.66** (SHMW-11I) feet below the well measuring point.
- Groundwater elevations in intermediate wells at low tide ranged from **0.13** (SHMW-11I) to **4.64** (SHMW-07I) feet above MSL.
- The calculated intermediate hydraulic gradient for high tide was **0.0018** feet/foot. The calculated intermediate hydraulic gradient for low tide was **0.0039** feet/foot.

*NAPL
Thickness
Data:*

Table 2 provides a summary of historic non-aqueous phase liquid (NAPL) data. In Q2 2009, 11 monitoring wells (SHMW-03S, SHMW-03I, SHMW-07S, SHMW-07I, SHMW-08S, SHMW-08I, SHMW-09S, SHMW-10S, SHMW-11S, SHMW-12S, and SHMW-13S) were monitored for NAPL as part of the groundwater monitoring program. As shown in **Table 2**, light non-aqueous phase liquid (LNAPL) and dense non-aqueous phase liquid (DNAPL) were not found in these monitoring wells during Q2 2009.

*Chemical
Data:*

A total of **14** monitoring wells were sampled for BTEX and MTBE (EPA Method 8260) and PAHs (EPA Method 8270). Well sampling was conducted on June 22 through June 25, 2009 and included all accessible shallow and intermediate wells that are sampled on a quarterly basis. SHMW-07I was clogged with mud/sediment during the time of sampling and could not be sampled.

Chemical data for Q2 2009 (see **Table 3**) indicate:

- Total BTEX concentrations ranged from less than method detection limits in 9 of 14 wells sampled to **1,500** micrograms per liter (µg/L) in SHMW-07S.
- Total PAH concentrations ranged from less than method detection limits in 8 of the 14 wells sampled to **2,919** µg/L in SHMW-07S.

**Data Trend
Analysis:**

In general, fairly consistent BTEX and PAH concentrations (see historical data in **Tables 4** and **5**) have been detected in shallow groundwater on and adjacent to the site when compared to previous sampling events.

In Q2 2009, BTEX concentrations were below laboratory detection limits in three of the eight shallow wells sampled. BTEX concentrations have been below detection limits in two shallow wells (SHMW-11S and SHMW-13S) since these wells were installed in 2002. In three of the five shallow wells that had detectable BTEX concentrations (SHMW-03S, SHMW-08S, and SHMW-09S), the BTEX concentration was lower than its respective mean. In the remaining wells (SHMW-07S and SHMW-12S), the BTEX concentration was within the range of historical values.

Between Q1 and Q2 2009, BTEX concentrations decreased in one of the five shallow wells sampled in each quarter (SHMW-03S). Although a BTEX increase was observed in shallow well SHMW-12S, the increase was consistent with typical historical fluctuations.

BTEX concentrations were below detection limits in all six of the intermediate wells sampled.

In Q2 2009, PAH concentrations were below the laboratory detection limits in three of the eight shallow wells sampled. In three of the five shallow wells that had detectable PAH concentrations (SHMW-03S, SHMW-07S, and SHMW-09S), the Q2 PAH concentration was lower than its respective mean. In the remaining two wells (SHMW-08S

and SHMW-12S), the PAH concentrations were consistent with typical historical fluctuations.

Between Q1 and Q2 2009, PAH increases were observed in two of the five shallow wells sampled in each quarter (SHMW-03S and SHMW-12S); however, these increases were consistent with typical historical fluctuations.

PAH concentrations were below the laboratory detection limits in five of the six intermediate wells sampled. The PAH concentration in SHMW-08I (1 µg/L) was below its mean value for the historical monitoring period.

MTBE concentrations remained below laboratory detection limits in 13 of the 14 wells sampled. The exception was SHMW-12S with a concentration of 1 µg/L, estimated below the method detection level.

Water table elevations (see **Table 1**) at shallow wells during high tide conditions have increased between Q1 and Q2 2009 in four of the five wells measured. Increases in these wells ranged from 0.02 to 3.28 feet. The average increase over these wells was 1.15 feet. The water table elevation in shallow well SHMW-13S at high tide decreased by 0.2 feet between Q1 and Q2 2009.

