nationalgrid

Groundwater Investigation Findings Report

Glenwood Landing Former Gas Plant Site

June 2008

Dvirka and Bartilucci CONSULTING ENGINEERS

GROUNDWATER INVESTIGATION FINDINGS REPORT

GLENWOOD LANDING FORMER GAS PLANT SITE

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GLENWOOD LANDING FORMER GAS PLANT SITE
GROUNDWATER INVESTIGATION FINDINGS REPORT

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ES.0 EXECUTIVE SUMMARY

Introduction

In 2001, National Grid (formerly KeySpan) signed a Voluntary Cleanup Agreement with the New York State Department of Environmental Conservation (NYSDEC) regarding the Glenwood Landing Former Gas Plant Site located in Glenwood Landing, New York.

This Groundwater Investigation Findings report summarizes the findings of the groundwater investigation work conducted by Dvirka and Bartilucci Consulting Engineers (D&B) on behalf of National Grid. One objective of the investigation was to determine if chlorinated volatile organic compound (VOC) groundwater contamination identified at the National Grid property is associated with known contaminated properties located to the east (and upgradient) of the National Grid facility. The groundwater investigation was completed in three separate phases between 2006 and 2007. The findings of the first two phases were presented to the NYSDEC in a report dated August 2006. This Groundwater Investigation Findings report combines the third phase of groundwater investigation results from 2007 with the data from the August 2006 report into one integrated report. Note that a summary of the third phase of investigation findings along with D&B's conclusions and recommendations from this report were previously presented to the NYSDEC in a letter dated January 31, 2008.

Background

The Glenwood Landing Former Gas Plant Site is located on Shore Road in Glenwood Landing, New York. A 4-acre portion of the property, referred to as the Area 1A Parcel, is located west of Shore Road, with approximately 300 feet of waterfront on Hempstead Harbor. Historically, the property was initially developed as a modern liquid petroleum (LP) gas cracking plant in 1949. Subsequent development included a natural gas regulator station (compressor station), laboratory, and propane storage field. There are no records or documents to suggest that chlorinated VOCs have been used, stored or disposed at the property. Additional details concerning property history are provided in Section 1.0 of this report.

Subsurface investigations completed between 2001 and 2003 at the National Grid property by other consultants identified chlorinated VOCs in groundwater under the Area 1A Parcel. However, investigations conducted to date have failed to locate any source for the chlorinated VOCs within the National Grid property. Furthermore, the chlorinated VOCs detected in on-site groundwater are commonly used in a wide range of commercial and industrial applications. Tetrachloroethene (PCE), which is the predominant chlorinated VOC detected in groundwater, is widely used in commercial and industrial dry-cleaning operations.

Based on the westerly direction of groundwater flow toward Hempstead Harbor, a minimum of five potential sources of chlorinated VOCs have been identified approximately one mile directly upgradient of the National Grid property including four dry cleaning businesses and an electronics manufacturer. Between 2000 and 2006, the NYSDEC completed two groundwater investigations in the vicinity of four of the five potential sources and detected up to 18,000 ug/l of total chlorinated VOCs in shallow groundwater. The NYSDEC refers to this identified contamination source area as the Glen Head groundwater plume. Based on currently available information, the total length, width and vertical thickness of the Glen Head groundwater plume has not been defined by the NYSDEC. However, based on regional groundwater flow, the National Grid property is clearly within the projected path of the plume.

Findings

The completed groundwater investigation has identified contamination in groundwater consistent with the Glen Head groundwater plume over a broad area of Shore Road. The identified contamination consists predominantly of PCE (a dry cleaning solvent) and, to a lesser degree, related contaminants such as trichloroethene (TCE) and 1,2-dichloroethene (1,2-DCE). Total chlorinated VOC concentrations were detected up to 1,347 ug/l along Shore Road, a minimum of 600 feet north and sidegradient of the National Grid property. The investigation data clearly indicates that the Glen Head groundwater plume, or other groundwater contaminant sources located upgradient of the National Grid property, is impacting groundwater quality over a relatively large area, including the National Grid property. Based on regional groundwater flow, the groundwater contaminant plume associated with these upgradient sources migrates under the National Grid

property and is likely discharging to Hempstead Harbor. Based on the data generated by the NYSDEC in 2006 and the results presented in this Report from 2006/2007, the plume appears to be at least 2,800 feet in width along Shore Road and well north and south (sidegradient) of the National Grid property (See Figure 4-1).

The distribution of chlorinated VOC contamination in groundwater observed at the National Grid property and along Shore Road is consistent with an upgradient source or sources and the hydrogeologic framework of the area. Based on the review of available NYSDEC information on the upgradient sources and the Glen Head groundwater plume, the hydrogeologic setting of the area and the findings of this investigation, it appears that the groundwater contamination detected at the National Grid property, as well as to the north and south along Shore Road, is the Glen Head groundwater plume or other upgradient contaminant source as it migrates toward Hempstead Harbor. A conceptual model of this plume migration is provided as Figure 4-5 in this report.

In summary, the completed groundwater investigation has identified a wide and deep chlorinated VOC plume that is impacting groundwater quality within and adjacent to the National Grid property. Based on all the data and this Groundwater Investigation Findings Report, the National Grid property is not the source of this contamination. Rather, the contamination originates from upgradient sources such as the Glen Head groundwater plume and is impacting the groundwater conditions in a large area around the National Grid property.

Recommendations

Based on these findings, it is recommended that the current Voluntary Cleanup Agreement between National Grid (formerly KeySpan) and the NYSDEC for the Glenwood Landing former Gas Plant Site (Index Number RI-0001-01-01) be modified to close out this groundwater issue so that National Grid is not identified as a responsible party for any future investigation, remediation, monitoring, etc. for groundwater contamination associated with upgradient sources such as the Glen Head groundwater plume. The data and findings in this Report address the balance of the remaining VCA related issues and provide a supporting basis for the NYSDEC's review of the VCA related Site Management Plan that was previously submitted to NYSDEC.

1.0 INTRODUCTION

National Grid (formerly KeySpan) signed a Voluntary Cleanup Agreement (Index Number R1-00001-01-01) with the New York State Department of Environmental Conservation (NYSDEC) regarding the Glenwood Landing Former Gas Plant Site located in Glenwood Landing, New York (also herein referred to as the "National Grid property"). In early 2005, National Grid retained Dvirka and Bartilucci Consulting Engineers (D&B) to perform a groundwater investigation to determine if the chlorinated volatile organic compound (VOC) contamination identified in groundwater at the National Grid property is associated with known contaminated properties located to the east (and upgradient) of the National Grid property.

The groundwater investigation was completed in three separate phases between 2006 and 2007. The findings of the first two phases were previously presented to the NYSDEC in a report dated August 2006. This Groundwater Investigation Findings report combines the third phase of groundwater investigation results from 2007 with the data from the August 2006 report into one integrated report. This report summarizes all field and laboratory data generated during the field investigations, as well as information obtained by D&B through the review of available NYSDEC, Nassau County Department of Health (NCDH) and Nassau County Department of Public Works (NCDPW) records. D&B's conclusions regarding the likely sources of the chlorinated VOCs detected at the National Grid property are also presented in this report. Note that a summary of the third phase of investigation findings along with D&B's conclusions and recommendations from this report were previously presented to the NYSDEC in a letter dated January 31, 2008.

1.1 Project Background

1.1.1 Site Location

The Glenwood Landing Former Gas Plant Site is located on Shore Road in Glenwood Landing, New York. A portion of the National Grid property, which is referred to as the Area 1A parcel and is approximately 4 acres in area, is located west of Shore Road, with approximately

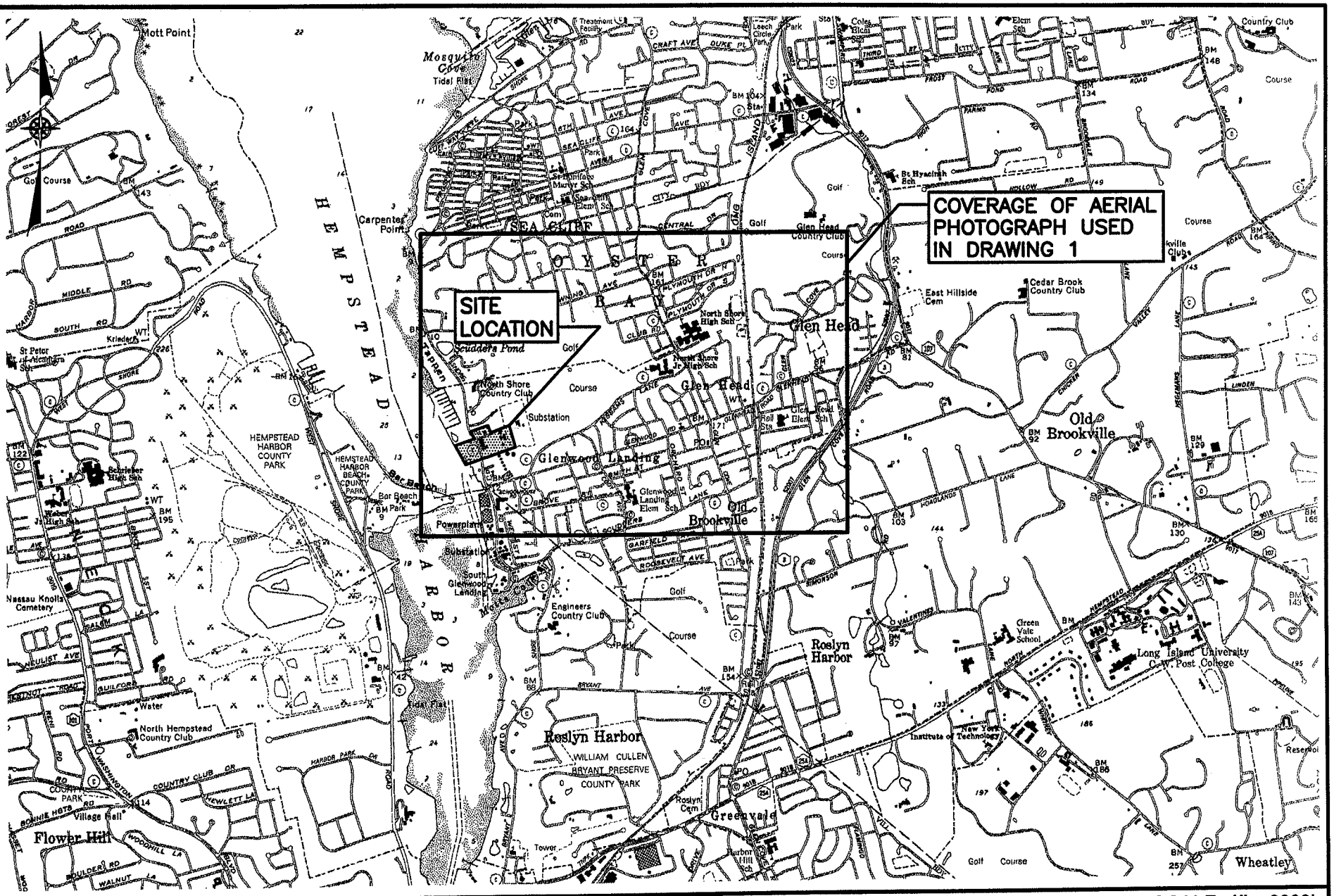
300 feet of waterfront on Hempstead Harbor. This parcel is between 4 and 8 feet above mean sea level (msl) in elevation, with little topographic relief. Based on the review of historical surveys, the Area 1A parcel is composed of fill material that was created adjacent to Hempstead Harbor. The remaining portion of the National Grid property located east of Shore Road slopes toward Hempstead Harbor, with an elevation of between 8 and 80 feet above msl from west to east. A site location map is provided as Figure 1-1. In addition, the National Grid property and surrounding areas are depicted on an aerial photograph provided as Drawing 1 in a map pocket at the end of the report. The coverage of the aerial photograph is depicted on Figure 1-1.

The National Grid property is located in an area containing a mixture of commercial and industrial properties, including a Mobil petroleum storage facility located east of Shore Road and immediately to the south of the LM6000 gas turbine electrical generators on the National Grid property. A boatyard is also located west of Shore Road and immediately to the south. North of the National Grid property and east of Shore Road is the North Shore Country Club, a golf course. West of the golf course and north of the National Grid property is a public park and marina fronting Hempstead Harbor. In addition, there is a former electronics manufacturer and at least four former and/or active dry cleaning businesses located approximately 0.75 to 1.0 mile to the east and upgradient of the National Grid property.

1.1.2 Site History

The National Grid property was initially developed as a modern liquid petroleum (LP) gas cracking plant in 1949. Subsequent development included a natural gas regulator station (compressor station), laboratory, and propane storage field. The gas facilities and propane storage tank field have since been decommissioned and demolished.

In 2002, two 79.9-megawatt LM6000 gas turbine electrical generators were installed east of Shore Road. The portion of the National Grid property west of Shore Road and fronting Hempstead Harbor remains undeveloped after decommissioning the propane storage field in this area in 2000.



F:\1620-WDWG\1620-W-02.dwg, FIG 1-1, 6/30/2008 3:36:51 PM, DBCadd

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GLENWOOD LANDING FORMER GAS PLANT SITE
GLENWOOD LANDING, NEW YORK

SCALE: 1" = 3000'

SITE LOCATION MAP

FIGURE 1-1

There are no records or documents to suggest that chlorinated VOCs have ever been used, stored or disposed at the National Grid property.

1.2 Project Objective

The objective of this investigation was to collect sufficient environmental data to confirm that the chlorinated VOCs affecting groundwater quality on the Glenwood Landing Former Gas Plant Site are originating from an upgradient source. Available NYSDEC and NCDH records indicate a minimum of five properties/sites located approximately 1 mile east and upgradient of the National Grid property as significant chlorinated VOC contamination sources. The NYSDEC has documented high concentrations of chlorinated VOCs present in groundwater within and immediately downgradient of these sites.

1.3 Previous Investigations

A number of environmental investigations have been completed at the Glenwood Landing Former Gas Plant Site since the demolition of the gas facilities and propane tanks, including a Supplemental Site Assessment completed in 2001, and a Phase I Geophysical Investigation and Supplemental Sampling Program, completed in 2003. Based on the review of the investigation reports associated with these investigations, key findings with respect to the nature and extent of chlorinated VOCs in groundwater at the National Grid property include the following:

- For the National Grid property, chlorinated VOCs have been detected in groundwater primarily west of Shore Road and fronting Hempstead Harbor, in an area referred to as the Area 1A Parcel. Tetrachloroethene (PCE), which is most commonly used in the dry cleaning industry, was the most frequently detected chlorinated VOC being detected at concentrations as high as 820 ug/l from samples collected from monitoring wells located on the Area 1A Parcel. In addition, other chlorinated VOCs have been routinely detected in on-site groundwater, but at lower concentrations, including: trichloroethene (TCE) detected at up to 210 ug/l, 1,2-dichloroethene (1,2-DCE) detected at up to 57 ug/l, 1,1,1-trichloroethane (TCA) detected at up to 6 ug/l, and 1,1-dichloroethane (1,1-DCA) detected at up to 6 ug/l.

- Groundwater flow is from east to west towards Hempstead Harbor throughout the National Grid property, and groundwater within the Area 1A Parcel is tidally influenced. In addition, there exists a relatively strong upward vertical gradient in groundwater within this portion of the National Grid property, indicating an area of groundwater discharge.

- In general, shallow groundwater samples collected from a depth of less than 20 feet below ground surface (bgs) within the Area 1A Parcel exhibited the lowest concentrations of the above listed VOCs, whereas samples collected from below 50 feet bgs exhibited the highest concentrations. For example, sampling conducted in March 2003 identified a total VOC concentration of 4 ug/l at shallow monitoring well MW-05 (screened from 3 to 14 feet bgs), whereas deep well MWD-03 located less than 10 feet from MW-05 and screened from 70 to 90 feet bgs exhibited a total VOC concentration of 611 ug/l. In addition, deep groundwater probe samples MIP-03 (54 to 58 feet) and MIP-20 (56 to 60 feet) exhibited total VOC concentrations of 1,711 ug/l and 2,167 ug/l, respectively.

- The investigations conducted to date at the National Grid property have not identified any subsurface VOC hot spots, evidence of non-aqueous phase liquid (NAPL) or other potential on-site sources of the chlorinated VOCs that have been detected in on-site groundwater.

As discussed previously, there are no records to indicate that chlorinated VOCs were used or stored at the National Grid property. A number of the chlorinated VOCs detected in on-site groundwater are used in a wide range of commercial and industrial applications, including PCE, TCE and TCA. In addition, several are common breakdown products of these same chlorinated VOCs, including 1,2-DCE and 1,1-DCA. As discussed previously, PCE was the most frequently detected chlorinated VOC in on-site groundwater. PCE is widely used in commercial and industrial dry-clean operations.

In early 2005, D&B completed a review of available federal, state and local records, and five potential chlorinated VOC sources were identified directly upgradient of the National Grid property, including:

- TransTechnology Corporation
- Former Fresh and Clean Laundry
- Professional Touch Cleaners

- Soundview Cleaners
- Glen Head Cleaners

Significant chlorinated VOC groundwater contamination has been documented at the TransTechnology Corp. site. In addition, the NYSDEC conducted a groundwater investigation in 1999 and 2000 (referred to as the Glen Head Groundwater Plume PSA) downgradient of the TransTechnology Corp. site, as well as downgradient of all the above listed dry cleaners, with the exception of Professional Touch Cleaners, which was located outside the NYSDEC study area. Again, significant chlorinated VOCs were detected downgradient of the TransTechnology Corp. site and the former and active dry cleaning businesses. While significant chlorinated VOC concentrations have been detected in groundwater downgradient of these properties, the full downgradient extent of the contamination has not been defined. The NYSDEC refers to several of these groundwater contamination sources collectively as the "Glen Head Groundwater Plume".

In 2005 and 2006, the NYSDEC conducted a Site Characterization of the Glen Head groundwater plume. The investigation confirmed the findings of the PSA but did not further delineate the plume. In addition, a surface water sample was collected nearly a half-mile north of the National Grid property which exhibited elevated concentrations of chlorinated VOCs.

Additional details concerning these upgradient sources are provided in Section 2.0.

1.4 Site and Regional Hydrogeology

1.4.1 Topography

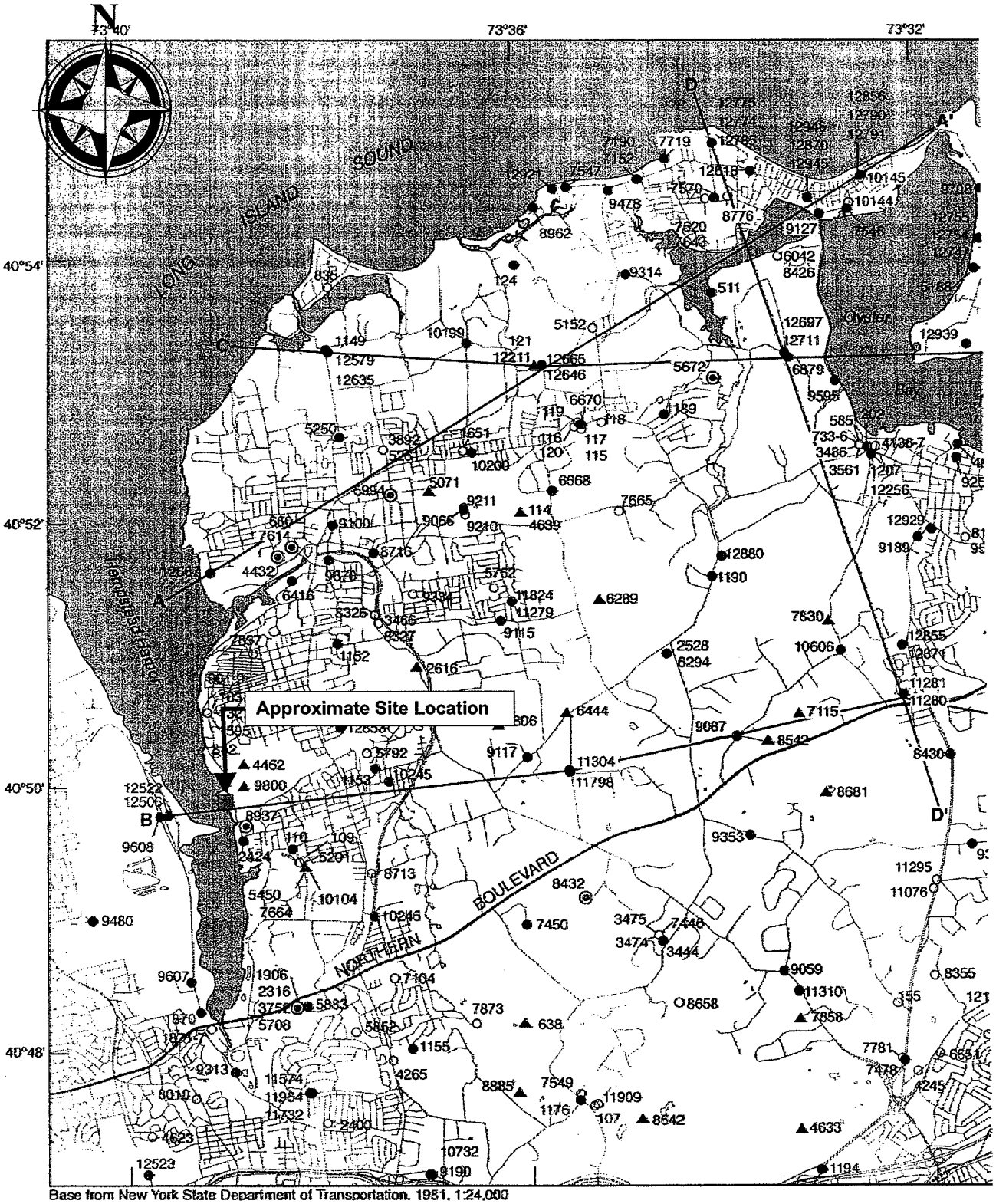
The westernmost portion of the Glenwood Landing Former Gas Plant Site is located adjacent to Hempstead Harbor and is approximately 8 feet above msl. Moving inland from Hempstead Harbor and across Shore Road, surface topography increases steeply with the eastern boundary of the property at approximately 80 feet above msl. To the east, the ground surface elevation continues to increase moving further inland, with an elevation of more than 150 feet

above msl in the vicinity of the TransTechnology site, which is discussed in Section 2.0 and shown on Drawing 1.

1.4.2 Stratigraphy

A key map and associated hydrogeologic cross section, which runs from Hempstead Harbor at the approximate location of the National Grid property and upgradient to the east, are provided as Figures 1-2 and 1-3, respectively. As depicted on the cross section, the study area is immediately underlain by the Upper Glacial aquifer, a Pleistocene-aged unit consisting of glacial till and outwash deposits. It consists mainly of a poorly to moderately sorted fine-coarse sand and gravel with variable amounts of clay and silt and is considered to have excellent groundwater transmitting properties. The Upper Glacial aquifer is approximately 225 feet thick in the study area and generally overlies the Magothy aquifer. However, in the immediate vicinity of the National Grid property, the Magothy aquifer has been completely eroded away and, as a result, the Upper Glacial aquifer directly overlies the Raritan Clay confining unit.

A review of soil borings indicates that the glacial sediments underlying the National Grid property consist of primarily fine to medium sand with varying amounts of silt and gravel, with fairly good water transmitting properties. However, the available information also indicates that there exists a number of low-permeable clay-rich zones interbedded with the more permeable sand-rich zones. For example, the review of a boring log associated with the installation of on-site monitoring well MW-7 located east of Shore Road identifies a zone starting at 40 feet below grade containing layers of clay and silt interbedded with fine sand. The boring was terminated at 50 feet below grade and therefore the total thickness of this low permeable zone was not determined. However, D&B completed Membrane Interface Probe MIP-1 in close proximity to MW-7 and, based on the soil conductivity data obtained from MIP-1, this low permeable zone extends to a depth of approximately 90 feet below grade at this location. In addition, the review of boring logs for wells installed on-site within the Area 1A Parcel indicate the presence of low permeable zones starting at 90 feet below grade. The soil conductivity for MIP-2 which was also completed within the Area 1A Parcel also indicates additional silt and clay-rich strata starting at approximately 90 feet below grade. The presence of these low-permeable silt/clay-rich zones



Base from New York State Department of Transportation, 1981, 1:24,000

SOURCE: USGS WATER RESOURCES INVESTIGATIONS REPORT 03-4288

APPROXIMATE SCALE: 1"=1.25MI

RLA/FIGURES/KEYSPAN1620(04/11/05)

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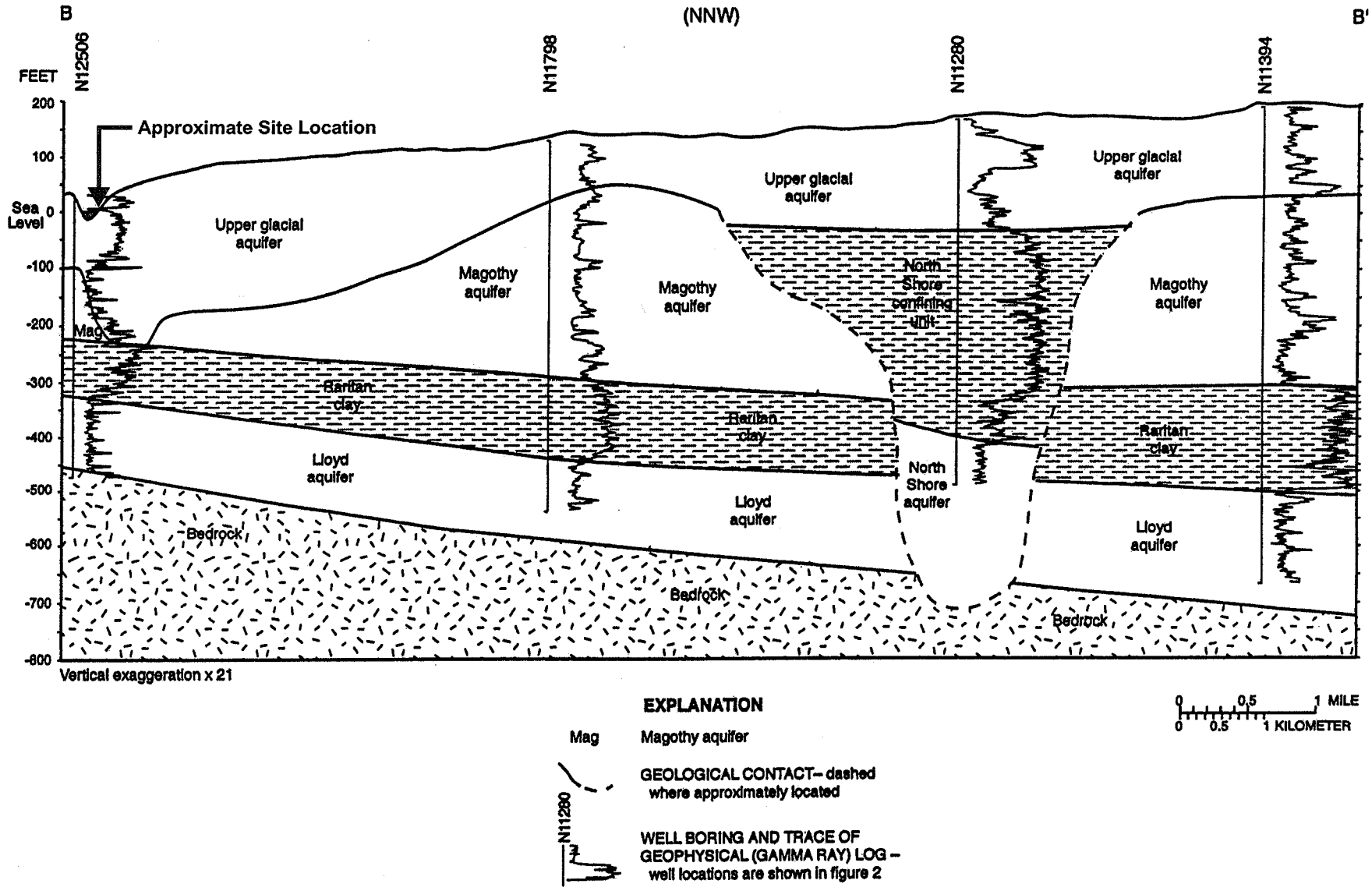
GLENWOOD LANDING FORMER GAS PLANT SITE
GLENWOOD LANDING, NEW YORK

CROSS-SECTION KEY MAP

FIGURE 1-2



SOURCE: USGS WATER RESOURCES INVESTIGATIONS REPORT 03-4288

RLA/FIGURE/KEYSPAN1620(04/12/05)

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GLENWOOD LANDING FORMER GAS PLANT SITE
GLENWOOD LANDING, NEW YORK

GEOLOGIC CROSS-SECTION OF SITE AND UPGRADIENT AREAS

FIGURE 1-3

will complicate groundwater flow and contaminant migration through the site primarily by limiting the vertical flow of groundwater, as well as the vertical migration of contaminants. Additional details concerning the soil conductivity obtained as part of the MIP investigation are provided in Section 4.1 of this report.

The Magothy aquifer is a Cretaceous-aged unit consisting of alternating layers of fine sand, silts and clays considered to have moderate groundwater transmitting properties. However, due to the numerous clay-rich zones, it is highly anisotropic with vertical hydraulic conductivities being approximately 0.01 of horizontal values. Note that, as depicted on Figure 1-3, the Magothy aquifer appears to be completely eroded in the vicinity of the National Grid property and gradually thickens upgradient to the east with a thickness of approximately 75 feet at a distance of 1 mile from Hempstead Harbor. The Magothy aquifer is the principal source for public water for Nassau County.

Underlying the Magothy aquifer are additional Cretaceous-aged units, including, in descending order, the Raritan Clay confining unit and the Lloyd aquifer. Consolidated bedrock is located approximately 475 feet below grade at the Glenwood Landing Former Gas Plant Site. The Raritan Clay beneath the study area consists of solid, compact clay at least 100 feet thick and, therefore, acts effectively as a confining unit preventing the vertical migration of chemical constituents.

1.4.3 Groundwater Flow

The water table is located within the Upper Glacial aquifer and is found at depths ranging from less than 6 feet at the Area 1A Parcel, adjacent to Hempstead Harbor, to approximately 115 feet below grade in the vicinity of the TransTechnology site located approximately 1 mile to the east. As depicted on Drawing 1, regional horizontal groundwater flow is westward toward Hempstead Harbor. Therefore, areas to the east of the National Grid property are considered upgradient to the site with respect to groundwater flow. According to the USGS, there is a moderate to strong downward vertical gradient in the vicinity of the TransTechnology site, which will promote the vertical migration of chlorinated VOCs into deeper zones of the Upper Glacial

aquifer in this upgradient area. However, at the Area 1A Parcel, hydraulic head measurements from deep and shallow groundwater monitoring wells identify a strong upward vertical gradient, indicating this is an area of groundwater discharge. Table 1-1 summarizes water elevations from the monitoring wells located on the Area 1A Parcel of the former gas plant site, collected on June 14, 2006. As shown on Table 1-1, deep monitoring wells screened between 35 and 90 feet below grade have significantly higher water level elevations when compared to shallow wells screened at the water table, indicating a strong upward vertical hydraulic gradient. For example, deep well MWD-03 has a water elevation of 18.63 feet above msl at high tide, whereas shallow well MW-05, located adjacent to MWD-03, has a water elevation of only 13.18 feet, a difference of 5.45 feet. These findings are consistent with previous investigations that assessed vertical hydraulic gradients in the Area 1A Parcel.

1.4.4 Regional Groundwater Quality

D&B obtained and reviewed available VOC groundwater data in the vicinity of the National Grid property from the NCDPW as part of the routine sampling of their monitoring well network. The locations of the wells located in the vicinity of the National Grid property and upgradient areas are provided on Drawing 1. Two of the monitoring wells exhibited detectable concentrations of VOCs, including N-11777, located approximately 0.6 mile north (sidegradient) of the National Grid property and screened at the water table in the Upper Glacial aquifer, and N-11795, located approximately 3/4 of a mile to the northeast of the National Grid property and also screened at the water table in the Upper Glacial aquifer. In July 2001, well N-11777 exhibited 1,1-DCA and TCA at concentrations of 2.1 and 2.9 ug/l, respectively. In June 1998, well N-11795 exhibited methyl tertiary butyl ether (MTBE), a common gasoline additive, at a concentration of 24 ug/l. In October 2000, MTBE and TCA were detected at concentrations of 17.5 and 2.2 ug/l, respectively at this well.

VOC data from three surface water samples collected by the NCDPW were also obtained and reviewed by D&B. As shown on Drawing 1, NCDPW surface water sample location referred to as Site No. 36 was collected from a small pond (Scudder's Pond) located nearly 1/2 mile north (side gradient) of the National Grid property and in the vicinity of monitoring well N-11777.

TABLE 1-1

NATIONAL GRID
GLENWOOD LANDING FORMER GAS PLANT SITE

SYNOPTIC WATER LEVEL MEASUREMENTS FROM EXISTING WELLS, JUNE 14, 2006

Well ID	Low Tide - 08:10		Mid Tide - 11:00		High Tide - 13:53	
	Depth to Water (ft)	Water Elevation (ft msl)	Depth to Water (ft)	Water Elevation (ft msl)	Depth to Water (ft)	Water Elevation (ft msl)
MW-01	10.85	8.91	10.94	8.82	10.75	9.01
MW-02	N/A	N/A	N/A	N/A	N/A	N/A
MW-03	11.53	7.28	11.72	7.09	11.19	7.62
MW-04	10.68	7.26	10.85	7.09	10.30	7.64
MW-05	6.64	13.14	6.65	13.13	6.60	13.18
MW-06	9.18	9.29	9.32	9.15	9.10	9.37
MWD-01	7.09	11.02	6.08	12.03	3.97	14.14
MWD-02	10.37	7.56	8.77	9.16	6.60	11.33
MWD-03	3.44	16.99	2.95	17.48	1.80	18.63

Notes:
The top of casing elevations used to calculate water elevations were obtained from a previous investigation report.
N/A : Data not available

Based on five sampling events conducted during the last 2 years, the pond has consistently exhibited detectable concentrations of chlorinated VOCs, with a maximum PCE concentration of 48.3 ug/l detected in the summer of 2003. TCE and 1,2-DCE have also been regularly detected, at maximum concentrations of 3 and 5.5 ug/l, respectively.

In addition, a natural groundwater spring located on the North Shore Country Club which feeds Scudder's Pond was sampled by Nassau County in November, 2004. The sample exhibited a PCE concentration of 160 ug/l. TCE and 1,2-DCE were also detected at concentrations of 1.9 and 0.6 ug/l, respectively. The NYSDEC also sampled this spring as part of a Site Characterization of the Glen Head groundwater plume in 2006. In 2006, the spring exhibited a PCE concentration of 130 ug/l. TCE, 1,2-DCE and TCA were also detected at concentrations of 2, 0.7 and 0.5 ug/l, respectively. The NYSDEC Site Characterization is discussed further in Section 2.0.

A public supply well of the Sea Cliff Water Company (N-05792) is located approximately 1 mile upgradient of the National Grid property, immediately east of the TransTechnology site (see Drawing 1). The well is screened from 255 to 295 ft. below grade in the Magothy aquifer. Available chemical analysis indicates that the well has exhibited detectable concentrations of MTBE on a number of occasions, with a maximum concentration of 2.54 ug/l. Based on the reviewed data, no other VOCs were detected in the public supply well.

2.0 DOCUMENTED UPGRADIENT SOURCES OF CHLORINATED VOCs

D&B conducted a review of available NCDH and NYSDEC records and files pertaining to the identified sources of upgradient chlorinated VOC sources. The location of the five identified upgradient sources, along with the direction of groundwater flow, is provided on Drawing 1. Sections 2.1 through 2.5 present a summary of the review of these records and files organized by each upgradient source. Section 2.6 presents a summary of the review of records and files pertaining to a collective source area located in the vicinity of many of these upgradient sources, referred to as the Glen Head groundwater plume by the NYSDEC.

2.1 TransTechnology

As shown on Drawing 1, the TransTechnology site is located approximately 1 mile east (upgradient) of the Glenwood Landing Former Gas Plant Site. According to available records, Lundy Electronics Company formerly occupied that site and operated a machine shop and conducted electronics manufacturing activities at the site. TransTechnology acquired Lundy Electronics Company in the early 1980's and leased a portion of the site to various tenants whose activities included woodworking, metals fabrication and warehousing. Up until 1994, TransTechnology assembled electronic components on-site.

A NCDH Bureau of Water Pollution Control form completed by Lundy Electronics Corp. and signed August 4, 1977, indicates that cleaning solvents were disposed of in the facility's cesspool. An "Industrial Investigation Follow-Up" form completed by the NCDH was reviewed and indicated that improper disposal of waste was occurring at the site. Attached to the form was a letter dated November 3, 1977, indicating that Lundy Electronics and Systems, Inc. would discontinue disposing of solvents, cleaners and other chemicals in their on-site sewage disposal system and begin storing these materials in drums for off-site disposal. Analytical results of a sample collected from a sanitary and industrial waste cesspool at the Lundy Electronics Corp. parking lot indicated the presence of TCA at a concentration of 100,000 ug/l.

Numerous site investigations have been conducted at the facility. An investigation completed by ERM in 1992 found elevated concentrations of chlorinated VOCs in shallow on-site groundwater, including TCE detected at a maximum concentration of 1,500 ug/l. In addition, Eder Associates completed two site investigations in 1992 and 1993. Elevated concentrations of chlorinated VOCs were detected in shallow on-site groundwater, with maximum concentrations of PCE and TCE of 12,000 ug/l and 3,300 ug/l, respectively. Deep groundwater data is limited, but indicated a maximum TCE concentration of 3,600 ug/l. The results from a 1996 Conestoga-Rovers and Associates (CGA) investigation are consistent with the findings of the previous investigations, with maximum concentrations of PCE and TCE in shallow on-site groundwater of 16,000 ug/l and 1,800 ug/l, respectively. Throughout these investigations, the highest PCE concentrations were generally detected in monitoring wells located at the southern end of the facility while the highest TCE concentrations were generally detected in the central portion of the TransTechnology site.

An April 2008 NYSDEC fact sheet, as well as discussions with the NYSDEC project manager for TransTechnology, indicates that on-site soil remediation at the TransTechnology site is to be underway by July 2008. An off-site groundwater investigation is scheduled for August 2008.

