P.W. GROSSER CONSULTING

JAN 13 2014

January 8, 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, Buidling 65 which is utilized as a day care facility, Building 192-198 which is utilized by Eastern Suffolk Bocés, 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 December 10, 2013, PWGC performed the eighth 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 3** illustrates the location of the SMA and the post remedial groundwater monitoring wells.

On-site Groundwater Quality

Analytical results for the December 10, 2013 sampling event are included as **Table 1** and **2**. The results indicate an increase in total VOCs (TVOCs) in each (MW001 88.36 µg/l to 93.30 µg/l, MW002 1,769 µg/l to 4,124 µg/l and MW003 1,051.79 µg/l to 1,840.28 µg/l) of the three onsite down-gradient groundwater monitoring wells. The contaminants primarily consist of trimethylbenzenes and xylenes which is consistent with the historic spill and the proximity to the former source. However, concentrations in the onsite groundwater monitoring wells (MW001, MW002, and MW003) are still significantly reduced compared to pre-remedial conditions. Hydrographs are included in **Appendix A**. Natural attenuation appears to be occurring and the parameters indicate anaerobic conditions exist.

Off-site Groundwater Quality

Analytical results for the December 10, 2013 sampling event are included as **Table 1** and **2**. The results indicate a decrease in TVOCs 1,549.08 µg/l to 767.52 µg/l since the last sampling event for SW-02. The contaminants primarily consist of trimethylbenzenes and xylenes which is consistent with the historic spill and the proximity to the former source. While a decrease in TVOCs was observed during this sampling event, an increasing trend had been observed in the off-site well (SW-02) since completion of the remedial excavation. Hydrographs for the groundwater monitoring wells are included in **Appendix A**. Natural attenuation appears to be occurring and the parameters indicate anaerobic conditions exist.

Concentrations peaked in the off-site well in June of 2013 which reflects the date when contamination should have reached its highest point and a decreasing trend has been observed over the last two sampling events. Contaminant concentrations observed in the off-site well have shown significant contaminant reduction as initial concentrations observed at the on-site wells reached as high as 5,506.18 µg/l (MW003) and have only been observed up to 1,998.00 µg/l in SW-02, a 64% reduction over 420 feet confirming contaminant dilution and natural attenuation.

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.

The ADD remains unchanged from the June 2013 inspection. 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**.

This monitoring marks the eighth quarterly monitoring and sampling event that has occurred since the SMP was implemented and completes monitoring for a period of two years. In accordance with the SMP, sampling frequency will be reduced to semi-annual for a period of three additional years. Details of the groundwater monitoring and sampling events will be included in the next annual status report (March 2014).