Water table elevations at shallow wells during low tide conditions have also increased between Q1 and Q2 2009 in four of the five wells measured. Decreases ranged from 0.13 to 3.36 feet. The average decrease over these wells was 1.22 feet. The water table elevation in shallow well SHMW-13S at low tide decreased by 0.25 feet between Q1 and Q2 2009.

The increases in water table elevations in shallow wells between Q1 and Q2 2009 can likely be attributed to the lack of dewatering which was conducted during Q1 2009 in support of remedial work ongoing during the Q1 water level measurements. The dewatering process likely affected some of the Q1 measurements, specifically SHMW-03S, SHMW-03I, SHMW-09I, and SHMW-12I.

Variable dissolved constituent concentrations detected in shallow groundwater over the past events are likely due, in part, to the rise and fall of the water table resulting in periods of both decreased and increased dissolution of adsorbed BTEX and PAHs trapped beneath the interface.

The historical NAPL data (see **Table 2**) indicate that measurable

quantities of NAPL have primarily been found in two former on-site shallow monitoring wells (MW-02 and MW-05), one former on-site intermediate well (SHMW-02I), and one former off-site shallow well (SHMW-04S). Historically, trace amounts of NAPL have been found in two former on-site shallow wells (MW-03 and MW-04), and one former off-site shallow well (SHMW-06S). All of the wells in which NAPL has been historically detected were either destroyed or abandoned prior to the Q1 2009 groundwater monitoring event. In Q2 2009, NAPL was not found in any of the remaining wells monitored.

Current Plans: Continue quarterly groundwater and NAPL monitoring at accessible monitoring wells. Remedial activities at the site began in late Q3 2008 and were completed in Q2 2009. The monitoring well network will be re-evaluated to determine which wells affected by the remediation activities need to be repaired or replaced.

Tables

Table 1
Sag Harbor Former MGP Site
Groundwater Monitoring Program
Water Level Measurements and Calculated Water Elevations - Q2 2009

Well ID	Top of Casing Elevation (ft)	Tide	Time	6/4/2009		Notes
				Depth to Water (ft)	Groundwater Elevation (ft)	
MW-01	5.09	High	--	--	--	Well abandoned
		Low	--	--	--	
MW-02	4.48	High	--	--	--	Well abandoned
		Low	--	--	--	
MW-03	4.59	High	--	--	--	Well abandoned
		Low	--	--	--	
MW-04	4.13	High	--	--	--	Well abandoned
		Low	--	--	--	
MW-05	5.07	High	--	--	--	Well destroyed
		Low	--	--	--	
MW-06	5.38	High	--	--	--	Well abandoned
		Low	--	--	--	
SHMW-01S	4.52	High	--	--	--	Well abandoned
		Low	--	--	--	
SHMW-01I	4.47	High	--	--	--	Well abandoned
		Low	--	--	--	
SHMW-02I	5.22	High	--	--	--	Well abandoned
		Low	--	--	--	
SHMW-02D	5.19	High	--	--	--	Well abandoned
		Low	--	--	--	
SHMW-03S	5.43	High	1518	3.08	2.35	
		Low	927	3.11	2.32	
SHMW-03I	5.43	High	1520	2.30	3.13	
		Low	926	2.80	2.63	
SHMW-04S	5.71	High	--	--	--	Well abandoned
		Low	--	--	--	
SHMW-04I	5.71	High	--	--	--	Well abandoned
		Low	--	--	--	
SHMW-05S	6.23	High	--	--	--	Well abandoned
		Low	--	--	--	
SHMW-05I	6.14	High	--	--	--	Well abandoned
		Low	--	--	--	
SHMW-06S	4.44	High	--	--	--	Well abandoned
		Low	--	--	--	
SHMW-06I	4.43	High	--	--	--	Well abandoned
		Low	--	--	--	
SHMW-07S	5.05	High	845	0.46	4.59	
		Low	1450	0.45	4.60	
SHMW-07I	5.00	High	845	0.30	4.70	
		Low	1450	0.36	4.64	
SHMW-08S	5.26	High	851	0.49	4.77	
		Low	1459	0.29	4.97	
SHMW-08I	5.08	High	851	1.66	3.42	
		Low	1459	2.20	2.88	
SHMW-09S	4.36	High	832	1.88	2.48	
		Low	1429	1.79	2.57	
SHMW-09I	4.41	High	834	1.44	2.97	
		Low	1426	1.66	2.75	
SHMW-10S	5.91	High	827	4.17	1.74	
		Low	1435	4.54	1.37	
SHMW-10I	5.89	High	828	3.61	2.28	
		Low	1435	4.73	1.16	
SHMW-11S	5.74	High	829	5.00	0.74	
		Low	1440	5.49	0.25	
SHMW-11I	5.79	High	830	4.75	1.04	
		Low	1441	5.66	0.13	
SHMW-12S	3.42	High	840	-0.02	3.44	Artesian
		Low	1446	-0.13	3.55	
SHMW-12I	3.29	High	837	0.15	3.14	
		Low	1448	0.28	3.01	
SHMW-13S	4.68	High	849	0.57	4.11	
		Low	1453	0.66	4.02	
SHMW-13I	4.70	High	848	1.27	3.43	
		Low	1454	1.07	3.63	

