October 30, 2014

Ms. Heather Bishop
Division of Environmental Remediation
NYS Department of Environmental Conservation
Remedial Bureau A, 11th Floor
625 Broadway
Albany, NY 12233-7015

Re: Summary Letter (Site No. V-00576-1) Post Remedial Groundwater Monitoring
Former Baumann Bus Site, Gabreski Airport, Westhampton Beach, New York

Dear Ms. Bishop:

P.W. Grosser Consulting Inc. (PWGC) has prepared this summary letter to document the progress of post remedial groundwater monitoring and site wide inspection for the above referenced project.

The subject site is a 57.943-acre property known as the Airport Development District (ADD) at the Francis S. Gabreski Airport in Westhampton Beach, New York (**Figure 1**). The property is owned by Suffolk County and managed by the Department of Economic Development and Workforce Housing. The ADD portion of the Airport was occupied by housing for base personnel, a theater, church and PX, as well as buildings for training and support services, including a photo lab, vehicle repair areas, flight simulator and armament and electronics storage facility. Several storage tanks, used to store fuel-oil, gasoline and diesel, were located at the site. One tank was reportedly used for the temporary storage of jet fuel while aircraft were undergoing repair. After the Air Force ceased using the site, the SMP area was operated as a Bus Garage (Baumann Bus). The surrounding portions were utilized by various commercial businesses. Baumann Bus moved their operations from the building and then the building remained vacant for several years. Several years ago, the former Baumann Bus building, as well as the surrounding buildings, were demolished with the exception of Building 90 which is currently unoccupied, Building 65 which was utilized as a day care facility, Building 192-198 which is utilized by Eastern Suffolk BOCES, and a sewage pump station. A site plan is included as **Figure 2**.

Investigations dating back to 1986 in the vicinity of the southern part of the ADD parcel (between Smith Street and Avenue B) identified a plume containing a light non-aqueous phase liquid (LNAPL). As a result, Suffolk County entered into a Voluntary Cleanup Agreement (VCA) with the New York State Department of Environmental Conservation (NYSDEC) (Site ID #V-00576-1) in November 2005 to investigate and remediate the site.

PWGC performed a remedial investigation at the site in 2009 which horizontally delineated impacted soils to an approximately 220' x 120' area (Soil Management Area (SMA)) where soil impacts exceeded the NYSDEC recommended soil cleanup objectives (RSCOs) contained within Technical Administrative Guidance Memorandum TAGM #4046. Within that area, a smaller 120' x 60' area was found to exceed the restrictive residential Soil Cleanup Objectives (SCOs) contained within 6 NYCRR Part 375. Vertically impacted soils exceeding TAGM RSCOs and Part 375 restricted residential SCOs were confined to a depth of 30' to 35' below grade. Remediation at the site was completed in 2011 and included removal of source soil and chemical treatment of groundwater. With the completion of the remedial action, remaining contaminated soil is located at a depth of 30 to 35 feet below grade in an area roughly defined by the extents of the SMA minus the footprint of the remedial action excavation. The SMA is depicted in **Figure 3**.

A site management plan (SMP) was developed and approved for the site for long term management of the remaining contamination at the site which includes plans for institutional/engineering controls, monitoring/inspections and reporting. Engineering controls for the site consist of the soil cover system and post remedial groundwater monitoring activities to assess natural attenuation. Institutional controls for the Site consist of preventing future exposure to remaining contamination by controlling disturbances of the subsurface contamination and limiting the use and development of the site to restricted residential or more restrictive uses.

PWGC began implementation of the SMP in March 2012 which included the first post remedial groundwater monitoring event and completion of the quarterly inspection sheet. On September 25, 2014, PWGC performed the tenth post remedial groundwater monitoring event and quarterly inspection at the Site. Site activities were performed in accordance with the procedures outlined in the approved SMP for the site. **Figure 4** illustrates the location of the SMA and the post remedial groundwater monitoring wells.

On-site Groundwater Quality

Analytical results for the September 25, 2014 sampling event are included as **Table 1** and **2**. The results indicate a decrease in total volatile organic compounds (TVOCs) in two (MW002 2,921.6 µg/l to 1,066.9 µg/l and MW003 1,309.79 µg/l to 633.57 µg/l) of the three on-site down-gradient groundwater monitoring wells. A slight increase was observed in MW001 (66.92 µg/l to 77.72 µg/l) since the last sampling event in March 2014. Concentrations in the onsite groundwater monitoring wells (MW001, MW002, and MW003) are still significantly reduced since the completion of the remedial excavation at the site as depicted in the accompanying graphs (**Appendix A**). Natural attenuation appears to be occurring; however it appears that as contaminant levels decrease, PWGC is observing a switch back from anaerobic conditions to aerobic conditions as evidenced by the current levels of Dissolved Oxygen (2.28 mg/L) and Oxidation Reduction Potential ORP (8.7 mV) in MW003.

Off-site Groundwater Quality

Analytical results for the September 25, 2014 sampling event of the off-site monitoring well, SW-02 are also included as **Table 1** and **2**. The results indicate a decrease in TVOCs 1,452.54 µg/l (March 2014) to 24.42 µg/l (September 2014). Graphs depicting contaminant and water table elevations for the groundwater monitoring wells are included in **Appendix A**. Natural attenuation appears to be occurring; however it appears that as contaminant levels decrease, PWGC is observing a switch back from anaerobic conditions to aerobic conditions as evidenced by the current levels of Dissolved Oxygen (8.52 mg/L) and Oxidation Reduction Potential ORP (-26 mV) in SW-02.

Both the ADD and Air National Guard base are located on the Gabreski Airport property. During the remedial excavation work performed within the ADD portion of the airport property, contaminants were disturbed and likely released into the groundwater. This is confirmed by the presence of contamination identified within the ADD onsite monitoring well MW003. Initially following this excavation work, PWGC observed an increasing trend in SW-02 through June 17, 2013. Based upon the estimated flow rate, this corresponds with the migration of contaminants disturbed by the remedial excavation on the ADD. This peak in SW-02, which is located on the Air National Guard portion of the Gabreski Airport property, represents a 64% decrease as compared to concentration peaks from the ADD onsite well MW003. Since June 17, 2013, TVOC concentrations in SW-02 have been showing a steady decrease as shown by current levels which only slightly exceed groundwater standards. Based upon this data, it appears that the slug of impacted groundwater associated with the disturbance of soils during the remedial effort has migrated down-gradient past the ADD well MW003 and the Air National Guard well SW-02. Based upon the 64% decrease of contaminants which occurred between MW003 and SW-02, a distance of 420 feet, it is unlikely that significant impacts will leave the southern airport property boundary which is located 2,900 feet down-gradient of SW-02.

Site-Wide Inspection

A quarterly site-wide inspection was performed in accordance with the procedures detailed in the SMP. The site-wide inspection included a walkthrough of the entire 57.943 acres of the ADD. The inspection was performed to determine and document:

- General site conditions across the ADD
- That the soil cover system, comprised of the five feet of clean soils (25'-30' below grade) which lie above the impacted soils in the SMA is intact.
- That the ADD is being used for Restricted-Residential or less restricted uses only.
- That groundwater is not being used in the ADD
- That groundwater monitoring is being performed as defined in the SMP.