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

Derek Ersbak
Project Manager

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	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	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	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
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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 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	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	25 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	5	160	120	44	53	42.1	60.5	30.7	30.9	760 D	540 D	1,100 D	1,100 D	760 D	250 D	440 D	1,400 D	650 D	200 D	670 D	640 D	530 D	320 D	290 D	520 D	0.78 J	0.45 J	210 D	190	220 D	300	280 D	200 D
1,2-Dibromo-3-Chloropropane	NS	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 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	2.5	1.8	0.5 U	0.81 J	1.7	0.9 J	0.2 U	1.2	1.9	1.5	0.5 U	0.6 J	0.64 J	0.5 U	0.2 U	0.77 J	0.5 U	2.3	2.2	2.7	2	25 U	2.1	1.2
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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 U	0.2 U	0.2 U
1,3,5-Trimethylbenzene	5	48	31	11	11.5	12.8	6.2	6.8	2.3	240 D	180 D	340 D	330 D	250 D	110	150	480 D	190	59 D	240 D	270 D	190	120	130	170	0.5 U	0.5 U	51	54	61.8	90	150	78.7
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	1.2	0.82 J	0.5 U	0.5 U	0.84 J	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 U	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	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 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	1.1	0.5 U	0.5 U	0.5 U	0.85 J	0.5 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	0.5 U	0.76 J	0.86 J	0.5 U	0.8 J	25 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	25 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	130 U	2.5 U	2.5 U
2-Chloroethyl vinyl ether	NS	2.5 U	2.5 U	2.5 U	2.5 U	2.5 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	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	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	130 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 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	130 U	2.5 U	2.5 U
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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 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	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 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	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	130 U	1 U	1 U
Acetone	50*	2.5 UJ	2.5 U	2.5 U	5.2	2.5 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	4.1 J	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	4.3 J	1 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	130 U	1 U	1 U
Acrolein	5	2.5 UJ	2.5 U	2.5 U	2.5 U	2.5 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	2.5 U	3.8 U	3.8 U	2.5 UQ	2.5 U	2.5 U	2.5 U	2.5 R	2.5 U	3.8 U	3.8 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	130 U	3.8 U	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	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 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	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	130 U	1 U	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	25 U	0.5 U	0.5 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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
Bromobenzene	5	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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
Bromochloromethane	5	0.5 UJ	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 UQ	0.5 UQ	0.5 U	0.5 U	0.5 U	0.5 UQ	0.5 UQ	0.5 U	0.5 UQ	0.5 UQ	0.5 U	0.5 UQ	0.5 U	0.5 U	25 U	0.5 UQ	0.5 U
Bromodichloromethane	50*	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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
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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 U	0.2 U	0.2 U
Carbon Disulfide	60*	0.5 U	0.5 U	1	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	0.5 U	0.5 U	2	0.5 U	0.5 UJ	0.5 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
Carbon Tetrachloride	5	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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
Chlorobenzene	5	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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
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	1.7	0.5 U	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	25 U	0.5 U	0.5 U
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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
Chloromethane	NS	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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
cis-1,2-Dichloroethene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.6 J	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	0.5 U	0.21 J	0.52 J	0.62 J	0.94 J	0.73 J	0.82 J	25 U	0.2 U	0.34 J
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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 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	95	70	89	81	94.6	21.4	27.5	61	110	110	96	56	46.1 J	11.1	16.6	40.9	0.55 J	12	23	20	49.4	25 U	43.3	18
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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 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	25 U	0.5 U	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	25 U	0.5 U	0.5 U
Ethyl Benzene	5	30	22	6.9	7.1	9.2	12.1	5.8	5.7	340 D	180 D	220 D	190 D	290 D	130	140	180	720 D	120 D	230 D	57	120	99.5	99.1	160	0.5 U	100	200	230 D	360 D	280	200	59.4
Ethyl Methacrylate	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	25 U	0.5 U	0.5 U
Hexachlorobutadiene	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 U	0.2 U	0.2 U
Hexachloroethane	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 U	0.2 U	0.2 U
Isopropyl Acetate	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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 U	0.2 U	0.2 U
Isopropylbenzene	5	17	13	4.3	6.1	4.4	7.2	3.4	3.4	77	75	100	92	71.1	30.5	40.9	85.8	86	92	75	53	55.4	38.9	29.2	42.6	1.3	28	67	87	56.3	44.5 J	46.2	21.9
m/p Xylene	5	130	68	29	25	35.1	38.9	20.5	23.4	1,400 D	750 D	1,200 D	960 D	1,300 D	360 D	610 D	970 D	2,300 D	410 D	930 D	200	450 D	280	260	550 D	1 U	1 U	230	150	620 D	1,100	550 D	270
Methacrylonitrile	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.75 U	0.75 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.75 U	0.75 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.75 U	0.75 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	25 U	0.75 U	0.75 U
Methyl 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 UJ	0.5 U	0.5 U	0.5 U	0.5 U	1.4	0.5 U	0.5 U	0.5 U	25 U	0.5 U	0.5 U
Methyl Iodide	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 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	25 U	0.5 U	0.5 U
tert-Butylmethylether	10*	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
Methylcyclohexane	NS	11	3.7	1.3	1.2	2.8	1.8	1.9	3.2	180	160	320 D	210 D	180	54	61.8	160	180	190	300 D	240 D	130	17.8	47.6	120	1.2	1.6	23	22	36.4	65.5	82.9	38.4
Methylene Chloride	5	1.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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
N-amyl acetate	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.75 U	0.75 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.75 U	0.75 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.75 U	0.75 U	0.5 U