-- Not Available

Table 2
Sag Harbor Former MGP Site
Groundwater Monitoring Program
Summary of Historic NAPL Observations

Well ID	May 2002 Observations	May 2004 Observations	August 2004 Observations	October 2004 Observations	November 2004 Observations	December 2004 Observations	January 2005 Observations	February 2005 Observations	March 2005 Observations	April/Q1 2005 Observations	June/Q2 2005 Observations	September/Q3 2005 Observations
MW-01	None Observed	Odor	None Observed	Not Checked	NR	NR	NR	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	Approx. 0.15' of DNAPL	Trace DNAPL at bottom of tape	Approx. 0.13' 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	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	None Observed	None Observed	Trace DNAPL at bottom of tape
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	Sporadic DNAPL, approx. 0.1' of LNAPL	Approx. 3.0' of DNAPL	Approx. 0.75' of DNAPL, approx. 0.12' of LNAPL
MW-06	None Observed	Slight naphthalene-like odor	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SHMW-01S	None Observed	Slight naphthalene-like odor	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SHMW-01I	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SHMW-02I	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	Approx. 1.1' of DNAPL	Approx. 0.75' of DNAPL	Approx. 0.4' of DNAPL
SHMW-02D	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

Notes:
DNAPL - Dense Non-aqueous Phase Liquid
LNAPL - Light Non-aqueous Phase Liquid
WC - Water Column
NR - Gauging Not Required

Table 2
Sag Harbor Former MGP Site
Groundwater Monitoring Program
Summary of Historic NAPL Observations

Well ID	May 2002 Observations	May 2004 Observations	August 2004 Observations	October 2004 Observations	November 2004 Observations	December 2004 Observations	January 2005 Observations	February 2005 Observations	March 2005 Observations	April/Q1 2005 Observations	June/Q2 2005 Observations	September/Q3 2005 Observations
SHMW-03S	None Observed	Odor	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SHMW-03I	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SHMW-04S	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	Approx. 0.25' of DNAPL	Approx. 0.90' of DNAPL	Approx. 0.26' of DNAPL
SHMW-04I	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SHMW-05S	None Observed	Blebs of DNAPL in purge water, odor	NR	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-05I	None Observed	None Observed	NR	NR	NR	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	NR	NR	Trace DNAPL at bottom of tape
SHMW-06I	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SHMW-07S	Sheen and naphthalene-like odor	Slight odor	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SHMW-07I	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SHMW-08S	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

Notes:
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Summary of Historic NAPL Observations

Well ID	May 2002 Observations	May 2004 Observations	August 2004 Observations	October 2004 Observations	November 2004 Observations	December 2004 Observations	January 2005 Observations	February 2005 Observations	March 2005 Observations	April/Q1 2005 Observations	June/Q2 2005 Observations	September/Q3 2005 Observations
SHMW-08I	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SHMW-09S	None Observed	Slight naphthalene-like odor	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SHMW-09I	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SHMW-10S	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SHMW-10I	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SHMW-11S	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SHMW-11I	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SHMW-12S	None Observed	Sheen, strong sulfur-like odor	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SHMW-12I	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SHMW-13S	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SHMW-13I	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