2.2 Professional Touch Cleaners

Professional Touch Cleaners is located approximately 0.8 mile northeast of the National Grid property. Available records regarding this potential source were limited. However, NCDH Article XI permits for the facility were reviewed that indicated the storage of dry cleaning chemicals, including PCE.

2.3 Former Fresh and Clean Laundry

The former Fresh and Clean Laundry site is located approximately 850 feet to the southeast of the TransTechnology Corporation site, and upgradient to both the TransTechnology Corporation site and the National Grid property with respect to the direction of groundwater flow

(see Drawing 1). The former Fresh and Clean Laundry site was identified in the State Hazardous Waste Site database. According to the database report, the former Fresh and Clean Laundry site "appears to be the primary contributor to the PCE contamination" in the area of the TransTechnology Corporation site. It was reportedly a dry cleaner until 1988. The database report indicates that the Nassau County Department of Health determined that illegal disposal of PCE was occurring at this location, and that the groundwater directly downgradient of this site exhibited the highest levels of contamination. The contamination was detected in both on-site soil and groundwater.

A letter, dated December 2, 1980, from the NCDH to the Fresh and Clean Laundry states that the NCDH determined that wastewater containing PCE was being disposed of at the site onto the surface of the ground and into septic tank systems and cesspools. The NCDH required that Fresh and Clean laundry cease this practice and begin to contain this material for proper disposal.

A report provided by the NYSDEC on the Glen Head groundwater plume (see Section 2.6 below) indicates that an investigation of the former Fresh and Clean Laundry site by the NYSDEC is ongoing as of February 2007. No findings of the investigation have been provided.

2.4 Soundview Cleaners

This dry cleaning business is located approximately 0.8 mile east of the National Grid property. According to a USEPA letter dated September 7, 1995, from the USEPA to Soundview Cleaners, an inspection performed by the NCDH revealed that fluids were being disposed of into several floor drains that might discharge into the ground by means of an injection well, such as a cesspool, drywell or septic system. A letter from Soundview Cleaners' environmental consultant, dated July 16, 1996, indicates that an underground injection control (UIC) closure plan was submitted to the USEPA and a soil sample was collected from an on-site cesspool, which received discharge from a floor drain. The floor drain was reportedly closed and cemented with concrete after the sampling took place. The soil sample exhibited a PCE concentration of 330

ug/kg and a TCE concentration of 38 ug/kg. Based on these results, the cleaner's consultant did not recommend that the cesspool undergo remediation.

2.5 Glen Head Cleaners

This dry cleaning business is located approximately 1 mile to the east of the National Grid property. A letter, dated December 2, 1980, from the NCDH to the Glen Head Tailors and Cleaners indicates that the NCDH determined that wastewater containing PCE was being disposed of at the site onto the surface of the ground or into septic tank systems and cesspools. The NCDH required that Glen Head Cleaners cease this practice and begin to contain this material for proper disposal. Subsequent NCDH inspections resulted in satisfactory ratings. In addition, a letter, dated March 6, 1998, indicates that an on-site dry well exhibited a PCE concentration of 450 ug/kg, and that the owner is not aware of how the PCE was discharged into the dry well. The letter indicates that impacted soil has to be removed via a vacuum truck; however, no documentation was available confirming that this remedial action has actually been completed.

2.6 Glen Head Groundwater Plume

September 2000 Preliminary Site Assessment

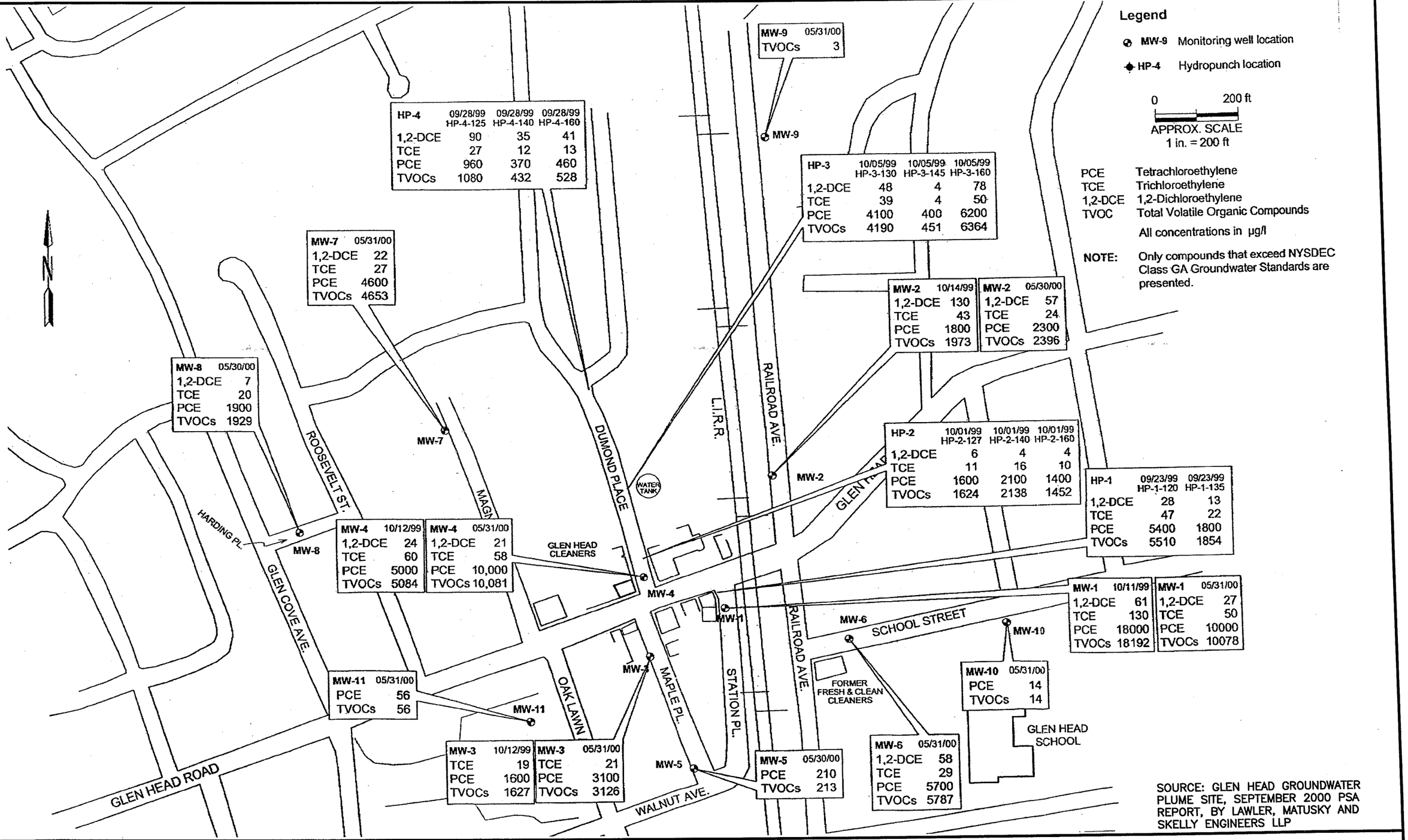
As depicted on Drawing 1, all of the potential source areas discussed in this section are located within approximately 1,200 feet of each other near the LIRR right-of-way, with the exception of the former Professional Touch Cleaners, which is located further north. Due to this concentration of source areas and the elevated levels of chlorinated VOCs that have been historically detected in groundwater, the NYSDEC contracted Lawler, Matusky and Skelly Engineers (LMS) to perform a Preliminary Site Assessment (PSA) of this area, collectively referring to the project as the "Glen Head Groundwater Plume." D&B obtained and reviewed a copy of the September 2000 Glen Head Groundwater Plume PSA report from the NYSDEC through a FOIL request.

A total of 11 shallow monitoring wells and four groundwater probes were installed during the PSA. Elevated levels of chlorinated VOCs were detected throughout the study area. PCE concentrations were detected at levels significantly higher than other VOCs, with a maximum concentration of 18,000 ug/l at monitoring well MW-01 located at the corner of Station Place and Glen Head Road. By comparison, PCE degradation products TCE and 1,2-DCE were each detected at a maximum concentration of 130 ug/l, suggesting that PCE was the dominant chlorinated VOC discharged to the subsurface in this area. Figure 2-1 is a graphic from the PSA report summarizing the chlorinated VOCs detected in groundwater. As shown on Figure 2-1, while PCE and related chlorinated VOCs have been documented in groundwater, the total length, width, and vertical thickness of the plume has not been defined by the PSA scope of work.

February 2007 Site Characterization Report

In 2005 and 2006, Environmental Resources Management (ERM) conducted a Site Characterization for the NYSDEC as detailed in the report entitled, "Site Characterization Report, Glen Head Groundwater Plume", and dated February 2007. The investigation included the collection of 13 sediment samples from drywells and cesspools at the suspected source areas, collection of soil samples from 8 shallow soil probes, collection of groundwater samples from 9 existing shallow PSA wells and 8 existing shallow TransTechnology wells, collection of soil gas samples in the source area and collection of surface water and surface water sediment samples from the natural groundwater spring located on the North Shore Country Club nearly 1/2 mile north of the National Grid property.

However, deep soil and groundwater sampling well below the water table in the vicinity of the suspected source areas does not appear to have been completed. The scope of work did not appear to be intended to further delineate the Glen Head groundwater plume, but rather to investigate the sources of the plume (described above) and determine whether the sources were contributing or had contributed to the plume.



SOURCE: GLEN HEAD GROUNDWATER PLUME SITE, SEPTEMBER 2000 PSA REPORT, BY LAWLER, MATUSKY AND SKELLY ENGINEERS LLP

Dvirka and Bartilucci CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

GLENWOOD LANDING FORMER GAS PLANT SITE
GLENWOOD LANDING, NEW YORK

GLEN HEAD GROUNDWATER PLUME DATA SUMMARY

FIGURE 2-1

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As observed during the PSA, elevated levels of chlorinated VOCs were detected in groundwater throughout the study area with PCE being the dominant compound detected. The maximum concentration of PCE was again detected at MW-01 at 2,400 ug/l, with a TCE concentration of only 17 ug/l. As observed during previous investigations at TransTechnology, TCE concentrations were significantly higher on the central and northern portions of the TransTechnology site, with a maximum concentration of 1,000 ug/l. In addition, the sample of the spring water exhibited a PCE concentration of 130 ug/l, while the surface water sediment sample exhibited a PCE concentration of 82 ug/kg. Shallow subsurface soil did not appear to be impacted in the source area, and PCE and TCE soil vapor concentrations were significantly higher at deeper depths in the vicinity of the water table.

The NYSDEC report concluded that the sampling "…confirmed the existence and configuration of the Glen Head Groundwater Plume", while noting that the limits of the plume are not adequately delineated.

3.0 FIELD INVESTIGATION PROGRAM

The investigation scope of work in and around the Glenwood Landing Former Gas Plant Site was undertaken in three phases in order to collect sufficient environmental data to confirm that the chlorinated VOCs affecting groundwater quality are originating from an upgradient source. All sample locations are shown of Figure 3-1. The first two phases were completed in 2006 and included the following work:

- March 2006: Completed membrane interface probe MIP-01 and groundwater probes GP-01 and GP-02 on the National Grid property to the east of Shore Road and inland from the Area 1A Parcel.
- June 2006: Completed MIP-02 through MIP-05 and GP-04 through GP-07 along Shore Road. GP-03 was completed on the Area 1A Parcel.

National Grid presented the findings of the 2006 data to the NYSDEC in a November 2006 meeting, and recommended closing out the groundwater issue. NYSDEC requested additional data to support the recommendation. In response, a third phase of groundwater investigation was completed in 2007, which included the following additional work:

- March 2007: Completed temporary vertical profile well TMW-01 on the easternmost portion of the National Grid property.
- July 2007: Completed GP-08 through GP-10 and collected a stream sample along Glen Head Road and Kissam Lane, southeast of the National Grid property.
- November-December 2007: Completed GP-11 through GP-15 along Shore Road, further north and south of the probes completed in June 2006.

Table 3-1 provides a summary of the completed depth of each sample location, the number and depth of samples collected for laboratory analysis, the chemical analyses conducted on each sample, and any relevant observations, such as deviations from the original scope of work. The following sections describe each element of the scope of work.

\\Nt4\cadwork\1620-WDWG\1620-W-07C-250scale.dwg, FIG 1, 7/1/2008 1:51:14 PM, DBCadd

Dvirka and Bartilucci CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

NATIONAL GRID
GLENWOOD LANDING FORMER GAS PLANT SITE

SAMPLE LOCATION MAP

SCALE: 1" = 250'

FIGURE 3-1

TABLE 3-1

NATIONAL GRID
GLENWOOD LANDING FORMER GAS PLANT SITE
INVESTIGATION OF UPGRADIENT CONTAMINATION SOURCES

SUMMARY OF FIELD INVESTIGATION PROGRAM

Sample Point ID	Date Completed	Matrix	Total Depth of Sample Location (ft below grade)	Samples Selected for Analysis			Notes/Observations
				Number of Samples	Sample Depth(s) (ft below grade)	Sample Analysis	
Membrane Interface Probe Sampling							
MIP-01	3/17/2006	Groundwater	112	--	--	--	Geoprobe refusal at 112'.
MIP-02	6/6/2006	Groundwater	109	--	--	--	Geoprobe refusal at 109'.
MIP-03	6/7/2006	Groundwater	108	--	--	--	Geoprobe refusal at 108'.
MIP-04	6/8/2006	Groundwater	115	--	--	--	Geoprobe refusal at 115'.
MIP-05	6/9/2006	Groundwater	105	--	--	--	Geoprobe refusal at 105'.
Groundwater Probe Sampling							
GP-01	3/20/2006	Groundwater	120	4	42-46, 78-82, 94-98, 116-120	VOCs	Groundwater probe completed at MIP-01. Geoprobe refusal at 120'.
GP-02	3/21/2006	Groundwater	115	5	20-24, 46-50, 72-76, 96-100, 111-115	VOCs	Geoprobe refusal at 115'.
GP-03	6/13/2006	Groundwater	94	5	6-10, 24-28, 46-50, 66-70, 90-94	VOCs	Groundwater probe completed at MIP-02.
GP-04	6/14/2006	Groundwater	124	6	6-10, 24-28, 46-50, 70-74, 90-94, 120-124	VOCs	Groundwater probe completed at MIP-03.
GP-05	6/16/2006	Groundwater	132	6	4-8, 24-28, 54-58, 84-88, 110-114, 122-126	VOCs	Groundwater probe completed at MIP-04. Target depth for deepest groundwater sample was 134-138', however, Geoprobe encountered refusal at 132'. In addition, formation did not yield water until the 122-126' interval.
GP-06	6/13/2006	Groundwater	132	6	8-12, 24-28, 54-58, 90-94, 110-114, 128-132	VOCs	Groundwater probe completed at MIP-05. Target depth for deepest groundwater sample was 134-138', however, Geoprobe encountered refusal at 132'.
GP-07	6/16/2006	Groundwater	132	5	6-10, 24-28, 54-58, 84-88, 110-114	VOCs	Target depth for deepest groundwater sample was 134-138', however, Geoprobe encountered refusal at 132'. In addition, formation did not yield water until approximately 116', close to the planned second deepest interval at 110-114'. As a result, the deepest interval was not collected.

Note:
All groundwater samples analyzed for Volatile Organic Compounds by USEPA Method 8260.

TABLE 3-1 (continued)

NATIONAL GRID
GLENWOOD LANDING FORMER GAS PLANT SITE
INVESTIGATION OF UPGRADIENT CONTAMINATION SOURCES

SUMMARY OF FIELD INVESTIGATION PROGRAM

Sample Point ID	Date Completed	Matrix	Total Depth of Sample Location (ft below grade)	Samples Selected for Analysis			Notes/Observations
				Number of Samples	Sample Depth(s) (ft below grade)	Sample Analysis	
Groundwater Probe Sampling (continued)							
GP-08	7/23/2007	Groundwater	120	7	11-15, 31-35, 51-55, 71-75, 86-90, 101-105, 116-120	VOCs	Geoprobe refusal at 120'.
GP-09	7/24/2007	Groundwater	128	8	8-12, 20-24, 39-43, 59-63, 79-83, 94-98, 109-113, 124-128	VOCs	Geoprobe refusal at 128'.
GP-10	7/25/2007	Groundwater	128	7	20-24, 39-43, 59-63, 79-83, 94-98, 109-113, 124-128	VOCs	Geoprobe refusal at 128'.
GP-11	11/5/2007	Groundwater	124	7	6-10, 24-28, 54-58, 84-88, 96-100, 110-114, 120-124	VOCs	Geoprobe refusal at 124'.
GP-12	11/9/2007	Groundwater	124	7	8-12, 24-28, 54-58, 84-88, 96-100, 110-114, 120-124	VOCs	Geoprobe refusal at 124'.
GP-13	11/7/2007	Groundwater	120	7	8-12, 20-24, 50-54, 80-84, 92-96, 106-110, 116-120	VOCs	Geoprobe refusal at 120'. 8 to 12 foot sample exhibited a gasoline-like odor, a sheen and a high PID reading.
GP-14	12/4/2007	Groundwater	115	7	8-12, 21-25, 36-40, 51-55, 71-75, 91-95, 111-115	VOCs	Geoprobe refusal at 115'.
GP-15	12/3/2007	Groundwater	104	7	8-12, 26-30, 41-45, 56-60, 71-75, 86-90, 100-104	VOCs	Geoprobe refusal at 104'.
Temporary Vertical Profile Well Sampling							
TMW-01	3/15/2007	Groundwater	291	16	65-70, 76-81, 87-92, 98-103, 111-116, 123-128, 135-140, 145-150, 155-160, 175-180, 190-195, 210-215, 225-230, 235-240, 255-260, 270-275	VOCs	Boring terminated at 291' at Raritan Clay. Groundwater samples collected from intervals of coarser soil according to split spoons and gamma log.
Surface Water Sampling							
STREAM	7/25/2007	Surface Water	N/A	1	N/A	VOCs	Sample collected from stream located approximately 100 feet east of groundwater probe GP-09.

Note:
All samples analyzed for Volatile Organic Compounds by USEPA Method 8260.

3.1 Utility Clearance

Prior to undertaking any intrusive work, D&B directed the drilling contractor (Zebra Environmental or Aquifer Drilling and Testing) to request utility markouts through the Code 753/Dig Safe System, which identified utilities along public right-of-ways such as Shore Road, Glen Head Road and Kissam Lane. In addition, the upper 6 feet at each location, at a minimum, was cleared of utilities using a hand auger. Each workday began with a health and safety briefing with all personnel involved in the field work.

Sample locations GP-04/MIP-03 and GP-11 through GP-15 were completed on the west side of Shore Road due to an extensive network of underground utilities identified on the east side during utility clearance markout procedures. In addition, GP-12 had to be moved to the northernmost corner of the Area 1A Parcel due to multiple refusals encountered at 3.5 feet below grade along Shore Road.

3.2 Membrane Interface Probes

As per the scope of work, five MIPs were completed as part of the investigation, with MIP-01 completed during the first phase in March 2006 and MIP-02 through MIP-05 completed as part of the second phase in June 2006. Prior to undertaking the fieldwork, Zebra estimated that the MIPs could be advanced a minimum of 120 feet below grade. However, due to encountered subsurface conditions, the maximum depth achieved ranged from 105 to 115 feet bgs. The objective of the MIPs was to locate the approximate depth and relative concentration of the chlorinated VOC plume before the collection of actual groundwater samples.

The MIP technology has been successfully used by National Grid to detect the chlorinated VOC plume at the Area 1A Parcel during a 2003 subsurface investigation. The MIP, which is advanced into the subsurface using standard Geoprobe equipment, is a percussion-tolerant device that is connected through a “rob string-pot” to the various detectors at the surface using a comparted lead line. In addition to the soil conductivity (SC) detector, the system is equipped with the following detectors: (1) photoionization detector (PID); (2) flame-ionization

detector (FID); and (3) electron capture detector (ECD). The capabilities of each of these detectors are generally unique and provide an overall screening level "snapshot" of total organic chemical constituent concentrations (in microvolts [uV]) present in the subsurface as the probe is advanced. In particular, the PID is used for the detection of aromatic VOCs (such as benzene), the FID is used for the detection of straight-chain alkanes (such as methane), and the ECD detector is utilized for the detection of halogenated organics including chlorinated VOCs. The SC detector also provides real-time soil conductivity data in millisiemens/meter (ms/M) as the probe is advanced into the subsurface. All of the MIP/SC system detectors are housed in a Hewlett Packard 5890 Series II Gas Chromatograph cabinet that is mounted on a field-transportable platform.

The MIP logs, with graphs of the SC, PID, FID and ECD data by depth, are provided in Appendix A

3.3 Groundwater Probes

Groundwater probes GP-01 and GP-02 were completed east of Shore Road as part of the first phase of this investigation in March 2006. Groundwater probes GP-03 through GP-07 were completed as part of the second phase in June 2006. GP-03 was completed within the Area 1A Parcel west of Shore Road in order to obtain groundwater data that could be compared to the groundwater collected from this area in 2003. Groundwater probes GP-04 through GP-07 were completed along the Shore Road right-of-way or immediately to the east within the adjacent National Grid property. Based on the results of the MIPs, sample depths were chosen for the corresponding groundwater probes in those locations.

Groundwater probes GP-08 through GP-10 were completed southeast of the National Grid property along Glen Head Road and Kissam Lane in July 2007. GP-11 through GP-15 were completed along Shore Road in November and December 2007 and further north and south of the probes completed in June 2006 in order to delineate the width of the chlorinated VOC plume.

Groundwater samples were collected by driving probe rods to the designated sample depth and retracting 4 feet to expose a decontaminated stainless steel screen. Dedicated polyethylene tubing was inserted into the rod assembly. A peristaltic pump was utilized to purge groundwater from the screen and rod assembly. New tubing was used between each interval. The purge water was monitored in the field for the following parameters utilizing a calibrated multiple parameter water quality instrument: pH, conductivity, turbidity, dissolved oxygen, temperature and oxidation-reduction potential. After stabilization of these parameters, groundwater samples were collected for laboratory analysis of VOCs by USEPA Method 8260. No evidence of odors, sheens or the presence of free product was noted, with the exception of groundwater probe GP-13 where the water table sample collected from 8 to 12 feet exhibited a gasoline-like odor, a sheen and a high PID reading. GP-13 is located immediately downgradient of the Exxon-Mobil facility. Upon completion, each probe hole was grouted using a bentonite slurry.

While the maximum depth achieved for GP-01 and GP-02 during the first phase was 120 feet, subsurface conditions in the vicinity of Shore Road allowed some groundwater probes in that area to be advanced to depths of up to 132 feet below grade.

The completed total depths and sample intervals at each groundwater probe are summarized on Table 3-1. The maximum depth achieved for the groundwater probes was based on subsurface conditions and ranged from 94 feet at GP-03 to 132 feet at GP-06. The depth intervals of the samples which were successfully collected largely correspond to the intervals chosen based on the MIP results or data available at the time from previously completed probes. As indicated on Table 3-1, 4 to 8 samples were collected from each groundwater probe. Note that, during the completion of GP-09, a surface water sample (STREAM) was collected from a stream observed at the corner of Kissam Lane and Glen Head Road and analyzed for VOCs. All sampling results are provided on Table 1 (2006 data) and Table 2 (2007 data) in Appendix B.

3.4 Temporary Vertical Profile Well

Temporary vertical profile well TMW-01 was completed on the easternmost portion of the National Grid property in March 2007, at an elevation of approximately 85 feet msl. The well consisted of a soil boring completed by the hollow stem auger (HSA) drilling method. Split spoon samples were collected at approximately 10-foot intervals to determine stratigraphy. The boring was terminated at a depth of 291 feet when it was determined that a substantial confining unit had been encountered, assumed to be the Raritan Clay. A boring log is provided in Appendix C

After completing the boring, the drilling contractor (ADT) completed downhole gamma logging to provide additional information on stratigraphy. The gamma log is provided in Appendix D. After completing the downhole logging, a temporary well was placed into the borehole so that groundwater samples could be collected at various intervals starting at the bottom of the borehole and working up to shallower intervals. The temporary well consisted of a 2-inch diameter, 5-foot length of stainless steel well screen connected to 2-inch diameter steel riser pipe.

Sample intervals were selected based on the stratigraphic information and were located in zones of coarser material that may serve as preferential flow paths for a contaminant plume. Based on the stratigraphy, a boring depth of 291 feet and the water table located at a depth of 65 feet, a total of 16 samples were collected for VOC analysis as indicated on Table 3-1.

Groundwater samples were collected sequentially with decreasing depth. After placement of the well screen at the proper interval, the temporary well was purged using a submersible pump at between 2 and 4 gallons per minute (gpm). The purge water was monitored in the field for the following parameters utilizing a calibrated multiple parameter water quality instrument: pH, conductivity, turbidity, dissolved oxygen, temperature and oxidation-reduction potential. After stabilization of these parameters, groundwater samples were collected for laboratory analysis at a reduced flow of approximately 0.25 gpm. After successful collection of each sample, the pump and associated tubing was removed and decontaminated. The temporary well

was then pulled back by ADT to the next sample interval and the sampling process repeated. After collecting all samples, the temporary well was removed and the borehole was abandoned using bentonite slurry. All sampling results are provided on Table 2 in Appendix B.

3.5 Data Usability

2006 Samples

As part of the first phase of the investigation, nine groundwater samples were collected from GP-01 and GP-02. The samples were analyzed for Target Compound List (TCL) VOCs. Sample analysis of the first phase samples was performed by ChemTech Corporation in accordance with USEPA SW-846 Method 8260b. The data package submitted by ChemTech has been reviewed for completeness and compliance with analytical methods and NYSDEC Analytical Services Protocol (ASP) Quality Assurance/Quality Control (QA/QC) requirements. The findings of the review process are summarized below.

The samples were collected on March 20, 2006 and March 21, 2006 with a validated time of sample receipt (VTSR) at the laboratory of March 22, 2006. The samples were initially analyzed within the holding time on April 2, 2006. However, the instrument was contaminated with acetone and tetrachloroethene from a sample from another of the laboratory's clients. The samples were re-analyzed on April 13, 2006, which was 9 days outside of the allowable 14-day holding time.

In order to determine which set of data was most representative of site conditions, the results from the initial analysis and the re-analysis were compared. It was determined that the results were comparable once the contamination was accounted for. In order to account for the contamination, the results for the method blanks analyzed on April 2, 2006 were reviewed. Both blanks analyzed on April 2, 2006 contained acetone, at concentrations of 11 ug/l and 13 ug/l (average of 12 ug/l), and tetrachloroethene, at concentrations of 8.9 ug/l and 5.7 ug/l (average of 7 ug/l).

In order to best evaluate the data based on what was actually at the site and not what was present in the laboratory due to contamination, acetone concentrations less than 12 ug/l have been qualified as non-detect and have been qualified as U* on the data summary tables. Tetrachloroethene concentrations have been adjusted by subtracting out the average concentration of 7 ug/l detected in blanks. Overall the data from the re-analysis was comparable to that of the initial analysis with the exception of groundwater sample GP-01 (94 to 98 feet). In the initial analysis the adjusted concentration of tetrachloroethene was 4 ug/l; however, no tetrachloroethene was detected in the re-analysis and, therefore, the data has been qualified as estimated.

As part of the second phase of the investigation, 28 water samples were collected on June 12, 2006, through June 16, 2006, from 5 additional probe locations at the site. The samples were analyzed for TCL VOCs. Sample analysis was performed by H2M Laboratories in accordance with USEPA SW-846 Method 8260b. The data packages submitted by H2M have been reviewed for completeness and compliance with analytical methods and NYSDEC ASP QA/QC requirements. The findings of the review process are summarized below.

All samples were analyzed within the method specified holding times. All QC requirements (i.e., calibrations, tunes, blanks, surrogate recoveries, matrix spike and matrix spike duplicate recoveries) were within QC limits.

Five samples required reanalysis at a secondary dilution due to compound concentrations exceeding the instrument calibration range in the original, undiluted analysis. The results for the affected compounds have been taken from the diluted analysis and have been flagged “D” on the data summary tables.

No problems were found with the data and therefore all results have been deemed valid and useable for environmental assessment purposes.

2007 Samples

Seventy-four water samples were collected from 8 groundwater probes, one temporary vertical profile well and one stream during sampling events conducted from March 9, 2007 through December 4, 2007. The samples were analyzed for TCL VOCs. Sample analysis was performed by Environmental Testing Laboratories (ETL) in accordance with USEPA SW-846 Method 8260b. The data packages submitted by ETL have been reviewed for completeness and compliance with analytical methods and NYSDEC ASP QA/QC requirements. The findings of the review process are summarized below.

All samples were analyzed within the method specified holding times. All QC requirements (i.e., calibrations, tunes, blanks, surrogate recoveries, matrix spike and matrix spike duplicate recoveries) were within QC limits.

Fourteen samples required reanalysis at a secondary dilution due to compound concentrations (primarily tetrachloroethene) exceeding the instrument calibration range in the original, undiluted analysis. The results for the affected compounds have been taken from the diluted analysis and have been included on the data summary tables.

Sample GP-13 (8 to 12 feet) was analyzed at a dilution due to a petroleum odor. Target compounds were not detected at elevated concentrations that would indicate petroleum impacts to groundwater.

No problems were found with the data and therefore all results have been deemed valid and useable for environmental assessment purposes.

4.0 INVESTIGATION FINDINGS

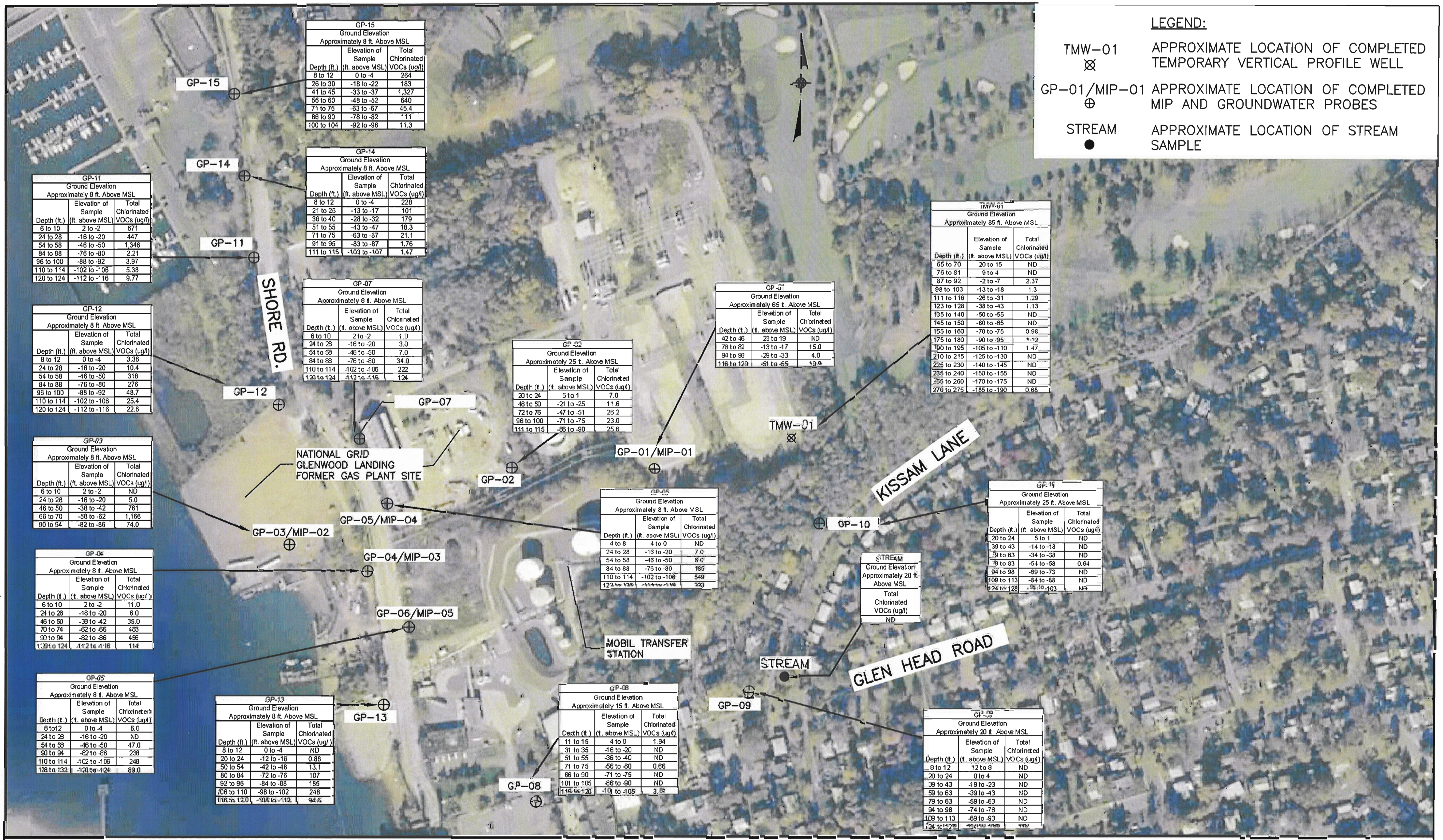
This section provides a discussion of the MIP, groundwater probe, temporary vertical profile well and surface water sampling results. As discussed in Section 1.2, the objective of this investigation was to collect sufficient environmental data to confirm that the chlorinated VOCs affecting groundwater quality on the Glenwood Landing Former Gas Plant Site are originating from an upgradient source. As detailed in Section 2.6, there are a minimum of 5 properties located approximately 1 mile upgradient of the National Grid property that are known to be contaminated with chlorinated VOCs. The NYSDEC collectively refers to the groundwater contamination associated with many of these properties as the Glen Head groundwater plume.

All samples were analyzed for VOCs by USEPA Method 8260, with the results summarized in Appendix B on Table 1 for data collected in 2006 (groundwater probes GP-01 through GP-07) and Table 2 for data collected in 2007 (groundwater probes GP-08 through GP-15, temporary vertical profile well TMW-01 and the one surface water/stream sample). For comparison, Tables 1 and 2 include the guidance values for each VOC presented in the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1. Figure 4-1 summarizes the total chlorinated VOC concentration for each sample collected. Note that Figure 4-1 also includes the elevation of each sample location in mean sea level (msl) and, based on the sample location elevation, the elevation of each collected groundwater sample.

Available chemical and geological data is summarized on two cross-sections provided as Figures 4-2 and 4-3. Figure 4-2 presents a north-south cross-section along Shore Road while Figure 4-3 presents a north-south cross section through the upland areas east and upgradient of Shore Road. A key map is provided as Figure 4-4.