Since the last inspection, PWGC has identified the following changes at the site:

- Site grading and grubbing is taking place in the southern portion of the ADD, including in the SMA. As the grading and grubbing work is performed at the surface, there was no observed soil disturbance at depth. No disturbance at or below the 25'-30' clean soil buffer was noted.
- During this inspection, PWGC noted that construction of a new building has begun. The construction activities indicate a "flex industrial" building is in the process of being erected within the ADD but outside the SMA. This is confirmed by the attached marketing flyer (**Appendix B**).

The property is in compliance with the SMP including all engineering and institutional controls. A copy of the completed inspection form is included as **Appendix B**.

Details of the quarterly groundwater monitoring and sampling events will be included in the next annual status report (March 2015).

Should you have any questions, or require further information, please do not hesitate to contact me.

Very truly yours,

P.W. Grosser Consulting, Inc.

Bryan Devaux
Vice President

Rocky Wenskus
Senior Hydrogeologist

Cc: J. Meyers, SCDHS
J. Kohn, Suffolk County Attorney
A. Ceglio, SCEDP

TABLES

Table 1
Former Baumann Bus Site
Gabreski Airport, Westhampton Beach, NY

Groundwater Analytical Results - Volatile Organic Compounds

Compound	NYSDEC Groundwater Standards [1]	MW001									MW002										MW003										SW02								
		D1825-01 3/14/2012	D3247-01 6/28/2012	D4160-03 9/12/2012	D5150-01 12/12/2012	E1438-02 3/5/2013	E2592-01 6/17/2013	E3591-03 9/5/2013	E4756-03 12/10/2013	F1696-01 3/18/2014	F4086-01 9/25/2014	D1825-04 3/14/2012	D3247-02 6/28/2012	D4160-02 9/12/2012	D5150-02 12/12/2012	E1438-03 3/5/2013	E2592-03 6/17/2013	E3591-02 9/5/2013	E4756-02 12/10/2013	F1696-02 3/18/2014	F4086-02 9/25/2014	D1825-07 3/14/2012	D3247-03 6/28/2012	D4160-01 9/12/2012	D5150-03 12/12/2012	E1438-01 3/5/2013	E2592-02 6/17/2013	E3591-01 9/5/2013	E4756-01 12/10/2013	F1696-03 3/18/2014	F4086-03 9/25/2014	D1825-06 3/14/2012	D3247-04 6/28/2012	D4160-04 9/12/2012	D5150-04 12/12/2012	E1438-06 3/5/2013	E2592-04 6/17/2013	E3591-04 9/5/2013	E4756-04 12/10/2013	F1696-04 3/18/2014	F4086-04 9/25/2014
Volatile Organic Compounds by 8260 - µg/L																																						
1,1,1,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,1-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichlorotrifluoroethane	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1 Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloropropene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	5	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,3-Trichloropropane	0.04	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	5	**160**	**120**	**44**	**53**	**42.1**	**60.5**	**30.9**	**30.9**	**23.2**	**25.9**	**760 D**	**540 D**	**180 D**	**1,100 D**	**1,100 D**	**760 D**	**250 D**	**440 D**	**1,600 D**	**900 D**	**380 D**	**650 D**	**200 D**	**670 D**	**640 D**	**530 D**	**320 D**	**290 D**	**520 D**	**360 D**	**140**	0.78 J	0.45 J	**210 D**	**190**	**220 D**	**300**	**280 D**	**200 D**	**400 DJ**	**6.7**
1,2-Dibromo-3-Chloropropane	NS	0.5 UJ	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2 Dibromoethane	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2 Dichlorobenzene	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	2.5	1.8	0.5 U	0.81 J	1.7	0.9 J	0.2 U	1.2	0.2 U	0.2 U	1.9	1.5	0.5 U	0.6 J	0.64 J	0.5 U	0.2 U	0.2 U	0.77 J	0.2 U	0.2 U	2	2	0.5 U	2.1	1.2	1.7	0.25 J
1,2 Dichloroethane	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2 Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U
1,3,5-Trimethylbenzene	5	**48**	**31**	**13**	**11**	**11.5**	**12.8**	**6.2**	**6.8**	4.8	4.4	**240 D**	**180 D**	**330 D**	**250 D**	**110**	**150**	**490 D**	**260 D**	**120 D**	**190**	**99 D**	**59 D**	**240 D**	**270 D**	**190**	**120**	**130**	**170**	**140**	**72.2**	0.5 U	0.5 U	**51**	**54**	**61.8**	**90**	**150**	**78.7**	**130**	**1.9**
1,3 Dichlorobenzene	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	1.2	0.82 J	0.5 U	0.5 U	0.84 J	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.62 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.69 J	0.83 J	1.1	0.71 J	25 U	0.2 U	0.63 J	0.2 U	0.2 U
1,3-Dichloropropane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	25 U	0.2 U	0.2 U	0.2 U
1,4-Dichlorobenzene	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.85 J	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.65 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.76 J	0.86 J	0.5 U	0.8 J	25 U	0.2 U	0.2 U	0.2 U
2,2-Dichloropropane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 U	0.5 U	0.5 U	0.5 U
2-Butanone	50*	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	130 U	2.5 U	2.5 U	2.5 U
2-Chloroethyl vinyl ether	NS	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	1 UJ	1 U	1 U	1 U
2-Chlorotoluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	25 U	0.2 U	0.2 U	0.2 U
2-Hexanone	50*	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	130 U	2.5 U	2.5 U	2.5 UJ
4-Chlorotoluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	25 U	0.2 U	0.2 U	0.2 U
4-Methyl-2-pentanone	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	1 U	1 U	1 U
Acetone	50*	2.5 UJ	2.5 U	2.5 U	2.5 U	5.2	2.5 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	4.3 J	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	1 U	1 U	1 U
Acrolein	5	2.5 UJ	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	3.8 U	3.8 U	3.8 U	3.8 U	2.5 UQ	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	3.8 U	3.8 U	3.8 U	3.8 U	2.5 UQ	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	3.8 U	3.8 U	3.8 U	3.8 U	2.5 U	2.5 U	2.5 U	2.5 U	3.8 U	3.8 U	3.8 U	3.8 UJ	3.8 U
Acrylonitrile	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	1 U	1 U	1 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	1 UJ	1 U
Allyl Chloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 U	0.5 U	0.5 U	0.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	25 U	0.2 U	0.2 U	0.2 U
Bromobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	25 U	0.2 U	0.2 U	0.2 U
Bromochloromethane	5	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	UQ	0.5 UQ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UQ	0.5 UQ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	UQ	0.5 UQ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 U	0.5 UQ	0.5 U	0.5 U
Bromodichloromethane	50*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	25 U	0.2 U	0.2 U	0.2 U
Bromoform	50*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	25 U	0.2 U	0.2 U	0.2 U
Bromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	25 U	0.2 U	0.2 UJ	0.2 U
Carbon Disulfide	60*	0.5 U	0.5 U	1	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	2	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	25 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	25 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	25 U	0.2 U	0.2 U	0.2 U
Chloroethane	5	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 U	0.5 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	25 U	0.2 U	0.2 U	0.2 U
Chloromethane	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	25 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.6	0.72 J	0.89 J	1.1	0.5 U	0.2 U	0.2 U	0.81 J	0.42 J	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.21 J	0.2 U	0.2 U	0.52	0.82 J	0.94 J	0.73 J	0.82 J	25 U	0.2 U	0.34 J	0.2 U	0.2 U
cis-1,3-Dichloropropene	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 U	0.2 U	0.2 U	0.2 U	0.2 U
Cyclohexane	NS	1.2	1.7	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	95	70	89	81	94.6	21.4	27.5	61	68.2	30.4	110	96	56	46.1 J	11.1	16.6	40.9	36.5	18.5	0.55 J	12	23	20	49.4	25 U	43.3	18	48.6 J	0.2 U
Dibromochloromethane	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	25 U	0.2 U	0.2 U	0.2 U
Dibromomethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	25 U	0.2 U	0.2 U	0.2 U
Dichlorodifluoromethane	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	25 U	0.2 U	0.2 U	0.2 U
Diethyl Ether	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 U	0.5 U	0.5 UJ	0.5 U
Ethyl Acetate	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 U	0.5 U	0.5 UJ	0.5 U
Ethyl Benzene	5	**30**	**22**	**6.9**	**7.1**	**9.2**	**12.1**	**5.8**	**5.7**	3.7	4.6	**360 D**	**180 D**	**220 D**	**190 D**	**290 D**	**130**	**140 D**	**180**	**250 D**	**56.7**	**720 D