Notes:
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Sag Harbor Former MGP Site
Groundwater Monitoring Program
Summary of Historic NAPL Observations

Well ID	December/Q4 2005 Observations	March/Q1 2006 Observations	June/Q2 2006 Observations	September/Q3 2006 Observations	December/Q4 2006 Observations	March/Q1 2007 Observations	June/Q2 2007 Observations	September/Q3 2007 Observations	December/Q4 2007 Observations	March/Q1 2008 Observations	June/Q2 2008 Observations	September/Q3 2008 Observations	December/Q4 2008 Observations	March/Q1 2009 Observations	June/Q2 2009 Observations
MW-01	NR	NR	NR	NR	NR	NR	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. 0.09' 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	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, naphthalene-like odor	No DNAPL observed	Trace DNAPL (coating on tubes)	Trace DNAPL (coating on tubes)	No DNAPL observed	Trace DNAPL (coating on tubes)	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 at bottom of tape	Trace DNAPL	Trace DNAPL	Trace DNAPL (coating on tubes)	Trace DNAPL (coating on tubes)	Trace DNAPL (coating on tubes)	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	DNAPL blebs in purge H ₂ O, 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)	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed
MW-06	NR	NR	NR	NR	NR	None Observed	NR	NR	None Observed	None Observed	None Observed	None Observed	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
SHMW-01S	NR	NR	NR	NR	NR	None Observed	NR	NR	None Observed	None Observed	None Observed	None Observed	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
SHMW-01I	NR	NR	NR	NR	NR	None Observed	NR	NR	None Observed	NR	NR	NR	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
SHMW-02I	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)	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	NR	NR	NR	NR	NR	None Observed	NR	NR	None Observed	NR	NR	NR	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned

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Well ID	December/Q4 2005 Observations	March/Q1 2006 Observations	June/Q2 2006 Observations	September/Q3 2006 Observations	December/Q4 2006 Observations	March/Q1 2007 Observations	June/Q2 2007 Observations	September/Q3 2007 Observations	December/Q4 2007 Observations	March/Q1 2008 Observations	June/Q2 2008 Observations	September/Q3 2008 Observations	December/Q4 2008 Observations	March/Q1 2009 Observations	June/Q2 2009 Observations
SHMW-03S	NR	NR	NR	NR	NR	None Observed	NR	NR	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-03I	NR	NR	NR	NR	NR	None Observed	NR	NR	None Observed	NR	NR	NR	None Observed	NR	None Observed
SHMW-04S	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	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	NR	NR	NR	None Observed	NR	NR	None Observed	NR	NR	NR	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
SHMW-05S	None Observed	No DNAPL observed	None Observed	None Observed	None Observed	None Observed	None Observed	NR	None Observed	None Observed	None Observed	None Observed	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
SHMW-05I	NR	NR	NR	NR	NR	None Observed	NR	NR	None Observed	NR	NR	NR	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
SHMW-06S	Approx. 0.10' DNAPL, naphthalene-like odor	Trace DNAPL	Approx. 0.2' of DNAPL	Approx. 0.2' of DNAPL	Trace DNAPL (coating on tubes)	Trace DNAPL (coating on tubes)	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	NR	NR	NR	None Observed	NR	NR	None Observed	NR	NR	NR	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
SHMW-07S	NR	NR	NR	NR	NR	None Observed	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	NR	NR	NR	NR	NR	None Observed	NR	NR	None Observed	NR	NR	NR	Well Inaccessible or Abandoned	Well Inaccessible	None Observed
SHMW-08S	NR	NR	NR	NR	NR	None Observed	NR	NR	None Observed	None Observed	None Observed	None Observed	Well Inaccessible or Abandoned	Well Inaccessible	None Observed

Notes:
DNAPL - Dense Non-aqueous Phase Liquid
LNAPL - Light Non-aqueous Phase Liquid
WC - Water Column
NR - Gauging Not Required