4.1 Membrane Interface Probes

As indicated in Table 3-1, a total of five MIPs were completed to total depths of between 105 and 115 feet below grade. The locations of the five MIPs are depicted on Figure 3-1. As



GP-15
Ground Elevation Approximately 8 ft. Above MSL

Depth (ft.)	Elevation of Sample (ft. above MSL)	Total Chlorinated VOCs (ug/l)
8 to 12	0 to -4	264
26 to 30	-18 to -22	183
41 to 45	-33 to -37	1,327
56 to 60	-48 to -52	640
71 to 75	-63 to -67	45.4
86 to 90	-78 to -82	111
100 to 104	-92 to -96	11.3

GP-14
Ground Elevation Approximately 8 ft. Above MSL

Depth (ft.)	Elevation of Sample (ft. above MSL)	Total Chlorinated VOCs (ug/l)
8 to 12	0 to -4	228
21 to 25	-13 to -17	101
36 to 40	-28 to -32	179
51 to 55	-43 to -47	18.3
71 to 75	-63 to -67	21.1
91 to 95	-83 to -87	1.76
111 to 115	-103 to -107	1.47

GP-11
Ground Elevation Approximately 8 ft. Above MSL

Depth (ft.)	Elevation of Sample (ft. above MSL)	Total Chlorinated VOCs (ug/l)
6 to 10	2 to -2	671
24 to 28	-16 to -20	447
54 to 58	-46 to -50	1,346
84 to 88	-76 to -80	2.21
96 to 100	-88 to -92	3.97
110 to 114	-102 to -106	5.38
120 to 124	-112 to -116	9.77

GP-12
Ground Elevation Approximately 8 ft. Above MSL

Depth (ft.)	Elevation of Sample (ft. above MSL)	Total Chlorinated VOCs (ug/l)
8 to 12	0 to -4	3.36
24 to 28	-16 to -20	10.4
54 to 58	-46 to -50	318
84 to 88	-76 to -80	276
96 to 100	-88 to -92	48.7
110 to 114	-102 to -106	25.4
120 to 124	-112 to -116	22.6

GP-07
Ground Elevation Approximately 8 ft. Above MSL

Depth (ft.)	Elevation of Sample (ft. above MSL)	Total Chlorinated VOCs (ug/l)
6 to 10	2 to -2	1.0
24 to 28	-16 to -20	3.0
54 to 58	-46 to -50	7.0
84 to 88	-76 to -80	34.0
110 to 114	-102 to -106	222
120 to 124	-112 to -116	124

GP-02
Ground Elevation Approximately 25 ft. Above MSL

Depth (ft.)	Elevation of Sample (ft. above MSL)	Total Chlorinated VOCs (ug/l)
20 to 24	5 to 1	7.0
46 to 50	-21 to -25	11.6
72 to 76	-47 to -51	26.2
96 to 100	-71 to -75	23.0
111 to 115	-86 to -90	25.6

GP-01
Ground Elevation Approximately 65 ft. Above MSL

Depth (ft.)	Elevation of Sample (ft. above MSL)	Total Chlorinated VOCs (ug/l)
42 to 46	23 to 19	ND
78 to 82	-13 to -17	15.0
94 to 98	-29 to -33	4.0
116 to 120	-51 to -55	10.9

TMW-01
Ground Elevation Approximately 85 ft. Above MSL

Depth (ft.)	Elevation of Sample (ft. above MSL)	Total Chlorinated VOCs (ug/l)
65 to 70	20 to 15	ND
76 to 81	9 to 4	ND
87 to 92	-2 to -7	2.37
98 to 103	-13 to -18	1.3
111 to 116	-26 to -31	1.29
123 to 128	-38 to -43	1.13
135 to 140	-50 to -55	ND
145 to 150	-60 to -65	ND
155 to 160	-70 to -75	0.98
175 to 180	-90 to -95	1.12
190 to 195	-105 to -110	1.47
210 to 215	-125 to -130	ND
225 to 230	-140 to -145	ND
235 to 240	-150 to -155	ND
255 to 260	-170 to -175	ND
270 to 275	-185 to -190	0.68

GP-03
Ground Elevation Approximately 8 ft. Above MSL

Depth (ft.)	Elevation of Sample (ft. above MSL)	Total Chlorinated VOCs (ug/l)
6 to 10	2 to -2	ND
24 to 28	-16 to -20	5.0
46 to 50	-38 to -42	761
66 to 70	-58 to -62	1,166
90 to 94	-82 to -86	74.0

GP-05
Ground Elevation Approximately 8 ft. Above MSL

Depth (ft.)	Elevation of Sample (ft. above MSL)	Total Chlorinated VOCs (ug/l)
4 to 8	4 to 0	ND
24 to 28	-16 to -20	7.0
54 to 58	-46 to -50	6.0
84 to 88	-76 to -80	185
110 to 114	-102 to -106	549
122 to 126	-114 to -118	223

GP-10
Ground Elevation Approximately 25 ft. Above MSL

Depth (ft.)	Elevation of Sample (ft. above MSL)	Total Chlorinated VOCs (ug/l)
20 to 24	5 to 1	ND
39 to 43	-14 to -18	ND
59 to 63	-34 to -38	ND
79 to 83	-54 to -58	0.64
94 to 98	-69 to -73	ND
109 to 113	-84 to -88	ND
124 to 128	-99 to -103	ND

GP-04
Ground Elevation Approximately 8 ft. Above MSL

Depth (ft.)	Elevation of Sample (ft. above MSL)	Total Chlorinated VOCs (ug/l)
6 to 10	2 to -2	11.0
24 to 28	-16 to -20	6.0
46 to 50	-38 to -42	35.0
70 to 74	-62 to -66	483
90 to 94	-82 to -86	456
120 to 124	-112 to -116	114

STREAM
Ground Elevation Approximately 20 ft. Above MSL

Total Chlorinated VOCs (ug/l)
ND

GP-06
Ground Elevation Approximately 8 ft. Above MSL

Depth (ft.)	Elevation of Sample (ft. above MSL)	Total Chlorinated VOCs (ug/l)
8 to12	0 to -4	6.0
24 to 28	-16 to -20	ND
54 to 58	-46 to -50	47.0
90 to 94	-82 to -86	238
110 to 114	-102 to -106	248
128 to 132	-120 to -124	89.0

GP-13
Ground Elevation Approximately 8 ft. Above MSL

Depth (ft.)	Elevation of Sample (ft. above MSL)	Total Chlorinated VOCs (ug/l)
8 to 12	0 to -4	ND
20 to 24	-12 to -16	0.88
50 to 54	-42 to -46	13.1
80 to 84	-72 to -76	107
92 to 96	-84 to -88	185
106 to 110	-98 to -102	248
116 to 120	-108 to -112	94.6

GP-08
Ground Elevation Approximately 15 ft. Above MSL

Depth (ft.)	Elevation of Sample (ft. above MSL)	Total Chlorinated VOCs (ug/l)
11 to 15	4 to 0	1.84
31 to 35	-16 to -20	ND
51 to 55	-36 to -40	ND
71 to 75	-56 to -60	0.66
86 to 90	-71 to -75	ND
101 to 105	-86 to -90	ND
116 to 120	-101 to -105	3.87

GP-09
Ground Elevation Approximately 20 ft. Above MSL

Depth (ft.)	Elevation of Sample (ft. above MSL)	Total Chlorinated VOCs (ug/l)
8 to 12	12 to 8	ND
20 to 24	0 to 4	ND
39 to 43	-19 to -23	ND
59 to 63	-39 to -43	ND
79 to 83	-59 to -63	ND
94 to 98	-74 to -78	ND
109 to 113	-89 to -93	ND
124 to 128	-104 to -108	ND

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NATIONAL GRID
GLENWOOD LANDING FORMER GAS PLANT SITE

SUMMARY OF TOTAL CHLORINATED VOC CONCENTRATIONS

SCALE: 1" = 250'

FIGURE 4-1

F:\1620-WDWG\TEST.dwg, FIG 2, 7/1/2008 10:16:32 AM, DBCadd

NORTH SOUTH

EAST - NORTH SHORE COUNTRY CLUB
WEST - PARK AND MARINA

GLENWOOD LANDING
FORMER GAS PLANT SITE

GLEN HEAD
ROAD

NYSDEC 2006 SPRING SAMPLE: LOCATED APPROX. 1,000 FEET NORTH OF GP-15, TOTAL CHLORINATED VOC CONCENTRATION OF 133.4 ug/l.*

GP-15 GP-14 GP-11 GP-12 GP-07 GP-05 GP-04 GP-06 GP-13 GP-08 N-8937 N-8898 N-2424

GROUND SURFACE

WATER TABLE

WATER TABLE

GP-15	GP-14	GP-11	GP-12	GP-07	GP-05	GP-04	GP-06	GP-13	GP-08
264	228	671	3.36	1.0	ND	11.0	6.0	ND	1.84
183	101	447	10.4	3.0	7.0	6.0	ND	0.88	ND
1,327	179					35.0			ND
640	18.3	1,346	318	7.0	6.0		47.0	13.1	
45.4	21.1					483			0.66
111		2.21	276	34.0	185			107	ND
11.3	1.76	3.97	48.7			456	238	185	
	1.47	5.38	25.4	222	549			248	ND
		9.77	22.6	124	223	114	248	94.6	3.87
							89.0		

CLAY

GLACIAL DEPOSITS

CLAYEY SAND

GLACIAL DEPOSITS

MOSTLY SAND/ GRAVEL

SAND, LITTLE CLAY

MAGOTHY AQUIFER

FINE GRAY SAND/ CLAY LENSES

SANDY CLAY, CLAY, CLAYEY SAND

RARITAN CLAY CONFINING UNIT

TO 461' DEPTH

ELEVATION IN FEET MSL

100 80 60 40 20 0 −20 −40 −60 −80 −100 −120 −140 −160 −180 −200 −220

LEGEND

1,346 ■ GROUNDWATER PROBE INTERVAL WITH TOTAL CHLORINATED VOC CONCENTRATION (ug/l)

*** SOURCE OF SURFACE WATER SAMPLE DATA IS NYSDEC REPORT "SITE CHARACTERIZATION REPORT, GLEN HEAD GROUNDWATER PLUME", DATED FEBRUARY 2007. SAMPLES WERE COLLECTED BY ERM FOR THE NYSDEC.**

VERTICAL SCALE: 1"=50'
HORIZONTAL SCALE: 1"=300'

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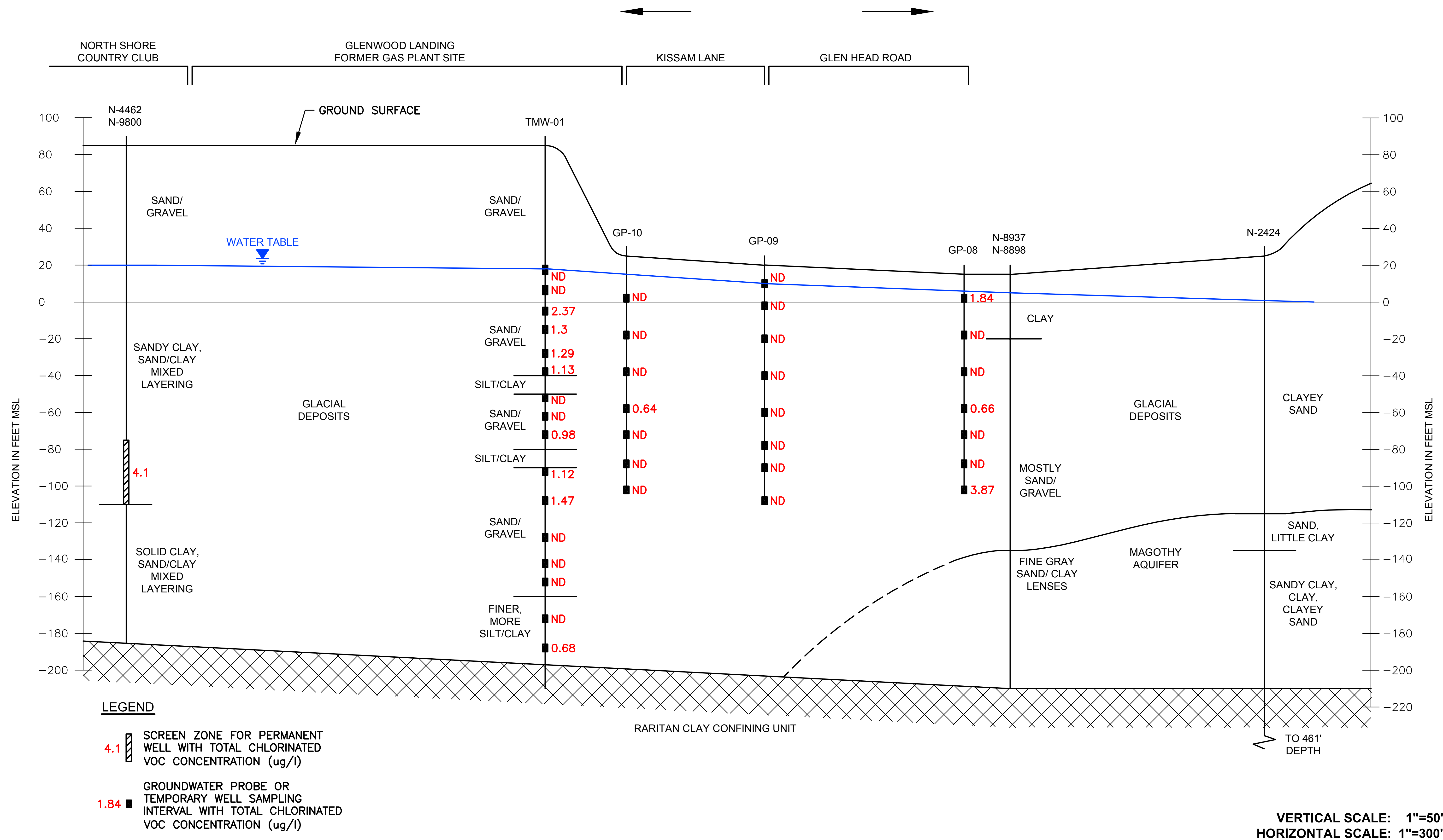
NATIONAL GRID
GLENWOOD LANDING FORMER GAS PLANT SITE

NORTH-SOUTH CROSS-SECTION 'A' (SHORE ROAD)

FIGURE 4-2



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NATIONAL GRID
GLENWOOD LANDING FORMER GAS PLANT SITE

NORTH-SOUTH CROSS-SECTION 'B'

FIGURE 4-3

\\Nt4\cadwork\1620-WDWG\1620-W-FIG-5-1.dwg, FIG (11x17), 7/1/2008 12:02:29 PM, DBCadd

LEGEND:

TMW–01 ⊠	APPROXIMATE LOCATION OF COMPLETED TEMPORARY VERTICAL PROFILE WELL
GP–01/MIP–01 ⊕	APPROXIMATE LOCATION OF COMPLETED MIP AND GROUNDWATER PROBES
STREAM ●	APPROXIMATE LOCATION OF STREAM SAMPLE

GP–15
GP–14
GP–11
SHORE RD.
CROSS SECTION 'A'
GP–12
GP–07
NATIONAL GRID
GLENWOOD LANDING
FORMER GAS PLANT SITE
GP–02
GP–01/MIP–01
TMW–01
CROSS SECTION 'B'
KISSAM LANE
GP–10
GP–05/MIP–04
GP–03/MIP–02
GP–04/MIP–03
GP–06/MIP–05
MOBIL TRANSFER
STATION
STREAM
GLEN HEAD ROAD
GP–09
GP–13
GP–08

\N\4\cadwork\1620-WDWG\1620-W-07C-250scale.dwg, FIG 5, 7/1/2008 1:51:47 PM, DBCadd

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NATIONAL GRID
GLENWOOD LANDING FORMER GAS PLANT SITE

SCALE: 1" = 250'

KEYMAP FOR CROSS SECTIONS 'A' AND 'B'

FIGURE 4-4

discussed in Section 3.2, the MIPs are equipped with four detectors including a PID, FID, ECD and SC detector. The PID, or photoionization detector, is used for the detection of aromatic VOCs (such as BTEX). The FID, or flame-ionization detector, is used for the detection of straight-chain alkanes (such as methane), and the ECD, or electron capture detector, is utilized for the detection of halogenated organics, including chlorinated VOCs. The SC detector provides real-time soil conductivity data, with elevated conductivities generally indicating fine-grained soil, such as silt. As discussed in Section 3.3, the MIP data was used to select the groundwater sample intervals during the groundwater probe phase of the investigation. The ECD data was of primary interest during the completion of the MIP phase, given the objective of this investigation was to identify the chlorinated VOCs from upgradient sources that are impacting groundwater at the National Grid property. The MIP logs, with graphs of the SC, PID, FID and ECD data by depth, are provided in Appendix A. The following are key findings regarding the five completed MIPs.

MIP-01

MIP-01 was completed during the first phase of the program east of Shore Road at an elevation of approximately 65 feet msl. As indicated on the MIP logs in Appendix A, a narrow zone of elevated ECD readings was detected at approximately 76 to 82 feet bg, which was indicative of a chlorinated VOC plume. The maximum ECD readings did not exceed 120 millivolts (mV) at MIP-01, well below the maximum ECD readings detected at MIP-02 through MIP-05 completed further downgradient in the vicinity of Shore Road. Note that, as detailed below, MIP-02 through MIP-05 exhibited significantly greater ECD readings, with maximum levels approaching 1,000 mV with consistently high ECD readings extending over a vertical thickness of up to 35 feet. As discussed in Section 4.2, the corresponding groundwater VOC data are consistent with these findings, with significantly higher chlorinated VOC concentrations detected in the vicinity of MIP-02 through MIP-05 as compared to MIP-01.

MIP-01 exhibited elevated readings on the PID and FID throughout the water column, with a maximum reading at the water table at a depth of approximately 40 bg, indicating the possible presence of aromatic VOCs such as BTEX. As discussed in Section 4.2, BTEX

compounds were detected in groundwater samples collected at this depth at GP-01 and are likely related to previously documented petroleum contamination in this area associated with the adjacent Mobil Oil Terminal (see NYSDEC letter provided in Appendix E). Note that, although the other four MIPs occasionally exhibited positive readings on the PID and FID, the maximum readings were of an order of magnitude or less than those detected at MIP-01. Accordingly, BTEX compounds were not detected in groundwater in the vicinity of MIP-02 through MIP-05, with the exception of ethylbenzene and xylene detected at concentrations of less than 10 ug/l at GP-07.

The SC probe at MIP-01 indicates a possible silt or clay rich zone from approximately 50 to 90 feet bg. A second, deeper silt/clay-rich zone was encountered at 100 feet below grade and extends at least to 112 feet where the MIP was terminated due to refusal.

MIP-02

MIP-02, and associated groundwater probe GP-03, was completed on the Area 1A Parcel west of Shore Road, in an area where chlorinated VOCs had been documented in groundwater during previous investigations. As indicated on the MIP logs in Appendix A, an extensive zone of elevated ECD readings was detected from approximately 38 to 72 feet below grade (bg). MIP-02 exhibited minimal PID and FID readings, with a small peak observed at approximately 100 feet bg. However, the magnitude of these readings was on the order of one-tenth the magnitude observed at MIP-01. As discussed in Section 4.2, the corresponding groundwater VOC data are consistent with the findings of MIP-02.

The SC probe at MIP-02 indicates a possible transition to a more silt or clay-rich material below approximately 40 feet bg to the base of the MIP at 109 feet.

MIP-03

MIP-03, and associated groundwater probe GP-04, was completed on the west side of Shore Road, south of the National Grid property. As indicated on the MIP logs in Appendix A,

an extensive zone of elevated ECD readings was detected below a depth of 65 feet with a peak observed from approximately 82 to 100 feet bg. MIP-03 exhibited minimal PID and FID readings. As discussed in Section 4.2, the corresponding groundwater VOC data are consistent with the findings of MIP-03.

The SC probe at MIP-03 indicates a possible transition to a silt or clay-rich material below approximately 50 feet bg to the termination depth of the MIP at 108 feet. Note that, based on the SC data, lenses of fine-grained material are located at 4 feet, 20 feet and 42 feet bg.

MIP-04

MIP-04, and associated groundwater probe GP-05, was completed on National Grid property immediately east of Shore Road and upgradient of the Area 1A Parcel. As indicated on the MIP logs in Appendix A, an extensive zone of elevated ECD readings was detected below a depth of 80 feet with a peak observed from approximately 95 feet to the termination depth of the MIP at 115 feet bg. MIP-04 exhibited minimal PID and FID readings. As discussed in Section 4.2, the corresponding groundwater VOC data are consistent with the findings of MIP-04.

Note that a 50-foot deep soil boring was completed by D&B at the location of MIP-04/GP-05 in order to correlate the SC probe data to actual geologic observations. The boring log is provided in Appendix C. As indicated on the boring log for GP-05, the Upper Glacial aquifer at this location was observed to consist primarily of fine-medium sand with occasionally some gravel. The SC probe at MIP-04 is consistent with these observations, with little evidence of elevated readings, indicating no significant zones of silt or clay to the base of the MIP. Note that the graph seems to indicate zones of elevated SC readings. However, the scale of the graph only covers a small range of values compared to the graphs on the logs for MIP-01 through MIP-03.

MIP-05

MIP-05, and associated groundwater probe GP-06, was completed on the east side of Shore Road, south and approximately 300 feet sidegradient of the National Grid property. As indicated on the MIP logs in Appendix A, an extensive zone of elevated ECD readings was detected below a depth of 88 feet to the base of the MIP at 105 feet bg. MIP-05 exhibited a number of short-duration peaks in the PID and FID data, including at depths of approximately 50 feet, 68 feet and 92 feet bg. Note, however, that the magnitude of these PID readings was on the order of one-tenth the magnitude observed at MIP-01. The magnitude of the FID readings was on the order of one-third the readings at MIP-01. As discussed in Section 4.2, the corresponding groundwater VOC data are consistent with the findings of MIP-05.

The SC probe at MIP-05 exhibited little evidence of elevated readings, indicating no significant zones of silt or clay to the base of the MIP. As with MIP-04, the graph seems to indicate zones of elevated SC readings. However, the scale of the graph only covers a small range of values compared to the graphs on the logs for MIP-01 through MIP-03.

4.2 Groundwater Probes

A total of 15 groundwater probes were completed as part of this investigation with between four and eight groundwater samples collected for chemical analysis at each probe location. As discussed in Section 3.3, the sample intervals for each groundwater probe were selected based on the results of the MIPs or groundwater analytical data available at the time from previously completed probes. The following is a brief discussion of the chemical data associated with each groundwater probe.

Groundwater Probes GP-01 and GP-02

As shown on Figure 4-1, GP-01 and GP-02 were completed east of Shore Road within the National Grid property at elevations of 65 and 25 feet, respectively. As shown in Table 1 provided in Appendix B, chlorinated VOCs were the predominant compounds detected in the

groundwater samples collected from GP-01 and GP-02, with a maximum total chlorinated VOC concentration of 15 ug/l detected in GP-01 (78 to 82 feet) and 26.2 ug/l detected in GP-02 (72 to 76 feet). In general, chlorinated VOCs were detected more frequently and at higher concentrations in GP-02. All chlorinated VOCs detected in the Glen Head groundwater plume were also detected at GP-01 and GP-02, with the exception of TCE. In addition, the general distribution of the chlorinated VOCs was similar. PCE and, to a lesser degree, the breakdown product 1,2-DCE, were the predominant chlorinated VOCs detected in the two groundwater probes. The data from GP-01 and GP-02 suggests that, while at relatively low concentrations, the chlorinated VOCs detected in the groundwater samples are likely associated with the Glen Head groundwater plume or other upgradient source. Additional discussions on the likely fate and transport of the Glen Head groundwater plume are presented in Section 4.5.

Although the VOC compounds detected in the groundwater probe samples were primarily chlorinated VOCs as described above, sample GP-01 (42 to 46 feet) was an exception. This water table sample exhibited a total VOC concentration of 243 ug/l, with the VOCs being composed primarily of BTEX compounds. Chlorinated VOCs were not detected in this sample. Note that GP-01 was completed in the same area where National Grid previously completed a subsurface investigation that identified the presence of petroleum-related contamination associated with the adjacent Mobil Oil Terminal. National Grid (as KeySpan) submitted an investigation report dated February 1999 by Fenley and Nicol Environmental, Inc. to the NYSDEC Region 1 Office, documenting this off-site contamination. Please refer to Appendix E, which includes NYSDEC and National Grid (as KeySpan) correspondence that closed out this issue. In addition, MTBE was detected in the three deepest samples collected from GP-02, with a maximum concentration of 5.3 ug/l detected at 96 to 100 feet.

Groundwater Probes GP-03 and GP-12

As shown on Figure 4-1, GP-03 was completed within the southern portion of the Area 1A Parcel, where previous investigations identified the highest chlorinated VOC concentrations in on-site groundwater. Groundwater probe GP-12 was completed within the northernmost corner of the Area 1A Parcel. As shown in Table 1 provided in Appendix B,

elevated concentrations of chlorinated VOCs were detected in both groundwater probes. Similar to previous investigations, the highest chlorinated VOC concentrations were observed at intermediate depths between 46 and 94 feet below grade, with the maximum total chlorinated VOC concentration of 1,166 ug/l detected in groundwater sample GP-03 (66 to 70 feet). The maximum total chlorinated VOC concentration at GP-12 of 318 ug/l was detected in the sample collected from 54 to 58 feet.

Consistent with previous investigations completed at the Area 1A Parcel and the composition of the Glen Head groundwater plume, the most frequently detected VOCs in groundwater at GP-03 and GP-12 included PCE, TCE, and 1,2-DCE.

Groundwater Probes GP-04 through GP-07 and GP-13

As shown on Figure 4-1, GP-04 through GP-07 and GP-13 were completed along Shore Road on or south of the National Grid property. While similar to the vertical distribution and chemical composition observed at GP-03, the chlorinated VOC plume appears to be deeper at these locations, with elevated chlorinated VOC concentrations observed at depths greater than 70 feet at all five locations. In most locations, the maximum concentration of total chlorinated VOCs was observed at depths greater than 100 feet ranging from 222 ug/l at GP-07 (110 to 114 feet) to 549 ug/l at GP-05 (110 to 114 feet). Groundwater probe GP-05 was completed directly upgradient of the Area 1A Parcel on the east side of Shore Road. Samples collected shallower than 46 feet at these groundwater probes generally exhibited trace concentrations of total chlorinated VOCs of less than 10 ug/l.

Groundwater probe GP-13 was completed approximately 500 feet south and side gradient of the National Grid property and directly downgradient of the Mobil Oil Terminal. Although the VOC compounds detected in the groundwater probe samples were primarily chlorinated VOCs as described above, sample GP-13 (8 to 12 feet) was an exception. This water table sample exhibited a total VOC concentration of 916 ug/l, with the VOCs being composed primarily of BTEX compounds and MTBE. Chlorinated VOCs were not detected in this sample. In addition, the water exhibited a gasoline-like odor, a sheen and a high PID reading. The elevated VOC

concentrations in this sample are likely related to the petroleum contamination associated with the Mobil Oil Terminal, as mentioned previously under the discussion for groundwater probes GP-01 and GP-02.

Groundwater Probes GP-08 through GP-10

Groundwater probes GP-08 through GP-10 were completed southeast of the National Grid property along Glen Head Road and Kissam Lane. Chlorinated VOCs were detected at trace levels in these probes, with a maximum total chlorinated VOC concentration of 3.87 ug/l detected in GP-08 (116 to 120 feet). Chlorinated VOCs were not detected at any interval in GP-09. In addition, the surface water sample collected from a small stream immediately east of GP-09 exhibited non-detectable concentrations of chlorinated VOCs. The data suggests that, while at relatively low concentrations, the chlorinated VOCs detected in the groundwater samples are likely associated with the Glen Head groundwater plume or other upgradient source. Additional discussions on the likely fate and transport of the Glen Head groundwater plume are presented in Section 4.5.

Groundwater probe GP-08 exhibited detectable concentrations of VOCs in 6 of the 7 sample intervals, with a maximum total VOC concentration of 1,006 ug/l detected in the water table sample collected from 11 to 15 feet. The VOCs in this sample are composed primarily of BTEX compounds. The elevated VOC concentrations detected at GP-08 are likely related to the petroleum contamination associated with the adjacent Mobil Oil Terminal, as mentioned previously under the discussion for groundwater probes GP-01 and GP-02.

Groundwater Probes GP-11, GP-14 and GP-15

Groundwater probes GP-11, GP-14 and GP-15 were completed on the west side of Shore Road north and side gradient of the National Grid property. GP-15 was the northernmost groundwater probe completed during the investigation, being approximately 1,000 feet to the north. Significant chlorinated VOC contamination was observed in all three probes. Unlike groundwater probes completed on or south of the National Grid property along Shore Road, the

highest chlorinated VOC concentrations at GP-11, GP-14 and GP-15 were observed in samples collected from depths shallower than 60 feet below grade, indicating the chlorinated VOC plume to be shallower in this area. For example, the two highest total chlorinated VOC concentrations of 1,346 ug/l and 1,327 ug/l were detected in GP-11 (54 to 58 feet) and GP-15 (41 to 45 feet), respectively. In addition, the water table samples exhibited elevated total chlorinated VOC concentrations at all three probes, with a maximum of 671 ug/l at GP-11 (6 to 10 feet).

4.3 Temporary Vertical Profile Well

Temporary vertical profile well TMW-01 was completed to a depth of 291 feet on the easternmost portion of the National Grid property, at an elevation of approximately 85 feet msl. After completing the boring, downhole gamma logging was performed to provide additional information on stratigraphy. A boring log is provided in Appendix C. The gamma log is provided in Appendix D. Based on split spoon sampling and the gamma logging, coarser materials including sands and gravels are predominant to a depth of approximately 245 feet, where the formation becomes increasingly finer. Two layers of finer material, each approximately 10 feet thick, are present at depths of approximately 125 feet and 165 feet. The boring was terminated at a depth of 291 feet when it was determined that a substantial confining unit had been encountered, assumed to be the Raritan Clay.

As indicated on Figure 4-1, chlorinated VOCs were detected at trace concentrations in 8 of the 16 samples, with a maximum total chlorinated VOC concentration of 2.37 ug/l detected in the 87 to 92 foot sample. The data suggests that, while at relatively low concentrations, the chlorinated VOCs detected in the groundwater samples are likely associated with the Glen Head groundwater plume or other upgradient source. Additional discussions on the likely fate and transport of the Glen Head groundwater plume are presented in Section 4.5.

4.4 Comparison of Investigation Data with the Glen Head Groundwater Plume

The results of this investigation have confirmed the presence of chlorinated VOCs throughout a broad area along Shore Road, including areas far reaching to the north and south

(side gradient) of the National Grid property. As shown in Table 4-1, all chlorinated VOCs detected in this area have also been detected at the TransTechnology site and in the Glen Head groundwater plume. PCE is the most predominant chlorinated VOC detected at all three locations, though the PCE concentrations detected along Shore Road and at the National Grid property are significantly less than those detected at the upgradient locations. This can be attributed to the fact that the upgradient data has been collected within or immediately downgradient of the PCE source areas, whereas the PCE concentrations observed along Shore Road and at the National Grid property represent the diluted lower limits of the Glen Head groundwater plume (or another similar upgradient source) before it discharges to Hempstead Harbor.

The concentrations of TCE and 1,2-DCE detected along Shore Road and at the National Grid property, while generally lower than the upgradient sources, are present at greater relative concentrations than compared to the PCE concentrations. This can be attributed to the fact that TCE and 1,2-DCE are degradation compounds of PCE and, as the contaminant plume or plumes migrate through the aquifer, the relative concentrations of TCE and 1,2-DCE will increase through a degradation process referred to as reductive dechlorination.

4.5 Conceptual Model of Glen Head Groundwater Plume

Figure 4-5 presents a conceptual model of the Glen Head groundwater plume based on currently available information starting at its source or sources located approximately 1 mile east and upgradient of the National Grid property and ending at its eventual discharge point in the vicinity of the National Grid property and Hempstead Harbor.

Source Area and DNAPL Migration

As discussed in detail under Section 2.6, the investigations performed by the NYSDEC of the Glen Head groundwater plume in 1999 and 2005/2006 identified total chlorinated VOC concentrations in groundwater of up to 18,192 ug/l immediately downgradient of the suspected source areas with PCE concentrations reported to be as high as 18,000 ug/l. This PCE

TABLE 4-1

NATIONAL GRID

GLENWOOD LANDING GAS PLANT SITE

COMPARISON OF CHLORINATED VOC CONCENTRATION RANGES

Compound	Upgradient Groundwater Concentration Range - Glen Head Groundwater Plume [1]	Upgradient Groundwater Concentration Range - TransTechnology [2]	Glenwood Landing Former Gas Plant Site Groundwater Concentration Range (2001,2003) [3]	Groundwater Investigation (2006, 2007) [4]
PCE	ND - 18,000	ND - 16,000	ND - 1,700	ND - 1,230
TCE	ND - 130	ND - 1,800	ND - 270	ND - 430
1,2 - DCE	ND - 130	ND - 310	ND - 180	ND - 74
TCA	ND - 4	ND - 41	ND - 7	ND - 6
1,1 - DCA	ND - 1	ND - 15	ND - 10	ND - 6
Total Chlorinated VOCs	3 - 18,192	ND - 16,252	ND - 2,167	ND - 1,346

Notes:

All concentrations in ug/l.

[1] : From September 2000 Glen Head Groundwater Plume PSA Report by LMS and February 2007 Glen Head Groundwater Plume Site Characterization Report by ERM.

[2] : From May 1997 TransTechnology Subsurface Investigation by CRA and February 2007 Glen Head Groundwater Plume Site Characterization Report by ERM.

[3] : From September 2001 Supplemental Environmental Site Assessment and October 2003 Supplemental Environmental Sampling Report by VHB

[4] : From 2006, 2007 Groundwater Investigation by D&B

WEST

EAST

GLEN COVE AVENUE

MW–1 (WATER TABLE WELL)

LIRR ROW

GLENWOOD LANDING FORMER GAS PLANT SITE

SHORE ROAD

AREA 1A PARCEL

TMW–01

GP–01

GP–02

UNSATURATED GLACIAL SEDIMENTS

DNAPL SOURCES ARE LIKELY TO HAVE MIGRATED VERTICALLY THROUGH AQUIFER

WATER TABLE

HEMPSTEAD HARBOR

FORMER HARBOR BOTTOM

GP–03

GP–05

GLEN HEAD PLUME MIGRATES VERTICALLY DOWNWARD IN VICINITY OF CHLORINATED VOC SOURCES

UPPER GLACIAL AQUIFER HORIZONTAL GROUNDWATER FLOW IS EAST TO WEST

DNAPL RESIDUAL LIKELY PRESENT IN AQUIFER

GLEN HEAD PLUME MIGRATES VERTICALLY UPWARD IN VICINITY OF HEMPSTEAD HARBOR

STRONG DOWNWARD VERTICAL GRADIENT (BASED ON USGS REPORT NO. 03–4288)

STRONG UPWARD VERTICAL GRADIENT (AREA OF PLUME DISCHARGE)

UPPER GLACIAL AQUIFER

MAGOTHY AQUIFER

RARITAN CLAY CONFINING UNIT

RARITAN CLAY CONFINING UNIT

ELEVATION IN FEET MSL

180
160
140
120
100
80
60
40
20
0
–20
–40
–60
–80
–100
–120
–140
–160
–180
–200
–220

GP–03	GP–05	GP–01	TMW–01	MW–1
ND	ND	ND	ND	18,192
5	7	15	2.37	
761	6	4	1.3	
1,166	185	10	1.29	
74	549		1.13	
	223		ND	
			ND	
			0.98	
			1.12	
			1.47	
			ND	
			ND	
			ND	
			ND	
			0.68	

GP–02
7
11.6
26.2
23
25.6

LEGEND:

- DIFFUSE/LOW LEVEL CHLORINATED VOCS
- MAIN BODY OF CHLORINATED VOC PLUME
- GENERAL DIRECTION OF PLUME MIGRATION
- GENERAL GROUNDWATER FLOW DIRECTION
- GP–05 / 549 — GROUNDWATER PROBE/MONITORING WELL WELL SCREEN AND TOTAL CHLORINATED VOC CONCENTRATION IN ug/l
- NOTE: CONCENTRATION FOR MW–1 BASED ON NYSDEC PSA DATED 2000.
- CHLORINATED VOC SOURCE (DNAPL)

VERTICAL SCALE: 1"=50'

Dvirka and Bartilucci CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

NATIONAL GRID
GLENWOOD LANDING FORMER GAS PLANT SITE

CONCEPTUAL MODEL OF GLEN HEAD GROUNDWATER PLUME MIGRATION FROM SOURCE AREA TO DISCHARGE AREA

FIGURE 4-5

\\Nt4\cadwork\1620-WDWG\1620-W-FIG-4-5.dwg, FIG 4-2 (11x17), 7/1/2008 12:13:41 PM, DBCadd

concentration roughly equates to 6 percent of the maximum pure phase solubility of this compound in water at 20° Celsius (J.H. Montgomery, 1990). Being denser than water, PCE released into the subsurface environment can behave as a dense nonaqueous phase liquid (DNAPL) and the USEPA has determined that DNAPLs are likely present when the contaminant concentrations in groundwater are found above 1 percent of the contaminant's pure phase solubility (USEPA Publication 9355.4). Therefore, the high chlorinated VOC concentrations detected in the immediate vicinity of the suspected source areas indicate that the contaminants were likely released at sufficient quantities and concentrations where the contaminants reached the underlying Upper Glacial aquifer as DNAPLs.

Being denser than water, the DNAPLs would continue to migrate vertically after reaching the water table into the deeper zones of the aquifer under the force of gravity until either the volume required to sustain gravity-driven migration was inadequate due to solubilization or loss of mass as the result of the DNAPL being trapped in pore spaces, or an impermeable unit was encountered. Figure 4-5 illustrates this concept where the DNAPL represented as a darker shade of green is shown as vertical columns in the Upper Glacial aquifer immediately below the suspected release points or source areas. The vertical migration of the DNAPL mass terminates at some point in the aquifer, creating zones of immobile residual DNAPL. The zones of immobile residual DNAPL will continue to be the long-term source of the chlorinated VOCs that comprise the Glen Head groundwater plume. Under this conceptual model it is assumed that the releases of DNAPL from the source areas have ceased approximately 20 to 30 years ago and therefore, DNAPL above the water table has diminished significantly.

Plume Migration and Degradation

Due to the likelihood that the contaminant sources were released as DNAPLs as described above and the documented strong downward hydraulic vertical gradient in the vicinity of the plume source, the main body of the Glen Head groundwater plume will tend to migrate vertically or "sink" into the deeper zones of the Upper Glacial aquifer. However, after reaching the lower zones of the Upper Glacial aquifer, the plume will likely migrate in a more horizontal and westerly direction along with the natural flow of groundwater.

While the main body of the Glen Head groundwater plume will be found in the deeper zones of the aquifer downgradient of the source areas, chlorinated VOCs will also be present in shallower zones of the aquifer at much lower concentrations due to the diffusion of the plume and the likely presence of residual DNAPL remaining in the vicinity of the water table. This "diffuse" zone of the plume is represented by the green stipple on Figure 4-5. It is likely that the Glen Head groundwater plume is further diffused and degraded in portions of the Upper Glacial aquifer given that the plume is likely at least 30 years old and that there is no continuous addition of DNAPL to the aquifer from the suspected source areas. As a result, much of the chlorinated VOCs that comprise the Glen Head groundwater plume have been degraded some distance downgradient of the remaining residual DNAPL source through natural processes such as reductive dechlorination. Concentrations are further decreased through molecular diffusion and simple mixing of the plume with clean groundwater. As a result of these natural degradation processes, chlorinated VOC concentrations can be present at very low or non-detectable concentrations at various locations between the plume source areas and the discharge areas of Hempstead Harbor. This degradation pattern has been observed in other "old" chlorinated VOC plumes with no active source on the north shore of Long Island, including the Lawrence Aviation groundwater plume located in Port Jefferson, New York.

Note that the USEPA has recently completed an extensive remedial investigation study of the Lawrence Aviation site which defined a chlorinated VOC plume very similar in nature to the conceptual model developed by D&B for the Glen Head groundwater plume as depicted on Figure 4-5. Similar to D&B's conceptual model, the USEPA determined after completing a nearly 18 month field investigation that the Lawrence Aviation plume is highly degraded throughout much of its projected path with very low or non-detectable concentrations of chlorinated VOCs at a number of monitoring wells located along the path of the plume. In addition, significantly higher chlorinated VOC concentrations are documented at or near the point at which the plume discharges to surface water. Provided in Appendix F are publicly available documents from the USEPA website summarizing their investigation of the Lawrence Aviation site.

As discussed previously in this section, a number of groundwater samples collected upgradient of the National Grid property that were collected in the projected path of the Glen Head groundwater plume exhibited only trace concentrations of the targeted chlorinated VOCs. As documented with the Lawrence Aviation groundwater plume, the Glen Head groundwater plume is likely to be highly degraded in some portions of its projected path. As a result, only low concentrations of the plume contaminants are detectable in these areas. The best example of this would be the groundwater samples collected from temporary vertical profile well TMW-01. In addition, given the suspected depth of the plume east of Shore Road and the much higher ground surface elevations in this area, groundwater probes GP-01, GP-02 and GP-08 through GP-10 may not have intercepted the main body of the plume and only relatively low or trace concentrations of chlorinated VOCs were detected at these locations. The cross-section provided as Figure 4-3 illustrates the low level chlorinated VOCs detected in sample locations completed east of Shore Road.

Plume Discharge to Surface Water

Similar to the documented Lawrence Aviation groundwater plume, the total chlorinated VOC concentrations of the Glen Head groundwater plume are relatively high in the vicinity of the area where the plume begins to discharge to the receiving surface water, in this case Hempstead Harbor and nearby freshwater ponds and springs. Figure 4-5 depicts this discharge of the Glen Head groundwater plume to surface water. The zone of higher concentrations is documented by the groundwater samples collected in the vicinity of Shore Road and is illustrated on Figure 4-5 by the total chlorinated VOC concentrations detected at GP-03 and GP-05.