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

Groundwater Analytical Results - Natural Attenuation Parameters

Compound	Units	MW001 D1825-01 3/14/2012	MW001 D3247-01 6/28/2012	MW001 D4160-03 9/12/2012	MW001 D5150-01 12/12/2012	MW001 E1438-02 3/5/2013	MW001 E2592-01 6/17/2013	MW001 E3591-03 9/5/2013	MW001 E4756-03 12/10/2013	MW002 D1825-04 3/14/2012	MW002 D3247-02 6/28/2012	MW002 D4160-02 9/12/2012	MW002 D5150-02 12/12/2012	MW002 E1438-03 3/5/2013	MW002 E2592-03 6/17/2013	MW002 E3591-02 9/5/2013	MW002 E4756-02 12/10/2013
Natural Attenuation Parameters -																	
Sulfide	mg/l	1.44	1 U	2.88	1.76	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
Methane	µg/l	18.70 J	270 D	32.1	64.1	48.5	41.7	23.3	190.0 D	290 D	270 D	510 D	120 D	700 D	480 D	1,400 D	3,600 D
Total Organic Carbon (TOC)	mg/l	2.1	1.1	1.4	2.9	1.8	3.3	8.4	1.67	9	3.9	4.8	8.2	7.2	5.2	14	8.62
Alkalinity	mg/l	38	56	29	57	36	59.2	31.8	43.4	240	220	200	270	250	248	277	226
Sulfate	mg/l	20	11	10	17	11	17	10	12.2	2.5	2.6	2.6	1.9	3.1	2.38	2.53	2.12
Nitrate	mg/l	0.38	0.581	0.632	0.67	0.467	0.523	0.707	0.726	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 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	0.075 U	0.075 U	0.075 U	0.075 U	0.075 U	0.075 U	0.075 U	0.075 U
Ferrous Iron	mg/l	1.2	1.0	2.2	1.0	1.5	3.0	0.8	0.8	3.4	2.4	1.8	2.5	2	3	3.2	3
Total Iron	mg/l	1.6	1.1	2.8	1.2	1.4	3.5	1	1	4.0	2.4	2.4	3.0	4.0	5.2	5.6	5.2
Dissolved Oxygen (DO)	mg/l	4.3	2.61	3.48	3	2.12	0.89	2.25	2.09	3.5	5.43	0.83	2.4	0.35	0.38	2.18	0.49
Oxygen Reduction Potential (ORP)	mV	-54	-77	-63	-12	-81	-38	-79	NC	-91	-124	-170	-76	-159	-96	-135	NC

Compound	Units	MW003 D1825-07 3/14/2012	MW003 D3247-03 6/28/2012	MW003 D4160-01 9/12/2012	MW003 D5150-03 12/12/2012	MW003 E1438-01 3/5/2013	MW003 E2592-02 6/17/2013	MW003 E3591-01 9/5/2013	MW003 E4756-01 12/10/2013	SW02 D1825-06 3/14/2012	SW02 D3247-04 6/28/2012	SW02 D4160-04 9/12/2012	SW02 D5150-04 12/12/2012	SW02 E1438-06 3/5/2013	SW02 E2592-04 6/17/2013	SW02 E3591-04 9/5/2013	SW02 E4756-04 12/10/2013
Natural Attenuation Parameters -																	
Sulfide	mg/l	1.28	1.12	2.56	1.28	1 U	1 U	1 U	1 U	2.24	1 U	3.84	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	2700.0 D	510 D	470 D	1,300 D	470 D	330 D	420 D	300 D	520 D
Total Organic Carbon (TOC)	mg/l	5.7	4.2	4.1	4.9	6.8	9.2	8.4	6.35	3.3	1.7	4.4	5.7	3.9	3.6	5.2	4.93
Alkalinity	mg/l	170	200	170	230	260	232	160	202	69	50	80	100	130	125	146	144
Sulfate	mg/l	2.4	3	2.5	1.9	4	4.81	3.73	2.27	8.8	23	2.9	2.1	0.375 U	1.77	0.375 U	4.21
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	0.48	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 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	0.075 U	0.075 U	0.075 U	0.075 U	0.075 U	0.075 U	0.075 U	0.075 U
Ferrous Iron	mg/l	2.6	2.0	2.0	1.0	2.0	3.0	2.5	2.5	6.2	3.0	2.6	2.6	2.0	3.0	3.0	2.8
Total Iron	mg/l	4.5	2.1	3	3.4	3	5.4	3.4	3.2	6.4	6.0	4.0	4.1	5.0	6.6	7.4	6.5
Dissolved Oxygen (DO)	mg/l	4.7	3.84	3.09	2.7	0.46	0.46	0.81	0.46	5.4	0.48	0.72	2.4	4.41	0.42	3.12	0.57
Oxygen Reduction Potential (ORP)	mV	-76	-126	-183	-79	-160	-110	-127	NC	2	-47	-68	-24	-54	-64	-99	NC

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.