Table 2
Former Baumann Bus Site
Gabreski Airport, Westhampton Beach, NY

Groundwater Analytical Results - Natural Attenuation Parameters

Compound	Units	MW001										MW002									
		D1825-01 3/14/2012	D3247-01 6/28/2012	D4160-03 9/12/2012	D5150-01 12/12/2012	E1438-02 3/5/2013	E2592-01 6/17/2013	E3591-03 9/5/2013	E4756-03 12/10/2013	F1696-01 3/18/2014	F4086-01 9/25/2014	D1825-04 3/14/2012	D3247-02 6/28/2012	D4160-02 9/12/2012	D5150-02 12/12/2012	E1438-03 3/5/2013	E2592-03 6/17/2013	E3591-02 9/5/2013	E4756-02 12/10/2013	F1696-02 3/18/2014	F4086-02 9/25/2014
Natural Attenuation Parameters -																					
Sulfide	mg/l	1.44	1 U	2.88	1.76	1 U	1 U	1 U	1 U	1 U	1 U	1.28 J	1.44	3.84	1.44	1 U	1 U	1 U	1 U	1 U	1 U
Methane	µg/l	18.70 J	270 D	32.1	64.1	48.5	41.7	23.3	190.0 D	200 D	88 D	290 D	270 D	510 D	120 D	700 D	480 D	1,400 D	3,600 D	7,900 D	990 D
Total Organic Carbon (TOC)	mg/l	2.1	1.1	1.4	2.9	1.8	3.3	8.4	1.67	1.27	2.08	9	3.9	4.8	8.2	7.2	5.2	14	8.62	8.95	8.4
Alkalinity as $CaCO_3$	mg/l	38	56	29	57	36	59.2	31.8	43.4	22.8	43.4	240	220	200	270	250	248	277	226	263	208
Sulfate	mg/l	20	11	10	17	11	17	10	12.2	5.54	23.4	2.5	2.6	2.6	1.9	3.1	2.38	2.53	2.12	1.93	1.74
Nitrate	mg/l	0.38	0.581	0.632	0.67	0.467	0.523	0.707	0.726	0.755	1.33	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.027 U	0.056 U
Nitrite	mg/l	0.075 U	0.075 U	0.075 U	0.075 U	0.075 U	0.075 U	0.075 U	0.075 U	0.022 U	0.076 U	0.075 U	0.075 U	0.075 U	0.075 U	0.075 U	0.075 U	0.075 U	0.075 U	0.022 U	0.076 U
Ferrous Iron	mg/l	1.2	1.0	2.2	1.0	1.5	3.0	0.8	0.8	0.8	0.5	3.4	2.4	1.8	2.5	2	3	3.2	3	2.2	6.49 D
Total Iron	mg/l	1.6	1.1	2.8	1.2	1.4	3.5	1	1	1	0.628	4.0	2.4	2.4	3.0	4.0	5.2	5.6	5.2	5.7	5.8
Dissolved Oxygen (DO)	mg/l	4.3	2.61	3.48	3	2.12	0.89	2.25	2.09	3.42	4.03 H	3.5	5.43	0.83	2.4	0.35	0.38	2.18	0.49	2.4	2.79 H
Oxygen Reduction Potential (ORP)	mV	-54	-77	-63	-12	-81	-38	-79	NC	-16	-135	-91	-124	-170	-76	-159	-96	-135	NC	-151	8.5

Compound	Units	MW003										SW02									
		D1825-07 3/14/2012	D3247-03 6/28/2012	D4160-01 9/12/2012	D5150-03 12/12/2012	E1438-01 3/5/2013	E2592-02 6/17/2013	E3591-01 9/5/2013	E4756-01 12/10/2013	F1696-03 3/18/2014	F4086-03 9/25/2014	D1825-06 3/14/2012	D3247-04 6/28/2012	D4160-04 9/12/2012	D5150-04 12/12/2012	E1438-06 3/5/2013	E2592-04 6/17/2013	E3591-04 9/5/2013	E4756-04 12/10/2013	F1696-04 3/18/2014	F4086-04 9/25/2014
Natural Attenuation Parameters -																					
Sulfide	mg/l	1.28	1.12	2.56	1.28	1 U	1 U	1 U	1 U	1 U	1 U	2.24	1 U	3.84	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methane	µg/l	470 D	-	520 D	95 D	770 D	320 D	360 D	2,700 D	6,600 D	2,200 D	510 D	470 D	1,300 D	470 D	330 D	420 D	300 D	520 D	2,400 D	460 D
Total Organic Carbon (TOC)	mg/l	5.7	4.2	4.1	4.9	6.8	9.2	8.4	6.35	6.7	10.60	3.3	1.7	4.4	5.7	3.9	3.6	5.2	4.93	5.14	3.43
Alkalinity as $CaCO_3$	mg/l	170	200	170	230	260	232	160	202	254	235	69	50	80	100	130	125	146	144	214	228
Sulfate	mg/l	2.4	3	2.5	1.9	4	4.81	3.73	2.27	2.83	2.25	8.8	23	2.9	2.1	0.375 U	1.77	0.375 U	4.21	0.132 U	8.3
Nitrate	mg/l	0.05 U	0.05 U	0.05 U	0.05 U	0.223	0.05 U	0.05 U	0.05 U	0.027 U	0.056 U	0.48	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.027 U	0.056 U
Nitrite	mg/l	0.075 U	0.075 U	0.075 U	0.075 U	0.075 U	0.075 U	0.075 U	0.075 U	0.022 U	0.076 U	0.075 U	0.075 U	0.075 U	0.075 U	0.075 U	0.075 U	0.075 U	0.075 U	0.022 U	0.076 U
Ferrous Iron	mg/l	2.6	2.0	2.0	1.0	2.0	3.0	2.5	2.5	3.5	4.0 D	6.2	3.0	2.6	2.6	2.0	3.0	3.0	2.8	1.8	3.7 D
Total Iron	mg/l	4.5	2.1	3	3.4	3	5.4	3.4	3.2	3.9	4.11 D	6.4	6.0	4.0	4.1	5.0	6.6	7.4	6.5	6.4	4.4
Dissolved Oxygen (DO)	mg/l	4.7	3.84	3.09	2.7	0.46	0.46	0.81	0.46	3.05	2.28	5.4	0.48	0.72	2.4	4.41	0.42	3.12	0.57	3.05	8.52
Oxygen Reduction Potential (ORP)	mV	-76	-126	-183	-79	-160	-110	-127	NC	-176	8.7	2	-47	-68	-24	-54	-64	-99	NC	-112	-26