Table 2
Sag Harbor Former MGP Site
Groundwater Monitoring Program
Summary of Historic NAPL Observations

Well ID	December/Q4 2005 Observations	March/Q1 2006 Observations	June/Q2 2006 Observations	September/Q3 2006 Observations	December/Q4 2006 Observations	March/Q1 2007 Observations	June/Q2 2007 Observations	September/Q3 2007 Observations	December/Q4 2007 Observations	March/Q1 2008 Observations	June/Q2 2008 Observations	September/Q3 2008 Observations	December/Q4 2008 Observations	March/Q1 2009 Observations	June/Q2 2009 Observations
SHMW-08I	NR	NR	NR	NR	NR	None Observed	NR	NR	None Observed	NR	NR	NR	Well Inaccessible or Abandoned	Well Inaccessible	None Observed
SHMW-09S	NR	NR	NR	NR	NR	None Observed	NR	NR	None Observed	None Observed	None Observed	None Observed	None Observed	Well Inaccessible	None Observed
SHMW-09I	NR	NR	NR	NR	NR	None Observed	NR	NR	None Observed	NR	NR	NR	NR	NR	NR
SHMW-10S	NR	NR	NR	NR	NR	None Observed	NR	NR	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-10I	NR	NR	NR	NR	NR	None Observed	NR	NR	None Observed	NR	NR	NR	NR	NR	NR
SHMW-11S	NR	NR	NR	NR	NR	None Observed	NR	NR	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-11I	NR	NR	NR	NR	NR	None Observed	NR	NR	None Observed	NR	NR	NR	NR	NR	NR
SHMW-12S	NR	NR	NR	NR	NR	None Observed	NR	NR	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-12I	NR	NR	NR	NR	NR	None Observed	NR	NR	None Observed	NR	NR	NR	NR	NR	NR
SHMW-13S	NR	NR	NR	NR	NR	None Observed	NR	NR	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-13I	NR	NR	NR	NR	NR	None Observed	NR	NR	None Observed	NR	NR	NR	NR	NR	NR

Notes:
DNAPL - Dense Non-aqueous Phase Liquid
LNAPL - Light Non-aqueous Phase Liquid
WC - Water Column
NR - Gauging Not Required

Table 3
Sag Harbor Former MGP Site
Groundwater Monitoring Program
Summary of BTEX, MTBE, PAH Results - Q2 2009

Sample Name: Sample Date:	NYS AWQS	SHMW-03S 6/24/2009	SHMW-03I 6/24/2009	SHMW-07S 6/22/2009	Duplicate of SHMW-07S 6/22/2009	SHMW-08S 6/23/2009	SHMW-08I 6/23/2009	SHMW-09S 6/24/2009	SHMW-09I 6/24/2009	SHMW-10S 6/24/2009	SHMW-10I 6/24/2009	SHMW-11S 6/25/2009	SHMW-11I 6/23/2009	SHMW-12S 6/25/2009	SHMW-13S 6/23/2009	SHMW-13I 6/23/2009
BTEX (ug/L)																
Benzene	1	16	10 U	370	360	5 J	10 U	200	10 U	10 U	10 U	10 U	10 U	260	10 U	10 U