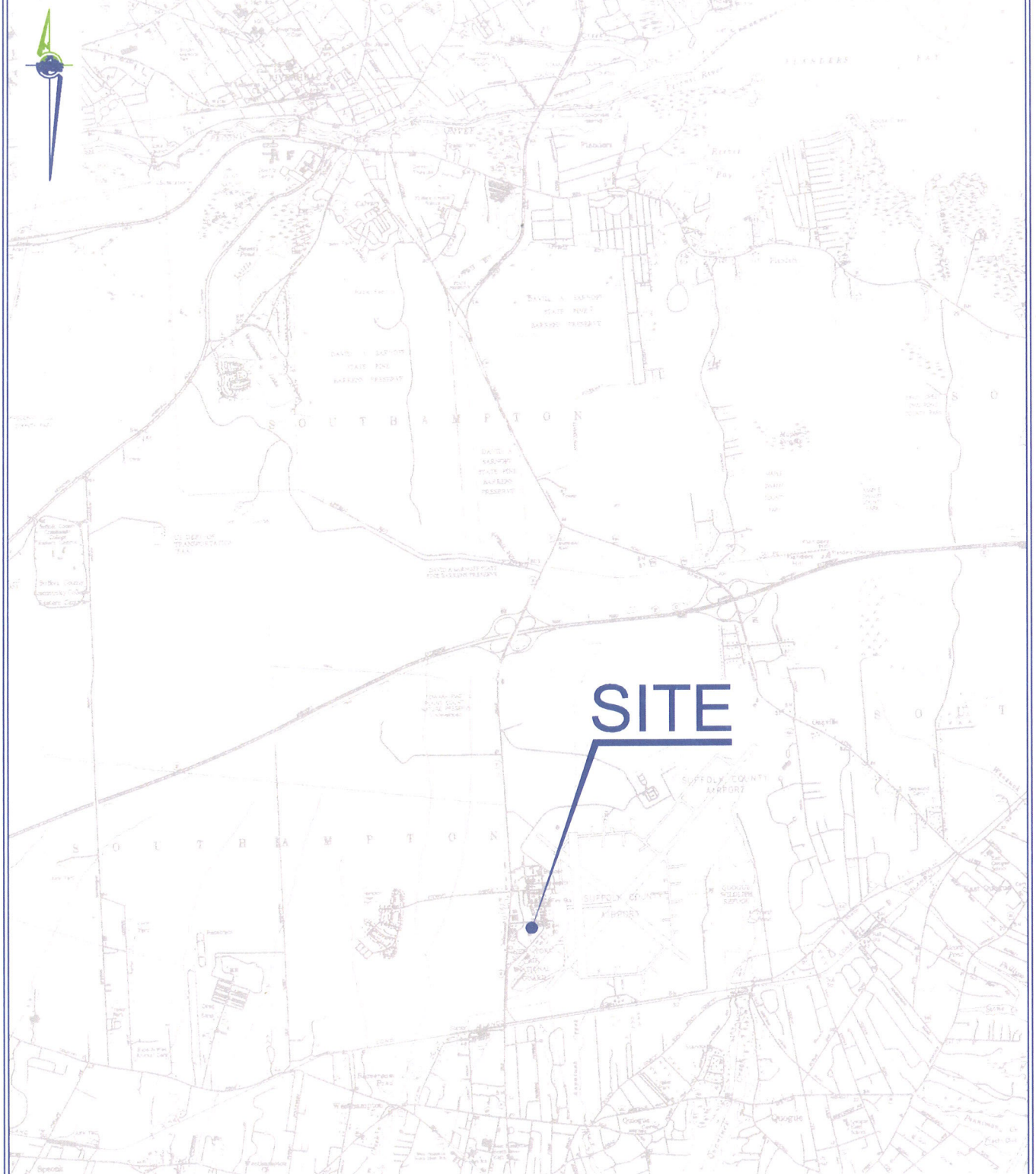
J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

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.