Notes:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

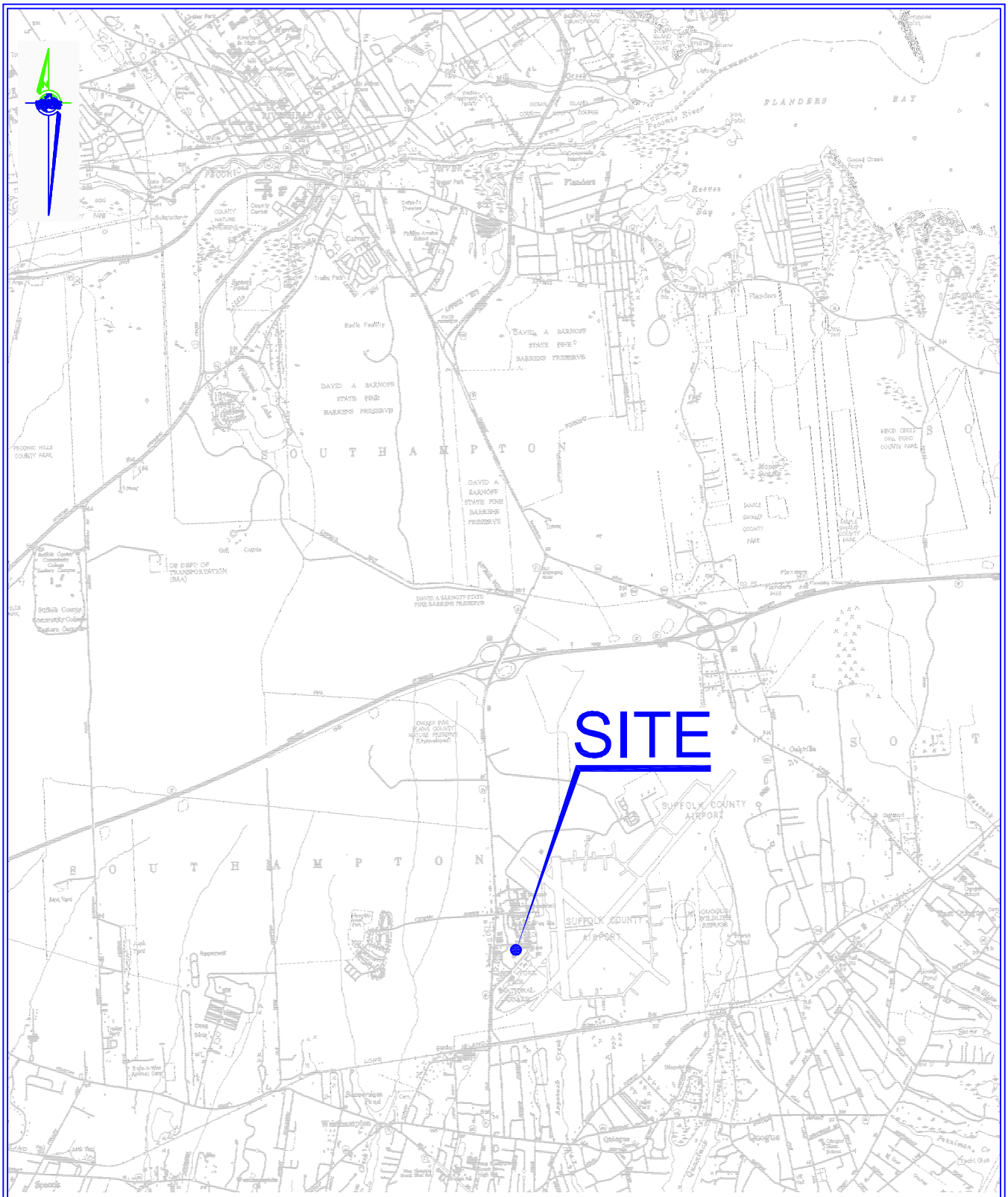
R - The sample results are unreliable/unusable. The presence or absence of the annalyte cannot be verified.

UJ - The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

H - Sample Analysis out of Hold Time

NC - Not collected

FIGURES



VICINITY MAP

SCALE: 1"=5,000'

5,000 0 5,000 10,000

SCALE: 1"=5,000'

J:\Projects S-Z\SHD\1101 – Baumann Post Remedial Monitoring\CAD

PWGC
Strategic Environmental & Engineering Solutions
630 Johnson Ave. Suite 7 Bohemia, N.Y. 11716-2618
Ph: 631 589-6353 Fx: 631 589-8705 E-mail: info@pwgrosser.com

FORMER BAUMANN BUS SITE
GABRESKI AIRPORT
WEST HAMPTON, NY

Project:	SHD1101
Designed by:	TM
Approved by:	PKB
Drawn by:	TC\LLG
Figure No:	1
Dates:	3/20/12



BASEMAP PROVIDED BY:
AES, AMERICAN ENGINEERING SERVICES, P.C.
1600 OLD COUNTRY ROAD - SUITE 202
PLAINVIEW, NEW YORK 11803
DATED: JUNE 1, 2002
REVISED: NOV. 6, 2002

SITE PLAN

SCALE: 1" = 200'

J:\Projects S-Z\SHD\1101 - Baumann Post Remedial Monitoring\CAD\Figure 2 - Site Plan.dwg (11X17) Apr 11,2013-12:34pm By: lund

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Strategic Environmental & Engineering Solutions