Toluene	5	10 U	10 U	40	41	10 U	10 U	4 J	10 U	10 U	10 U	10 U	10 U	1 J	10 U	10 U
Ethylbenzene	5	5 J	10 U	610	590	10 U	10 U	250	10 U	10 U	10 U	10 U	10 U	20	10 U	10 U
Xylene, total	5	3 J	10 U	480	480	10 U	10 U	130	10 U	10 U	10 U	10 U	10 U	34	10 U	10 U
Total BTEX	NE	24	ND	1500	1471	5	ND	584	ND	ND	ND	ND	ND	315	ND	ND
Other VOCs (ug/L)																
Methyl tert-butyl ether	10*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 J	10 U	10 U
Total VOCs	NE	24	ND	1500	1471	5	ND	584	ND	ND	ND	ND	ND	316	ND	ND
Non-carcinogenic PAHs (ug/L)																
Acenaphthene	20*	20	10 U	140 J	170 J	14	10 U	35	10 U	10 U	10 U	10 U	10 U	6	10 U	10 U
Acenaphthylene	NE	10 U	10 U	5 J	4 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	50*	10 U	10 U	10 J	12	3 J	10 U	3 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[g,h,i]perylene	NE	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50*	10 U	10 U	4 J	6	4 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	50*	10 U	10 U	32 J	42	12	10 U	16	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylnaphthalene,2-	NE	10 U	10 U	170 J	220 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	6	10 U	10 U
Naphthalene	10*	10 U	10 U	2500 J	3400 J	10 U	1 J	10 U	10 U	10 U	10 U	10 U	10 U	320	10 U	10 U
Phenanthrene	50*	10 U	10 U	46 J	55	22	10 U	14	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	50*	10 U	10 U	5 J	6	4 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Noncarcinogenic PAHs	NE	20	ND	2912	3915	59	1	68	ND	ND	ND	ND	ND	332	ND	ND
Carcinogenic PAHs (ug/L)																
Benz[a]anthracene	0.002*	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[a]pyrene	ND	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[b]fluoranthene	0.002*	10 U	10 U	1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[k]fluoranthene	0.002*	10 U	10 U	2 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002*	10 U	10 U	2 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz[a,h]anthracene	NE	10 U	10 U	1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Indeno[1,2,3-cd]pyrene	0.002*	10 U	10 U	1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Carcinogenic PAHs	NE	ND	ND	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PAHs (ug/L)																
Total PAHs	NE	20	ND	2919	3915	59	1	68	ND	ND	ND	ND	ND	332	ND	ND