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

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FORMER BAUMANN BUS SITE
GABRESKI AIRPORT
WEST HAMPTON, NY

Project	SHD1101
Designed by	TM
Approved by	PKB
Drawn by	TC\LLG
Figure No.	1
Date	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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DRAWINGS PREPARED FOR

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 -



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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
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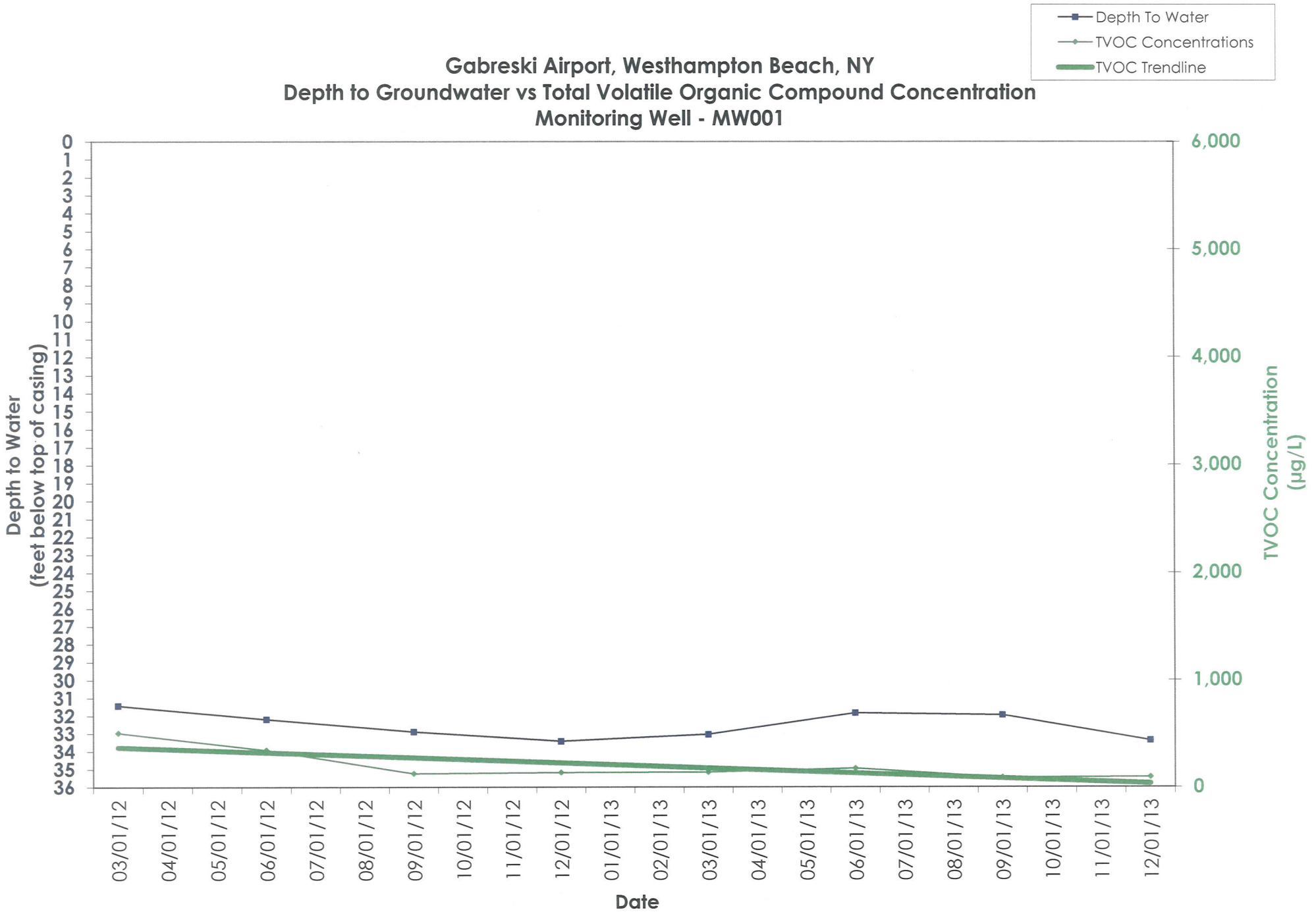
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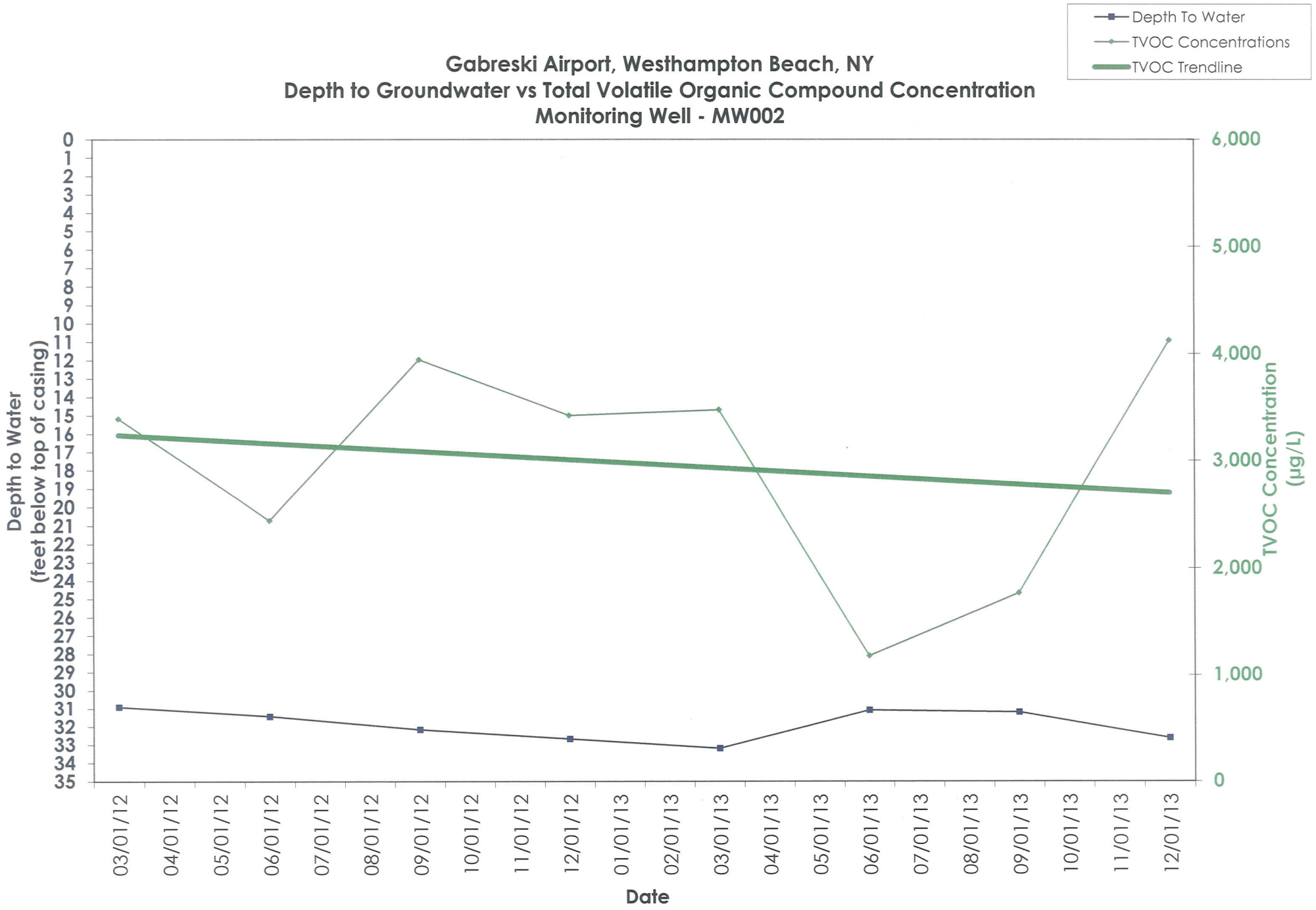
Gabreski Airport
West Hampton Beach, NY