As shown on Figure 4-5, the main body of the Glen Head groundwater plume migrates in a westerly direction in the deeper portions of the Upper Glacial aquifer until reaching the area where the aquifer transitions to a strong upward vertical hydraulic gradient or groundwater discharge zone located in the immediate vicinity of Hempstead Harbor. After reaching this discharge zone, the plume migrates almost vertically upward and eventually discharges to Hempstead Harbor along with the natural flow of groundwater. This transition to an upward plume migration is supported by the data obtained along Shore Road and on the Area 1A Parcel.

For example, as indicated on Figure 4-5, groundwater samples collected at GP-05 between 110 and 126 feet below grade, exhibited the highest total chlorinated VOC concentrations at this location, whereas less than 300 feet downgradient from GP-05, the highest total chlorinated VOC concentrations were detected at depths of between 46 and 70 feet below grade at GP-03. Furthermore, water level measurements collected from deep and shallow monitoring wells located on the Area 1A Parcel clearly indicate an upward vertical hydraulic gradient, further supporting the concept that this area is within a groundwater discharge zone.

As indicated on the north-south cross-section along Shore Road provided as Figure 4-2, significant chlorinated VOC contamination was detected over a wide area in groundwater probes located along Shore Road and in close proximity of Hempstead Harbor, which is a suspected discharge area of the Glen Head groundwater plume. The contamination appears to extend south beyond groundwater probe GP-13, which exhibited a total chlorinated VOC concentration of 248 ug/l at 106 to 110 feet. It also appears to extend well beyond the northernmost groundwater probe GP-15, which exhibited a total chlorinated VOC concentration 1,327 ug/l at 41 to 45 feet. Based on data presented in the February 2007 NYSDEC Site Characterization of the Glen Head groundwater plume, a surface water sample collected by the NYSDEC from a natural groundwater spring located approximately 1,000 feet north of GP-15 on the North Shore Country Club golf course exhibited a PCE concentration of 130 ug/l. This makes the contaminant plume a minimum of 2,800 feet wide, a distance of more than half a mile. Such a wide plume is likely the result of the multiple source areas associated with the Glen Head groundwater plume.

The spring feeds Scudder's Pond, also located approximately 1,000 feet north of GP-15. The presence of surface water bodies north of the National Grid property promotes the upward migration of the Glen Head groundwater plume further inland when compared to the National Grid property or areas further to the south. Therefore, groundwater probes completed north of the National Grid property exhibited higher chlorinated VOC concentrations at shallower intervals than probes completed to the south.

5.0 CONCLUSIONS AND RECOMMENDATIONS

This section presents a discussion of D&B's conclusions and recommendations based on the findings of this investigation as well as previously available information.

5.1 Conclusions

Subsurface investigations completed between 2001 and 2003 at the Glenwood Landing Former Gas Plant Site identified chlorinated VOCs in on-site groundwater at the Area 1A Parcel located west of Shore Road and fronting Hempstead Harbor. However, investigations conducted to date have not identified any evidence of on-site soil or groundwater sources that could be associated with the chlorinated VOCs that have been identified in on-site groundwater. The chlorinated VOCs detected in groundwater are used in a wide range of commercial and industrial applications. PCE, which is the predominant chlorinated VOC detected in on-site groundwater, is widely used in commercial and industrial dry-cleaning operations.

Based on these findings and the fact that there are no records to indicate that chlorinated VOCs have ever been used or released at the National Grid property, D&B performed a review of available local, state and federal records on behalf of National Grid to identify potential upgradient sources of the chlorinated VOCs. Based on the westerly direction of groundwater flow, a minimum of five potential sources were identified approximately one mile directly upgradient of the National Grid property, including:

- TransTechnology Corporation
- Former Fresh and Clean Laundry
- Soundview Cleaners
- Glen Head Cleaners
- Professional Touch Cleaners

Based on the review of available records, high concentrations of chlorinated VOCs have been documented in soil and groundwater at the TransTechnology site. In 2000, the NYSDEC completed a groundwater investigation in the vicinity of the TransTechnology site and three of the four listed dry cleaners. Again, high concentrations of chlorinated VOCs were detected in groundwater within the study area, with total chlorinated VOC concentrations exceeding 18,000 ug/l in shallow groundwater. Given the multiple potential sources, the NYSDEC collectively refers to this groundwater contamination as the Glen Head groundwater plume. In 2005 and 2006, the NYSDEC completed a Site Characterization study that confirmed the findings of the previous investigations. Based on currently available information, the total length, width and vertical thickness of the Glen Head groundwater plume has not been defined by the NYSDEC. However, based on regional groundwater flow, the National Grid property is clearly within the projected path of the plume.

The data collected strictly from the groundwater probes completed at the National Grid property and along Shore Road clearly identify a wide and deep chlorinated VOC plume a minimum of 1,800 feet wide, extending at least 500 feet south and sidegradient and 1,000 feet north and sidegradient of the National Grid property. Total chlorinated VOC concentrations were detected up to 1,346 ug/l in the collected groundwater samples. The highest chlorinated VOC concentrations located at and south of the National Grid property are within deep groundwater, typically deeper than 100 feet below grade, whereas intermediate and shallow groundwater exhibits the highest concentrations to the north. The shallow groundwater contamination to the north of the National Grid property is likely due to the presence of Scudder's Pond and other surface water bodies promoting the upward migration of the chlorinated VOC plume further inland from Hempstead Harbor.

Based on available historical information, it is clear that the Glen Head groundwater plume is a minimum of 30 years old and its original DNAPL source has ceased long ago. As a result, the plume is highly degraded and difficult to fully define throughout its projected path from the source areas located approximately one mile upgradient of the National Grid property to the downgradient discharge points, including Hempstead Harbor and nearby freshwater ponds and springs. As a result of the plume's degraded nature as well as its expected depth, the Glen

Head groundwater plume is not well defined immediately upgradient of the National Grid property. However, field investigations conducted to date by D&B have clearly identified the Glen Head groundwater plume or other upgradient contaminant sources to the north and south (sidegradient) of the National Grid property.

A surface water sample collected by the NYSDEC in 2006 from a natural groundwater spring located approximately 1,000 feet north (sidegradient) of GP-15, the northernmost groundwater probe, exhibited a PCE concentration of 130 ug/l. As recently as 2004, this spring water exhibited a PCE concentration of up to 160 ug/l. The spring feeds Scudder's Pond, also located approximately 1,000 feet north of GP-15. Surface water samples collected from this pond have consistently exhibited chlorinated VOCs with PCE detected at concentrations of up to 48.3 ug/l. This data combined with the data from the groundwater probes makes the contaminant plume a minimum of 2,800 feet wide, a distance of more than half a mile. Such a wide plume is likely the result of the presence of multiple source areas located upgradient, such as those described above.

The defined depth and width of the detected groundwater plume clearly indicates that the contamination is not originating within the National Grid property, but the plume source or sources are located well upgradient. Furthermore, the data collected along Shore Road has identified a very consistent suite of chlorinated VOCs throughout this 2,800-foot plume width with all groundwater probe locations exhibiting detectable concentrations of PCE, TCE, 1,2-DCE, TCA and 1,1-DCA. In addition, the relative magnitude of the compounds was consistent throughout the plume with PCE being the predominant compound detected, but with significant concentrations of degradation products such as TCE and 1,2-DCE and trace concentrations of TCA and 1,1-DCA. This consistency strongly suggests common contaminant sources that are unrelated to the National Grid property.

In addition, all chlorinated VOCs detected at the National Grid property and along Shore Road have also been detected at the TransTechnology site and the Glen Head groundwater plume, with PCE being the dominant chlorinated VOC detected at all three locations. The fact that the PCE concentrations along Shore Road are lower than the upgradient locations but the relative concentrations of degradation products such as TCE and 1,2-DCE are higher, indicates

that the plume detected along Shore Road and at the National Grid property represents the diluted lower limits of a degraded Glen Head groundwater plume (or another similar upgradient source).

The distribution of chlorinated VOC contamination in groundwater observed at the National Grid property and along Shore Road is consistent with an upgradient source or sources and the hydrogeologic framework of the area. Based on the review of available NYSDEC information on the upgradient sources and the Glen Head groundwater plume, the hydrogeologic setting of the area and the findings of this investigation, it appears that the groundwater contamination detected at the National Grid property as well as to the north and south along Shore Road is the Glen Head groundwater plume or other upgradient contaminant source as it migrates toward Hempstead Harbor. A conceptual model of this plume migration is provided as Figure 4-5 in this report.

In summary, the completed groundwater investigation has identified a wide and deep chlorinated VOC plume that is impacting groundwater quality within and adjacent to the National Grid property. Based on all the data and this Groundwater Investigation Findings Report, the National Grid property is not the source of this contamination. Rather, the contamination originates from upgradient sources such as the Glen Head groundwater plume and is impacting the groundwater conditions in a large area around the National Grid property.

5.2 Recommendations

Based on these findings, it is recommended that the current Voluntary Cleanup Agreement between National Grid (formerly KeySpan) and the NYSDEC for the Glenwood Landing former Gas Plant Site (Index Number RI-0001-01-01) be modified to close out this groundwater issue so that National Grid is not identified as a responsible party for any future investigation, remediation, monitoring, etc. for groundwater contamination associated with upgradient sources such as the Glen Head groundwater plume. The data and findings in this Report address the balance of the remaining VCA related issues and provide a supporting basis for the NYSDEC's review of the VCA related Site Management Plan that was previously submitted to NYSDEC.

APPENDIX A

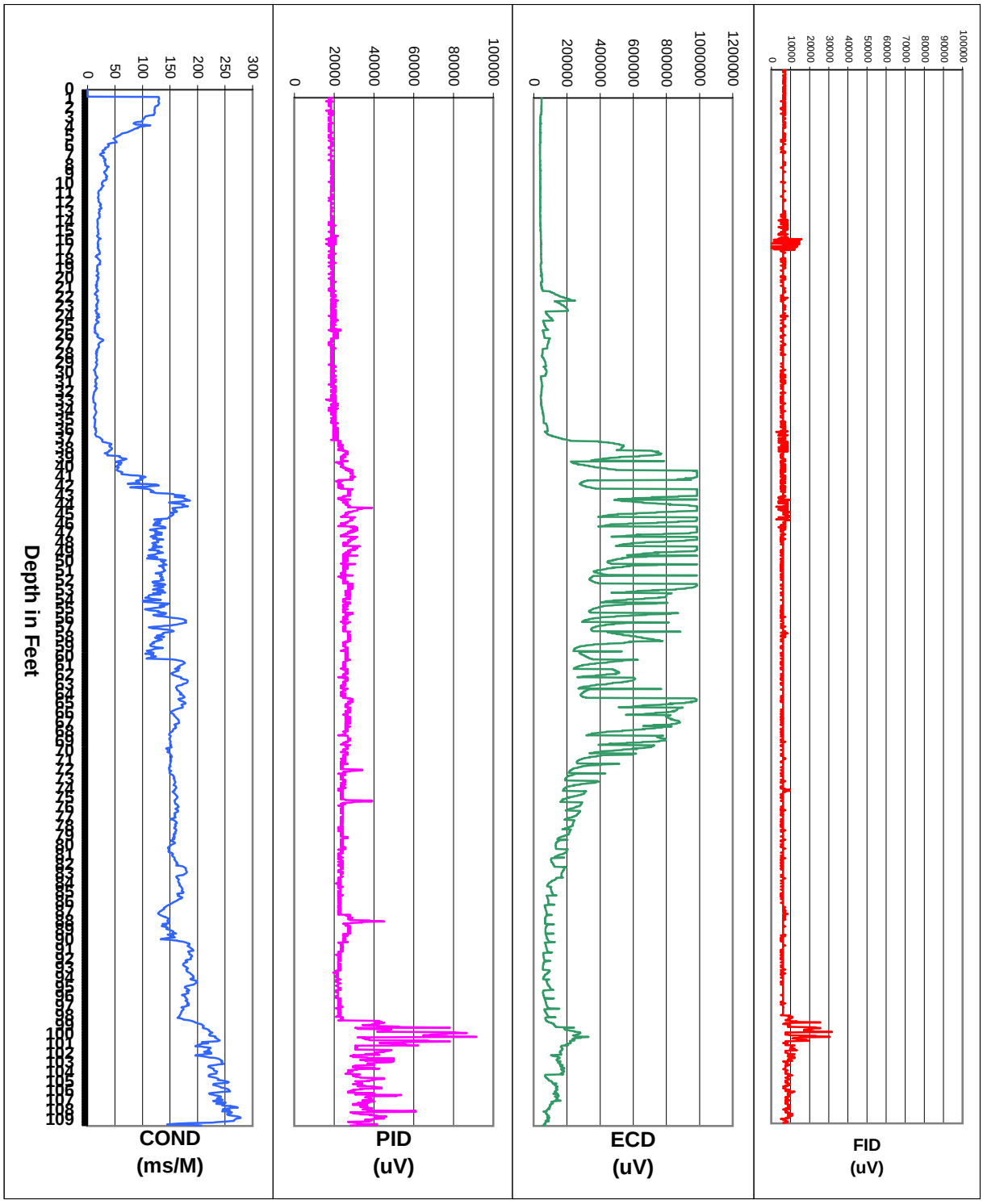
MEMBRANE INTERFACE PROBE REPORT

ZEBRA EC/MIP Summary Log, Point MIP1
Former Gas Plant Site

for: KeySpan Corporation
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 3/17/2006
Proj. Name: Glenwood Landing
Proj. #: DEMO
Operators: BRAD
Point 1 of 1

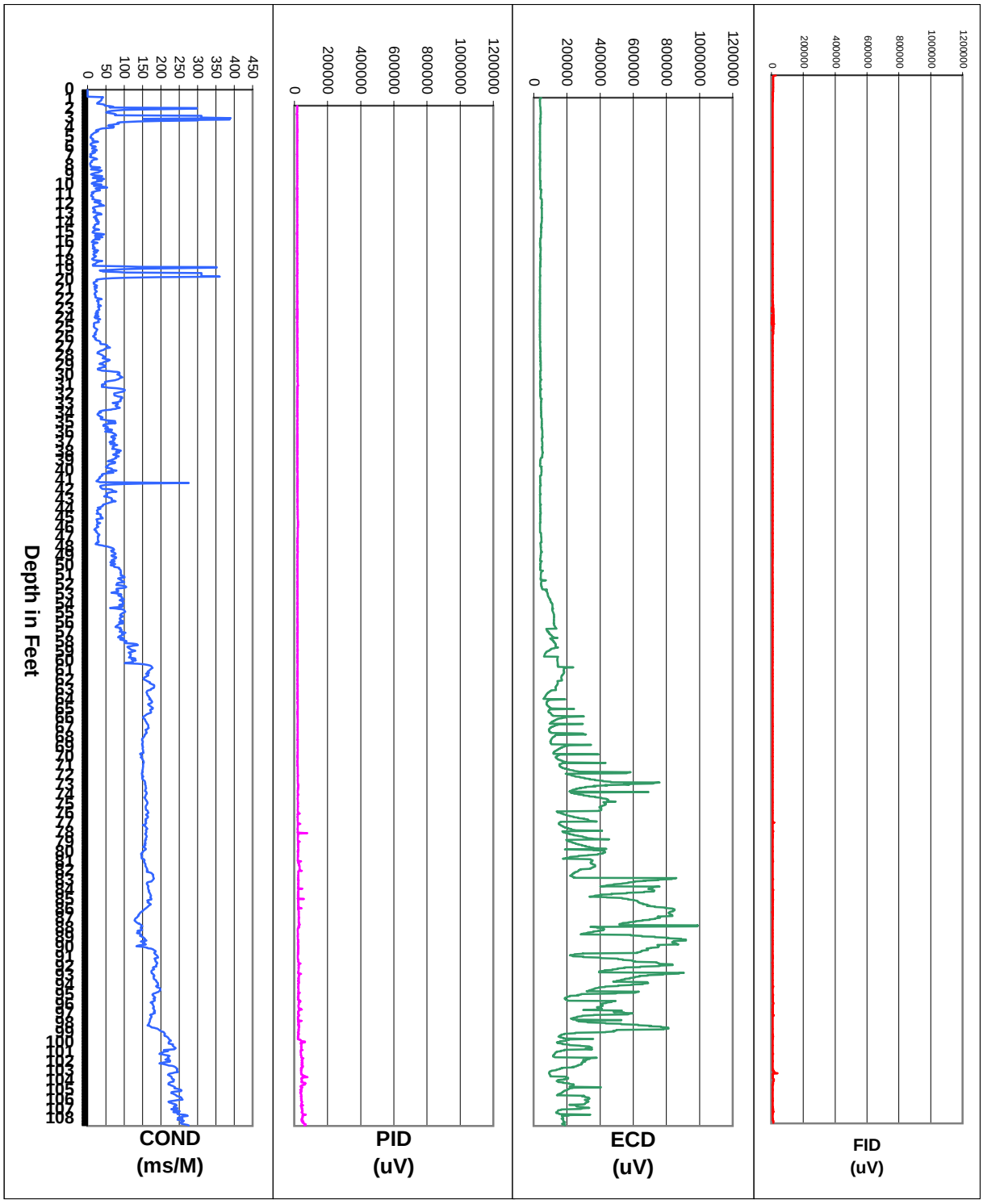
ZEBRA EC/MIP Summary Log, Point MIP-2
KEYSPAN



for: DB ENGR
by: zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 6/6/2006
Proj. Name: KEYSPAN
Proj. #:
Operators: BRAD
Point 1 of 1

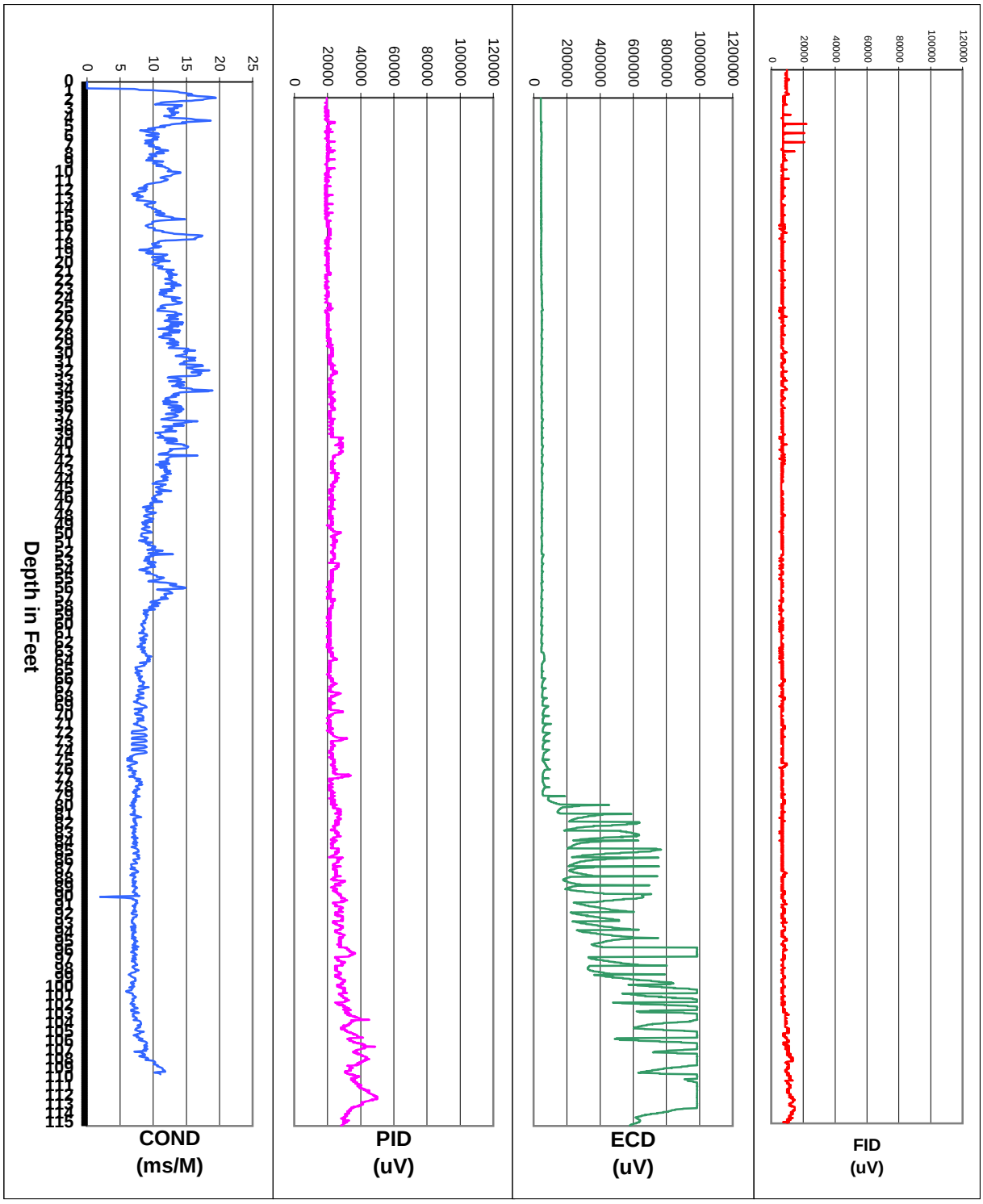
ZEBRA EC/MIP Summary Log, Point MIP-3
KEYSPAN



for: DB ENGR
by: zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 6/7/2006
Proj. Name: KEYSPAN
Proj. #:
Operators: BRAD
Point 1 of 1

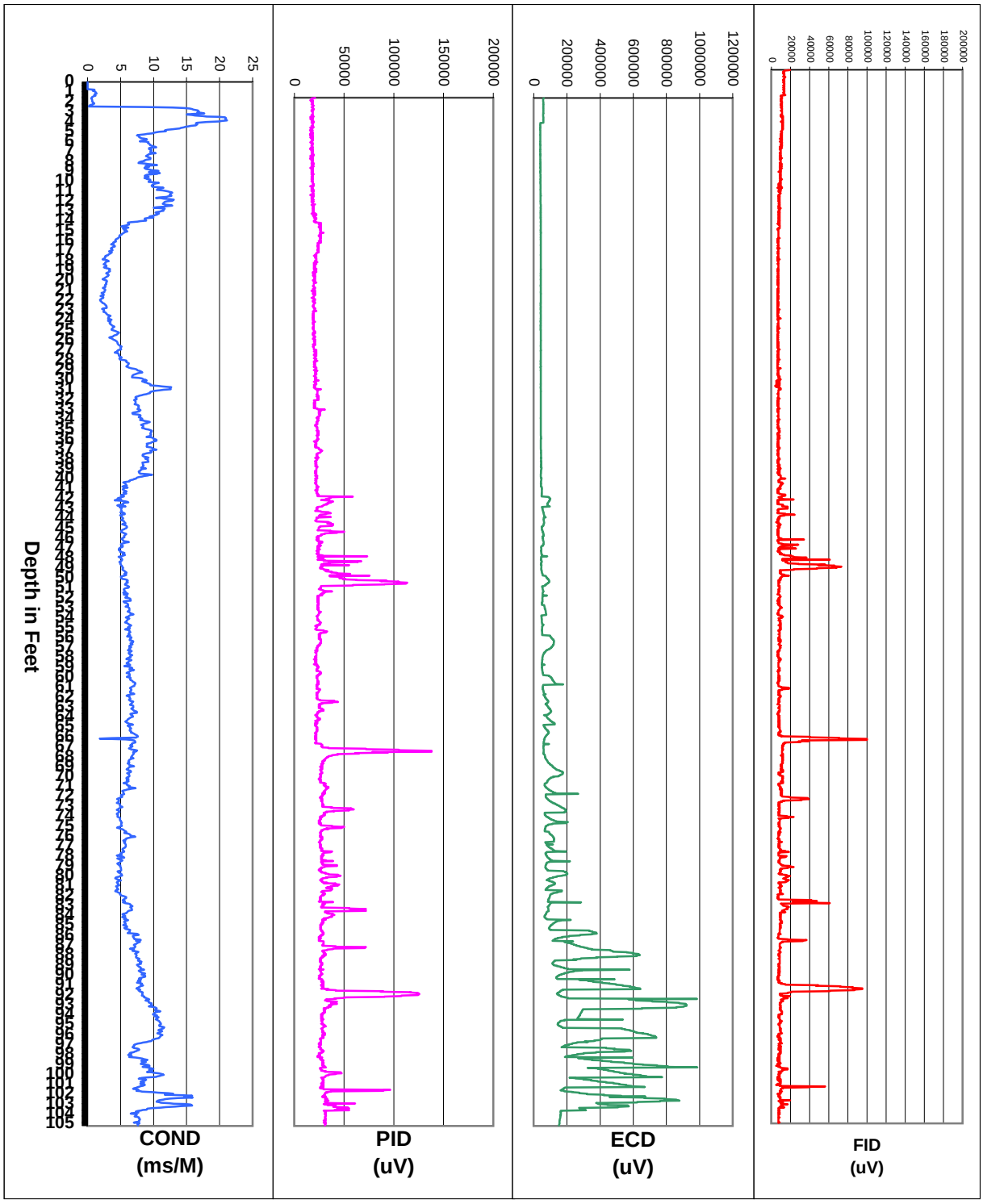
ZEBRA EC/MIP Summary Log, Point MIP-4
KEYSPAN



for: DB ENGR
by: zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 6/8/2006
Proj. Name: KEYSPAN
Proj. #:
Operators: BRAD
Point 1 of 1

ZEBRA EC/MIP Summary Log, Point MIP-5
KEYSPAN



for: DB ENGR
by: zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 6/9/2006
Proj. Name: KEYSPAN
Proj. #:
Operators: BRAD
Point 1 of 1

APPENDIX B

GROUNDWATER CHEMICAL DATA TABLES

Table 1
NATIONAL GRID
GLENWOOD LANDING
2006 GROUNDWATER PROBE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/20/2006 thru 06/16/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-01 GP-01(116-120) 03/20/2006 116.00	GP-01 GP-01(94-98) 03/20/2006 94.00	GP-01 GP-01(78-82) 03/20/2006 78.00	GP-01 GP-01(42-46) 03/20/2006 42.00	GP-02 GP-02(111-115) 03/21/2006 111.00
1,1,1-Trichloroethane	(ug/l)	5	0.32U	0.32U	3.0J	0.32U	2.1J
1,1,2,2-Tetrachloroethane	(ug/l)	5	0.30U	0.30U	0.30U	0.30U	0.30U
1,1,2-Trichloroethane	(ug/l)	1	0.41U	0.41U	0.41U	0.41U	0.41U
1,1-Dichloroethane	(ug/l)	5	0.38U	0.38U	1.6J	0.38U	0.38U
1,1-Dichloroethylene	(ug/l)	5	0.42U	0.42U	0.42U	0.42U	0.42U
1,2,4-Trichlorobenzene	(ug/l)	5	0.46U	0.46U	0.46U	0.46U	0.46U
1,2-Dichloroethane	(ug/l)	0.6	0.34U	0.34U	0.34U	0.34U	0.34U
1,2-Dichloropropane	(ug/l)	1	0.40U	0.40U	0.40U	0.40U	0.40U
2-Hexanone	(ug/l)	50	1.7U	1.7U	1.7U	1.7U	1.7U
Acetone	(ug/l)	50	2.3U	2.3U	2.3U	2.3U	2.3U
Benzene	(ug/l)	1.0	0.39U	0.39U	0.39U	0.39U	0.39U
Benzene, 1-methylethyl-	(ug/l)	5	0.44U	0.44U	0.44U	[25]	0.44U
Bromodichloromethane	(ug/l)	50	0.33U	0.33U	0.33U	0.33U	0.33U
Bromoform	(ug/l)	50	0.32U	0.32U	0.32U	0.32U	0.32U
Carbon disulfide	(ug/l)		0.40U	0.40U	0.40U	0.40U	0.40U
Carbon tetrachloride	(ug/l)	5	1.1U	1.1U	1.1U	1.1U	1.1U
Chlorobenzene	(ug/l)	5	0.47U	0.47U	0.47U	0.47U	0.47U
Chloroethane	(ug/l)	5	0.83U	0.83U	0.83U	0.83U	0.83U
Chloroform	(ug/l)	7	0.33U	0.33U	0.33U	0.33U	0.33U
cis-1,2-Dichloroethylene	(ug/l)	5	0.29U	0.29U	1.4J	0.29U	[7.5]
cis-1,3-Dichloropropene	(ug/l)	0.4	0.36U	0.36U	0.36U	0.36U	0.36U

Samples collected in 3/06 were analyzed by Chemtech
Samples collected in 6/06 were analyzed by H2M

[x]=Greater than Action Level The following qualifier(s) exist: CLP Q: U, J
=Not analyzed

Table 1
NATIONAL GRID
GLENWOOD LANDING
2006 GROUNDWATER PROBE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/20/2006 thru 06/16/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-01 GP-01(116-120) 03/20/2006 116.00	GP-01 GP-01(94-98) 03/20/2006 94.00	GP-01 GP-01(78-82) 03/20/2006 78.00	GP-01 GP-01(42-46) 03/20/2006 42.00	GP-02 GP-02(111-115) 03/21/2006 111.00
DBCP	(ug/l)	0.04	0.38U	0.38U	0.38U	0.38U	0.38U
Dibromochloromethane	(ug/l)	50	0.26U	0.26U	0.26U	0.26U	0.26U
Dichlorodifluoromethane	(ug/l)	5	0.17U	0.17U	0.17U	0.17U	0.17U
EDB	(ug/l)	0.0006	0.32U	0.32U	0.32U	0.32U	0.32U
Ethene, 1,2-dichloro-, (E)-	(ug/l)	5	0.40U	0.40U	0.40U	0.40U	0.40U
Ethylbenzene	(ug/l)	5	0.45U	0.45U	0.45U	[14]	0.45U
Freon 113	(ug/l)		1.3U	1.3U	1.3U	1.3U	1.3U
m-Dichlorobenzene	(ug/l)	3	0.50U	0.50U	0.50U	0.50U	0.50U
Methyl bromide	(ug/l)	5	0.41U	0.41U	0.41U	0.41U	0.41U
Methyl chloride	(ug/l)	5	0.34U	0.34U	0.34U	0.34U	0.34U
Methyl ethyl ketone	(ug/l)	50	1.1U	1.1U	1.1U	1.1U	1.1U
Methyl isobutylketone (MIBK)	(ug/l)		1.6U	1.6U	1.6U	1.6U	1.6U
Methylene chloride	(ug/l)	5	0.43U	0.43U	0.43U	0.43U	0.43U
Methyltert-butylether	(ug/l)	10	0.28U	0.28U	0.28U	0.28U	4.4J
o-Dichlorobenzene	(ug/l)	3	0.44U	0.44U	0.44U	0.44U	0.44U
o-Xylene	(ug/l)		0.46U	0.46U	0.46U	12	0.46U
p-Dichlorobenzene	(ug/l)	3	0.54U	0.54U	0.54U	0.54U	0.54U
Styrene	(ug/l)	5	0.41U	0.41U	0.41U	0.41U	0.41U
Tetrachloroethylene	(ug/l)	5	[10]J	4J	[9]J	0.48U	[16]J
Toluene	(ug/l)	5	0.36U	0.36U	0.36U	0.36U	0.36U
trans-1,3-Dichloropropene	(ug/l)	0.4	0.32U	0.32U	0.32U	0.32U	0.32U

Samples collected in 3/06 were analyzed by Chemtech
Samples collected in 6/06 were analyzed by H2M

[x]=Greater than Action Level The following qualifier(s) exist: CLP Q: U, J
=Not analyzed

Table 1
NATIONAL GRID
GLENWOOD LANDING
2006 GROUNDWATER PROBE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/20/2006 thru 06/16/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-01 GP-01(116-120) 03/20/2006 116.00	GP-01 GP-01(94-98) 03/20/2006 94.00	GP-01 GP-01(78-82) 03/20/2006 78.00	GP-01 GP-01(42-46) 03/20/2006 42.00	GP-02 GP-02(111-115) 03/21/2006 111.00
Trichloroethylene	(ug/l)	5	0.46U	0.46U	0.46U	0.46U	0.46U
Trichlorofluoromethane	(ug/l)	5	0.22U	0.22U	0.22U	0.22U	0.22U
Vinyl chloride	(ug/l)	2	0.33U	0.33U	0.33U	0.33U	0.33U
1,2-Dichloroethene	(ug/l)	5					
Cyclohexane	(ug/l)		0.36U	0.36U	0.36U	12	0.36U
Methyl Acetate	(ug/l)		0.20U	0.20U	0.20U	0.20U	0.20U
Methylcyclohexane	(ug/l)		0.34U	0.34U	0.34U	20	0.34U
p-Xylene	(ug/l)		1.2U	1.2U	1.2U	160	1.2U
Xylene (total)	(ug/l)	5					
Total Chlorinated VOCs	(ug/l)		10	4	15	0.0	25.6
TOTAL VOLATILE ORGANICS	(ug/l)		10	4	15	243	30

Samples collected in 3/06 were analyzed by Chemtech
Samples collected in 6/06 were analyzed by H2M

The following qualifier(s) exist: CLP Q: U =Not analyzed

Table 1
NATIONAL GRID
GLENWOOD LANDING
2006 GROUNDWATER PROBE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/20/2006 thru 06/16/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-02 GP-02(96-100) 03/21/2006 96.00	GP-02 GP-02(72-76) 03/21/2006 72.00	GP-02 GP-02(46-50) 03/21/2006 46.00	GP-02 GP-02(20-24) 03/21/2006 20.00	GP-03 GP-03 (24-28) 06/12/2006 24.00
1,1,1-Trichloroethane	(ug/l)	5	2.5J	2.2J	3.3J	3.4J	0.12U
1,1,2,2-Tetrachloroethane	(ug/l)	5	0.30U	0.30U	0.30U	0.30U	0.35U
1,1,2-Trichloroethane	(ug/l)	1	0.41U	0.41U	0.41U	0.41U	0.24U
1,1-Dichloroethane	(ug/l)	5	0.38U	0.38U	1.7J	1.4J	0.12U
1,1-Dichloroethylene	(ug/l)	5	0.42U	0.42U	0.42U	0.42U	0.14U
1,2,4-Trichlorobenzene	(ug/l)	5	0.46U	0.46U	0.46U	0.46U	
1,2-Dichloroethane	(ug/l)	0.6	0.34U	0.34U	0.34U	0.34U	0.26U
1,2-Dichloropropane	(ug/l)	1	0.40U	0.40U	0.40U	0.40U	0.33U
2-Hexanone	(ug/l)	50	1.7U	1.7U	1.7U	1.7U	1.4U
Acetone	(ug/l)	50	2.3U	2.3U	2.3U	2.3U	2.8U
Benzene	(ug/l)	1.0	0.39U	0.39U	0.39U	0.39U	0.25U
Benzene, 1-methylethyl-	(ug/l)	5	0.44U	0.44U	0.44U	0.44U	
Bromodichloromethane	(ug/l)	50	0.33U	0.33U	0.33U	0.33U	0.2U
Bromoform	(ug/l)	50	0.32U	0.32U	0.32U	0.32U	0.47U
Carbon disulfide	(ug/l)		0.40U	0.40U	0.40U	0.40U	0.15U
Carbon tetrachloride	(ug/l)	5	1.1U	1.1U	1.1U	1.1U	0.18U
Chlorobenzene	(ug/l)	5	0.47U	0.47U	0.47U	0.47U	0.34U
Chloroethane	(ug/l)	5	0.83U	0.83U	0.83U	0.83U	0.48U
Chloroform	(ug/l)	7	0.33U	0.33U	0.33U	0.33U	0.27U
cis-1,2-Dichloroethylene	(ug/l)	5	[6.5]	[10]	2.6J	1.2J	
cis-1,3-Dichloropropene	(ug/l)	0.4	0.36U	0.36U	0.36U	0.36U	0.19U

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[x]=Greater than Action Level The following qualifier(s) exist: CLP Q: J, U
=Not analyzed

Table 1
NATIONAL GRID
GLENWOOD LANDING
2006 GROUNDWATER PROBE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/20/2006 thru 06/16/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-02 GP-02(96-100) 03/21/2006 96.00	GP-02 GP-02(72-76) 03/21/2006 72.00	GP-02 GP-02(46-50) 03/21/2006 46.00	GP-02 GP-02(20-24) 03/21/2006 20.00	GP-03 GP-03 (24-28) 06/12/2006 24.00
DBCP	(ug/l)	0.04	0.38U	0.38U	0.38U	0.38U	
Dibromochloromethane	(ug/l)	50	0.26U	0.26U	0.26U	0.26U	0.29U
Dichlorodifluoromethane	(ug/l)	5	0.17U	0.17U	0.17U	0.17U	
EDB	(ug/l)	0.0006	0.32U	0.32U	0.32U	0.32U	
Ethene, 1,2-dichloro-, (E)-	(ug/l)	5	0.40U	0.40U	0.40U	0.40U	
Ethylbenzene	(ug/l)	5	0.45U	0.45U	0.45U	0.45U	0.3U
Freon 113	(ug/l)		1.3U	1.3U	1.3U	1.3U	
m-Dichlorobenzene	(ug/l)	3	0.50U	0.50U	0.50U	0.50U	
Methyl bromide	(ug/l)	5	0.41U	0.41U	0.41U	0.41U	0.46U
Methyl chloride	(ug/l)	5	0.34U	0.34U	0.34U	0.34U	0.42U
Methyl ethyl ketone	(ug/l)	50	1.1U	1.1U	1.1U	1.1U	0.75U
Methyl isobutylketone (MIBK)	(ug/l)		1.6U	1.6U	1.6U	1.6U	0.3U
Methylene chloride	(ug/l)	5	0.43U	0.43U	0.43U	0.43U	0.2U
Methyltert-butylether	(ug/l)	10	5.3	2.6J	0.28U	0.28U	
o-Dichlorobenzene	(ug/l)	3	0.44U	0.44U	0.44U	0.44U	
o-Xylene	(ug/l)		0.46U	0.46U	0.46U	0.46U	
p-Dichlorobenzene	(ug/l)	3	0.54U	0.54U	0.54U	0.54U	
Styrene	(ug/l)	5	0.41U	0.41U	0.41U	0.41U	0.35U
Tetrachloroethylene	(ug/l)	5	[14]J	[14]J	4J	1J	5J
Toluene	(ug/l)	5	0.36U	0.36U	0.36U	0.36U	0.23U
trans-1,3-Dichloropropene	(ug/l)	0.4	0.32U	0.32U	0.32U	0.32U	0.39U