Table 3
Sag Harbor Former MGP Site
Groundwater Monitoring Program
Summary of BTEX, MTBE, PAH Results - Q2 2009

Notes:

ug/L - micrograms per liter or parts per billion (ppb)
BTEX - benzene, toluene, ethylbenzene, and xylenes
VOCs - volatile organic compounds
PAHs - polycyclic aromatic hydrocarbons

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

NE- not established

ND - not detected; total concentration is listed as ND because no compounds were detected in the group

Bolding indicates a detected concentration

Shading and bolding indicates that the detected concentration is above the NYS AWQS objective it was compared to

Validation Qualifiers:

J - estimated value

U - indicates not detected to the reporting limit for organic analysis and the method detection limit for inorganic analysis

UJ - not detected at or above the reporting limit shown and the reporting limit is estimated

Table 4
Sag Harbor Former MGP Site
Groundwater Monitoring Program
Summary of Historic Total BTEX Results

Well No.	Screen Interval (feet)	Total BTEX Concentrations (µg/L)																														
		Sampling Date																														
		1995		2000		2002		2004			2005					2006				2007				2008				2009		Min	Max	Mean
		Nov	Mar	Apr	May	May	Aug	Mar/Apr	June	Sept	Dec	March	June	Sept	Dec	March	June	Sept	Dec	March	June	Sep	Dec	March	June							
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	337	141	208	--	--	--	0	2,720	236				
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	8,865	7,415	2,240	--	--	--	98	15,181	9,129				
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	2,842	2,241	2,875	--	--	--	560	4,965	2,416				
MW-04	1.25 - 6.81	864	35	--	10	208	--	0	0	225	299	268	193	181	101	0	51	89	66	--	15	79	--	--	--	0	864	149				
MW-05	2.46 - 7.46	9,100	170	5	102	11,600	2,938	2,697	18,900	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5	18,900	5,689				
MW-06	2.47 - 7.47	334	47	30	91	49	--	33	55	39	36	74	37	11	54	0	37	31	0	1	33	7	--	--	--	0	334	50				
SHMW-01S	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	1,595	306	243	--	--	--	243	5,183	1,756				
SHMW-01I	35.0 - 45.0	--	--	5	0	0	--	--	--	--	0	--	--	--	0	0	--	--	--	--	--	--	--	--	--	0	5	1				
SHMW-02I	35.0 - 45.0	--	--	26	0	1,179	16	20	20	19	25	0	0	0	0	--	11	12	15	18	41	29	--	--	--	0	1,179	80				
SHMW-02D	65.0 - 75.0	--	--	5	4	0	--	--	--	--	0	--	--	--	0	--	--	--	0	--	--	--	--	--	--	0	5	2				
SHMW-03S	2.0 - 12.0	--	--	63	0	110	--	48	53	46	75	131	67	97	13	122	80	12	50	3	0	5	13	111	24	0	131	52				
SHMW-03I	35.0 - 45.0	--	--	0	52	0	--	--	--	--	0	--	--	--	0	--	--	--	0	--	--	--	0	--	--	0	52	7				
SHMW-04S	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	7,567	8,059	7,561	--	--	--	3,154	25,860	12,357				
SHMW-04I	35.0 - 45.0	--	--	5	0	0	--	--	--	--	0	--	--	--	0	--	--	--	0	--	--	--	--	--	--	--	0	5	1			
SHMW-05S	2.0 - 12.0	--	--	37	69	83	--	107	282	2,960	115	202	45	43	26	35	458	676	98	77	83	64	--	--	--	26	2,960	303				
SHMW-05I	35.0 - 45.0	--	--	0	0	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	1,296	1,343	1,298	--	--	--	1,296	4,289	2,214				
SHMW-06I	35.0 - 45.0	--	--	0	0	0	--	--	--	--	0	--	--	--	0	--	--	--	0	--	--	--	--	--	--	--	0	0	0			
SHMW-07S	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	--	1,075	1,374	--	--	1,500	185	3,340	1,474				
SHMW-07I	35.0 - 45.0	--	--	0	0	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	8	9	10	--	--	5	0	19	6				
SHMW-08I	35.0 - 45.0	--	--	0	0	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	1,039	1,298	671	483	--	584	178	1,298	786				
SHMW-09I	35.0 - 45.0	--	--	0	0	0	--	--	--	--	0	--	--	--	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	0	1	0	0	0	0	0	1	0	0			
SHMW-10I	35.5 - 45.5	--	--	--	0	0	--	--	--	--	0	--	--	--	0	--	--	--	0	--	--	--	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	0	0	0	0	0	0	0	0	0	0			
SHMW-11I	35.0 - 45.0	--	--	--	0	0	--	--	--	--	0	--	--	--	0	--	--	--	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	166	482	111	279	28	315	0	930	276				
SHMW-12I	35.0 - 45.0	--	--	--	0	0	--	--	--	--	0	--	--	--	0	--	--	--	23	--	--	--	0	--	--	--	0	23	4			
SHMW-13S	1.5 - 6.5	--	--	--	0	0	--	0	0	0	0	0	0	0	0	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	--	--	--	0	--	--	0	0	0	0			

NOTES:
 -- not analyzed or not applicable
 µg/L - micrograms per liter
 BTEX - benzene, toluene, ethylbenzene, and xylene