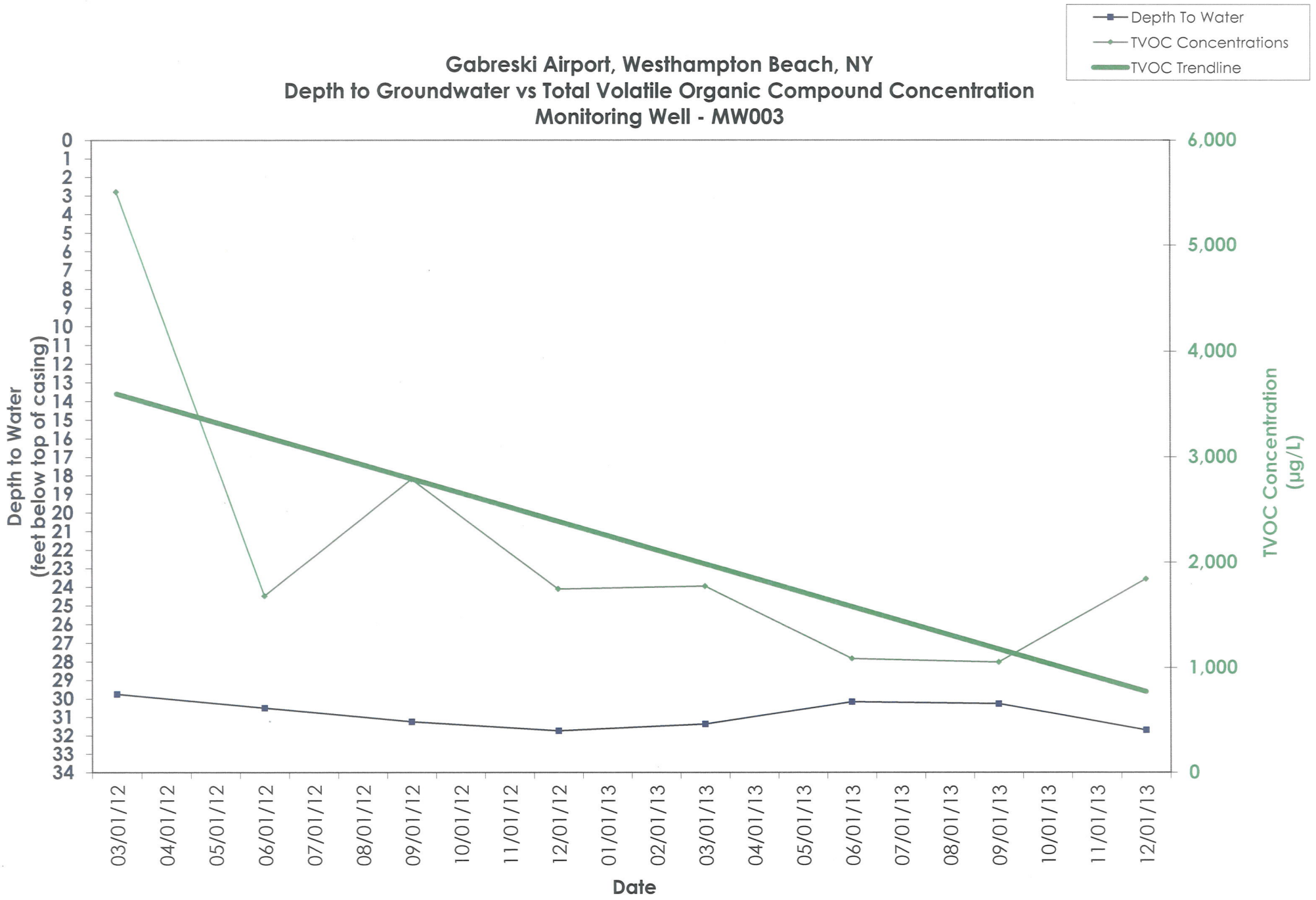
FIGURE NO.
3

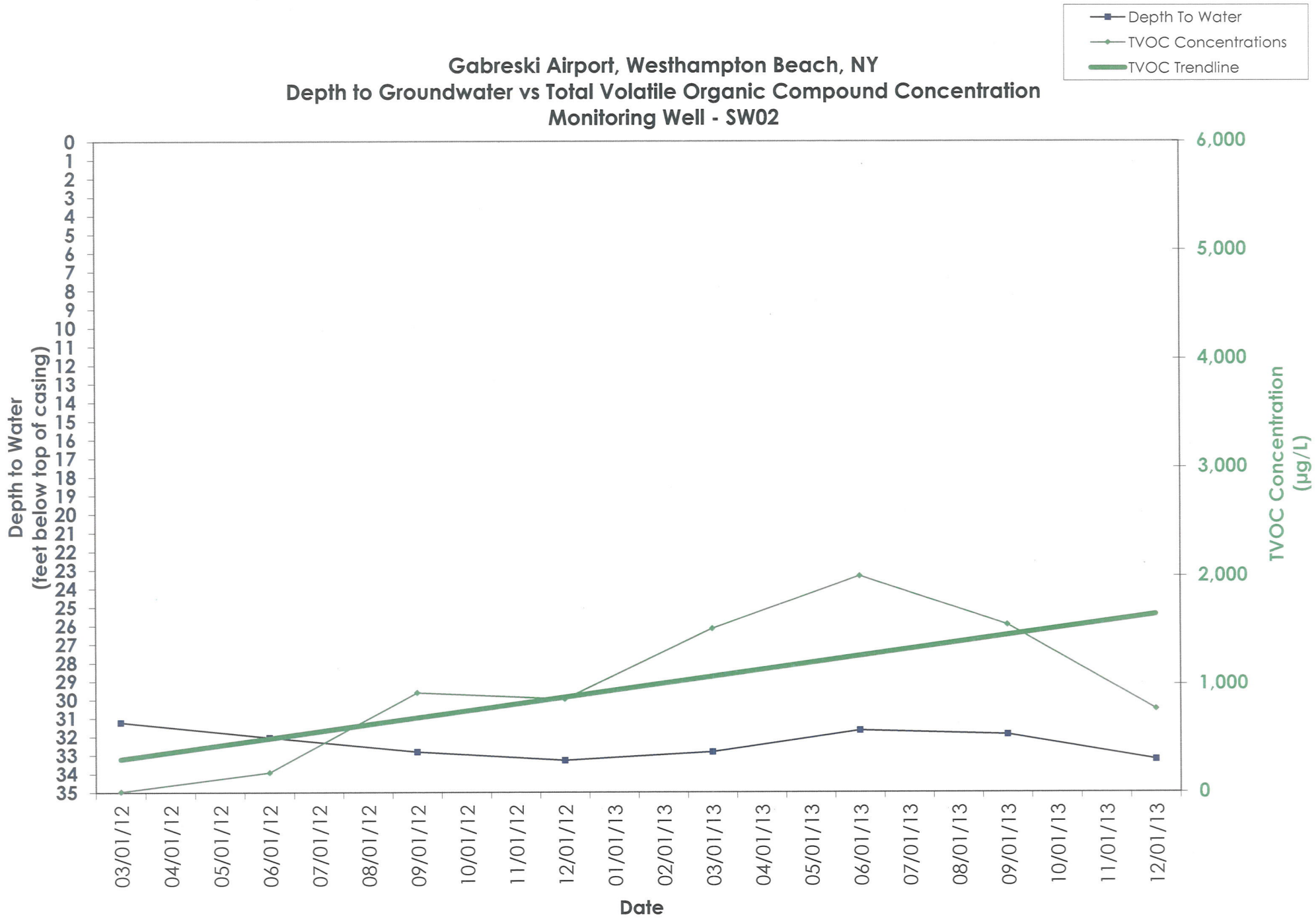
SHEET:
3 of 3

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
6,000
5,000
4,000
3,000
2,000
1,000
0
TVOC Concentration
(µg/L)
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
04/01/13
05/01/13
06/01/13
07/01/13
08/01/13
09/01/13
10/01/13
11/01/13
12/01/13
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
12/01/12
01/01/13
02/01/13
03/01/13
04/01/13
05/01/13
06/01/13
07/01/13
08/01/13
09/01/13
10/01/13
11/01/13
12/01/13
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
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
04/01/13
05/01/13
06/01/13
07/01/13
08/01/13
09/01/13
10/01/13
11/01/13
12/01/13
Date


Depth To Water
TVOC Concentrations
TVOC Trendline
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
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
6,000
5,000
4,000
3,000
2,000
1,000
0
TVOC Concentration
(µg/L)
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
04/01/13
05/01/13
06/01/13
07/01/13
08/01/13
09/01/13
10/01/13
11/01/13
12/01/13
Date

APPENDIX B

Francis S. Gabreski Airport – Airport Development District
Site-wide Inspection Form (57.943-acres)

Date: 12/10/2013 Time: 13:10

Weather: Cloudy with Snow, 33 F

Reason for Inspection:[X]Routine []other_____

Inspection Observations

Current site use: The ADD remains unchanged. No new development was observed.

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

Yes	No	
[]	[X]	Groundwater use
[]	[X]	Unrestricted (single family) residential housing
[]	[X]	Soil Disturbance within the SMA (figure attached) at a depth >25'
[]	[X]	Environmental issue which has potential to impact human health.

General Observations / Comments:

The soil cap in the SMA appears to be intact.

Groundwater monitoring is being performed in accordance with the SMP.

The groundwater monitoring wells are in good working order.

No new development was observed.

Groundwater use was not observed.

Performed by: Amanda Racaniello
Printed Name

Signature

Field Hydrogeologist
Title

P.W. Grosser Consulting, Inc.
Company