630 JOHNSON AVE. • SUITE 7
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SCDHS
OFFICE OF POLLUTION CONTROL

15 HORSEBLOCK PL.
FARMINGVILLE, NY 11738

REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION

PROJECT:	SHD1101	APPROVED BY:	PKB
DESIGNED BY:	BAD	DATE:	3/20/12
DRAWN BY:	LLG/MK	SCALE:	AS SHOWN

SHEET TITLE

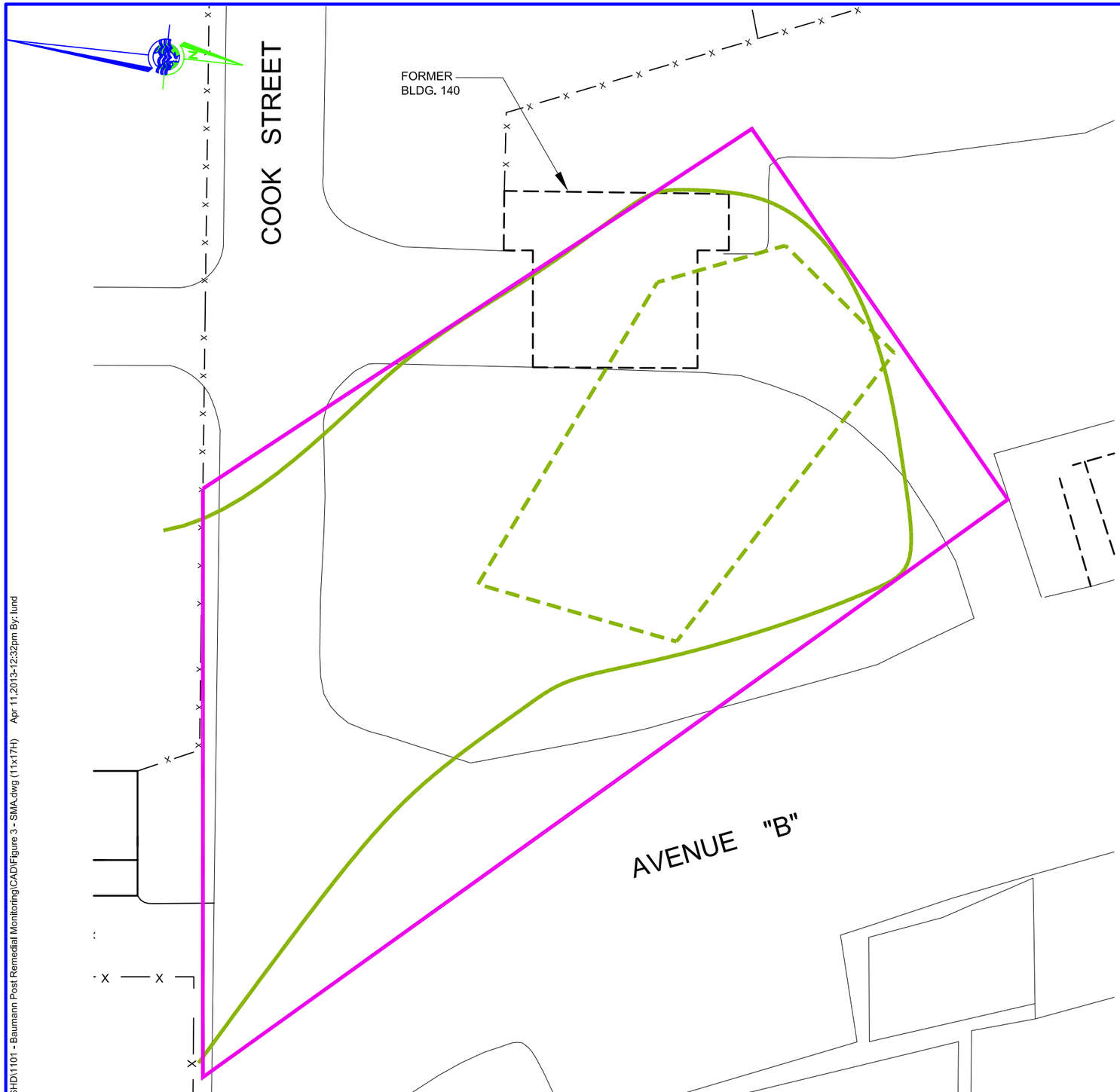
SITE PLAN

AIRPORT DEVELOPMENT DISTRICT

GABRESKI AIRPORT
WEST HAMPTON, NY

FIGURE NO
2

SHEET
- OF -



BASE MAP PROVIDED BY:
O'BRIEN & GERE
ENGINEERS INC.

0 30 60
SCALE: 1" = 30'

J:\Projects S-Z\SHD\1101 - Baumann Post Remedial Monitoring\CAD\Figure 3 - SMA.dwg (11x17H) Apr 11,2013-12:32pm By: lund