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Samples collected in 6/06 were analyzed by H2M

[x]=Greater than Action Level The following qualifier(s) exist: CLP Q: U, J
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Table 1
NATIONAL GRID
GLENWOOD LANDING
2006 GROUNDWATER PROBE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/20/2006 thru 06/16/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-02 GP-02(96-100) 03/21/2006 96.00	GP-02 GP-02(72-76) 03/21/2006 72.00	GP-02 GP-02(46-50) 03/21/2006 46.00	GP-02 GP-02(20-24) 03/21/2006 20.00	GP-03 GP-03 (24-28) 06/12/2006 24.00
Trichloroethylene	(ug/l)	5	0.46U	0.46U	0.46U	0.46U	0.14U
Trichlorofluoromethane	(ug/l)	5	0.22U	0.22U	0.22U	0.22U	
Vinyl chloride	(ug/l)	2	0.33U	0.33U	0.33U	0.33U	0.41U
1,2-Dichloroethene	(ug/l)	5					2.9U
Cyclohexane	(ug/l)		0.36U	0.36U	0.36U	0.36U	
Methyl Acetate	(ug/l)		0.20U	8.9	0.20U	0.20U	
Methylcyclohexane	(ug/l)		0.34U	0.34U	0.34U	0.34U	
p-Xylene	(ug/l)		1.2U	1.2U	1.2U	1.2U	
Xylene (total)	(ug/l)	5					0.33U
Total Chlorinated VOCs	(ug/l)		23	26.2	11.6	7	5
TOTAL VOLATILE ORGANICS	(ug/l)		28.3	37.7	11.6	7	5

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Table 1
NATIONAL GRID
GLENWOOD LANDING
2006 GROUNDWATER PROBE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/20/2006 thru 06/16/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-03 GP-03 (6-10) 06/12/2006 6.00	GP-03 GP-03 (90-94) 06/13/2006 90.00	GP-03 GP-03 (66-70) 06/13/2006 66.00	GP-03 GP-03 (46-50) 06/13/2006 46.00	GP-04 GP-04 (24-28) 06/12/2006 24.00
1,1,1-Trichloroethane	(ug/l)	5	0.12U	2J	[6]J	2J	1J
1,1,2,2-Tetrachloroethane	(ug/l)	5	0.35U	0.35U	0.35U	0.35U	0.35U
1,1,2-Trichloroethane	(ug/l)	1	0.24U	0.24U	0.24U	0.24U	0.24U
1,1-Dichloroethane	(ug/l)	5	0.12U	3J	4J	2J	0.12U
1,1-Dichloroethylene	(ug/l)	5	0.14U	0.14U	2J	0.14U	0.14U
1,2,4-Trichlorobenzene	(ug/l)	5					
1,2-Dichloroethane	(ug/l)	0.6	0.26U	0.26U	0.26U	0.26U	0.26U
1,2-Dichloropropane	(ug/l)	1	0.33U	0.33U	0.33U	0.33U	0.33U
2-Hexanone	(ug/l)	50	1.4U	1.4U	1.4U	1.4U	1.4U
Acetone	(ug/l)	50	2.8U	2.8U	2.8U	2.8U	2.8U
Benzene	(ug/l)	1.0	0.25U	0.25U	0.25U	0.25U	0.25U
Benzene, 1-methylethyl-	(ug/l)	5					
Bromodichloromethane	(ug/l)	50	0.2U	0.2U	0.2U	0.2U	0.2U
Bromoform	(ug/l)	50	0.47U	0.47U	0.47U	0.47U	0.47U
Carbon disulfide	(ug/l)		0.15U	0.15U	0.15U	0.15U	0.15U
Carbon tetrachloride	(ug/l)	5	0.18U	0.18U	0.18U	0.18U	0.18U
Chlorobenzene	(ug/l)	5	0.34U	0.34U	0.34U	0.34U	0.34U
Chloroethane	(ug/l)	5	0.48U	0.48U	0.48U	0.48U	0.48U
Chloroform	(ug/l)	7	0.27U	0.27U	0.27U	0.27U	0.27U
cis-1,2-Dichloroethylene	(ug/l)	5					
cis-1,3-Dichloropropene	(ug/l)	0.4	0.19U	0.19U	0.19U	0.19U	0.19U

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NATIONAL GRID
GLENWOOD LANDING
2006 GROUNDWATER PROBE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/20/2006 thru 06/16/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-03 GP-03 (6-10) 06/12/2006 6.00	GP-03 GP-03 (90-94) 06/13/2006 90.00	GP-03 GP-03 (66-70) 06/13/2006 66.00	GP-03 GP-03 (46-50) 06/13/2006 46.00	GP-04 GP-04 (24-28) 06/12/2006 24.00
DBCP	(ug/l)	0.04					
Dibromochloromethane	(ug/l)	50	0.29U	0.29U	0.29U	0.29U	0.29U
Dichlorodifluoromethane	(ug/l)	5					
EDB	(ug/l)	0.0006					
Ethene, 1,2-dichloro-, (E)-	(ug/l)	5					
Ethylbenzene	(ug/l)	5	0.3U	0.3U	0.3U	0.3U	0.3U
Freon 113	(ug/l)						
m-Dichlorobenzene	(ug/l)	3					
Methyl bromide	(ug/l)	5	0.46U	0.46U	0.46U	0.46U	0.46U
Methyl chloride	(ug/l)	5	0.42U	0.42U	0.42U	0.42U	0.42U
Methyl ethyl ketone	(ug/l)	50	0.75U	0.75U	0.75U	0.75U	0.75U
Methyl isobutylketone (MIBK)	(ug/l)		0.3U	0.3U	0.3U	0.3U	0.3U
Methylene chloride	(ug/l)	5	0.2U	0.2U	0.2U	0.2U	0.2U
Methyltert-butylether	(ug/l)	10					
o-Dichlorobenzene	(ug/l)	3					
o-Xylene	(ug/l)						
p-Dichlorobenzene	(ug/l)	3					
Styrene	(ug/l)	5	0.35U	0.35U	0.35U	0.35U	0.35U
Tetrachloroethylene	(ug/l)	5	0.42U	[43]	[650]D	[680]D	5J
Toluene	(ug/l)	5	0.23U	0.23U	0.23U	0.23U	0.23U
trans-1,3-Dichloropropene	(ug/l)	0.4	0.39U	0.39U	0.39U	0.39U	0.39U

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2006 GROUNDWATER PROBE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/20/2006 thru 06/16/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-03 GP-03 (6-10) 06/12/2006 6.00	GP-03 GP-03 (90-94) 06/13/2006 90.00	GP-03 GP-03 (66-70) 06/13/2006 66.00	GP-03 GP-03 (46-50) 06/13/2006 46.00	GP-04 GP-04 (24-28) 06/12/2006 24.00
Trichloroethylene	(ug/l)	5	0.14U	[18]	[430]D	[44]	0.14U
Trichlorofluoromethane	(ug/l)	5					
Vinyl chloride	(ug/l)	2	0.41U	0.41U	0.41U	0.41U	0.41U
1,2-Dichloroethene	(ug/l)	5	2.9U	[8]J	[74]	[33]	2.9U
Cyclohexane	(ug/l)						
Methyl Acetate	(ug/l)						
Methylcyclohexane	(ug/l)						
p-Xylene	(ug/l)						
Xylene (total)	(ug/l)	5	0.33U	0.33U	0.33U	0.33U	0.33U
Total Chlorinated VOCs	(ug/l)		0	74	1166	761	6
TOTAL VOLATILE ORGANICS	(ug/l)		0	74	1166	761	6

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NATIONAL GRID
GLENWOOD LANDING
2006 GROUNDWATER PROBE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/20/2006 thru 06/16/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-04 GP-04 (6-10) 06/12/2006 6.00	GP-04 GP-04 (120-124) 06/14/2006 120.00	GP-04 GP-04 (90-94) 06/14/2006 90.00	GP-04 GP-04 (70-74) 06/14/2006 70.00	GP-04 GP-04 (46-50) 06/14/2006 46.00
1,1,1-Trichloroethane	(ug/l)	5	0.12U	1J	2J	2J	2J
1,1,2,2-Tetrachloroethane	(ug/l)	5	0.35U	0.35U	0.35U	0.35U	0.35U
1,1,2-Trichloroethane	(ug/l)	1	0.24U	0.24U	0.24U	0.24U	0.24U
1,1-Dichloroethane	(ug/l)	5	0.12U	3J	4J	4J	1J
1,1-Dichloroethylene	(ug/l)	5	0.14U	0.14U	1J	1J	0.14U
1,2,4-Trichlorobenzene	(ug/l)	5					
1,2-Dichloroethane	(ug/l)	0.6	0.26U	0.26U	0.26U	0.26U	0.26U
1,2-Dichloropropane	(ug/l)	1	0.33U	0.33U	0.33U	0.33U	0.33U
2-Hexanone	(ug/l)	50	1.4U	1.4U	1.4U	1.4U	1.4U
Acetone	(ug/l)	50	2.8U	10	2.8U	2.8U	2.8U
Benzene	(ug/l)	1.0	0.25U	0.25U	0.25U	0.25U	0.25U
Benzene, 1-methylethyl-	(ug/l)	5					
Bromodichloromethane	(ug/l)	50	0.2U	0.2U	0.2U	0.2U	0.2U
Bromoform	(ug/l)	50	0.47U	0.47U	0.47U	0.47U	0.47U
Carbon disulfide	(ug/l)		0.15U	0.15U	0.15U	0.15U	0.15U
Carbon tetrachloride	(ug/l)	5	0.18U	0.18U	0.18U	0.18U	0.18U
Chlorobenzene	(ug/l)	5	0.34U	0.34U	0.34U	0.34U	0.34U
Chloroethane	(ug/l)	5	0.48U	0.48U	0.48U	0.48U	0.48U
Chloroform	(ug/l)	7	0.27U	0.27U	0.27U	0.27U	0.27U
cis-1,2-Dichloroethylene	(ug/l)	5					
cis-1,3-Dichloropropene	(ug/l)	0.4	0.19U	0.19U	0.19U	0.19U	0.19U

Samples collected in 3/06 were analyzed by Chemtech
Samples collected in 6/06 were analyzed by H2M

The following qualifier(s) exist: CLP Q: U, J =Not analyzed

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NATIONAL GRID
GLENWOOD LANDING
2006 GROUNDWATER PROBE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/20/2006 thru 06/16/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-04 GP-04 (6-10) 06/12/2006 6.00	GP-04 GP-04 (120-124) 06/14/2006 120.00	GP-04 GP-04 (90-94) 06/14/2006 90.00	GP-04 GP-04 (70-74) 06/14/2006 70.00	GP-04 GP-04 (46-50) 06/14/2006 46.00
DBCP	(ug/l)	0.04					
Dibromochloromethane	(ug/l)	50	0.29U	0.29U	0.29U	0.29U	0.29U
Dichlorodifluoromethane	(ug/l)	5					
EDB	(ug/l)	0.0006					
Ethene, 1,2-dichloro-, (E)-	(ug/l)	5					
Ethylbenzene	(ug/l)	5	0.3U	0.3U	0.3U	0.3U	0.3U
Freon 113	(ug/l)						
m-Dichlorobenzene	(ug/l)	3					
Methyl bromide	(ug/l)	5	0.46U	0.46U	0.46U	0.46U	0.46U
Methyl chloride	(ug/l)	5	0.42U	0.42U	0.42U	0.42U	0.42U
Methyl ethyl ketone	(ug/l)	50	0.75U	0.75U	0.75U	0.75U	0.75U
Methyl isobutylketone (MIBK)	(ug/l)		0.3U	0.3U	0.3U	0.3U	0.3U
Methylene chloride	(ug/l)	5	0.2U	0.2U	0.2U	0.2U	0.2U
Methyltert-butylether	(ug/l)	10					
o-Dichlorobenzene	(ug/l)	3					
o-Xylene	(ug/l)						
p-Dichlorobenzene	(ug/l)	3					
Styrene	(ug/l)	5	0.35U	0.35U	0.35U	0.35U	0.35U
Tetrachloroethylene	(ug/l)	5	[11]	[67]	[320]D	[360]D	[24]
Toluene	(ug/l)	5	0.23U	0.23U	0.23U	0.23U	0.23U
trans-1,3-Dichloropropene	(ug/l)	0.4	0.39U	0.39U	0.39U	0.39U	0.39U

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GLENWOOD LANDING
2006 GROUNDWATER PROBE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/20/2006 thru 06/16/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-04 GP-04 (6-10) 06/12/2006 6.00	GP-04 GP-04 (120-124) 06/14/2006 120.00	GP-04 GP-04 (90-94) 06/14/2006 90.00	GP-04 GP-04 (70-74) 06/14/2006 70.00	GP-04 GP-04 (46-50) 06/14/2006 46.00
Trichloroethylene	(ug/l)	5	0.14U	[27]	[98]	[90]	5J
Trichlorofluoromethane	(ug/l)	5					
Vinyl chloride	(ug/l)	2	0.41U	0.41U	0.41U	0.41U	0.41U
1,2-Dichloroethene	(ug/l)	5	2.9U	[16]	[31]	[26]	3J
Cyclohexane	(ug/l)						
Methyl Acetate	(ug/l)						
Methylcyclohexane	(ug/l)						
p-Xylene	(ug/l)						
Xylene (total)	(ug/l)	5	0.33U	0.33U	0.33U	0.33U	0.33U
Total Chlorinated VOCs	(ug/l)		11	114	456	483	35
TOTAL VOLATILE ORGANICS	(ug/l)		11	124	456	483	35

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NATIONAL GRID
GLENWOOD LANDING
2006 GROUNDWATER PROBE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/20/2006 thru 06/16/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-05 GP-05 (24-28) 06/14/2006 24.00	GP-05 GP-05 (4-8) 06/15/2006 4.00	GP-05 GP-05 (122-126) 06/16/2006 122.00	GP-05 GP-05 (110-114) 06/16/2006 110.00	GP-05 GP-05 (84-88) 06/16/2006 84.00
1,1,1-Trichloroethane	(ug/l)	5	0.12U	0.12U	2J	1J	0.12U
1,1,2,2-Tetrachloroethane	(ug/l)	5	0.35U	0.35U	0.35U	0.35U	0.35U
1,1,2-Trichloroethane	(ug/l)	1	0.24U	0.24U	0.24U	0.24U	0.24U
1,1-Dichloroethane	(ug/l)	5	0.12U	0.12U	3J	3J	2J
1,1-Dichloroethylene	(ug/l)	5	0.14U	0.14U	0.14U	0.14U	0.14U
1,2,4-Trichlorobenzene	(ug/l)	5					
1,2-Dichloroethane	(ug/l)	0.6	0.26U	0.26U	0.26U	0.26U	0.26U
1,2-Dichloropropane	(ug/l)	1	0.33U	0.33U	0.33U	0.33U	0.33U
2-Hexanone	(ug/l)	50	1.4U	1.4U	1.4U	1.4U	1.4U
Acetone	(ug/l)	50	2.8U	2.8U	2.8U	2.8U	2.8U
Benzene	(ug/l)	1.0	0.25U	0.25U	0.25U	0.25U	0.25U
Benzene, 1-methylethyl-	(ug/l)	5					
Bromodichloromethane	(ug/l)	50	0.2U	0.2U	0.2U	0.2U	0.2U
Bromoform	(ug/l)	50	0.47U	0.47U	0.47U	0.47U	0.47U
Carbon disulfide	(ug/l)		0.15U	0.15U	0.15U	0.15U	0.15U
Carbon tetrachloride	(ug/l)	5	0.18U	0.18U	0.18U	0.18U	0.18U
Chlorobenzene	(ug/l)	5	0.34U	0.34U	0.34U	0.34U	0.34U
Chloroethane	(ug/l)	5	0.48U	0.48U	0.48U	0.48U	0.48U
Chloroform	(ug/l)	7	0.27U	0.27U	0.27U	0.27U	0.27U
cis-1,2-Dichloroethylene	(ug/l)	5					
cis-1,3-Dichloropropene	(ug/l)	0.4	0.19U	0.19U	0.19U	0.19U	0.19U

Samples collected in 3/06 were analyzed by Chemtech
Samples collected in 6/06 were analyzed by H2M

The following qualifier(s) exist: CLP Q: U, J =Not analyzed

Table 1
NATIONAL GRID
GLENWOOD LANDING
2006 GROUNDWATER PROBE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/20/2006 thru 06/16/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-05 GP-05 (24-28) 06/14/2006 24.00	GP-05 GP-05 (4-8) 06/15/2006 4.00	GP-05 GP-05 (122-126) 06/16/2006 122.00	GP-05 GP-05 (110-114) 06/16/2006 110.00	GP-05 GP-05 (84-88) 06/16/2006 84.00
DBCP	(ug/l)	0.04					
Dibromochloromethane	(ug/l)	50	0.29U	0.29U	0.29U	0.29U	0.29U
Dichlorodifluoromethane	(ug/l)	5					
EDB	(ug/l)	0.0006					
Ethene, 1,2-dichloro-, (E)-	(ug/l)	5					
Ethylbenzene	(ug/l)	5	0.3U	0.3U	0.3U	0.3U	0.3U
Freon 113	(ug/l)						
m-Dichlorobenzene	(ug/l)	3					
Methyl bromide	(ug/l)	5	0.46U	0.46U	0.46U	0.46U	0.46U
Methyl chloride	(ug/l)	5	0.42U	0.42U	0.42U	0.42U	0.42U
Methyl ethyl ketone	(ug/l)	50	0.75U	0.75U	0.75U	0.75U	0.75U
Methyl isobutylketone (MIBK)	(ug/l)		0.3U	0.3U	0.3U	0.3U	0.3U
Methylene chloride	(ug/l)	5	0.2U	0.2U	0.2U	0.2U	0.2U
Methyltert-butylether	(ug/l)	10					
o-Dichlorobenzene	(ug/l)	3					
o-Xylene	(ug/l)						
p-Dichlorobenzene	(ug/l)	3					
Styrene	(ug/l)	5	0.35U	0.35U	0.35U	0.35U	0.35U
Tetrachloroethylene	(ug/l)	5	[7]J	0.42U	[160]	[460]D	[170]
Toluene	(ug/l)	5	0.23U	1J	0.23U	0.23U	0.23U
trans-1,3-Dichloropropene	(ug/l)	0.4	0.39U	0.39U	0.39U	0.39U	0.39U

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Samples collected in 6/06 were analyzed by H2M

[x]=Greater than Action Level The following qualifier(s) exist: CLP Q: U, J,
D =Not analyzed

Table 1
NATIONAL GRID
GLENWOOD LANDING
2006 GROUNDWATER PROBE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/20/2006 thru 06/16/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-05 GP-05 (24-28) 06/14/2006 24.00	GP-05 GP-05 (4-8) 06/15/2006 4.00	GP-05 GP-05 (122-126) 06/16/2006 122.00	GP-05 GP-05 (110-114) 06/16/2006 110.00	GP-05 GP-05 (84-88) 06/16/2006 84.00
Trichloroethylene	(ug/l)	5	0.14U	0.14U	[37]	[54]	4J
Trichlorofluoromethane	(ug/l)	5					
Vinyl chloride	(ug/l)	2	0.41U	0.41U	0.41U	0.41U	0.41U
1,2-Dichloroethene	(ug/l)	5	2.9U	2.9U	[21]	[31]	[9]J
Cyclohexane	(ug/l)						
Methyl Acetate	(ug/l)						
Methylcyclohexane	(ug/l)						
p-Xylene	(ug/l)						
Xylene (total)	(ug/l)	5	0.33U	0.33U	0.33U	0.33U	0.33U
Total Chlorinated VOCs	(ug/l)		7	0	223	549	185
TOTAL VOLATILE ORGANICS	(ug/l)		7	1	223	549	185

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Table 1
NATIONAL GRID
GLENWOOD LANDING
2006 GROUNDWATER PROBE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/20/2006 thru 06/16/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-05 GP-05 (54-58) 06/16/2006 54.00	GP-06 GP-06 (24-28) 06/12/2006 24.00	GP-06 GP-06 (8-12) 06/13/2006 8.00	GP-06 GP-06 (128-132) 06/13/2006 128.00	GP-06 GP-06 (110-114) 06/13/2006 110.00
1,1,1-Trichloroethane	(ug/l)	5	1J	0.12U	0.12U	2J	1J
1,1,2,2-Tetrachloroethane	(ug/l)	5	0.35U	0.35U	0.35U	0.35U	0.35U
1,1,2-Trichloroethane	(ug/l)	1	0.24U	0.24U	0.24U	0.24U	0.24U
1,1-Dichloroethane	(ug/l)	5	0.12U	0.12U	0.12U	3J	2J
1,1-Dichloroethylene	(ug/l)	5	0.14U	0.14U	0.14U	0.14U	0.14U
1,2,4-Trichlorobenzene	(ug/l)	5					
1,2-Dichloroethane	(ug/l)	0.6	0.26U	0.26U	0.26U	0.26U	0.26U
1,2-Dichloropropane	(ug/l)	1	0.33U	0.33U	0.33U	0.33U	0.33U
2-Hexanone	(ug/l)	50	1.4U	1.4U	1.4U	1.4U	1.4U
Acetone	(ug/l)	50	2.8U	2.8U	16	2.8U	2.8U
Benzene	(ug/l)	1.0	0.25U	0.25U	0.25U	0.25U	0.25U
Benzene, 1-methylethyl-	(ug/l)	5					
Bromodichloromethane	(ug/l)	50	0.2U	0.2U	0.2U	0.2U	0.2U
Bromoform	(ug/l)	50	0.47U	0.47U	0.47U	0.47U	0.47U
Carbon disulfide	(ug/l)		0.15U	0.15U	0.15U	0.15U	0.15U
Carbon tetrachloride	(ug/l)	5	0.18U	0.18U	0.18U	0.18U	0.18U
Chlorobenzene	(ug/l)	5	0.34U	0.34U	0.34U	0.34U	0.34U
Chloroethane	(ug/l)	5	0.48U	0.48U	0.48U	0.48U	0.48U
Chloroform	(ug/l)	7	0.27U	0.27U	0.27U	0.27U	0.27U
cis-1,2-Dichloroethylene	(ug/l)	5					
cis-1,3-Dichloropropene	(ug/l)	0.4	0.19U	0.19U	0.19U	0.19U	0.19U

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Table 1
NATIONAL GRID
GLENWOOD LANDING
2006 GROUNDWATER PROBE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/20/2006 thru 06/16/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-05 GP-05 (54-58) 06/16/2006 54.00	GP-06 GP-06 (24-28) 06/12/2006 24.00	GP-06 GP-06 (8-12) 06/13/2006 8.00	GP-06 GP-06 (128-132) 06/13/2006 128.00	GP-06 GP-06 (110-114) 06/13/2006 110.00
DBCP	(ug/l)	0.04					
Dibromochloromethane	(ug/l)	50	0.29U	0.29U	0.29U	0.29U	0.29U
Dichlorodifluoromethane	(ug/l)	5					
EDB	(ug/l)	0.0006					
Ethene, 1,2-dichloro-, (E)-	(ug/l)	5					
Ethylbenzene	(ug/l)	5	0.3U	0.3U	0.3U	0.3U	0.3U
Freon 113	(ug/l)						
m-Dichlorobenzene	(ug/l)	3					
Methyl bromide	(ug/l)	5	0.46U	0.46U	0.46U	0.46U	0.46U
Methyl chloride	(ug/l)	5	0.42U	0.42U	0.42U	0.42U	0.42U
Methyl ethyl ketone	(ug/l)	50	0.75U	0.75U	0.75U	0.75U	0.75U
Methyl isobutylketone (MIBK)	(ug/l)		0.3U	0.3U	0.3U	0.3U	0.3U
Methylene chloride	(ug/l)	5	0.2U	0.2U	0.2U	0.2U	0.2U
Methyltert-butylether	(ug/l)	10					
o-Dichlorobenzene	(ug/l)	3					
o-Xylene	(ug/l)						
p-Dichlorobenzene	(ug/l)	3					
Styrene	(ug/l)	5	0.35U	0.35U	0.35U	0.35U	0.35U
Tetrachloroethylene	(ug/l)	5	5J	0.42U	[6]J	[68]	[190]
Toluene	(ug/l)	5	0.23U	0.23U	0.23U	0.23U	0.23U
trans-1,3-Dichloropropene	(ug/l)	0.4	0.39U	0.39U	0.39U	0.39U	0.39U

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NATIONAL GRID
GLENWOOD LANDING
2006 GROUNDWATER PROBE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/20/2006 thru 06/16/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-05 GP-05 (54-58) 06/16/2006 54.00	GP-06 GP-06 (24-28) 06/12/2006 24.00	GP-06 GP-06 (8-12) 06/13/2006 8.00	GP-06 GP-06 (128-132) 06/13/2006 128.00	GP-06 GP-06 (110-114) 06/13/2006 110.00
Trichloroethylene	(ug/l)	5	0.14U	0.14U	0.14U	[10]	[38]
Trichlorofluoromethane	(ug/l)	5					
Vinyl chloride	(ug/l)	2	0.41U	0.41U	0.41U	0.41U	0.41U
1,2-Dichloroethene	(ug/l)	5	2.9U	2.9U	2.9U	[6]J	[17]
Cyclohexane	(ug/l)						
Methyl Acetate	(ug/l)						
Methylcyclohexane	(ug/l)						
p-Xylene	(ug/l)						
Xylene (total)	(ug/l)	5	0.33U	0.33U	0.33U	0.33U	0.33U
Total Chlorinated VOCs	(ug/l)		6	0	6	89	248
TOTAL VOLATILE ORGANICS	(ug/l)		6	0	22	89	248

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Table 1
NATIONAL GRID
GLENWOOD LANDING
2006 GROUNDWATER PROBE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/20/2006 thru 06/16/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-06 GP-06 (90-94) 06/13/2006 90.00	GP-06 GP-06 (54-58) 06/13/2006 54.00	GP-07 GP-07 (24-28) 06/14/2006 24.00	GP-07 GP-07 (6-10) 06/14/2006 6.00	GP-07 GP-07 (110-114) 06/16/2006 110.00
1,1,1-Trichloroethane	(ug/l)	5	1J	0.12U	1J	0.12U	2J
1,1,2,2-Tetrachloroethane	(ug/l)	5	0.35U	0.35U	0.35U	0.35U	0.35U
1,1,2-Trichloroethane	(ug/l)	1	0.24U	0.24U	0.24U	0.24U	0.24U
1,1-Dichloroethane	(ug/l)	5	2J	0.12U	0.12U	0.12U	3J
1,1-Dichloroethylene	(ug/l)	5	0.14U	0.14U	0.14U	0.14U	0.14U
1,2,4-Trichlorobenzene	(ug/l)	5					
1,2-Dichloroethane	(ug/l)	0.6	0.26U	0.26U	0.26U	0.26U	0.26U
1,2-Dichloropropane	(ug/l)	1	0.33U	0.33U	0.33U	0.33U	0.33U
2-Hexanone	(ug/l)	50	1.4U	1.4U	1.4U	1.4U	1.4U
Acetone	(ug/l)	50	2.8U	2.8U	2.8U	2.8U	2.8U
Benzene	(ug/l)	1.0	0.25U	0.25U	0.25U	0.25U	0.25U
Benzene, 1-methylethyl-	(ug/l)	5					
Bromodichloromethane	(ug/l)	50	0.2U	0.2U	0.2U	0.2U	0.2U
Bromoform	(ug/l)	50	0.47U	0.47U	0.47U	0.47U	0.47U
Carbon disulfide	(ug/l)		0.15U	0.15U	0.15U	0.15U	0.15U
Carbon tetrachloride	(ug/l)	5	0.18U	0.18U	0.18U	0.18U	0.18U
Chlorobenzene	(ug/l)	5	0.34U	0.34U	0.34U	0.34U	0.34U
Chloroethane	(ug/l)	5	0.48U	0.48U	0.48U	0.48U	0.48U
Chloroform	(ug/l)	7	0.27U	0.27U	0.27U	0.27U	0.27U
cis-1,2-Dichloroethylene	(ug/l)	5					
cis-1,3-Dichloropropene	(ug/l)	0.4	0.19U	0.19U	0.19U	0.19U	0.19U

Samples collected in 3/06 were analyzed by Chemtech
Samples collected in 6/06 were analyzed by H2M

The following qualifier(s) exist: CLP Q: J, U =Not analyzed

Table 1
NATIONAL GRID
GLENWOOD LANDING
2006 GROUNDWATER PROBE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/20/2006 thru 06/16/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-06 GP-06 (90-94) 06/13/2006 90.00	GP-06 GP-06 (54-58) 06/13/2006 54.00	GP-07 GP-07 (24-28) 06/14/2006 24.00	GP-07 GP-07 (6-10) 06/14/2006 6.00	GP-07 GP-07 (110-114) 06/16/2006 110.00
DBCP	(ug/l)	0.04					
Dibromochloromethane	(ug/l)	50	0.29U	0.29U	0.29U	0.29U	0.29U
Dichlorodifluoromethane	(ug/l)	5					
EDB	(ug/l)	0.0006					
Ethene, 1,2-dichloro-, (E)-	(ug/l)	5					
Ethylbenzene	(ug/l)	5	0.3U	0.3U	0.3U	2J	0.3U
Freon 113	(ug/l)						
m-Dichlorobenzene	(ug/l)	3					
Methyl bromide	(ug/l)	5	0.46U	0.46U	0.46U	0.46U	0.46U
Methyl chloride	(ug/l)	5	0.42U	0.42U	0.42U	0.42U	0.42U
Methyl ethyl ketone	(ug/l)	50	0.75U	0.75U	0.75U	0.75U	0.75U
Methyl isobutylketone (MIBK)	(ug/l)		0.3U	0.3U	0.3U	0.3U	0.3U
Methylene chloride	(ug/l)	5	0.2U	0.2U	0.2U	0.2U	0.2U
Methyltert-butylether	(ug/l)	10					
o-Dichlorobenzene	(ug/l)	3					
o-Xylene	(ug/l)						
p-Dichlorobenzene	(ug/l)	3					
Styrene	(ug/l)	5	0.35U	0.35U	0.35U	0.35U	0.35U
Tetrachloroethylene	(ug/l)	5	[180]	[39]	2J	1J	[120]
Toluene	(ug/l)	5	0.23U	0.23U	0.23U	0.23U	0.23U
trans-1,3-Dichloropropene	(ug/l)	0.4	0.39U	0.39U	0.39U	0.39U	0.39U

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Samples collected in 6/06 were analyzed by H2M

[x]=Greater than Action Level The following qualifier(s) exist: CLP Q: U, J
=Not analyzed

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NATIONAL GRID
GLENWOOD LANDING
2006 GROUNDWATER PROBE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/20/2006 thru 06/16/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-06 GP-06 (90-94) 06/13/2006 90.00	GP-06 GP-06 (54-58) 06/13/2006 54.00	GP-07 GP-07 (24-28) 06/14/2006 24.00	GP-07 GP-07 (6-10) 06/14/2006 6.00	GP-07 GP-07 (110-114) 06/16/2006 110.00
Trichloroethylene	(ug/l)	5	[38]	3J	0.14U	0.14U	[72]
Trichlorofluoromethane	(ug/l)	5					
Vinyl chloride	(ug/l)	2	0.41U	0.41U	0.41U	0.41U	0.41U
1,2-Dichloroethene	(ug/l)	5	[17]	5J	2.9U	2.9U	[25]
Cyclohexane	(ug/l)						
Methyl Acetate	(ug/l)						
Methylcyclohexane	(ug/l)						
p-Xylene	(ug/l)						
Xylene (total)	(ug/l)	5	0.33U	0.33U	0.33U	[9]J	0.33U
Total Chlorinated VOCs	(ug/l)		238	47	3	1	222
TOTAL VOLATILE ORGANICS	(ug/l)		238	47	3	12	222

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NATIONAL GRID
GLENWOOD LANDING
2006 GROUNDWATER PROBE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/20/2006 thru 06/16/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-07 GP-07 (84-88) 06/16/2006 84.00	GP-07 GP-07 (54-58) 06/16/2006 54.00
1,1,1-Trichloroethane	(ug/l)	5	0.12U	0.12U
1,1,2,2-Tetrachloroethane	(ug/l)	5	0.35U	0.35U
1,1,2-Trichloroethane	(ug/l)	1	0.24U	0.24U
1,1-Dichloroethane	(ug/l)	5	0.12U	0.12U
1,1-Dichloroethylene	(ug/l)	5	0.14U	0.14U
1,2,4-Trichlorobenzene	(ug/l)	5		
1,2-Dichloroethane	(ug/l)	0.6	0.26U	0.26U
1,2-Dichloropropane	(ug/l)	1	0.33U	0.33U
2-Hexanone	(ug/l)	50	1.4U	1.4U
Acetone	(ug/l)	50	2.8U	2.8U
Benzene	(ug/l)	1.0	0.25U	0.25U
Benzene, 1-methylethyl-	(ug/l)	5		
Bromodichloromethane	(ug/l)	50	0.2U	0.2U
Bromoform	(ug/l)	50	0.47U	0.47U
Carbon disulfide	(ug/l)		0.15U	0.15U
Carbon tetrachloride	(ug/l)	5	0.18U	0.18U
Chlorobenzene	(ug/l)	5	0.34U	0.34U
Chloroethane	(ug/l)	5	0.48U	0.48U
Chloroform	(ug/l)	7	0.27U	0.27U
cis-1,2-Dichloroethylene	(ug/l)	5		
cis-1,3-Dichloropropene	(ug/l)	0.4	0.19U	0.19U

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Samples collected in 6/06 were analyzed by H2M

The following qualifier(s) exist: CLP Q: U =Not analyzed

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NATIONAL GRID
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2006 GROUNDWATER PROBE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/20/2006 thru 06/16/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-07 GP-07 (84-88) 06/16/2006 84.00	GP-07 GP-07 (54-58) 06/16/2006 54.00
DBCP	(ug/l)	0.04		
Dibromochloromethane	(ug/l)	50	0.29U	0.29U
Dichlorodifluoromethane	(ug/l)	5		
EDB	(ug/l)	0.0006		
Ethene, 1,2-dichloro-, (E)-	(ug/l)	5		
Ethylbenzene	(ug/l)	5	0.3U	0.3U
Freon 113	(ug/l)			
m-Dichlorobenzene	(ug/l)	3		
Methyl bromide	(ug/l)	5	0.46U	0.46U
Methyl chloride	(ug/l)	5	0.42U	0.42U
Methyl ethyl ketone	(ug/l)	50	0.75U	0.75U
Methyl isobutylketone (MIBK)	(ug/l)		0.3U	0.3U
Methylene chloride	(ug/l)	5	0.2U	0.2U
Methyltert-butylether	(ug/l)	10		
o-Dichlorobenzene	(ug/l)	3		
o-Xylene	(ug/l)			
p-Dichlorobenzene	(ug/l)	3		
Styrene	(ug/l)	5	0.35U	0.35U
Tetrachloroethylene	(ug/l)	5	[31]	[6]J
Toluene	(ug/l)	5	0.23U	0.23U
trans-1,3-Dichloropropene	(ug/l)	0.4	0.39U	0.39U

Samples collected in 3/06 were analyzed by Chemtech
Samples collected in 6/06 were analyzed by H2M

[x]=Greater than Action Level The following qualifier(s) exist: CLP Q: U, J
=Not analyzed

Table 1
NATIONAL GRID
GLENWOOD LANDING
2006 GROUNDWATER PROBE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/20/2006 thru 06/16/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-07 GP-07 (84-88) 06/16/2006 84.00	GP-07 GP-07 (54-58) 06/16/2006 54.00
Trichloroethylene	(ug/l)	5	3J	1J
Trichlorofluoromethane	(ug/l)	5		
Vinyl chloride	(ug/l)	2	0.41U	0.41U
1,2-Dichloroethene	(ug/l)	5	2.9U	2.9U
Cyclohexane	(ug/l)			
Methyl Acetate	(ug/l)			
Methylcyclohexane	(ug/l)			
p-Xylene	(ug/l)			
Xylene (total)	(ug/l)	5	0.33U	0.33U
Total Chlorinated VOCs	(ug/l)		34	7
TOTAL VOLATILE ORGANICS	(ug/l)		34	7

Samples collected in 3/06 were analyzed by Chemtech
Samples collected in 6/06 were analyzed by H2M

The following qualifier(s) exist: CLP Q: U =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-08 GP-08 (31-35) 07/23/2007 31.00	GP-08 GP-08 (116-120) 07/23/2007 116.00	GP-08 GP-08 (101-105) 07/23/2007 101.00	GP-08 GP-08 (86-90) 07/23/2007 86.00	GP-08 GP-08 (71-75) 07/23/2007 71.00
1,1,1,2-Tetrachloroethane	(ug/l)	5	0.43U	0.68U	0.68U	0.68U	0.43U
1,1,1-Trichloroethane	(ug/l)	5	0.43U	0.72U	0.72U	0.72U	0.66J
1,1,2,2-Tetrachloroethane	(ug/l)	5	0.55U	0.81U	0.81U	0.81U	0.55U
1,1,2-Trichloroethane	(ug/l)	1	0.42U	0.86U	0.86U	0.86U	0.42U
1,1-Dichloroethane	(ug/l)	5	0.36U	0.78U	0.78U	0.78U	0.36U
1,1-Dichloroethylene	(ug/l)	5	0.37U	0.78U	0.78U	0.78U	0.37U
1,1-Dichloropropene	(ug/l)	5	0.21U	0.69U	0.69U	0.69U	0.21U
1,2,3-Trichlorobenzene	(ug/l)	5	0.52U	0.51U	0.51U	0.51U	0.52U
1,2,3-Trichloropropane	(ug/l)	0.04	0.71U	1.08U	1.08U	1.08U	0.71U
1,2,4,5-Tetramethylbenzene	(ug/l)		0.42U	0.6U	0.6U	0.6U	0.42U
1,2,4-Trichlorobenzene	(ug/l)	5	0.42U	0.56U	0.56U	0.56U	0.42U
1,2-Dichloroethane	(ug/l)	0.6	0.32U	0.7U	0.7U	0.7U	0.32U
1,2-Dichloropropane	(ug/l)	1	0.49U	0.65U	0.65U	0.65U	0.49U
1,3-Dichloropropane	(ug/l)	5	0.38U	0.66U	0.66U	0.66U	0.38U
2,2-Dichloropropane	(ug/l)	5	0.47U	0.49U	0.49U	0.49U	0.47U
2-Hexanone	(ug/l)	50	0.31U	2.21U	2.21U	2.21U	0.31U
4-Ethyltoluene	(ug/l)		0.4U	0.59U	0.59U	0.59U	0.4U
Acetone	(ug/l)	50	0.79U	[75.1]	2.36U	2.36U	0.79U
Acrylonitrile	(ug/l)	5	2.04U	4.55U	4.55U	4.55U	2.04U
Benzene	(ug/l)	1.0	0.91J	[18.9]	0.98J	0.73U	0.34U
Benzene, 1,2,4-trimethyl	(ug/l)	5	0.38U	0.84J	0.54U	0.54U	0.38U