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

Well No.	Screen Interval (feet)	Total PAH Concentrations (µg/L)																											
		Sampling Date																											
		1995	2000		2002	2004		2005				2006				2007				2008				2009		Min	Max	Mean	
		Nov	Mar	Apr	May	May	Aug	Mar/Apr	June	Sept	Dec	March	June	Sept	Dec	March	June	Sept	Dec	March	June	Sept	Dec	March	June				
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	145	2	35	--	--	--	0	4,906	380	
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	400	3,455	3,488	--	--	--	0	25,167	6,235	
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	508	96	1,109	--	--	--	92	7,034	2,352	
MW-04	1.25 - 6.81	3,612	75	--	0	90	--	0	22	1,098	103	11	37	66	31	0	66	238	6	--	0	22	--	--	--	0	3,612	304	
MW-05	2.46 - 7.46	16,386	779	101	1,160	431,600	2,049	918	188,200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	101	431,600	80,149	
MW-06	2.47 - 7.47	5,416	894	653	258	33	--	90	79	204	0	22	0	0	645	35	46	17	0	0	0	10	--	--	--	0	5,416	420	
SHMW-01S	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	0	0	0	--	--	--	0	4,147	1,392	
SHMW-01I	35.0 - 45.0	--	--	32	0	0	--	--	--	--	0	--	--	--	0	--	--	--	--	--	--	--	--	--	--	0	32	6	
SHMW-02I	35.0 - 45.0	--	--	266	0	580,200	41	185	124	271	30	74	32	91	89	0	10	175	32	8	42	209	--	--	--	0	580,200	30,625	
SHMW-02D	65.0 - 75.0	--	--	308	76	89	--	--	--	--	0	--	--	--	0	--	--	--	15	--	--	--	--	--	--	0	308	81	
SHMW-03S	2.0 - 12.0	--	--	422	0	295	--	79	130	117	339	0	0	147	118	430	191	12	154	0	0	17	29	0	20	0	430	124	
SHMW-03I	35.0 - 45.0	--	--	2	320	0	--	--	--	--	0	--	--	--	0	--	--	--	0	--	--	--	0	--	0	0	320	40	
SHMW-04S	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	0	1,328	1,868	--	--	--	0	6,669	3,986	
SHMW-04I	35.0 - 45.0	--	--	18	0	0	--	--	--	--	0	--	--	--	0	--	--	--	0	--	--	--	--	--	--	0	18	3	
SHMW-05S	2.0 - 12.0	--	--	13	170	94	--	82	91	26	53	17	11	11	110	0	0	14	8	2	0	31	--	--	--	0	170	41	
SHMW-05I	35.0 - 45.0	--	--	0	17	0	--	--	--	--	0	--	--	--	0	--	--	--	0	--	--	--	--	--	--	0	17	3	
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	0	44	5,848	--	--	--	0	5,848	2,690	
SHMW-06I	35.0 - 45.0	--	--	2	0	0	--	--	--	--	0	--	--	--	0	--	--	--	0	--	--	--	--	--	--	0	2	0	
SHMW-07S	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	--	54	3,252	--	--	2,919	0	7,211	3,339	
SHMW-07I	35.0 - 45.0	--	--	0	0	0	--	--	--	--	0	--	--	--	2,212	--	--	--	0	--	--	--	--	--	--	0	2,212	369	
SHMW-08S	1.0 - 7.0	--	--	110	71	94	--	25	70	33	83	112	57	77	99	13	90	10	13	14	21	55	--	--	59	10	112	58	
SHMW-08I	35.0 - 45.0	--	--	13	0	0	--	--	--	--	0	--	--	--	0	--	--	--	0	--	--	--	--	--	1	0	13	2	
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	0	92	485	503	--	68	0	2,737	1,180	
SHMW-09I	35.0 - 45.0	--	--	3	0	0	--	--	--	--	0	--	--	--	0	--	--	--	0	--	--	--	0	--	0	0	3	0	
SHMW-10S	5.0 - 15.0	--	--	--	22	6	--	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	22	1	
SHMW-10I	35.5 - 45.5	--	--	--	0	0	--	--	--	--	0	--	--	--	0	--	--	--	0	--	--	--	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	0	0	0	0	0	0	0	173	9	
SHMW-11I	35.0 - 45.0	--	--	--	0	0	--	--	--	--	0	--	--	--	0	--	--	--	4	--	--	--	0	--	0	0	4	1	
SHMW-12S	1.5 - 6.5	--	--	--	60	218	--	71	600	230	260	110	470	310	280	15	560	0	155	9	137	259	280	0	332	0	600	212	
SHMW-12I	35.0 - 45.0	--	--	--	0	0	--	--	--	--	0	--	--	--	0	--	--	--	20	--	--	--	0	--	--	0	20	3	
SHMW-13S	1.5 - 6.5	--	--	--	0	0	--	0	0	0	0	0	0	0	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	--	--	--	0	--	0	0	0	0	

NOTES:

-- not analyzed or not applicable

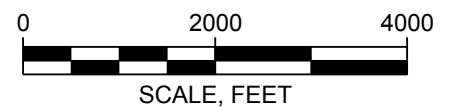
µg/L - micrograms per liter

PAHs - polycyclic aromatic hydrocarbons

Figures



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SAG HARBOR FORMER MGP SITE
SAG HARBOR, NEW YORK

nationalgrid



Project 093190-2-1203

SITE LOCATION MAP

September 2009

Figure 1