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OFFICE OF POLLUTION CONTROL

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FARMINGVILLE, NY 11738

REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION

PROJECT:	SHD1101	APPROVED BY:	PKB
DESIGNED BY:	TM	DATE:	3/20/12
DRAWN BY:	LLG/MK	SCALE:	AS SHOWN

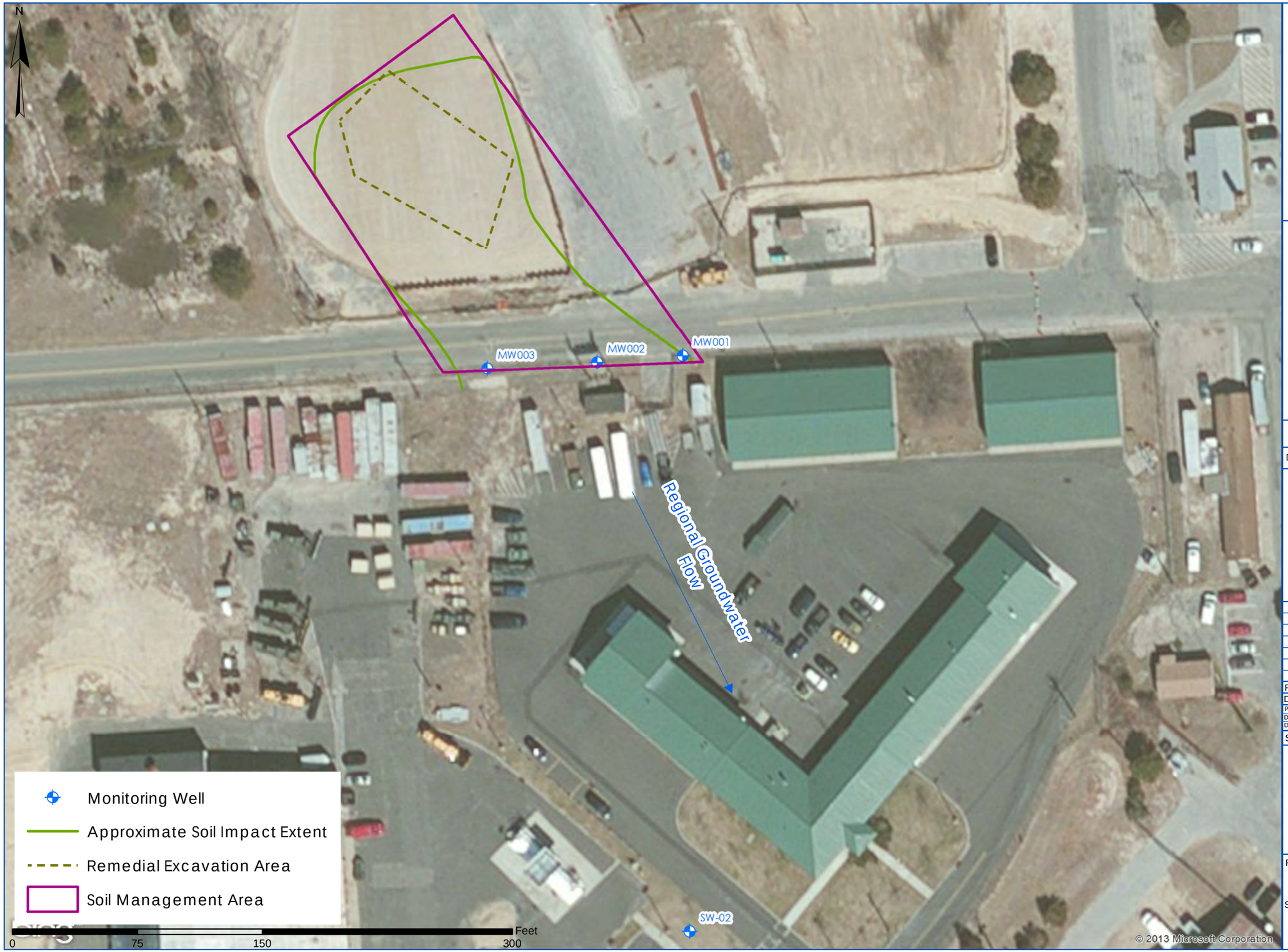
SHEET TITLE

SOIL MANAGEMENT AREA (SMA)

FORMER BAUMAN BUS SITE
GABRESKI AIRPORT
WEST HAMPTON, NY

FIGURE NO
3

SHEET - OF -