Samples were analyzed by ETL

[x]=Greater than Action Level The following qualifier(s) exist: CLP Q: U, J
=Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-08 GP-08 (31-35) 07/23/2007 31.00	GP-08 GP-08 (116-120) 07/23/2007 116.00	GP-08 GP-08 (101-105) 07/23/2007 101.00	GP-08 GP-08 (86-90) 07/23/2007 86.00	GP-08 GP-08 (71-75) 07/23/2007 71.00
Benzene, 1,3,5-trimethyl-	(ug/l)	5	0.34U	0.56U	0.56U	0.56U	0.34U
Benzene, 1-methylethyl-	(ug/l)	5	0.33U	0.64U	0.64U	0.64U	0.33U
Bromobenzene	(ug/l)	5	0.38U	0.67U	0.67U	0.67U	0.38U
Bromodichloromethane	(ug/l)	50	0.45U	0.67U	0.67U	0.67U	0.45U
Bromoform	(ug/l)	50	0.46U	0.67U	0.67U	0.67U	0.46U
Carbon disulfide	(ug/l)		0.32U	0.74U	0.74U	0.74U	0.32U
Carbon tetrachloride	(ug/l)	5	0.3U	0.68U	0.68U	0.68U	0.3U
Chlorobenzene	(ug/l)	5	0.36U	0.7U	0.7U	0.7U	0.36U
Chlorobromomethane	(ug/l)	5	0.61U	0.69U	0.69U	0.69U	0.61U
Chlorodifluoromethane	(ug/l)		0.35U	0.77U	0.77U	0.77U	0.35U
Chloroethane	(ug/l)	5	0.75U	1.34U	1.34U	1.34U	0.75U
Chloroform	(ug/l)	7	0.39U	0.76U	0.76U	0.76U	0.39U
cis-1,2-Dichloroethylene	(ug/l)	5	0.43U	3.87J	0.68U	0.68U	0.43U
cis-1,3-Dichloropropene	(ug/l)	0.4	0.41U	0.53U	0.53U	0.53U	0.41U
DBCP	(ug/l)	0.04	0.7U	0.64U	0.64U	0.64U	0.7U
Dibromochloromethane	(ug/l)	50	0.45U	0.68U	0.68U	0.68U	0.45U
Dichlorodifluoromethane	(ug/l)	5	0.34U	0.7U	0.7U	0.7U	0.34U
Diethyl benzene (mixed isomers)	(ug/l)		0.39U	0.58U	0.58U	0.58U	0.39U
EDB	(ug/l)	0.0006	0.36U	0.71U	0.71U	0.71U	0.36U
Ethene, 1,2-dichloro-, (E)-	(ug/l)	5	0.38U	0.67U	0.67U	0.67U	0.38U
Ethene,(2-chloroethoxy)-	(ug/l)		1.77U	1.29U	1.29U	1.29U	1.77U

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U, J =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-08 GP-08 (31-35) 07/23/2007 31.00	GP-08 GP-08 (116-120) 07/23/2007 116.00	GP-08 GP-08 (101-105) 07/23/2007 101.00	GP-08 GP-08 (86-90) 07/23/2007 86.00	GP-08 GP-08 (71-75) 07/23/2007 71.00
Ethylbenzene	(ug/l)	5	0.44U	3.42J	0.7U	0.7U	0.44U
Freon 113	(ug/l)		0.46U	0.61U	0.61U	0.61U	0.46U
Hexachlorobutadiene	(ug/l)	0.5	0.49U	0.53U	0.53U	0.53U	0.49U
m-Dichlorobenzene	(ug/l)	3	0.45U	0.63U	0.63U	0.63U	0.45U
Methyl bromide	(ug/l)	5	0.52U	0.89U	0.89U	0.89U	0.52U
Methyl chloride	(ug/l)	5	0.73U	0.75U	0.75U	0.75U	0.73U
Methyl ethyl ketone	(ug/l)	50	0.96U	22.2J	2.31U	2.31U	0.96U
Methyl isobutylketone (MIBK)	(ug/l)		0.49U	2.48U	2.48U	2.48U	0.49U
Methylene bromide	(ug/l)	5	0.41U	0.69U	0.69U	0.69U	0.41U
Methylene chloride	(ug/l)	5	0.44U	0.79U	0.79U	0.79U	0.44U
Methyltert-butylether	(ug/l)	10	1.74J	5.76	0.74U	0.74U	0.4U
m-Xylene	(ug/l)		0.78U	3.36J	1.15U	1.15U	0.78U
Naphthalene	(ug/l)	10	0.54U	0.62U	0.62U	0.62U	0.54U
n-Butylbenzene	(ug/l)	5	0.39U	0.58U	0.58U	0.58U	0.39U
n-Propylbenzene	(ug/l)	5	0.36U	0.64U	0.64U	0.64U	0.36U
o-Chlorotoluene	(ug/l)	5	0.43U	0.61U	0.61U	0.61U	0.43U
o-Dichlorobenzene	(ug/l)	3	0.41U	0.64U	0.64U	0.64U	0.41U
o-Xylene	(ug/l)		0.44U	0.68U	0.68U	0.68U	0.44U
p-Chlorotoluene	(ug/l)	5	0.46U	0.6U	0.6U	0.6U	0.46U
p-Cymene	(ug/l)		0.37U	0.54U	0.54U	0.54U	0.37U
p-Dichlorobenzene	(ug/l)	3	0.46U	0.66U	0.66U	0.66U	0.46U

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U, J =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-08 GP-08 (31-35) 07/23/2007 31.00	GP-08 GP-08 (116-120) 07/23/2007 116.00	GP-08 GP-08 (101-105) 07/23/2007 101.00	GP-08 GP-08 (86-90) 07/23/2007 86.00	GP-08 GP-08 (71-75) 07/23/2007 71.00
sec-Butylbenzene	(ug/l)	5	0.42U	0.58U	0.58U	0.58U	0.42U
Styrene	(ug/l)	5	0.33U	0.6U	0.6U	0.6U	0.33U
tert-amyl methyl ether	(ug/l)		0.41U	0.43U	0.43U	0.43U	0.41U
tert-Butyl alcohol	(ug/l)		21.4U	52.3	9.13U	9.13U	21.4U
tert-Butylbenzene	(ug/l)	5	0.48U	0.56U	0.56U	0.56U	0.48U
Tetrachloroethylene	(ug/l)	5	0.18U	0.63U	0.63U	0.63U	0.18U
Toluene	(ug/l)	5	0.4U	[7.09]	0.55U	0.55U	0.4U
trans-1,3-Dichloropropene	(ug/l)	0.4	0.42U	0.64U	0.64U	0.64U	0.42U
Trichloroethylene	(ug/l)	5	0.28U	0.69U	0.69U	0.69U	0.28U
Trichlorofluoromethane	(ug/l)	5	0.34U	0.69U	0.69U	0.69U	0.34U
Vinyl chloride	(ug/l)	2	0.38U	0.73U	0.73U	0.73U	0.38U
Total Chlorinated VOCs	(ug/l)		0	3.87	0	0	0.66
TOTAL VOLATILE ORGANICS	(ug/l)		2.65	192.84	0.98	0	0.66

Samples were analyzed by ETL

[x]=Greater than Action Level The following qualifier(s) exist: CLP Q: U
=Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-08 GP-08 (51-55) 07/23/2007 51.00	GP-08 GP-'08(11-15) 07/23/2007 11.00	GP-09 GP-09(124-128) 07/24/2007 124.00	GP-09 GP-09(109-113) 07/24/2007 109.00	GP-09 GP-09(94-98) 07/24/2007 94.00
1,1,1,2-Tetrachloroethane	(ug/l)	5	0.43U	0.68U	0.68U	0.68U	0.68U
1,1,1-Trichloroethane	(ug/l)	5	0.43U	0.72U	0.72U	0.72U	0.72U
1,1,2,2-Tetrachloroethane	(ug/l)	5	0.55U	0.81U	0.81U	0.81U	0.81U
1,1,2-Trichloroethane	(ug/l)	1	0.42U	0.86U	0.86U	0.86U	0.86U
1,1-Dichloroethane	(ug/l)	5	0.36U	0.78U	0.78U	0.78U	0.78U
1,1-Dichloroethylene	(ug/l)	5	0.37U	0.78U	0.78U	0.78U	0.78U
1,1-Dichloropropene	(ug/l)	5	0.21U	0.69U	0.69U	0.69U	0.69U
1,2,3-Trichlorobenzene	(ug/l)	5	0.52U	0.51U	0.51U	0.51U	0.51U
1,2,3-Trichloropropane	(ug/l)	0.04	0.71U	1.08U	1.08U	1.08U	1.08U
1,2,4,5-Tetramethylbenzene	(ug/l)		0.42U	4.77J	0.6U	0.6U	0.6U
1,2,4-Trichlorobenzene	(ug/l)	5	0.42U	0.56U	0.56U	0.56U	0.56U
1,2-Dichloroethane	(ug/l)	0.6	0.32U	0.7U	0.7U	0.7U	0.7U
1,2-Dichloropropane	(ug/l)	1	0.49U	0.65U	0.65U	0.65U	0.65U
1,3-Dichloropropane	(ug/l)	5	0.38U	0.66U	0.66U	0.66U	0.66U
2,2-Dichloropropane	(ug/l)	5	0.47U	0.49U	0.49U	0.49U	0.49U
2-Hexanone	(ug/l)	50	0.31U	2.21U	2.21U	2.21U	2.21U
4-Ethyltoluene	(ug/l)		0.4U	19.8	0.59U	0.59U	0.59U
Acetone	(ug/l)	50	0.79U	33.3	2.36U	2.36U	2.36U
Acrylonitrile	(ug/l)	5	2.04U	4.55U	4.55U	4.55U	4.55U
Benzene	(ug/l)	1.0	[1.07]J	[226]	0.73U	0.73U	0.73U
Benzene, 1,2,4-trimethyl	(ug/l)	5	0.38U	[32.5]	0.54U	0.54U	0.54U

Samples were analyzed by ETL

[x]=Greater than Action Level The following qualifier(s) exist: CLP Q: U, J
=Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-08 GP-08 (51-55) 07/23/2007 51.00	GP-08 GP-'08(11-15) 07/23/2007 11.00	GP-09 GP-09(124-128) 07/24/2007 124.00	GP-09 GP-09(109-113) 07/24/2007 109.00	GP-09 GP-09(94-98) 07/24/2007 94.00
Benzene, 1,3,5-trimethyl-	(ug/l)	5	0.34U	[5.37]	0.56U	0.56U	0.56U
Benzene, 1-methylethyl-	(ug/l)	5	0.33U	[10.6]	0.64U	0.64U	0.64U
Bromobenzene	(ug/l)	5	0.38U	0.67U	0.67U	0.67U	0.67U
Bromodichloromethane	(ug/l)	50	0.45U	0.67U	0.67U	0.67U	0.67U
Bromoform	(ug/l)	50	0.46U	0.67U	0.67U	0.67U	0.67U
Carbon disulfide	(ug/l)		0.32U	0.74U	0.74U	0.74U	0.74U
Carbon tetrachloride	(ug/l)	5	0.3U	0.68U	0.68U	0.68U	0.68U
Chlorobenzene	(ug/l)	5	0.36U	0.7U	0.7U	0.7U	0.7U
Chlorobromomethane	(ug/l)	5	0.61U	0.69U	0.69U	0.69U	0.69U
Chlorodifluoromethane	(ug/l)		0.35U	0.77U	0.77U	0.77U	0.77U
Chloroethane	(ug/l)	5	0.75U	1.34U	1.34U	1.34U	1.34U
Chloroform	(ug/l)	7	0.39U	0.76U	0.76U	0.76U	0.76U
cis-1,2-Dichloroethylene	(ug/l)	5	0.43U	1.84J	0.68U	0.68U	0.68U
cis-1,3-Dichloropropene	(ug/l)	0.4	0.41U	0.53U	0.53U	0.53U	0.53U
DBCP	(ug/l)	0.04	0.7U	0.64U	0.64U	0.64U	0.64U
Dibromochloromethane	(ug/l)	50	0.45U	0.68U	0.68U	0.68U	0.68U
Dichlorodifluoromethane	(ug/l)	5	0.34U	0.7U	0.7U	0.7U	0.7U
Diethyl benzene (mixed isomers)	(ug/l)		0.39U	1.99J	0.58U	0.58U	0.58U
EDB	(ug/l)	0.0006	0.36U	0.71U	0.71U	0.71U	0.71U
Ethene, 1,2-dichloro-, (E)-	(ug/l)	5	0.38U	0.67U	0.67U	0.67U	0.67U
Ethene,(2-chloroethoxy)-	(ug/l)		1.77U	1.29U	1.29U	1.29U	1.29U

Samples were analyzed by ETL

[x]=Greater than Action Level The following qualifier(s) exist: CLP Q: U, J
=Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-08 GP-08 (51-55) 07/23/2007 51.00	GP-08 GP-'08(11-15) 07/23/2007 11.00	GP-09 GP-09(124-128) 07/24/2007 124.00	GP-09 GP-09(109-113) 07/24/2007 109.00	GP-09 GP-09(94-98) 07/24/2007 94.00
Ethylbenzene	(ug/l)	5	0.44U	[79.4]	0.7U	0.7U	0.7U
Freon 113	(ug/l)		0.46U	0.61U	0.61U	0.61U	0.61U
Hexachlorobutadiene	(ug/l)	0.5	0.49U	0.53U	0.53U	0.53U	0.53U
m-Dichlorobenzene	(ug/l)	3	0.45U	0.63U	0.63U	0.63U	0.63U
Methyl bromide	(ug/l)	5	0.52U	0.89U	0.89U	0.89U	0.89U
Methyl chloride	(ug/l)	5	0.73U	0.75U	0.75U	0.75U	0.75U
Methyl ethyl ketone	(ug/l)	50	0.96U	37.8	2.31U	2.31U	2.31U
Methyl isobutylketone (MIBK)	(ug/l)		0.49U	2.48U	2.48U	2.48U	2.48U
Methylene bromide	(ug/l)	5	0.41U	0.69U	0.69U	0.69U	0.69U
Methylene chloride	(ug/l)	5	0.44U	0.79U	0.79U	0.79U	0.79U
Methyltert-butylether	(ug/l)	10	1.46J	[30.1]	0.74U	0.74U	0.74U
m-Xylene	(ug/l)		0.78U	157	1.15U	1.15U	1.15U
Naphthalene	(ug/l)	10	0.54U	[21]	0.62U	0.62U	0.62U
n-Butylbenzene	(ug/l)	5	0.39U	0.58U	0.58U	0.58U	0.58U
n-Propylbenzene	(ug/l)	5	0.36U	[16.2]	0.64U	0.64U	0.64U
o-Chlorotoluene	(ug/l)	5	0.43U	0.61U	0.61U	0.61U	0.61U
o-Dichlorobenzene	(ug/l)	3	0.41U	0.64U	0.64U	0.64U	0.64U
o-Xylene	(ug/l)		0.44U	62.7	0.68U	0.68U	0.68U
p-Chlorotoluene	(ug/l)	5	0.46U	0.6U	0.6U	0.6U	0.6U
p-Cymene	(ug/l)		0.37U	0.54U	0.54U	0.54U	0.54U
p-Dichlorobenzene	(ug/l)	3	0.46U	0.66U	0.66U	0.66U	0.66U

Samples were analyzed by ETL

[x]=Greater than Action Level The following qualifier(s) exist: CLP Q: U, J
=Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-08 GP-08 (51-55) 07/23/2007 51.00	GP-08 GP-'08(11-15) 07/23/2007 11.00	GP-09 GP-09(124-128) 07/24/2007 124.00	GP-09 GP-09(109-113) 07/24/2007 109.00	GP-09 GP-09(94-98) 07/24/2007 94.00
sec-Butylbenzene	(ug/l)	5	0.42U	1.34J	0.58U	0.58U	0.58U
Styrene	(ug/l)	5	0.33U	0.6U	0.6U	0.6U	0.6U
tert-amyl methyl ether	(ug/l)		0.41U	0.43U	0.43U	0.43U	0.43U
tert-Butyl alcohol	(ug/l)		21.4U	153	9.13U	9.13U	9.13U
tert-Butylbenzene	(ug/l)	5	0.48U	0.56U	0.56U	0.56U	0.56U
Tetrachloroethylene	(ug/l)	5	0.18U	0.63U	0.63U	0.63U	0.63U
Toluene	(ug/l)	5	0.4U	[111]	0.55U	0.55U	0.55U
trans-1,3-Dichloropropene	(ug/l)	0.4	0.42U	0.64U	0.64U	0.64U	0.64U
Trichloroethylene	(ug/l)	5	0.28U	0.69U	0.69U	0.69U	0.69U
Trichlorofluoromethane	(ug/l)	5	0.34U	0.69U	0.69U	0.69U	0.69U
Vinyl chloride	(ug/l)	2	0.38U	0.73U	0.73U	0.73U	0.73U
Total Chlorinated VOCs	(ug/l)		0	1.84	0	0	0
TOTAL VOLATILE ORGANICS	(ug/l)		2.53	1005.71	0	0	0

Samples were analyzed by ETL

[x]=Greater than Action Level The following qualifier(s) exist: CLP Q: U
=Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-09 GP-09(79-83) 07/24/2007 79.00	GP-09 GP-09(59-63) 07/24/2007 59.00	GP-09 GP-09(39-43) 07/24/2007 39.00	GP-09 GP-09(20-24) 07/24/2007 20.00	GP-09 GP-09(8-12)* 07/24/2007 8.00
1,1,1,2-Tetrachloroethane	(ug/l)	5	0.68U	0.43U	0.43U	0.68U	0.68U
1,1,1-Trichloroethane	(ug/l)	5	0.72U	0.43U	0.43U	0.72U	0.72U
1,1,2,2-Tetrachloroethane	(ug/l)	5	0.81U	0.55U	0.55U	0.81U	0.81U
1,1,2-Trichloroethane	(ug/l)	1	0.86U	0.42U	0.42U	0.86U	0.86U
1,1-Dichloroethane	(ug/l)	5	0.78U	0.36U	0.36U	0.78U	0.78U
1,1-Dichloroethylene	(ug/l)	5	0.78U	0.37U	0.37U	0.78U	0.78U
1,1-Dichloropropene	(ug/l)	5	0.69U	0.21U	0.21U	0.69U	0.69U
1,2,3-Trichlorobenzene	(ug/l)	5	0.51U	0.52U	0.52U	0.51U	0.51U
1,2,3-Trichloropropane	(ug/l)	0.04	1.08U	0.71U	0.71U	1.08U	1.08U
1,2,4,5-Tetramethylbenzene	(ug/l)		0.6U	0.42U	0.42U	0.6U	0.6U
1,2,4-Trichlorobenzene	(ug/l)	5	0.56U	0.42U	0.42U	0.56U	0.56U
1,2-Dichloroethane	(ug/l)	0.6	0.7U	0.32U	0.32U	0.7U	0.7U
1,2-Dichloropropane	(ug/l)	1	0.65U	0.49U	0.49U	0.65U	0.65U
1,3-Dichloropropane	(ug/l)	5	0.66U	0.38U	0.38U	0.66U	0.66U
2,2-Dichloropropane	(ug/l)	5	0.49U	0.47U	0.47U	0.49U	0.49U
2-Hexanone	(ug/l)	50	2.21U	0.31U	0.31U	2.21U	2.21U
4-Ethyltoluene	(ug/l)		0.59U	0.4U	0.4U	0.59U	0.59U
Acetone	(ug/l)	50	2.36U	0.79U	0.79U	2.36U	2.36U
Acrylonitrile	(ug/l)	5	4.55U	2.04U	2.04U	4.55U	4.55U
Benzene	(ug/l)	1.0	0.73U	0.34U	0.34U	0.73U	0.73U
Benzene, 1,2,4-trimethyl	(ug/l)	5	0.54U	0.38U	0.38U	0.54U	0.54U

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-09 GP-09(79-83) 07/24/2007 79.00	GP-09 GP-09(59-63) 07/24/2007 59.00	GP-09 GP-09(39-43) 07/24/2007 39.00	GP-09 GP-09(20-24) 07/24/2007 20.00	GP-09 GP-09(8-12)* 07/24/2007 8.00
Benzene, 1,3,5-trimethyl-	(ug/l)	5	0.56U	0.34U	0.34U	0.56U	0.56U
Benzene, 1-methylethyl-	(ug/l)	5	0.64U	0.33U	0.33U	0.64U	0.64U
Bromobenzene	(ug/l)	5	0.67U	0.38U	0.38U	0.67U	0.67U
Bromodichloromethane	(ug/l)	50	0.67U	0.45U	0.45U	0.67U	0.67U
Bromoform	(ug/l)	50	0.67U	0.46U	0.46U	0.67U	0.67U
Carbon disulfide	(ug/l)		0.74U	0.32U	0.32U	0.74U	0.74U
Carbon tetrachloride	(ug/l)	5	0.68U	0.3U	0.3U	0.68U	0.68U
Chlorobenzene	(ug/l)	5	0.7U	0.36U	0.36U	0.7U	0.7U
Chlorobromomethane	(ug/l)	5	0.69U	0.61U	0.61U	0.69U	0.69U
Chlorodifluoromethane	(ug/l)		0.77U	0.35U	0.35U	0.77U	0.77U
Chloroethane	(ug/l)	5	1.34U	0.75U	0.75U	1.34U	1.34U
Chloroform	(ug/l)	7	0.76U	0.39U	0.39U	0.76U	0.76U
cis-1,2-Dichloroethylene	(ug/l)	5	0.68U	0.43U	0.43U	0.68U	0.68U
cis-1,3-Dichloropropene	(ug/l)	0.4	0.53U	0.41U	0.41U	0.53U	0.53U
DBCP	(ug/l)	0.04	0.64U	0.7U	0.7U	0.64U	0.64U
Dibromochloromethane	(ug/l)	50	0.68U	0.45U	0.45U	0.68U	0.68U
Dichlorodifluoromethane	(ug/l)	5	0.7U	0.34U	0.34U	0.7U	0.7U
Diethyl benzene (mixed isomers)	(ug/l)		0.58U	0.39U	0.39U	0.58U	0.58U
EDB	(ug/l)	0.0006	0.71U	0.36U	0.36U	0.71U	0.71U
Ethene, 1,2-dichloro-, (E)-	(ug/l)	5	0.67U	0.38U	0.38U	0.67U	0.67U
Ethene,(2-chloroethoxy)-	(ug/l)		1.29U	1.77U	1.77U	1.29U	1.29U

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-09 GP-09(79-83) 07/24/2007 79.00	GP-09 GP-09(59-63) 07/24/2007 59.00	GP-09 GP-09(39-43) 07/24/2007 39.00	GP-09 GP-09(20-24) 07/24/2007 20.00	GP-09 GP-09(8-12)* 07/24/2007 8.00
Ethylbenzene	(ug/l)	5	0.7U	0.44U	0.44U	0.7U	0.7U
Freon 113	(ug/l)		0.61U	0.46U	0.46U	0.61U	0.61U
Hexachlorobutadiene	(ug/l)	0.5	0.53U	0.49U	0.49U	0.53U	0.53U
m-Dichlorobenzene	(ug/l)	3	0.63U	0.45U	0.45U	0.63U	0.63U
Methyl bromide	(ug/l)	5	0.89U	0.52U	0.52U	0.89U	0.89U
Methyl chloride	(ug/l)	5	0.75U	0.73U	0.73U	0.75U	0.75U
Methyl ethyl ketone	(ug/l)	50	2.31U	0.96U	0.96U	2.31U	2.31U
Methyl isobutylketone (MIBK)	(ug/l)		2.48U	0.49U	0.49U	2.48U	2.48U
Methylene bromide	(ug/l)	5	0.69U	0.41U	0.41U	0.69U	0.69U
Methylene chloride	(ug/l)	5	0.79U	0.44U	0.44U	0.79U	0.79U
Methyltert-butylether	(ug/l)	10	0.74U	0.4U	0.4U	0.74U	0.74U
m-Xylene	(ug/l)		1.15U	0.78U	0.78U	1.15U	1.15U
Naphthalene	(ug/l)	10	0.62U	0.54U	0.54U	0.62U	0.62U
n-Butylbenzene	(ug/l)	5	0.58U	0.39U	0.39U	0.58U	0.58U
n-Propylbenzene	(ug/l)	5	0.64U	0.36U	0.36U	0.64U	0.64U
o-Chlorotoluene	(ug/l)	5	0.61U	0.43U	0.43U	0.61U	0.61U
o-Dichlorobenzene	(ug/l)	3	0.64U	0.41U	0.41U	0.64U	0.64U
o-Xylene	(ug/l)		0.68U	0.44U	0.44U	0.68U	0.68U
p-Chlorotoluene	(ug/l)	5	0.6U	0.46U	0.46U	0.6U	0.6U
p-Cymene	(ug/l)		0.54U	0.37U	0.37U	0.54U	0.54U
p-Dichlorobenzene	(ug/l)	3	0.66U	0.46U	0.46U	0.66U	0.66U

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-09 GP-09(79-83) 07/24/2007 79.00	GP-09 GP-09(59-63) 07/24/2007 59.00	GP-09 GP-09(39-43) 07/24/2007 39.00	GP-09 GP-09(20-24) 07/24/2007 20.00	GP-09 GP-09(8-12)* 07/24/2007 8.00
sec-Butylbenzene	(ug/l)	5	0.58U	0.42U	0.42U	0.58U	0.58U
Styrene	(ug/l)	5	0.6U	0.33U	0.33U	0.6U	0.6U
tert-amyl methyl ether	(ug/l)		0.43U	0.41U	0.41U	0.43U	0.43U
tert-Butyl alcohol	(ug/l)		9.13U	21.4U	21.4U	9.13U	9.13U
tert-Butylbenzene	(ug/l)	5	0.56U	0.48U	0.48U	0.56U	0.56U
Tetrachloroethylene	(ug/l)	5	0.63U	0.18U	0.18U	0.63U	0.63U
Toluene	(ug/l)	5	0.55U	0.4U	0.4U	0.55U	0.55U
trans-1,3-Dichloropropene	(ug/l)	0.4	0.64U	0.42U	0.42U	0.64U	0.64U
Trichloroethylene	(ug/l)	5	0.69U	0.28U	0.28U	0.69U	0.69U
Trichlorofluoromethane	(ug/l)	5	0.69U	0.34U	0.34U	0.69U	0.69U
Vinyl chloride	(ug/l)	2	0.73U	0.38U	0.38U	0.73U	0.73U
Total Chlorinated VOCs	(ug/l)		0	0	0	0	0
TOTAL VOLATILE ORGANICS	(ug/l)		0	0	0	0	0

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-10 GP-10(124-128) 07/25/2007 124.00	GP-10 GP-10(109-113) 07/25/2007 109.00	GP-10 GP-10(94-98) 07/25/2007 94.00	GP-10 GP-10(79-83) 07/25/2007 79.00	GP-10 GP-10(59-63) 07/25/2007 59.00
1,1,1,2-Tetrachloroethane	(ug/l)	5	0.68U	0.68U	0.68U	0.43U	0.43U
1,1,1-Trichloroethane	(ug/l)	5	0.72U	0.72U	0.72U	0.64J	0.43U
1,1,2,2-Tetrachloroethane	(ug/l)	5	0.81U	0.81U	0.81U	0.55U	0.55U
1,1,2-Trichloroethane	(ug/l)	1	0.86U	0.86U	0.86U	0.42U	0.42U
1,1-Dichloroethane	(ug/l)	5	0.78U	0.78U	0.78U	0.36U	0.36U
1,1-Dichloroethylene	(ug/l)	5	0.78U	0.78U	0.78U	0.37U	0.37U
1,1-Dichloropropene	(ug/l)	5	0.69U	0.69U	0.69U	0.21U	0.21U
1,2,3-Trichlorobenzene	(ug/l)	5	0.51U	0.51U	0.51U	0.52U	0.52U
1,2,3-Trichloropropane	(ug/l)	0.04	1.08U	1.08U	1.08U	0.71U	0.71U
1,2,4,5-Tetramethylbenzene	(ug/l)		0.6U	0.6U	0.6U	0.42U	0.42U
1,2,4-Trichlorobenzene	(ug/l)	5	0.56U	0.56U	0.56U	0.42U	0.42U
1,2-Dichloroethane	(ug/l)	0.6	0.7U	0.7U	0.7U	0.32U	0.32U
1,2-Dichloropropane	(ug/l)	1	0.65U	0.65U	0.65U	0.49U	0.49U
1,3-Dichloropropane	(ug/l)	5	0.66U	0.66U	0.66U	0.38U	0.38U
2,2-Dichloropropane	(ug/l)	5	0.49U	0.49U	0.49U	0.47U	0.47U
2-Hexanone	(ug/l)	50	2.21U	2.21U	2.21U	0.31U	0.31U
4-Ethyltoluene	(ug/l)		0.59U	0.59U	0.59U	0.4U	0.4U
Acetone	(ug/l)	50	2.36U	2.36U	2.36U	0.79U	0.79U
Acrylonitrile	(ug/l)	5	4.55U	4.55U	4.55U	2.04U	2.04U
Benzene	(ug/l)	1.0	0.73U	0.73U	0.73U	0.34U	0.34U
Benzene, 1,2,4-trimethyl	(ug/l)	5	0.54U	0.54U	0.54U	0.38U	0.38U

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U, J =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-10 GP-10(124-128) 07/25/2007 124.00	GP-10 GP-10(109-113) 07/25/2007 109.00	GP-10 GP-10(94-98) 07/25/2007 94.00	GP-10 GP-10(79-83) 07/25/2007 79.00	GP-10 GP-10(59-63) 07/25/2007 59.00
Benzene, 1,3,5-trimethyl-	(ug/l)	5	0.56U	0.56U	0.56U	0.34U	0.34U
Benzene, 1-methylethyl-	(ug/l)	5	0.64U	0.64U	0.64U	0.33U	0.33U
Bromobenzene	(ug/l)	5	0.67U	0.67U	0.67U	0.38U	0.38U
Bromodichloromethane	(ug/l)	50	0.67U	0.67U	0.67U	0.45U	0.45U
Bromoform	(ug/l)	50	0.67U	0.67U	0.67U	0.46U	0.46U
Carbon disulfide	(ug/l)		0.74U	0.74U	0.74U	0.32U	0.32U
Carbon tetrachloride	(ug/l)	5	0.68U	0.68U	0.68U	0.3U	0.3U
Chlorobenzene	(ug/l)	5	0.7U	0.7U	0.7U	0.36U	0.36U
Chlorobromomethane	(ug/l)	5	0.69U	0.69U	0.69U	0.61U	0.61U
Chlorodifluoromethane	(ug/l)		0.77U	0.77U	0.77U	0.35U	0.35U
Chloroethane	(ug/l)	5	1.34U	1.34U	1.34U	0.75U	0.75U
Chloroform	(ug/l)	7	0.76U	0.76U	0.76U	0.39U	0.39U
cis-1,2-Dichloroethylene	(ug/l)	5	0.68U	0.68U	0.68U	0.43U	0.43U
cis-1,3-Dichloropropene	(ug/l)	0.4	0.53U	0.53U	0.53U	0.41U	0.41U
DBCP	(ug/l)	0.04	0.64U	0.64U	0.64U	0.7U	0.7U
Dibromochloromethane	(ug/l)	50	0.68U	0.68U	0.68U	0.45U	0.45U
Dichlorodifluoromethane	(ug/l)	5	0.7U	0.7U	0.7U	0.34U	0.34U
Diethyl benzene (mixed isomers)	(ug/l)		0.58U	0.58U	0.58U	0.39U	0.39U
EDB	(ug/l)	0.0006	0.71U	0.71U	0.71U	0.36U	0.36U
Ethene, 1,2-dichloro-, (E)-	(ug/l)	5	0.67U	0.67U	0.67U	0.38U	0.38U
Ethene,(2-chloroethoxy)-	(ug/l)		1.29U	1.29U	1.29U	1.77U	1.77U

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-10 GP-10(124-128) 07/25/2007 124.00	GP-10 GP-10(109-113) 07/25/2007 109.00	GP-10 GP-10(94-98) 07/25/2007 94.00	GP-10 GP-10(79-83) 07/25/2007 79.00	GP-10 GP-10(59-63) 07/25/2007 59.00
Ethylbenzene	(ug/l)	5	0.7U	0.7U	0.7U	0.44U	0.44U
Freon 113	(ug/l)		0.61U	0.61U	0.61U	0.46U	0.46U
Hexachlorobutadiene	(ug/l)	0.5	0.53U	0.53U	0.53U	0.49U	0.49U
m-Dichlorobenzene	(ug/l)	3	0.63U	0.63U	0.63U	0.45U	0.45U
Methyl bromide	(ug/l)	5	0.89U	0.89U	0.89U	0.52U	0.52U
Methyl chloride	(ug/l)	5	0.75U	0.75U	0.75U	0.73U	0.73U
Methyl ethyl ketone	(ug/l)	50	2.31U	2.31U	2.31U	0.96U	0.96U
Methyl isobutylketone (MIBK)	(ug/l)		2.48U	2.48U	2.48U	0.49U	0.49U
Methylene bromide	(ug/l)	5	0.69U	0.69U	0.69U	0.41U	0.41U
Methylene chloride	(ug/l)	5	0.79U	0.79U	0.79U	0.44U	0.44U
Methyltert-butylether	(ug/l)	10	0.74U	0.74U	0.74U	0.4U	1.46J
m-Xylene	(ug/l)		1.15U	1.15U	1.15U	0.78U	0.78U
Naphthalene	(ug/l)	10	0.62U	0.62U	0.62U	0.54U	0.54U
n-Butylbenzene	(ug/l)	5	0.58U	0.58U	0.58U	0.39U	0.39U
n-Propylbenzene	(ug/l)	5	0.64U	0.64U	0.64U	0.36U	0.36U
o-Chlorotoluene	(ug/l)	5	0.61U	0.61U	0.61U	0.43U	0.43U
o-Dichlorobenzene	(ug/l)	3	0.64U	0.64U	0.64U	0.41U	0.41U
o-Xylene	(ug/l)		0.68U	0.68U	0.68U	0.44U	0.44U
p-Chlorotoluene	(ug/l)	5	0.6U	0.6U	0.6U	0.46U	0.46U
p-Cymene	(ug/l)		0.54U	0.54U	0.54U	0.37U	0.37U
p-Dichlorobenzene	(ug/l)	3	0.66U	0.66U	0.66U	0.46U	0.46U

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U, J =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-10 GP-10(124-128) 07/25/2007 124.00	GP-10 GP-10(109-113) 07/25/2007 109.00	GP-10 GP-10(94-98) 07/25/2007 94.00	GP-10 GP-10(79-83) 07/25/2007 79.00	GP-10 GP-10(59-63) 07/25/2007 59.00
sec-Butylbenzene	(ug/l)	5	0.58U	0.58U	0.58U	0.42U	0.42U
Styrene	(ug/l)	5	0.6U	0.6U	0.6U	0.33U	0.33U
tert-amyl methyl ether	(ug/l)		0.43U	0.43U	0.43U	0.41U	0.41U
tert-Butyl alcohol	(ug/l)		9.13U	9.13U	9.13U	21.4U	21.4U
tert-Butylbenzene	(ug/l)	5	0.56U	0.56U	0.56U	0.48U	0.48U
Tetrachloroethylene	(ug/l)	5	0.63U	0.63U	0.63U	0.18U	0.18U
Toluene	(ug/l)	5	0.55U	0.55U	0.55U	0.4U	0.4U
trans-1,3-Dichloropropene	(ug/l)	0.4	0.64U	0.64U	0.64U	0.42U	0.42U
Trichloroethylene	(ug/l)	5	0.69U	0.69U	0.69U	0.28U	0.28U
Trichlorofluoromethane	(ug/l)	5	0.69U	0.69U	0.69U	0.34U	0.34U
Vinyl chloride	(ug/l)	2	0.73U	0.73U	0.73U	0.38U	0.38U
Total Chlorinated VOCs	(ug/l)		0	0	0	0.64	0
TOTAL VOLATILE ORGANICS	(ug/l)		0	0	0	0.64	1.46

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-10 GP-10(39-43) 07/25/2007 39.00	GP-10 GP-10(20-24) 07/25/2007 20.00	GP-11 GP-11 (120-124) 11/05/2007 120.00	GP-11 GP-11 (110-114) 11/05/2007 110.00	GP-11 GP-11 (96-100) 11/05/2007 96.00
1,1,1,2-Tetrachloroethane	(ug/l)	5	0.43U	0.43U	0.25U	0.25U	0.25U
1,1,1-Trichloroethane	(ug/l)	5	0.43U	0.43U	0.24U	1.17J	0.85J
1,1,2,2-Tetrachloroethane	(ug/l)	5	0.55U	0.55U	0.31U	0.31U	0.31U
1,1,2-Trichloroethane	(ug/l)	1	0.42U	0.42U	0.28U	0.28U	0.28U
1,1-Dichloroethane	(ug/l)	5	0.36U	0.36U	1.34J	1.97J	1.53J
1,1-Dichloroethylene	(ug/l)	5	0.37U	0.37U	0.23U	0.23U	0.23U
1,1-Dichloropropene	(ug/l)	5	0.21U	0.21U	0.25U	0.25U	0.25U
1,2,3-Trichlorobenzene	(ug/l)	5	0.52U	0.52U	0.22U	0.22U	0.22U
1,2,3-Trichloropropane	(ug/l)	0.04	0.71U	0.71U	0.33U	0.33U	0.33U
1,2,4,5-Tetramethylbenzene	(ug/l)		0.42U	0.42U	0.23U	0.23U	0.23U
1,2,4-Trichlorobenzene	(ug/l)	5	0.42U	0.42U	0.22U	0.22U	0.22U
1,2-Dichloroethane	(ug/l)	0.6	0.32U	0.32U	0.28U	0.28U	0.28U
1,2-Dichloropropane	(ug/l)	1	0.49U	0.49U	0.25U	0.25U	0.25U
1,3-Dichloropropane	(ug/l)	5	0.38U	0.38U	0.23U	0.23U	0.23U
2,2-Dichloropropane	(ug/l)	5	0.47U	0.47U	0.94U	0.94U	0.94U
2-Hexanone	(ug/l)	50	0.31U	0.31U	0.75U	0.75U	0.75U
4-Ethyltoluene	(ug/l)		0.4U	0.4U	0.28U	0.28U	0.28U
Acetone	(ug/l)	50	0.79U	0.79U	2.5U	2.5U	2.5U
Acrylonitrile	(ug/l)	5	2.04U	2.04U	0.79U	0.79U	0.79U
Benzene	(ug/l)	1.0	0.34U	0.34U	0.25U	0.25U	0.25U
Benzene, 1,2,4-trimethyl	(ug/l)	5	0.38U	0.38U	0.27U	0.27U	0.27U