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DRAWINGS PREPARED FOR:

SCDHS
Office of Pollution Control
15 Horseblock Place
Farmingville, NY 11738

REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION:

PROJECT:	SHD1101	APPROVED BY:	DE
DESIGNED BY:	NCJ	DATE:	7/26/2012
DRAWN BY:	NCJ	SCALE:	AS SHOWN

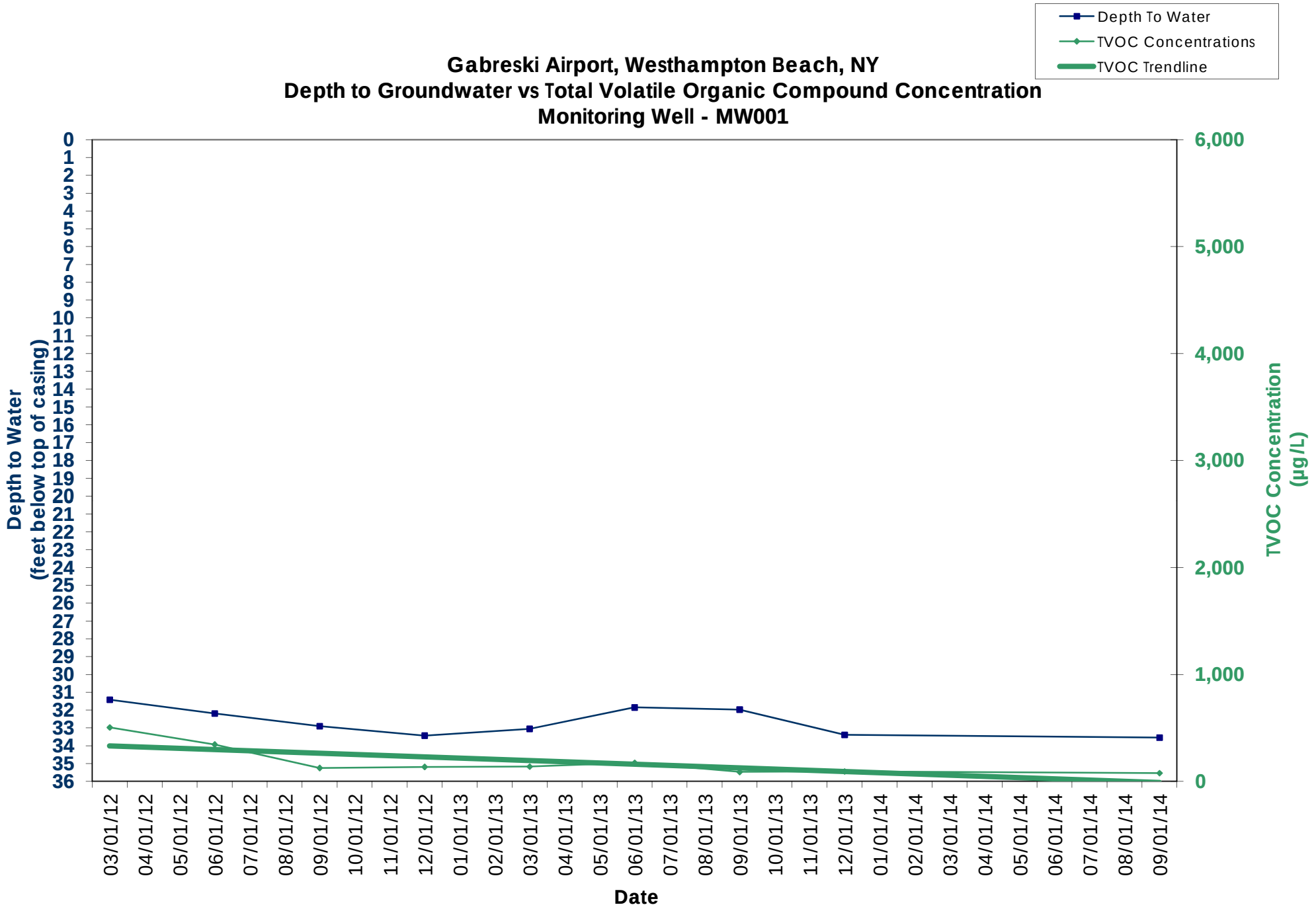
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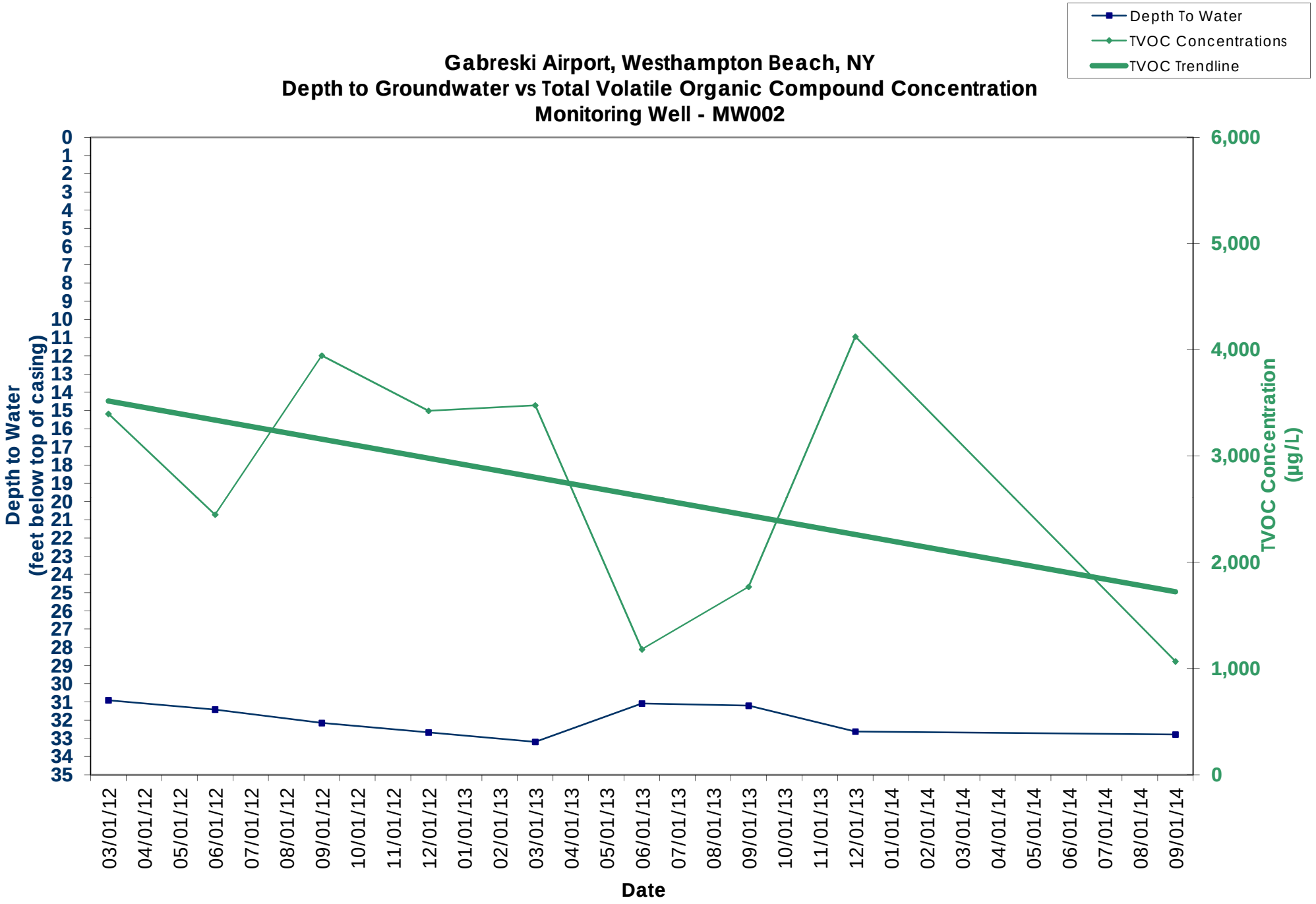
Gabreski Airport
West Hampton Beach, NY

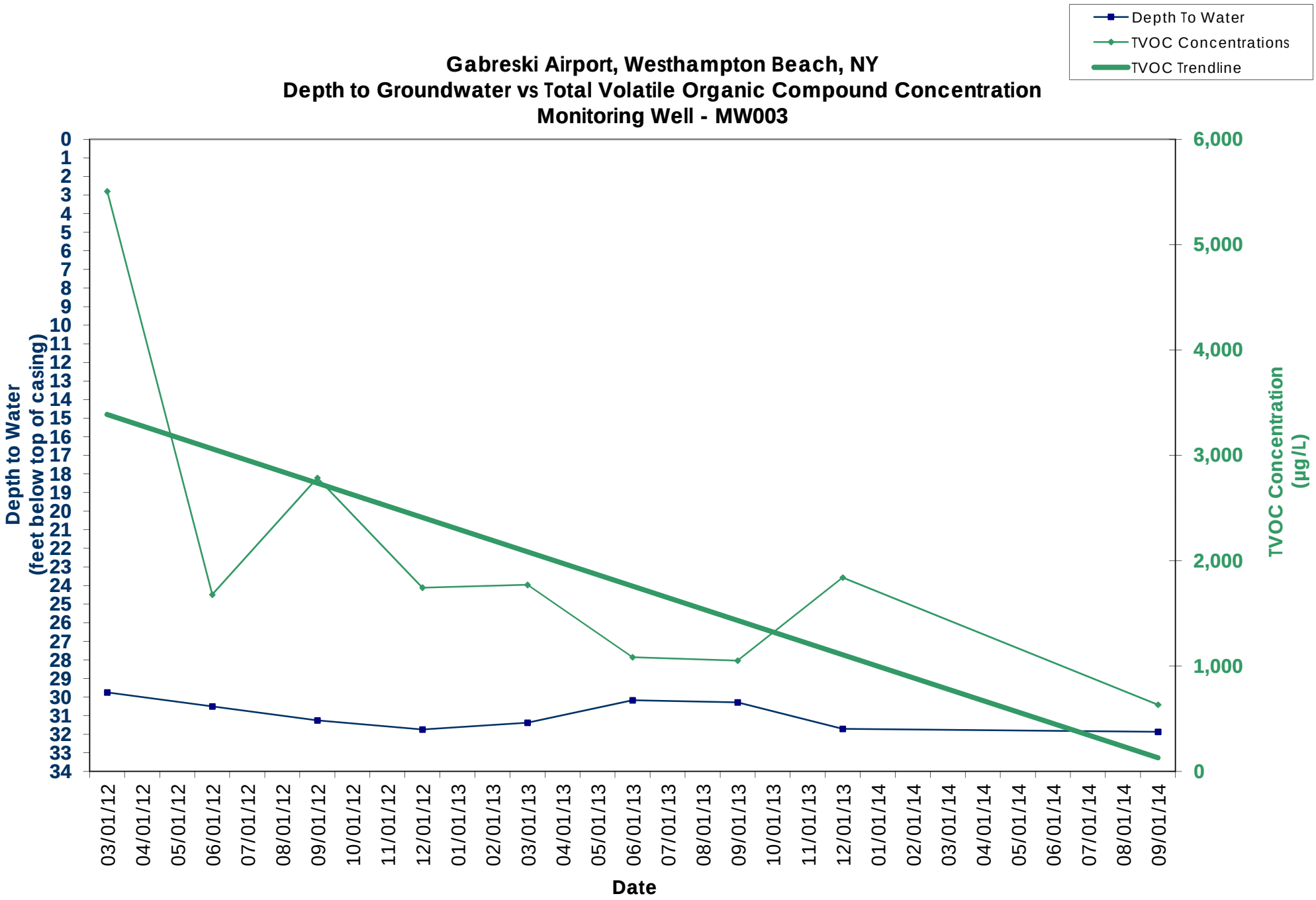
FIGURE NO: 4

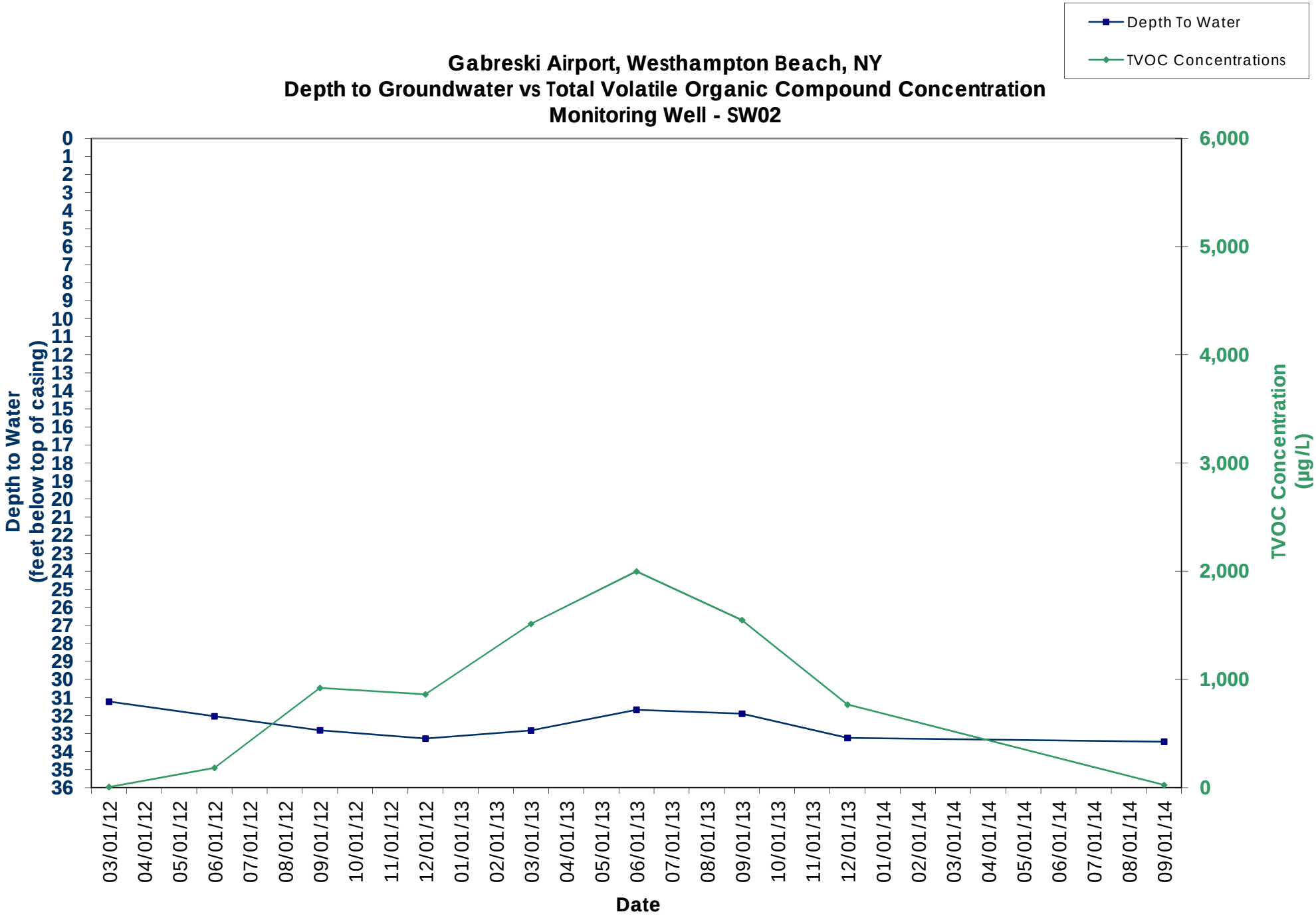
SHEET: 4 of 4

APPENDIX A


Depth To Water
TVOC Concentrations
TVOC Trendline
Gabreski Airport, Westhampton Beach, NY
Depth to Groundwater vs Total Volatile Organic Compound Concentration
Monitoring Well - MW001
Depth to Water (feet below top of casing)
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
TVOC Concentration (µg/L)
6,000
5,000
4,000
3,000
2,000
1,000
0
03/01/12
04/01/12
05/01/12
06/01/12
07/01/12
08/01/12
09/01/12
10/01/12
11/01/12
12/01/12
01/01/13
02/01/13
03/01/13
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12/01/13
01/01/14
02/01/14
03/01/14
04/01/14
05/01/14
06/01/14
07/01/14
08/01/14
09/01/14
Date


Depth To Water
TVOC Concentrations
TVOC Trendline
Gabreski Airport, Westhampton Beach, NY
Depth to Groundwater vs Total Volatile Organic Compound Concentration
Monitoring Well - MW002
Depth to Water (feet below top of casing)
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
TVOC Concentration (µg/L)
6,000
5,000
4,000
3,000
2,000
1,000
0
03/01/12
04/01/12
05/01/12
06/01/12
07/01/12
08/01/12
09/01/12
10/01/12
11/01/12
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01/01/13
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02/01/14
03/01/14
04/01/14
05/01/14
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07/01/14
08/01/14
09/01/14
Date


Depth To Water
TVOC Concentrations
TVOC Trendline
Gabreski Airport, Westhampton Beach, NY
Depth to Groundwater vs Total Volatile Organic Compound Concentration
Monitoring Well - MW003
Depth to Water (feet below top of casing)
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
TVOC Concentration (µg/L)
6,000
5,000
4,000
3,000
2,000
1,000
0
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03/01/14
04/01/14
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07/01/14
08/01/14
09/01/14
Date


Depth To Water
TVOC Concentrations
Gabreski Airport, Westhampton Beach, NY
Depth to Groundwater vs Total Volatile Organic Compound Concentration
Monitoring Well - SW02
Depth to Water
(feet below top of casing)
0
1
2
3
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6
7
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9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
TVOC Concentration
(µg/L)
6,000
5,000
4,000
3,000
2,000
1,000
0
03/01/12
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05/01/12
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08/01/14
09/01/14
Date

APPENDIX B

Former Bauman Bus Site – Site-wide Inspection Form

Date: September 25, 2014 Time: 11:00
Weather: Temperature: 60 degrees and raining

Reason for Inspection:[X]Routine []other_____

Inspection Observations
Current site use: The ADD remains undeveloped

Is there evidence of any of the following site activities / conditions at the site:

- [] Groundwater use
- [] Unrestricted (single family) residential housing
- [] Soil Disturbance within the SMA (figure attached) at a depth >25'
- [] Environmental issue which has potential to impact human health.

General Observations / Comments:

Institutional Controls (ICs) are still in place. (Site is vacant/ no groundwater use/ soil cap is in place)

Engineering Controls (ECs) are being implemented. (Semi-annual groundwater sampling)

The site is vacant, vegetation is present over the Soil Management Area (SMA)

Groundwater monitoring wells appear to be in good working order.

The area outside the ADD is under construction.

Performed by: Kaitlyn Crosby
Printed Name

Signature

Field Hydrogeologist
Title

P.W. Grosser Consulting
Company

Don't Walk Away
From This Unique Opportunity!



THE HAMPTON BUSINESS DISTRICT

Now under construction
with 1st Quarter 2015 occupancy

Class A Showroom, Office, and Industrial/Flex Space
designed to meet your specific needs,
from 1,333 sf to 100,000 sf.

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CHRIS COSTA 631.414.8555 ccosta@rechlerequity.com

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