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U, J =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-10 GP-10(39-43) 07/25/2007 39.00	GP-10 GP-10(20-24) 07/25/2007 20.00	GP-11 GP-11 (120-124) 11/05/2007 120.00	GP-11 GP-11 (110-114) 11/05/2007 110.00	GP-11 GP-11 (96-100) 11/05/2007 96.00
Benzene, 1,3,5-trimethyl-	(ug/l)	5	0.34U	0.34U	0.38U	0.38U	0.38U
Benzene, 1-methylethyl-	(ug/l)	5	0.33U	0.33U	0.21U	0.21U	0.21U
Bromobenzene	(ug/l)	5	0.38U	0.38U	0.3U	0.3U	0.3U
Bromodichloromethane	(ug/l)	50	0.45U	0.45U	0.26U	0.26U	0.26U
Bromoform	(ug/l)	50	0.46U	0.46U	0.17U	0.17U	0.17U
Carbon disulfide	(ug/l)		0.32U	0.32U	0.22U	0.22U	0.22U
Carbon tetrachloride	(ug/l)	5	0.3U	0.3U	0.22U	0.22U	0.22U
Chlorobenzene	(ug/l)	5	0.36U	1.08J	0.23U	0.23U	0.23U
Chlorobromomethane	(ug/l)	5	0.61U	0.61U	0.25U	0.25U	0.25U
Chlorodifluoromethane	(ug/l)		0.35U	0.35U	0.29U	0.29U	0.29U
Chloroethane	(ug/l)	5	0.75U	0.75U	0.84U	0.84U	0.84U
Chloroform	(ug/l)	7	0.39U	0.39U	0.24U	0.24U	0.24U
cis-1,2-Dichloroethylene	(ug/l)	5	0.43U	0.43U	0.75U	0.75U	0.75U
cis-1,3-Dichloropropene	(ug/l)	0.4	0.41U	0.41U	0.21U	0.21U	0.21U
DBCP	(ug/l)	0.04	0.7U	0.7U	0.25U	0.25U	0.25U
Dibromochloromethane	(ug/l)	50	0.45U	0.45U	0.23U	0.23U	0.23U
Dichlorodifluoromethane	(ug/l)	5	0.34U	0.34U	0.22U	0.22U	0.22U
Diethyl benzene (mixed isomers)	(ug/l)		0.39U	0.39U	0.24U	0.24U	0.24U
EDB	(ug/l)	0.0006	0.36U	0.36U	0.24U	0.24U	0.24U
Ethene, 1,2-dichloro-, (E)-	(ug/l)	5	0.38U	0.38U	0.23U	0.23U	0.23U
Ethene,(2-chloroethoxy)-	(ug/l)		1.77U	1.77U	21.6U	21.6U	21.6U

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U, J =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-10 GP-10(39-43) 07/25/2007 39.00	GP-10 GP-10(20-24) 07/25/2007 20.00	GP-11 GP-11 (120-124) 11/05/2007 120.00	GP-11 GP-11 (110-114) 11/05/2007 110.00	GP-11 GP-11 (96-100) 11/05/2007 96.00
Ethylbenzene	(ug/l)	5	0.44U	0.44U	0.27U	0.27U	0.27U
Freon 113	(ug/l)		0.46U	0.46U	0.21U	0.21U	0.21U
Hexachlorobutadiene	(ug/l)	0.5	0.49U	0.49U	1.36U	1.36U	1.36U
m-Dichlorobenzene	(ug/l)	3	0.45U	0.45U	0.28U	0.28U	0.28U
Methyl bromide	(ug/l)	5	0.52U	0.52U	0.39U	0.39U	0.39U
Methyl chloride	(ug/l)	5	0.73U	0.73U	0.29U	0.29U	0.29U
Methyl ethyl ketone	(ug/l)	50	0.96U	0.96U	1.06U	1.06U	1.06U
Methyl isobutylketone (MIBK)	(ug/l)		0.49U	0.49U	0.82U	0.82U	0.82U
Methylene bromide	(ug/l)	5	0.41U	0.41U	0.21U	0.21U	0.21U
Methylene chloride	(ug/l)	5	0.44U	0.44U	0.2U	0.2U	0.2U
Methyltert-butylether	(ug/l)	10	0.4U	0.4U	0.35U	0.35U	0.35U
m-Xylene	(ug/l)		0.78U	0.78U	0.53U	0.53U	0.53U
Naphthalene	(ug/l)	10	0.54U	0.54U	0.21U	0.21U	0.21U
n-Butylbenzene	(ug/l)	5	0.39U	0.39U	0.31U	0.31U	0.31U
n-Propylbenzene	(ug/l)	5	0.36U	0.36U	0.35U	0.35U	0.35U
o-Chlorotoluene	(ug/l)	5	0.43U	0.43U	0.33U	0.33U	0.33U
o-Dichlorobenzene	(ug/l)	3	0.41U	0.41U	0.25U	0.25U	0.25U
o-Xylene	(ug/l)		0.44U	0.44U	0.23U	0.23U	0.23U
p-Chlorotoluene	(ug/l)	5	0.46U	0.46U	0.3U	0.3U	0.3U
p-Cymene	(ug/l)		0.37U	0.37U	0.29U	0.29U	0.29U
p-Dichlorobenzene	(ug/l)	3	0.46U	0.46U	0.3U	0.3U	0.3U

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-10 GP-10(39-43) 07/25/2007 39.00	GP-10 GP-10(20-24) 07/25/2007 20.00	GP-11 GP-11 (120-124) 11/05/2007 120.00	GP-11 GP-11 (110-114) 11/05/2007 110.00	GP-11 GP-11 (96-100) 11/05/2007 96.00
sec-Butylbenzene	(ug/l)	5	0.42U	0.42U	0.26U	0.26U	0.26U
Styrene	(ug/l)	5	0.33U	0.33U	0.24U	0.24U	0.24U
tert-amyl methyl ether	(ug/l)		0.41U	0.41U	0.26U	0.26U	0.26U
tert-Butyl alcohol	(ug/l)		21.4U	21.4U	2.65U	2.65U	2.65U
tert-Butylbenzene	(ug/l)	5	0.48U	0.48U	0.35U	0.35U	0.35U
Tetrachloroethylene	(ug/l)	5	0.18U	0.18U	[7.02]	1.57J	0.97J
Toluene	(ug/l)	5	0.4U	0.4U	0.29U	0.29U	0.29U
trans-1,3-Dichloropropene	(ug/l)	0.4	0.42U	0.42U	0.25U	0.25U	0.25U
Trichloroethylene	(ug/l)	5	0.28U	0.28U	1.41J	0.67J	0.62J
Trichlorofluoromethane	(ug/l)	5	0.34U	0.34U	0.34U	0.34U	0.34U
Vinyl chloride	(ug/l)	2	0.38U	0.38U	0.18U	0.18U	0.18U
Total Chlorinated VOCs	(ug/l)		0	0	9.77	5.38	3.97
TOTAL VOLATILE ORGANICS	(ug/l)		0	1.08	9.77	5.38	3.97

Samples were analyzed by ETL

[x]=Greater than Action Level The following qualifier(s) exist: CLP Q: U, J
=Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-11 GP-11 (84-88) 11/05/2007 84.00	GP-11 GP-11 (54-58) 11/05/2007 54.00	GP-11 GP-11 (24-28) 11/05/2007 24.00	GP-11 GP-11 (6-10) 11/05/2007 6.00	GP-12 GP-12 (120-124) 11/09/2007 120.00
1,1,1,2-Tetrachloroethane	(ug/l)	5	0.25U	0.25U	0.25U	0.25U	0.47U
1,1,1-Trichloroethane	(ug/l)	5	0.75J	3.15J	2.6J	2.1J	0.41U
1,1,2,2-Tetrachloroethane	(ug/l)	5	0.31U	0.31U	0.31U	0.31U	0.46U
1,1,2-Trichloroethane	(ug/l)	1	0.28U	0.28U	0.28U	0.28U	0.46U
1,1-Dichloroethane	(ug/l)	5	1.46J	3.98J	3.73J	4.18J	2.95J
1,1-Dichloroethylene	(ug/l)	5	0.23U	1.52J	1.23J	1.11J	0.54U
1,1-Dichloropropene	(ug/l)	5	0.25U	0.25U	0.25U	0.25U	0.52U
1,2,3-Trichlorobenzene	(ug/l)	5	0.22U	0.22U	0.22U	0.22U	0.6U
1,2,3-Trichloropropane	(ug/l)	0.04	0.33U	0.33U	0.33U	0.33U	0.54U
1,2,4,5-Tetramethylbenzene	(ug/l)		0.23U	0.23U	0.23U	0.23U	0.44U
1,2,4-Trichlorobenzene	(ug/l)	5	0.22U	0.22U	0.22U	0.22U	0.48U
1,2-Dichloroethane	(ug/l)	0.6	0.28U	0.28U	0.28U	0.28U	0.34U
1,2-Dichloropropane	(ug/l)	1	0.25U	0.25U	0.25U	0.25U	0.46U
1,3-Dichloropropane	(ug/l)	5	0.23U	0.23U	0.23U	0.23U	0.4U
2,2-Dichloropropane	(ug/l)	5	0.94U	0.94U	0.94U	0.94U	0.39U
2-Hexanone	(ug/l)	50	0.75U	0.75U	0.75U	0.75U	1.59U
4-Ethyltoluene	(ug/l)		0.28U	0.28U	0.28U	0.28U	0.51U
Acetone	(ug/l)	50	2.5U	2.5U	2.5U	2.5U	9.59U
Acrylonitrile	(ug/l)	5	0.79U	0.79U	0.79U	0.79U	1.97U
Benzene	(ug/l)	1.0	0.25U	0.25U	0.25U	0.25U	0.43U
Benzene, 1,2,4-trimethyl	(ug/l)	5	0.27U	0.27U	0.27U	0.27U	0.45U

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U, J =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-11 GP-11 (84-88) 11/05/2007 84.00	GP-11 GP-11 (54-58) 11/05/2007 54.00	GP-11 GP-11 (24-28) 11/05/2007 24.00	GP-11 GP-11 (6-10) 11/05/2007 6.00	GP-12 GP-12 (120-124) 11/09/2007 120.00
Benzene, 1,3,5-trimethyl-	(ug/l)	5	0.38U	0.38U	0.38U	0.38U	0.45U
Benzene, 1-methylethyl-	(ug/l)	5	0.21U	0.21U	0.21U	0.21U	0.43U
Bromobenzene	(ug/l)	5	0.3U	0.3U	0.3U	0.3U	0.46U
Bromodichloromethane	(ug/l)	50	0.26U	0.26U	0.26U	0.26U	0.39U
Bromoform	(ug/l)	50	0.17U	0.17U	0.17U	0.17U	0.41U
Carbon disulfide	(ug/l)		0.22U	0.22U	0.22U	0.22U	0.42U
Carbon tetrachloride	(ug/l)	5	0.22U	0.22U	0.22U	0.22U	0.47U
Chlorobenzene	(ug/l)	5	0.23U	0.23U	0.23U	0.23U	0.4U
Chlorobromomethane	(ug/l)	5	0.25U	0.25U	0.25U	0.25U	0.44U
Chlorodifluoromethane	(ug/l)		0.29U	0.29U	0.29U	0.29U	0.48U
Chloroethane	(ug/l)	5	0.84U	0.84U	0.84U	0.84U	0.89U
Chloroform	(ug/l)	7	0.24U	0.87J	0.84J	0.85J	0.4U
cis-1,2-Dichloroethylene	(ug/l)	5	0.75U	[38]	[22.1]	[64.3]	2.15J
cis-1,3-Dichloropropene	(ug/l)	0.4	0.21U	0.21U	0.21U	0.21U	0.44U
DBCP	(ug/l)	0.04	0.25U	0.25U	0.25U	0.25U	0.51U
Dibromochloromethane	(ug/l)	50	0.23U	0.23U	0.23U	0.23U	0.38U
Dichlorodifluoromethane	(ug/l)	5	0.22U	0.22U	0.22U	0.22U	0.45U
Diethyl benzene (mixed isomers)	(ug/l)		0.24U	0.24U	0.24U	0.24U	0.43U
EDB	(ug/l)	0.0006	0.24U	0.24U	0.24U	0.24U	0.44U
Ethene, 1,2-dichloro-, (E)-	(ug/l)	5	0.23U	0.23U	0.23U	0.23U	0.53U
Ethene,(2-chloroethoxy)-	(ug/l)		21.6U	21.6U	21.6U	21.6U	0.65U

Samples were analyzed by ETL

[x]=Greater than Action Level The following qualifier(s) exist: CLP Q: U, J
=Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-11 GP-11 (84-88) 11/05/2007 84.00	GP-11 GP-11 (54-58) 11/05/2007 54.00	GP-11 GP-11 (24-28) 11/05/2007 24.00	GP-11 GP-11 (6-10) 11/05/2007 6.00	GP-12 GP-12 (120-124) 11/09/2007 120.00
Ethylbenzene	(ug/l)	5	0.27U	0.27U	0.27U	0.27U	0.45U
Freon 113	(ug/l)		0.21U	0.21U	0.21U	0.21U	0.45U
Hexachlorobutadiene	(ug/l)	0.5	1.36U	1.36U	1.36U	1.36U	0.93U
m-Dichlorobenzene	(ug/l)	3	0.28U	0.28U	0.28U	0.28U	0.44U
Methyl bromide	(ug/l)	5	0.39U	0.39U	0.39U	0.39U	0.87U
Methyl chloride	(ug/l)	5	0.29U	0.29U	0.29U	0.29U	0.69U
Methyl ethyl ketone	(ug/l)	50	1.06U	1.06U	1.06U	1.06U	2.19U
Methyl isobutylketone (MIBK)	(ug/l)		0.82U	0.82U	0.82U	0.82U	1.68U
Methylene bromide	(ug/l)	5	0.21U	0.21U	0.21U	0.21U	0.42U
Methylene chloride	(ug/l)	5	0.2U	0.2U	0.2U	0.2U	0.47U
Methyltert-butylether	(ug/l)	10	0.35U	0.35U	1.56J	2.11J	2.56J
m-Xylene	(ug/l)		0.53U	0.53U	0.53U	0.53U	0.91U
Naphthalene	(ug/l)	10	0.21U	0.21U	0.21U	0.21U	0.52U
n-Butylbenzene	(ug/l)	5	0.31U	0.31U	0.31U	0.31U	0.44U
n-Propylbenzene	(ug/l)	5	0.35U	0.35U	0.35U	0.35U	0.44U
o-Chlorotoluene	(ug/l)	5	0.33U	0.33U	0.33U	0.33U	0.46U
o-Dichlorobenzene	(ug/l)	3	0.25U	0.25U	0.25U	0.25U	0.48U
o-Xylene	(ug/l)		0.23U	0.23U	0.23U	0.23U	0.4U
p-Chlorotoluene	(ug/l)	5	0.3U	0.3U	0.3U	0.3U	0.42U
p-Cymene	(ug/l)		0.29U	0.29U	0.29U	0.29U	0.44U
p-Dichlorobenzene	(ug/l)	3	0.3U	0.3U	0.3U	0.3U	0.38U

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U, J =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-11 GP-11 (84-88) 11/05/2007 84.00	GP-11 GP-11 (54-58) 11/05/2007 54.00	GP-11 GP-11 (24-28) 11/05/2007 24.00	GP-11 GP-11 (6-10) 11/05/2007 6.00	GP-12 GP-12 (120-124) 11/09/2007 120.00
sec-Butylbenzene	(ug/l)	5	0.26U	0.26U	0.26U	0.26U	0.45U
Styrene	(ug/l)	5	0.24U	0.24U	0.24U	0.24U	0.42U
tert-amyl methyl ether	(ug/l)		0.26U	0.26U	0.26U	0.26U	1.96U
tert-Butyl alcohol	(ug/l)		2.65U	2.65U	2.65U	2.65U	5.92U
tert-Butylbenzene	(ug/l)	5	0.35U	0.35U	0.35U	0.35U	0.47U
Tetrachloroethylene	(ug/l)	5	0.26U	[1230]	[370]	[514]	[14.5]
Toluene	(ug/l)	5	0.29U	0.29U	0.29U	0.29U	0.56U
trans-1,3-Dichloropropene	(ug/l)	0.4	0.25U	0.25U	0.25U	0.25U	0.39U
Trichloroethylene	(ug/l)	5	0.24U	[69.5]	[47.2]	[85.7]	3.04J
Trichlorofluoromethane	(ug/l)	5	0.34U	0.34U	0.34U	0.34U	0.53U
Vinyl chloride	(ug/l)	2	0.18U	0.18U	0.18U	0.18U	0.5U
Total Chlorinated VOCs	(ug/l)		2.21	1346.15	446.86	671.39	22.64
TOTAL VOLATILE ORGANICS	(ug/l)		2.21	1347.02	449.26	674.35	25.20

Samples were analyzed by ETL

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Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-12 GP-12 (110-114) 11/09/2007 110.00	GP-12 GP-12 (96-100) 11/09/2007 96.00	GP-12 GP-12 (84-88) 11/09/2007 84.00	GP-12 GP-12 (54-58) 11/09/2007 54.00	GP-12 GP-12 (24-28) 11/09/2007 24.00
1,1,1,2-Tetrachloroethane	(ug/l)	5	0.47U	0.47U	0.47U	0.47U	0.47U
1,1,1-Trichloroethane	(ug/l)	5	1.83J	2.05J	2.6J	1.64J	0.41U
1,1,2,2-Tetrachloroethane	(ug/l)	5	0.46U	0.46U	0.46U	0.46U	0.46U
1,1,2-Trichloroethane	(ug/l)	1	0.46U	0.46U	0.46U	0.46U	0.46U
1,1-Dichloroethane	(ug/l)	5	3.94J	4.29J	4J	2.39J	0.5U
1,1-Dichloroethylene	(ug/l)	5	0.97J	1.03J	1.3J	0.77J	0.54U
1,1-Dichloropropene	(ug/l)	5	0.52U	0.52U	0.52U	0.52U	0.52U
1,2,3-Trichlorobenzene	(ug/l)	5	0.6U	0.6U	0.6U	0.6U	0.6U
1,2,3-Trichloropropane	(ug/l)	0.04	0.54U	0.54U	0.54U	0.54U	0.54U
1,2,4,5-Tetramethylbenzene	(ug/l)		0.44U	0.44U	0.44U	0.44U	0.44U
1,2,4-Trichlorobenzene	(ug/l)	5	0.48U	0.48U	0.48U	0.48U	0.48U
1,2-Dichloroethane	(ug/l)	0.6	0.34U	0.34U	0.34U	0.34U	0.34U
1,2-Dichloropropane	(ug/l)	1	0.46U	0.46U	0.46U	0.46U	0.46U
1,3-Dichloropropane	(ug/l)	5	0.4U	0.4U	0.4U	0.4U	0.4U
2,2-Dichloropropane	(ug/l)	5	0.39U	0.39U	0.39U	0.39U	0.39U
2-Hexanone	(ug/l)	50	1.59U	1.59U	1.59U	1.59U	1.59U
4-Ethyltoluene	(ug/l)		0.51U	0.51U	0.51U	0.51U	0.51U
Acetone	(ug/l)	50	9.59U	9.59U	9.59U	9.59U	9.59U
Acrylonitrile	(ug/l)	5	1.97U	1.97U	1.97U	1.97U	1.97U
Benzene	(ug/l)	1.0	0.43U	0.43U	0.43U	0.43U	0.43U
Benzene, 1,2,4-trimethyl	(ug/l)	5	0.45U	0.45U	0.45U	0.45U	0.45U

Samples were analyzed by ETL

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Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-12 GP-12 (110-114) 11/09/2007 110.00	GP-12 GP-12 (96-100) 11/09/2007 96.00	GP-12 GP-12 (84-88) 11/09/2007 84.00	GP-12 GP-12 (54-58) 11/09/2007 54.00	GP-12 GP-12 (24-28) 11/09/2007 24.00
Benzene, 1,3,5-trimethyl-	(ug/l)	5	0.45U	0.45U	0.45U	0.45U	0.45U
Benzene, 1-methylethyl-	(ug/l)	5	0.43U	0.43U	0.43U	0.43U	0.43U
Bromobenzene	(ug/l)	5	0.46U	0.46U	0.46U	0.46U	0.46U
Bromodichloromethane	(ug/l)	50	0.39U	0.39U	0.39U	0.39U	0.39U
Bromoform	(ug/l)	50	0.41U	0.41U	0.41U	0.41U	0.41U
Carbon disulfide	(ug/l)		0.42U	0.42U	0.42U	0.42U	0.42U
Carbon tetrachloride	(ug/l)	5	0.47U	0.47U	0.47U	0.47U	0.47U
Chlorobenzene	(ug/l)	5	0.4U	0.4U	0.4U	0.4U	0.4U
Chlorobromomethane	(ug/l)	5	0.44U	0.44U	0.44U	0.44U	0.44U
Chlorodifluoromethane	(ug/l)		0.48U	0.48U	0.48U	0.48U	0.48U
Chloroethane	(ug/l)	5	0.89U	0.89U	0.89U	0.89U	0.89U
Chloroform	(ug/l)	7	0.65J	0.8J	0.77J	0.4U	0.4U
cis-1,2-Dichloroethylene	(ug/l)	5	1.18J	2.11J	[25.7]	[29.1]	0.91J
cis-1,3-Dichloropropene	(ug/l)	0.4	0.44U	0.44U	0.44U	0.44U	0.44U
DBCP	(ug/l)	0.04	0.51U	0.51U	0.51U	0.51U	0.51U
Dibromochloromethane	(ug/l)	50	0.38U	0.38U	0.38U	0.38U	0.38U
Dichlorodifluoromethane	(ug/l)	5	0.45U	0.45U	0.45U	0.45U	0.45U
Diethyl benzene (mixed isomers)	(ug/l)		0.43U	0.43U	0.43U	0.43U	0.43U
EDB	(ug/l)	0.0006	0.44U	0.44U	0.44U	0.44U	0.44U
Ethene, 1,2-dichloro-, (E)-	(ug/l)	5	0.53U	0.53U	0.53U	0.53U	0.53U
Ethene,(2-chloroethoxy)-	(ug/l)		0.65U	0.65U	0.65U	0.65U	0.65U

Samples were analyzed by ETL

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Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-12 GP-12 (110-114) 11/09/2007 110.00	GP-12 GP-12 (96-100) 11/09/2007 96.00	GP-12 GP-12 (84-88) 11/09/2007 84.00	GP-12 GP-12 (54-58) 11/09/2007 54.00	GP-12 GP-12 (24-28) 11/09/2007 24.00
Ethylbenzene	(ug/l)	5	0.45U	0.45U	0.45U	0.45U	0.45U
Freon 113	(ug/l)		0.45U	0.45U	0.45U	0.45U	0.45U
Hexachlorobutadiene	(ug/l)	0.5	0.93U	0.93U	0.93U	0.93U	0.93U
m-Dichlorobenzene	(ug/l)	3	0.44U	0.44U	0.44U	0.44U	0.44U
Methyl bromide	(ug/l)	5	0.87U	0.87U	0.87U	0.87U	0.87U
Methyl chloride	(ug/l)	5	0.69U	0.69U	0.69U	0.69U	0.69U
Methyl ethyl ketone	(ug/l)	50	2.19U	2.19U	2.19U	2.19U	2.19U
Methyl isobutylketone (MIBK)	(ug/l)		1.68U	1.68U	1.68U	1.68U	1.68U
Methylene bromide	(ug/l)	5	0.42U	0.42U	0.42U	0.42U	0.42U
Methylene chloride	(ug/l)	5	0.47U	0.47U	0.47U	0.47U	0.47U
Methyltert-butylether	(ug/l)	10	1.13J	0.55U	0.55U	[12.1]	0.55U
m-Xylene	(ug/l)		0.91U	0.91U	0.91U	0.91U	0.91U
Naphthalene	(ug/l)	10	0.52U	0.52U	0.52U	0.52U	0.52U
n-Butylbenzene	(ug/l)	5	0.44U	0.44U	0.44U	0.44U	0.44U
n-Propylbenzene	(ug/l)	5	0.44U	0.44U	0.44U	0.44U	0.44U
o-Chlorotoluene	(ug/l)	5	0.46U	0.46U	0.46U	0.46U	0.46U
o-Dichlorobenzene	(ug/l)	3	0.48U	0.48U	0.48U	0.48U	0.48U
o-Xylene	(ug/l)		0.4U	0.4U	0.4U	0.4U	0.4U
p-Chlorotoluene	(ug/l)	5	0.42U	0.42U	0.42U	0.42U	0.42U
p-Cymene	(ug/l)		0.44U	0.44U	0.44U	0.44U	0.44U
p-Dichlorobenzene	(ug/l)	3	0.38U	0.38U	0.38U	0.38U	0.38U

Samples were analyzed by ETL

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=Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-12 GP-12 (110-114) 11/09/2007 110.00	GP-12 GP-12 (96-100) 11/09/2007 96.00	GP-12 GP-12 (84-88) 11/09/2007 84.00	GP-12 GP-12 (54-58) 11/09/2007 54.00	GP-12 GP-12 (24-28) 11/09/2007 24.00
sec-Butylbenzene	(ug/l)	5	0.45U	0.45U	0.45U	0.45U	0.45U
Styrene	(ug/l)	5	0.42U	0.42U	0.42U	0.42U	0.42U
tert-amyl methyl ether	(ug/l)		1.96U	1.96U	1.96U	1.96U	1.96U
tert-Butyl alcohol	(ug/l)		5.92U	5.92U	5.92U	5.92U	5.92U
tert-Butylbenzene	(ug/l)	5	0.47U	0.47U	0.47U	0.47U	0.47U
Tetrachloroethylene	(ug/l)	5	[15]	[35.6]	[209]	[236]	[8.53]
Toluene	(ug/l)	5	0.56U	0.56U	0.56U	0.56U	0.56U
trans-1,3-Dichloropropene	(ug/l)	0.4	0.39U	0.39U	0.39U	0.39U	0.39U
Trichloroethylene	(ug/l)	5	2.48J	3.61J	[33.1]	[48.1]	1J
Trichlorofluoromethane	(ug/l)	5	0.53U	0.53U	0.53U	0.53U	0.53U
Vinyl chloride	(ug/l)	2	0.5U	0.5U	0.5U	0.5U	0.5U
Total Chlorinated VOCs	(ug/l)		25.40	48.69	275.70	318.00	10.44
TOTAL VOLATILE ORGANICS	(ug/l)		27.18	49.49	276.47	330.10	10.44

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Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-12 GP-12 (8-12) 11/09/2007 8.00	GP-13 GP-13 (116-120) 11/07/2007 116.00	GP-13 GP-13 (106-110) 11/07/2007 106.00	GP-13 GP-13 (92-96) 11/07/2007 92.00	GP-13 GP-13 (80-84) 11/07/2007 80.00
1,1,1,2-Tetrachloroethane	(ug/l)	5	0.47U	0.25U	0.25U	0.25U	0.25U
1,1,1-Trichloroethane	(ug/l)	5	0.41U	0.24U	1.21J	1.48J	0.97J
1,1,2,2-Tetrachloroethane	(ug/l)	5	0.46U	0.31U	0.31U	0.31U	0.31U
1,1,2-Trichloroethane	(ug/l)	1	0.46U	0.28U	0.28U	0.28U	0.28U
1,1-Dichloroethane	(ug/l)	5	0.5U	1.22J	2.71J	3.45J	2.69J
1,1-Dichloroethylene	(ug/l)	5	0.54U	0.23U	0.66J	0.88J	0.23U
1,1-Dichloropropene	(ug/l)	5	0.52U	0.25U	0.25U	0.25U	0.25U
1,2,3-Trichlorobenzene	(ug/l)	5	0.6U	0.22U	0.22U	0.22U	0.22U
1,2,3-Trichloropropane	(ug/l)	0.04	0.54U	0.33U	0.33U	0.33U	0.33U
1,2,4,5-Tetramethylbenzene	(ug/l)		0.44U	5.66	2.89J	2.53J	0.72J
1,2,4-Trichlorobenzene	(ug/l)	5	0.48U	0.22U	0.22U	0.22U	0.22U
1,2-Dichloroethane	(ug/l)	0.6	0.34U	0.28U	0.28U	0.28U	0.28U
1,2-Dichloropropane	(ug/l)	1	0.46U	0.25U	0.25U	0.25U	0.25U
1,3-Dichloropropane	(ug/l)	5	0.4U	0.23U	0.23U	0.23U	0.23U
2,2-Dichloropropane	(ug/l)	5	0.39U	0.94U	0.94U	0.94U	0.94U
2-Hexanone	(ug/l)	50	1.59U	0.75U	0.75U	0.75U	0.75U
4-Ethyltoluene	(ug/l)		0.51U	0.28U	0.28U	0.28U	0.28U
Acetone	(ug/l)	50	9.59U	2.5U	2.5U	2.5U	2.5U
Acrylonitrile	(ug/l)	5	1.97U	0.79U	0.79U	0.79U	0.79U
Benzene	(ug/l)	1.0	0.43U	0.25U	0.25U	0.25U	0.25U
Benzene, 1,2,4-trimethyl	(ug/l)	5	0.45U	0.27U	0.27U	0.27U	0.27U

Samples were analyzed by ETL

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Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-12 GP-12 (8-12) 11/09/2007 8.00	GP-13 GP-13 (116-120) 11/07/2007 116.00	GP-13 GP-13 (106-110) 11/07/2007 106.00	GP-13 GP-13 (92-96) 11/07/2007 92.00	GP-13 GP-13 (80-84) 11/07/2007 80.00
Benzene, 1,3,5-trimethyl-	(ug/l)	5	0.45U	1.27J	0.38U	0.38U	0.38U
Benzene, 1-methylethyl-	(ug/l)	5	0.43U	1.3J	0.21U	0.21U	0.21U
Bromobenzene	(ug/l)	5	0.46U	0.3U	0.3U	0.3U	0.3U
Bromodichloromethane	(ug/l)	50	0.39U	0.26U	0.26U	0.26U	0.26U
Bromoform	(ug/l)	50	0.41U	0.17U	0.17U	0.17U	0.17U
Carbon disulfide	(ug/l)		0.42U	0.22U	0.22U	0.22U	0.22U
Carbon tetrachloride	(ug/l)	5	0.47U	0.22U	0.22U	0.22U	0.22U
Chlorobenzene	(ug/l)	5	0.4U	0.23U	0.23U	0.23U	0.23U
Chlorobromomethane	(ug/l)	5	0.44U	0.25U	0.25U	0.25U	0.25U
Chlorodifluoromethane	(ug/l)		0.48U	0.29U	0.29U	0.29U	0.29U
Chloroethane	(ug/l)	5	0.89U	0.84U	0.84U	0.84U	0.84U
Chloroform	(ug/l)	7	0.4U	0.24U	0.24U	0.24U	0.24U
cis-1,2-Dichloroethylene	(ug/l)	5	1.01J	[9.21]	[12]	[12]	[9.46]
cis-1,3-Dichloropropene	(ug/l)	0.4	0.44U	0.21U	0.21U	0.21U	0.21U
DBCP	(ug/l)	0.04	0.51U	0.25U	0.25U	0.25U	0.25U
Dibromochloromethane	(ug/l)	50	0.38U	0.23U	0.23U	0.23U	0.23U
Dichlorodifluoromethane	(ug/l)	5	0.45U	0.22U	0.22U	0.22U	0.22U
Diethyl benzene (mixed isomers)	(ug/l)		0.43U	0.24U	2.16J	0.24U	0.24U
EDB	(ug/l)	0.0006	0.44U	0.24U	0.24U	0.24U	0.24U
Ethene, 1,2-dichloro-, (E)-	(ug/l)	5	0.53U	0.23U	0.23U	0.23U	0.23U
Ethene,(2-chloroethoxy)-	(ug/l)		0.65U	21.6U	21.6U	21.6U	21.6U

Samples were analyzed by ETL

[x]=Greater than Action Level The following qualifier(s) exist: CLP Q: U, J
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NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-12 GP-12 (8-12) 11/09/2007 8.00	GP-13 GP-13 (116-120) 11/07/2007 116.00	GP-13 GP-13 (106-110) 11/07/2007 106.00	GP-13 GP-13 (92-96) 11/07/2007 92.00	GP-13 GP-13 (80-84) 11/07/2007 80.00
Ethylbenzene	(ug/l)	5	0.45U	0.27U	0.27U	0.27U	0.27U
Freon 113	(ug/l)		0.45U	0.21U	0.21U	0.21U	0.21U
Hexachlorobutadiene	(ug/l)	0.5	0.93U	1.36U	1.36U	1.36U	1.36U
m-Dichlorobenzene	(ug/l)	3	0.44U	0.28U	0.28U	0.28U	0.28U
Methyl bromide	(ug/l)	5	0.87U	0.39U	0.39U	0.39U	0.39U
Methyl chloride	(ug/l)	5	0.69U	0.29U	0.29U	0.29U	0.29U
Methyl ethyl ketone	(ug/l)	50	2.19U	1.06U	1.06U	1.06U	1.06U
Methyl isobutylketone (MIBK)	(ug/l)		1.68U	0.82U	0.82U	0.82U	0.82U
Methylene bromide	(ug/l)	5	0.42U	0.21U	0.21U	0.21U	0.21U
Methylene chloride	(ug/l)	5	0.47U	0.2U	0.2U	0.2U	0.2U
Methyltert-butylether	(ug/l)	10	0.55U	0.35U	0.35U	0.35U	0.35U
m-Xylene	(ug/l)		0.91U	0.53U	0.53U	0.53U	0.53U
Naphthalene	(ug/l)	10	0.52U	5.59	5.08	4.91J	0.21U
n-Butylbenzene	(ug/l)	5	0.44U	3.12J	1.59J	1.55J	0.31U
n-Propylbenzene	(ug/l)	5	0.44U	4.75J	1.9J	1.32J	0.35U
o-Chlorotoluene	(ug/l)	5	0.46U	0.33U	0.33U	0.33U	0.33U
o-Dichlorobenzene	(ug/l)	3	0.48U	0.25U	0.25U	0.25U	0.25U
o-Xylene	(ug/l)		0.4U	0.23U	0.23U	0.23U	0.23U
p-Chlorotoluene	(ug/l)	5	0.42U	0.3U	0.3U	0.3U	0.3U
p-Cymene	(ug/l)		0.44U	1.15J	0.29U	0.29U	0.29U
p-Dichlorobenzene	(ug/l)	3	0.38U	0.3U	0.3U	0.3U	0.3U

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U, J =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-12 GP-12 (8-12) 11/09/2007 8.00	GP-13 GP-13 (116-120) 11/07/2007 116.00	GP-13 GP-13 (106-110) 11/07/2007 106.00	GP-13 GP-13 (92-96) 11/07/2007 92.00	GP-13 GP-13 (80-84) 11/07/2007 80.00
sec-Butylbenzene	(ug/l)	5	0.45U	1.32J	0.68J	0.6J	0.26U
Styrene	(ug/l)	5	0.42U	0.24U	0.24U	0.24U	0.24U
tert-amyl methyl ether	(ug/l)		1.96U	0.26U	0.26U	0.26U	0.26U
tert-Butyl alcohol	(ug/l)		5.92U	2.65U	2.65U	2.65U	2.65U
tert-Butylbenzene	(ug/l)	5	0.47U	0.35U	0.35U	0.35U	0.35U
Tetrachloroethylene	(ug/l)	5	2.35J	[80.6]	[218]	[159]	[89.6]
Toluene	(ug/l)	5	0.56U	0.29U	0.29U	0.29U	0.29U
trans-1,3-Dichloropropene	(ug/l)	0.4	0.39U	0.25U	0.25U	0.25U	0.25U
Trichloroethylene	(ug/l)	5	0.63U	3.57J	[13.3]	[7.98]	4.18J
Trichlorofluoromethane	(ug/l)	5	0.53U	0.34U	0.34U	0.34U	0.34U
Vinyl chloride	(ug/l)	2	0.5U	0.18U	0.18U	0.18U	0.18U
Total Chlorinated VOCs	(ug/l)		3.36	94.60	247.88	184.79	106.90
TOTAL VOLATILE ORGANICS	(ug/l)		3.36	118.76	262.18	195.70	107.62

Samples were analyzed by ETL

[x]=Greater than Action Level The following qualifier(s) exist: CLP Q: U, J
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Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-13 GP-13 (50-54) 11/07/2007 50.00	GP-13 GP-13 (20-24) 11/07/2007 20.00	GP-13 GP-13 (8-12) 11/07/2007 8.00	GP-14 GP-14 (111-115) 12/04/2007 111.00	GP-14 GP-14 (91-95) 12/04/2007 91.00
1,1,1,2-Tetrachloroethane	(ug/l)	5	0.25U	0.25U	1.25U	0.47U	0.47U
1,1,1-Trichloroethane	(ug/l)	5	1.24J	0.24U	1.2U	0.41U	0.63J
1,1,2,2-Tetrachloroethane	(ug/l)	5	0.31U	0.31U	1.55U	0.46U	0.46U
1,1,2-Trichloroethane	(ug/l)	1	0.28U	0.28U	1.4U	0.46U	0.46U
1,1-Dichloroethane	(ug/l)	5	1.06J	0.22U	1.1U	0.5U	0.5U
1,1-Dichloroethylene	(ug/l)	5	0.23U	0.23U	1.15U	0.54U	0.54U
1,1-Dichloropropene	(ug/l)	5	0.25U	0.25U	1.25U	0.52U	0.52U
1,2,3-Trichlorobenzene	(ug/l)	5	0.22U	0.22U	1.1U	0.6U	0.6U
1,2,3-Trichloropropane	(ug/l)	0.04	0.33U	0.33U	1.65U	0.54U	0.54U
1,2,4,5-Tetramethylbenzene	(ug/l)		2.68J	1.52J	72.9	0.44U	0.44U
1,2,4-Trichlorobenzene	(ug/l)	5	0.22U	0.22U	1.1U	0.48U	0.48U
1,2-Dichloroethane	(ug/l)	0.6	0.28U	0.28U	1.4U	0.34U	0.34U
1,2-Dichloropropane	(ug/l)	1	0.25U	0.25U	1.25U	0.46U	0.46U
1,3-Dichloropropane	(ug/l)	5	0.23U	0.23U	1.15U	0.4U	0.4U
2,2-Dichloropropane	(ug/l)	5	0.94U	0.94U	4.7U	0.39U	0.39U
2-Hexanone	(ug/l)	50	0.75U	0.75U	3.75U	1.59U	1.59U
4-Ethyltoluene	(ug/l)		0.28U	0.28U	3.84J	0.51U	0.51U
Acetone	(ug/l)	50	2.5U	2.5U	12.5U	9.59U	9.59U
Acrylonitrile	(ug/l)	5	0.79U	0.79U	3.95U	1.97U	1.97U
Benzene	(ug/l)	1.0	0.25U	0.25U	[19.2]J	0.43U	0.43U
Benzene, 1,2,4-trimethyl	(ug/l)	5	0.27U	0.27U	1.35U	0.45U	0.45U

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Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-13 GP-13 (50-54) 11/07/2007 50.00	GP-13 GP-13 (20-24) 11/07/2007 20.00	GP-13 GP-13 (8-12) 11/07/2007 8.00	GP-14 GP-14 (111-115) 12/04/2007 111.00	GP-14 GP-14 (91-95) 12/04/2007 91.00
Benzene, 1,3,5-trimethyl-	(ug/l)	5	0.38U	0.38U	[27.5]	0.45U	0.45U
Benzene, 1-methylethyl-	(ug/l)	5	0.21U	0.21U	[34.7]	0.43U	0.43U
Bromobenzene	(ug/l)	5	0.3U	0.3U	1.5U	0.46U	0.46U
Bromodichloromethane	(ug/l)	50	0.26U	0.26U	1.3U	0.39U	0.39U
Bromoform	(ug/l)	50	0.17U	0.17U	0.85U	0.41U	0.41U
Carbon disulfide	(ug/l)		0.22U	0.22U	1.1U	0.42U	0.42U
Carbon tetrachloride	(ug/l)	5	0.22U	0.22U	1.1U	0.47U	0.47U
Chlorobenzene	(ug/l)	5	0.23U	0.23U	1.15U	0.4U	0.4U
Chlorobromomethane	(ug/l)	5	0.25U	0.25U	1.25U	0.44U	0.44U
Chlorodifluoromethane	(ug/l)		0.29U	0.29U	1.45U	0.48U	0.48U
Chloroethane	(ug/l)	5	0.84U	0.84U	4.2U	0.89U	0.89U
Chloroform	(ug/l)	7	0.24U	0.24U	1.2U	0.4U	0.4U
cis-1,2-Dichloroethylene	(ug/l)	5	1.21J	0.75U	3.75U	0.35U	0.35U
cis-1,3-Dichloropropene	(ug/l)	0.4	0.21U	0.21U	1.05U	0.44U	0.44U
DBCP	(ug/l)	0.04	0.25U	0.25U	1.25U	0.51U	0.51U
Dibromochloromethane	(ug/l)	50	0.23U	0.23U	1.15U	0.38U	0.38U
Dichlorodifluoromethane	(ug/l)	5	0.22U	0.22U	1.1U	0.45U	0.45U
Diethyl benzene (mixed isomers)	(ug/l)		2J	1J	64.7	0.43U	0.43U
EDB	(ug/l)	0.0006	0.24U	0.24U	1.2U	0.44U	0.44U
Ethene, 1,2-dichloro-, (E)-	(ug/l)	5	0.23U	0.23U	1.15U	0.53U	0.53U
Ethene,(2-chloroethoxy)-	(ug/l)		21.6U	21.6U	108U	0.65U	0.65U

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Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-13 GP-13 (50-54) 11/07/2007 50.00	GP-13 GP-13 (20-24) 11/07/2007 20.00	GP-13 GP-13 (8-12) 11/07/2007 8.00	GP-14 GP-14 (111-115) 12/04/2007 111.00	GP-14 GP-14 (91-95) 12/04/2007 91.00
Ethylbenzene	(ug/l)	5	0.27U	0.27U	[25.6]	0.45U	0.45U
Freon 113	(ug/l)		0.21U	0.21U	1.05U	0.45U	0.45U
Hexachlorobutadiene	(ug/l)	0.5	1.36U	1.36U	6.8U	0.93U	0.93U
m-Dichlorobenzene	(ug/l)	3	0.28U	0.28U	1.4U	0.44U	0.44U
Methyl bromide	(ug/l)	5	0.39U	0.39U	1.95U	0.87U	0.87U
Methyl chloride	(ug/l)	5	0.29U	0.29U	1.45U	0.69U	0.69U
Methyl ethyl ketone	(ug/l)	50	1.06U	1.06U	5.3U	2.19U	2.19U
Methyl isobutylketone (MIBK)	(ug/l)		0.82U	0.82U	4.1U	1.68U	1.68U
Methylene bromide	(ug/l)	5	0.21U	0.21U	1.05U	0.42U	0.42U
Methylene chloride	(ug/l)	5	0.2U	0.2U	1U	0.47U	0.47U
Methyltert-butylether	(ug/l)	10	0.35U	0.76J	[70.5]	0.55U	0.55U
m-Xylene	(ug/l)		0.53U	0.53U	2.65U	0.91U	0.91U
Naphthalene	(ug/l)	10	4.82J	4.72J	[80.7]	0.52U	0.52U
n-Butylbenzene	(ug/l)	5	1.76J	0.94J	[24.7]J	0.44U	0.44U
n-Propylbenzene	(ug/l)	5	1.04J	0.35U	[104]	0.44U	0.44U
o-Chlorotoluene	(ug/l)	5	0.33U	0.33U	1.65U	0.46U	0.46U
o-Dichlorobenzene	(ug/l)	3	0.25U	0.25U	1.25U	0.48U	0.48U
o-Xylene	(ug/l)		0.23U	0.23U	1.15U	0.4U	0.4U
p-Chlorotoluene	(ug/l)	5	0.3U	0.3U	1.5U	0.42U	0.42U
p-Cymene	(ug/l)		0.29U	0.29U	9.69J	0.44U	0.44U
p-Dichlorobenzene	(ug/l)	3	0.3U	0.3U	1.5U	0.38U	0.38U

Samples were analyzed by ETL

[x]=Greater than Action Level The following qualifier(s) exist: CLP Q: U, J
=Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-13 GP-13 (50-54) 11/07/2007 50.00	GP-13 GP-13 (20-24) 11/07/2007 20.00	GP-13 GP-13 (8-12) 11/07/2007 8.00	GP-14 GP-14 (111-115) 12/04/2007 111.00	GP-14 GP-14 (91-95) 12/04/2007 91.00
sec-Butylbenzene	(ug/l)	5	0.68J	0.26U	[12.2]J	0.45U	0.45U
Styrene	(ug/l)	5	0.24U	0.24U	1.2U	0.42U	0.42U
tert-amyl methyl ether	(ug/l)		0.26U	0.26U	1.3U	1.96U	1.96U
tert-Butyl alcohol	(ug/l)		2.65U	2.65U	363	5.92U	5.92U
tert-Butylbenzene	(ug/l)	5	0.35U	0.35U	1.75U	0.47U	0.47U
Tetrachloroethylene	(ug/l)	5	[9.62]	0.88J	1.3U	0.76J	0.64U
Toluene	(ug/l)	5	0.29U	0.29U	3.01J	0.56U	0.56U
trans-1,3-Dichloropropene	(ug/l)	0.4	0.25U	0.25U	1.25U	0.39U	0.39U
Trichloroethylene	(ug/l)	5	0.24U	0.24U	1.2U	0.71J	1.13J
Trichlorofluoromethane	(ug/l)	5	0.34U	0.34U	1.7U	0.53U	0.53U
Vinyl chloride	(ug/l)	2	0.18U	0.18U	0.9U	0.5U	0.5U
Total Chlorinated VOCs	(ug/l)		13.13	0.88	0.00	1.47	1.76
TOTAL VOLATILE ORGANICS	(ug/l)		26.11	9.82	916.24	1.47	1.76

Samples were analyzed by ETL

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Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-14 GP-14 (71-75) 12/04/2007 71.00	GP-14 GP-14 (51-55) 12/04/2007 51.00	GP-14 GP-14 (36-40) 12/04/2007 36.00	GP-14 GP-14 (21-25) 12/04/2007 21.00	GP-14 GP-14 (8-12) 12/04/2007 8.00
1,1,1,2-Tetrachloroethane	(ug/l)	5	0.47U	0.47U	0.47U	0.47U	0.47U
1,1,1-Trichloroethane	(ug/l)	5	2.63J	2.17J	2.13J	0.8J	0.93J
1,1,2,2-Tetrachloroethane	(ug/l)	5	0.46U	0.46U	0.46U	0.46U	0.46U
1,1,2-Trichloroethane	(ug/l)	1	0.46U	0.46U	0.46U	0.46U	0.46U
1,1-Dichloroethane	(ug/l)	5	[5.85]	[5.62]	3.76J	2.93J	3.73J
1,1-Dichloroethylene	(ug/l)	5	1.58J	1.42J	0.54U	0.54U	0.66J
1,1-Dichloropropene	(ug/l)	5	0.52U	0.52U	0.52U	0.52U	0.52U
1,2,3-Trichlorobenzene	(ug/l)	5	0.6U	0.6U	0.6U	0.6U	0.6U
1,2,3-Trichloropropane	(ug/l)	0.04	0.54U	0.54U	0.54U	0.54U	0.54U
1,2,4,5-Tetramethylbenzene	(ug/l)		0.44U	0.44U	0.44U	0.44U	0.44U
1,2,4-Trichlorobenzene	(ug/l)	5	0.48U	0.48U	0.48U	0.48U	0.48U
1,2-Dichloroethane	(ug/l)	0.6	0.34U	0.34U	0.34U	0.34U	0.34U
1,2-Dichloropropane	(ug/l)	1	0.46U	0.46U	0.46U	0.46U	0.46U
1,3-Dichloropropane	(ug/l)	5	0.4U	0.4U	0.4U	0.4U	0.4U
2,2-Dichloropropane	(ug/l)	5	0.39U	0.39U	0.39U	0.39U	0.39U
2-Hexanone	(ug/l)	50	1.59U	1.59U	1.59U	1.59U	1.59U
4-Ethyltoluene	(ug/l)		0.51U	0.51U	0.51U	0.51U	0.51U
Acetone	(ug/l)	50	9.59U	9.59U	9.59U	9.59U	9.59U
Acrylonitrile	(ug/l)	5	1.97U	1.97U	1.97U	1.97U	1.97U
Benzene	(ug/l)	1.0	0.43U	0.43U	0.43U	0.43U	0.43U
Benzene, 1,2,4-trimethyl	(ug/l)	5	0.45U	0.45U	0.45U	0.45U	0.45U

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VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-14 GP-14 (71-75) 12/04/2007 71.00	GP-14 GP-14 (51-55) 12/04/2007 51.00	GP-14 GP-14 (36-40) 12/04/2007 36.00	GP-14 GP-14 (21-25) 12/04/2007 21.00	GP-14 GP-14 (8-12) 12/04/2007 8.00
Benzene, 1,3,5-trimethyl-	(ug/l)	5	0.45U	0.45U	0.45U	0.45U	0.45U
Benzene, 1-methylethyl-	(ug/l)	5	0.43U	0.43U	0.43U	0.43U	0.43U
Bromobenzene	(ug/l)	5	0.46U	0.46U	0.46U	0.46U	0.46U
Bromodichloromethane	(ug/l)	50	0.39U	0.39U	0.39U	0.39U	0.39U
Bromoform	(ug/l)	50	0.41U	0.41U	0.41U	0.41U	0.41U
Carbon disulfide	(ug/l)		0.42U	0.42U	0.42U	0.42U	0.42U
Carbon tetrachloride	(ug/l)	5	1.66J	2.33J	0.47U	0.47U	0.47U
Chlorobenzene	(ug/l)	5	0.4U	0.4U	0.4U	0.4U	0.4U
Chlorobromomethane	(ug/l)	5	0.44U	0.44U	0.44U	0.44U	0.44U
Chlorodifluoromethane	(ug/l)		0.48U	0.48U	0.48U	0.48U	0.48U
Chloroethane	(ug/l)	5	0.89U	0.89U	0.89U	0.89U	0.89U
Chloroform	(ug/l)	7	1.05J	1.1J	0.79J	1.1J	0.4U
cis-1,2-Dichloroethylene	(ug/l)	5	1.04J	0.79J	[9.76]	[5.5]	[22.9]
cis-1,3-Dichloropropene	(ug/l)	0.4	0.44U	0.44U	0.44U	0.44U	0.44U
DBCP	(ug/l)	0.04	0.51U	0.51U	0.51U	0.51U	0.51U
Dibromochloromethane	(ug/l)	50	0.38U	0.38U	0.38U	0.38U	0.38U
Dichlorodifluoromethane	(ug/l)	5	0.45U	0.45U	0.45U	0.45U	0.45U
Diethyl benzene (mixed isomers)	(ug/l)		0.43U	0.43U	0.43U	0.43U	0.43U
EDB	(ug/l)	0.0006	0.44U	0.44U	0.44U	0.44U	0.44U
Ethene, 1,2-dichloro-, (E)-	(ug/l)	5	0.53U	0.53U	0.53U	0.53U	0.53U
Ethene,(2-chloroethoxy)-	(ug/l)		0.65U	0.65U	0.65U	0.65U	0.65U

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GLENWOOD LANDING
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VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-14 GP-14 (71-75) 12/04/2007 71.00	GP-14 GP-14 (51-55) 12/04/2007 51.00	GP-14 GP-14 (36-40) 12/04/2007 36.00	GP-14 GP-14 (21-25) 12/04/2007 21.00	GP-14 GP-14 (8-12) 12/04/2007 8.00
Ethylbenzene	(ug/l)	5	0.45U	0.45U	0.45U	0.45U	0.45U
Freon 113	(ug/l)		0.45U	0.45U	0.45U	0.45U	0.45U
Hexachlorobutadiene	(ug/l)	0.5	0.93U	0.93U	0.93U	0.93U	0.93U
m-Dichlorobenzene	(ug/l)	3	0.44U	0.44U	0.44U	0.44U	0.44U
Methyl bromide	(ug/l)	5	0.87U	0.87U	0.87U	0.87U	0.87U
Methyl chloride	(ug/l)	5	0.69U	0.69U	0.69U	0.69U	0.69U
Methyl ethyl ketone	(ug/l)	50	2.19U	2.19U	2.19U	2.19U	2.19U
Methyl isobutylketone (MIBK)	(ug/l)		1.68U	1.68U	1.68U	1.68U	1.68U
Methylene bromide	(ug/l)	5	0.42U	0.42U	0.42U	0.42U	0.42U
Methylene chloride	(ug/l)	5	0.47U	0.47U	0.47U	0.47U	0.47U
Methyltert-butylether	(ug/l)	10	0.55U	0.55U	0.55U	0.55U	0.55U
m-Xylene	(ug/l)		0.91U	0.91U	0.91U	0.91U	0.91U
Naphthalene	(ug/l)	10	0.52U	0.52U	0.52U	0.52U	0.52U
n-Butylbenzene	(ug/l)	5	0.44U	0.44U	0.44U	0.44U	0.44U
n-Propylbenzene	(ug/l)	5	0.44U	0.44U	0.44U	0.44U	0.44U
o-Chlorotoluene	(ug/l)	5	0.46U	0.46U	0.46U	0.46U	0.46U
o-Dichlorobenzene	(ug/l)	3	0.48U	0.48U	0.48U	0.48U	0.48U
o-Xylene	(ug/l)		0.4U	0.4U	0.4U	0.4U	0.4U
p-Chlorotoluene	(ug/l)	5	0.42U	0.42U	0.42U	0.42U	0.42U
p-Cymene	(ug/l)		0.44U	0.44U	0.44U	0.44U	0.44U
p-Dichlorobenzene	(ug/l)	3	0.38U	0.38U	0.38U	0.38U	0.38U

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-14 GP-14 (71-75) 12/04/2007 71.00	GP-14 GP-14 (51-55) 12/04/2007 51.00	GP-14 GP-14 (36-40) 12/04/2007 36.00	GP-14 GP-14 (21-25) 12/04/2007 21.00	GP-14 GP-14 (8-12) 12/04/2007 8.00
sec-Butylbenzene	(ug/l)	5	0.45U	0.45U	0.45U	0.45U	0.45U
Styrene	(ug/l)	5	0.42U	0.42U	0.42U	0.42U	0.42U
tert-amyl methyl ether	(ug/l)		1.96U	1.96U	1.96U	1.96U	1.96U
tert-Butyl alcohol	(ug/l)		5.92U	5.92U	5.92U	5.92U	5.92U
tert-Butylbenzene	(ug/l)	5	0.47U	0.47U	0.47U	0.47U	0.47U
Tetrachloroethylene	(ug/l)	5	0.64U	0.64U	[135]	[75]	[154]
Toluene	(ug/l)	5	0.56U	0.56U	0.56U	0.56U	0.56U
trans-1,3-Dichloropropene	(ug/l)	0.4	0.39U	0.39U	0.39U	0.39U	0.39U
Trichloroethylene	(ug/l)	5	[10]	[8.29]	[27.9]	[17]	[46.1]
Trichlorofluoromethane	(ug/l)	5	0.53U	0.53U	0.53U	0.53U	0.53U
Vinyl chloride	(ug/l)	2	0.5U	0.5U	0.5U	0.5U	0.5U
Total Chlorinated VOCs	(ug/l)		21.10	18.29	178.55	101.23	228.32
TOTAL VOLATILE ORGANICS	(ug/l)		23.81	21.72	179.34	102.33	228.32

Samples were analyzed by ETL

[x]=Greater than Action Level The following qualifier(s) exist: CLP Q: U
=Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-15 GP-15 (100-104) 12/03/2007 100.00	GP-15 GP-15 (86-90) 12/03/2007 86.00	GP-15 GP-15 (71-75) 12/03/2007 71.00	GP-15 GP-15 (56-60) 12/03/2007 56.00	GP-15 GP-15 (41-45) 12/03/2007 41.00
1,1,1,2-Tetrachloroethane	(ug/l)	5	0.47U	0.47U	0.47U	0.47U	0.47U
1,1,1-Trichloroethane	(ug/l)	5	1.94J	2.19J	2.93J	2.55J	2.4J
1,1,2,2-Tetrachloroethane	(ug/l)	5	0.46U	0.46U	0.46U	0.46U	0.46U
1,1,2-Trichloroethane	(ug/l)	1	0.46U	0.46U	0.46U	0.46U	0.46U
1,1-Dichloroethane	(ug/l)	5	2.81J	2.72J	4.78J	4.52J	3.38J
1,1-Dichloroethylene	(ug/l)	5	0.71J	0.85J	1.49J	1.37J	1.24J
1,1-Dichloropropene	(ug/l)	5	0.52U	0.52U	0.52U	0.52U	0.52U
1,2,3-Trichlorobenzene	(ug/l)	5	0.6U	0.6U	0.6U	0.6U	0.6U
1,2,3-Trichloropropane	(ug/l)	0.04	0.54U	0.54U	0.54U	0.54U	0.54U
1,2,4,5-Tetramethylbenzene	(ug/l)		0.44U	0.44U	0.44U	0.44U	0.44U
1,2,4-Trichlorobenzene	(ug/l)	5	0.48U	0.48U	0.48U	0.48U	0.48U
1,2-Dichloroethane	(ug/l)	0.6	0.34U	0.34U	0.34U	0.34U	0.34U
1,2-Dichloropropane	(ug/l)	1	0.46U	0.46U	0.46U	0.46U	0.46U
1,3-Dichloropropane	(ug/l)	5	0.4U	0.4U	0.4U	0.4U	0.4U
2,2-Dichloropropane	(ug/l)	5	0.39U	0.39U	0.39U	0.39U	0.39U
2-Hexanone	(ug/l)	50	1.59U	1.59U	1.59U	1.59U	1.59U
4-Ethyltoluene	(ug/l)		0.51U	0.51U	0.51U	0.51U	0.51U
Acetone	(ug/l)	50	9.59U	9.59U	9.59U	9.59U	9.59U
Acrylonitrile	(ug/l)	5	1.97U	1.97U	1.97U	1.97U	1.97U
Benzene	(ug/l)	1.0	0.43U	0.43U	0.43U	0.43U	0.43U
Benzene, 1,2,4-trimethyl	(ug/l)	5	0.45U	0.45U	0.45U	0.45U	0.45U

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U, J =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-15 GP-15 (100-104) 12/03/2007 100.00	GP-15 GP-15 (86-90) 12/03/2007 86.00	GP-15 GP-15 (71-75) 12/03/2007 71.00	GP-15 GP-15 (56-60) 12/03/2007 56.00	GP-15 GP-15 (41-45) 12/03/2007 41.00
Benzene, 1,3,5-trimethyl-	(ug/l)	5	0.45U	0.45U	0.45U	0.45U	0.45U
Benzene, 1-methylethyl-	(ug/l)	5	0.43U	0.43U	0.43U	0.43U	0.43U
Bromobenzene	(ug/l)	5	0.46U	0.46U	0.46U	0.46U	0.46U
Bromodichloromethane	(ug/l)	50	0.39U	0.39U	0.39U	0.39U	0.39U
Bromoform	(ug/l)	50	0.41U	0.41U	0.41U	0.41U	0.41U
Carbon disulfide	(ug/l)		0.42U	0.42U	0.42U	0.42U	0.42U
Carbon tetrachloride	(ug/l)	5	0.76J	0.47U	0.91J	0.81J	0.47U
Chlorobenzene	(ug/l)	5	0.4U	0.4U	0.4U	0.4U	0.4U
Chlorobromomethane	(ug/l)	5	0.44U	0.44U	0.44U	0.44U	0.44U
Chlorodifluoromethane	(ug/l)		0.48U	0.48U	0.48U	0.48U	0.48U
Chloroethane	(ug/l)	5	0.89U	0.89U	0.89U	0.89U	0.89U
Chloroform	(ug/l)	7	1.08J	0.4U	0.74J	0.79J	0.66J
cis-1,2-Dichloroethylene	(ug/l)	5	0.9J	[7.31]	2.38J	[25.8]	[63.5]
cis-1,3-Dichloropropene	(ug/l)	0.4	0.44U	0.44U	0.44U	0.44U	0.44U
DBCP	(ug/l)	0.04	0.51U	0.51U	0.51U	0.51U	0.51U
Dibromochloromethane	(ug/l)	50	0.38U	0.38U	0.38U	0.38U	0.38U
Dichlorodifluoromethane	(ug/l)	5	0.45U	0.45U	0.45U	0.45U	0.45U
Diethyl benzene (mixed isomers)	(ug/l)		0.43U	0.43U	0.43U	0.43U	0.43U
EDB	(ug/l)	0.0006	0.44U	0.44U	0.44U	0.44U	0.44U
Ethene, 1,2-dichloro-, (E)-	(ug/l)	5	0.53U	0.53U	0.53U	0.53U	0.53U
Ethene,(2-chloroethoxy)-	(ug/l)		0.65U	0.65U	0.65U	0.65U	0.65U

Samples were analyzed by ETL

[x]=Greater than Action Level The following qualifier(s) exist: CLP Q: U, J
=Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-15 GP-15 (100-104) 12/03/2007 100.00	GP-15 GP-15 (86-90) 12/03/2007 86.00	GP-15 GP-15 (71-75) 12/03/2007 71.00	GP-15 GP-15 (56-60) 12/03/2007 56.00	GP-15 GP-15 (41-45) 12/03/2007 41.00
Ethylbenzene	(ug/l)	5	0.45U	0.45U	0.45U	0.45U	0.45U
Freon 113	(ug/l)		0.45U	0.45U	0.45U	0.45U	0.45U
Hexachlorobutadiene	(ug/l)	0.5	0.93U	0.93U	0.93U	0.93U	0.93U
m-Dichlorobenzene	(ug/l)	3	0.44U	0.44U	0.44U	0.44U	0.44U
Methyl bromide	(ug/l)	5	0.87U	0.87U	0.87U	0.87U	0.87U
Methyl chloride	(ug/l)	5	0.69U	0.69U	0.69U	0.69U	0.69U
Methyl ethyl ketone	(ug/l)	50	2.19U	2.19U	2.19U	2.19U	2.19U
Methyl isobutylketone (MIBK)	(ug/l)		1.68U	1.68U	1.68U	1.68U	1.68U
Methylene bromide	(ug/l)	5	0.42U	0.42U	0.42U	0.42U	0.42U
Methylene chloride	(ug/l)	5	0.47U	0.47U	0.47U	0.47U	0.47U
Methyltert-butylether	(ug/l)	10	0.55U	1.94J	0.55U	0.62J	1.14J
m-Xylene	(ug/l)		0.91U	0.91U	0.91U	0.91U	0.91U
Naphthalene	(ug/l)	10	0.52U	0.52U	0.52U	0.52U	0.52U
n-Butylbenzene	(ug/l)	5	0.44U	0.44U	0.44U	0.44U	0.44U
n-Propylbenzene	(ug/l)	5	0.44U	0.44U	0.44U	0.44U	0.44U
o-Chlorotoluene	(ug/l)	5	0.46U	0.46U	0.46U	0.46U	0.46U
o-Dichlorobenzene	(ug/l)	3	0.48U	0.48U	0.48U	0.48U	0.48U
o-Xylene	(ug/l)		0.4U	0.4U	0.4U	0.4U	0.4U
p-Chlorotoluene	(ug/l)	5	0.42U	0.42U	0.42U	0.42U	0.42U
p-Cymene	(ug/l)		0.44U	0.44U	0.44U	0.44U	0.44U
p-Dichlorobenzene	(ug/l)	3	0.38U	0.38U	0.38U	0.38U	0.38U

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U, J =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-15 GP-15 (100-104) 12/03/2007 100.00	GP-15 GP-15 (86-90) 12/03/2007 86.00	GP-15 GP-15 (71-75) 12/03/2007 71.00	GP-15 GP-15 (56-60) 12/03/2007 56.00	GP-15 GP-15 (41-45) 12/03/2007 41.00
sec-Butylbenzene	(ug/l)	5	0.45U	0.45U	0.45U	0.45U	0.45U
Styrene	(ug/l)	5	0.42U	0.42U	0.42U	0.42U	0.42U
tert-amyl methyl ether	(ug/l)		1.96U	1.96U	1.96U	1.96U	1.96U
tert-Butyl alcohol	(ug/l)		5.92U	5.92U	5.92U	5.92U	5.92U
tert-Butylbenzene	(ug/l)	5	0.47U	0.47U	0.47U	0.47U	0.47U
Tetrachloroethylene	(ug/l)	5	3.34J	[84.9]	[24.5]	[570]	[1200]
Toluene	(ug/l)	5	0.56U	0.56U	0.56U	0.56U	0.56U
trans-1,3-Dichloropropene	(ug/l)	0.4	0.39U	0.39U	0.39U	0.39U	0.39U
Trichloroethylene	(ug/l)	5	1.62J	[13.2]	[9.27]	[35.7]	[56.4]
Trichlorofluoromethane	(ug/l)	5	0.53U	0.53U	0.53U	0.53U	0.53U
Vinyl chloride	(ug/l)	2	0.5U	0.5U	0.5U	0.5U	0.5U
Total Chlorinated VOCs	(ug/l)		11.31	111.17	43.35	639.94	1326.92
TOTAL VOLATILE ORGANICS	(ug/l)		13.16	113.11	47.00	642.16	1328.72

Samples were analyzed by ETL

[x]=Greater than Action Level The following qualifier(s) exist: CLP Q: U, J
=Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-15 GP-15 (26-30) 12/03/2007 26.00	GP-15 GP-15 (8-12) 12/03/2007 8.00	STREAM Stream 07/25/2007 0.00	TMW-01 TMW-01 (270-275 03/09/2007 270.00	TMW-01 TMW-01 (255-260 03/09/2007 255.00
1,1,1,2-Tetrachloroethane	(ug/l)	5	0.47U	0.47U	0.68U	0.68U	0.68U
1,1,1-Trichloroethane	(ug/l)	5	1.13J	0.98J	0.72U	0.72U	0.72U
1,1,2,2-Tetrachloroethane	(ug/l)	5	0.46U	0.46U	0.81U	0.81U	0.81U
1,1,2-Trichloroethane	(ug/l)	1	0.46U	0.46U	0.86U	0.86U	0.86U
1,1-Dichloroethane	(ug/l)	5	1.32J	1.61J	0.78U	0.78U	0.78U
1,1-Dichloroethylene	(ug/l)	5	0.54U	0.54U	0.78U	0.78U	0.78U
1,1-Dichloropropene	(ug/l)	5	0.52U	0.52U	0.69U	0.69U	0.69U
1,2,3-Trichlorobenzene	(ug/l)	5	0.6U	0.6U	0.51U	0.51U	0.51U
1,2,3-Trichloropropane	(ug/l)	0.04	0.54U	0.54U	1.08U	1.08U	1.08U
1,2,4,5-Tetramethylbenzene	(ug/l)		0.44U	0.44U	0.6U	0.6U	0.6U
1,2,4-Trichlorobenzene	(ug/l)	5	0.48U	0.48U	0.56U	0.56U	0.56U
1,2-Dichloroethane	(ug/l)	0.6	0.34U	0.34U	0.7U	0.7U	0.7U
1,2-Dichloropropane	(ug/l)	1	0.46U	0.46U	0.65U	0.65U	0.65U
1,3-Dichloropropane	(ug/l)	5	0.4U	0.4U	0.66U	0.66U	0.66U
2,2-Dichloropropane	(ug/l)	5	0.39U	0.39U	0.49U	0.49U	0.49U
2-Hexanone	(ug/l)	50	1.59U	1.59U	2.21U	2.21U	2.21U
4-Ethyltoluene	(ug/l)		0.51U	0.51U	0.59U	0.59U	0.59U
Acetone	(ug/l)	50	9.59U	9.59U	2.36U	2.36U	2.36U
Acrylonitrile	(ug/l)	5	1.97U	1.97U	4.55U	4.55U	4.55U
Benzene	(ug/l)	1.0	0.43U	0.43U	0.73U	0.73U	0.73U
Benzene, 1,2,4-trimethyl	(ug/l)	5	0.45U	0.45U	0.54U	0.54U	0.54U

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U, J =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-15 GP-15 (26-30) 12/03/2007 26.00	GP-15 GP-15 (8-12) 12/03/2007 8.00	STREAM Stream 07/25/2007 0.00	TMW-01 TMW-01 (270-275 03/09/2007 270.00	TMW-01 TMW-01 (255-260 03/09/2007 255.00
Benzene, 1,3,5-trimethyl-	(ug/l)	5	0.45U	0.45U	0.56U	0.56U	0.56U
Benzene, 1-methylethyl-	(ug/l)	5	0.43U	0.43U	0.64U	0.64U	0.64U
Bromobenzene	(ug/l)	5	0.46U	0.46U	0.67U	0.67U	0.67U
Bromodichloromethane	(ug/l)	50	0.39U	0.39U	0.67U	0.67U	0.67U
Bromoform	(ug/l)	50	0.41U	0.41U	0.67U	1.03	1.57
Carbon disulfide	(ug/l)		0.42U	0.42U	0.74U	0.74U	0.74U
Carbon tetrachloride	(ug/l)	5	0.47U	0.47U	0.68U	0.68U	0.68U
Chlorobenzene	(ug/l)	5	0.4U	0.4U	0.7U	0.7U	0.7U
Chlorobromomethane	(ug/l)	5	0.44U	0.44U	0.69U	0.69U	0.69U
Chlorodifluoromethane	(ug/l)		0.48U	0.48U	0.77U	0.77U	0.77U
Chloroethane	(ug/l)	5	0.89U	0.89U	1.34U	1.34U	1.34U
Chloroform	(ug/l)	7	0.4U	0.4U	0.76U	0.76U	0.76U
cis-1,2-Dichloroethylene	(ug/l)	5	[12.3]	[18.6]	0.68U	0.68U	0.68U
cis-1,3-Dichloropropene	(ug/l)	0.4	0.44U	0.44U	0.53U	0.53U	0.53U
DBCP	(ug/l)	0.04	0.51U	0.51U	0.64U	0.64U	0.64U
Dibromochloromethane	(ug/l)	50	0.38U	0.38U	0.68U	0.87	1.13
Dichlorodifluoromethane	(ug/l)	5	0.45U	0.45U	0.7U	0.7U	0.7U
Diethyl benzene (mixed isomers)	(ug/l)		0.43U	0.43U	0.58U	0.58U	0.58U
EDB	(ug/l)	0.0006	0.44U	0.44U	0.71U	0.71U	0.71U
Ethene, 1,2-dichloro-, (E)-	(ug/l)	5	0.53U	0.53U	0.67U	0.67U	0.67U
Ethene,(2-chloroethoxy)-	(ug/l)		0.65U	0.65U	1.29U	1.29U	1.29U

Samples were analyzed by ETL

[x]=Greater than Action Level The following qualifier(s) exist: CLP Q: U
=Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-15 GP-15 (26-30) 12/03/2007 26.00	GP-15 GP-15 (8-12) 12/03/2007 8.00	STREAM Stream 07/25/2007 0.00	TMW-01 TMW-01 (270-275 03/09/2007 270.00	TMW-01 TMW-01 (255-260 03/09/2007 255.00
Ethylbenzene	(ug/l)	5	0.45U	0.45U	0.7U	0.7U	0.7U
Freon 113	(ug/l)		0.45U	0.45U	0.61U	0.61U	0.61U
Hexachlorobutadiene	(ug/l)	0.5	0.93U	0.93U	0.53U	0.53U	0.53U
m-Dichlorobenzene	(ug/l)	3	0.44U	0.44U	0.63U	0.63U	0.63U
Methyl bromide	(ug/l)	5	0.87U	0.87U	0.89U	0.89U	0.89U
Methyl chloride	(ug/l)	5	0.69U	0.69U	0.75U	0.75U	0.75U
Methyl ethyl ketone	(ug/l)	50	2.19U	2.19U	2.31U	2.31U	2.31U
Methyl isobutylketone (MIBK)	(ug/l)		1.68U	1.68U	2.48U	2.48U	2.48U
Methylene bromide	(ug/l)	5	0.42U	0.42U	0.69U	0.69U	0.69U
Methylene chloride	(ug/l)	5	0.47U	0.47U	0.79U	0.79U	0.79U
Methyltert-butylether	(ug/l)	10	8.56	9.71	0.74U	0.74U	0.74U
m-Xylene	(ug/l)		0.91U	0.91U	1.15U	1.15U	1.15U
Naphthalene	(ug/l)	10	0.52U	0.52U	0.62U	0.62U	0.62U
n-Butylbenzene	(ug/l)	5	0.44U	0.44U	0.58U	0.58U	0.58U
n-Propylbenzene	(ug/l)	5	0.44U	0.44U	0.64U	0.64U	0.64U
o-Chlorotoluene	(ug/l)	5	0.46U	0.46U	0.61U	0.61U	0.61U
o-Dichlorobenzene	(ug/l)	3	0.48U	0.48U	0.64U	0.64U	0.64U
o-Xylene	(ug/l)		0.4U	0.4U	0.68U	0.68U	0.68U
p-Chlorotoluene	(ug/l)	5	0.42U	0.42U	0.6U	0.6U	0.6U
p-Cymene	(ug/l)		0.44U	0.44U	0.54U	0.54U	0.54U
p-Dichlorobenzene	(ug/l)	3	0.38U	0.38U	0.66U	0.66U	0.66U

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	GP-15 GP-15 (26-30) 12/03/2007 26.00	GP-15 GP-15 (8-12) 12/03/2007 8.00	STREAM Stream 07/25/2007 0.00	TMW-01 TMW-01 (270-275 03/09/2007 270.00	TMW-01 TMW-01 (255-260 03/09/2007 255.00
sec-Butylbenzene	(ug/l)	5	0.45U	0.45U	0.58U	0.58U	0.58U
Styrene	(ug/l)	5	0.42U	0.42U	0.6U	0.6U	0.6U
tert-amyl methyl ether	(ug/l)		1.96U	1.96U	0.43U	0.43U	0.43U
tert-Butyl alcohol	(ug/l)		5.92U	5.92U	9.13U	9.13U	9.13U
tert-Butylbenzene	(ug/l)	5	0.47U	0.47U	0.56U	0.56U	0.56U
Tetrachloroethylene	(ug/l)	5	[146]	[211]	0.63U	0.68	0.63U
Toluene	(ug/l)	5	0.56U	0.56U	0.55U	0.55U	0.55U
trans-1,3-Dichloropropene	(ug/l)	0.4	0.39U	0.39U	0.64U	0.64U	0.64U
Trichloroethylene	(ug/l)	5	[22.6]	[31.8]	0.69U	0.69U	0.69U
Trichlorofluoromethane	(ug/l)	5	0.53U	0.53U	0.69U	0.69U	0.69U
Vinyl chloride	(ug/l)	2	0.5U	0.5U	0.73U	0.73U	0.73U
Total Chlorinated VOCs	(ug/l)		183.35	263.99	0	0.68	0
TOTAL VOLATILE ORGANICS	(ug/l)		191.91	273.70	0	2.58	2.7

Samples were analyzed by ETL

[x]=Greater than Action Level The following qualifier(s) exist: CLP Q: U
=Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	TMW-01 TMW-01(235-240) 03/12/2007 235.00	TMW-01 TMW-01(225-230) 03/12/2007 225.00	TMW-01 TMW-01(210-215) 03/12/2007 210.00	TMW-01 TMW-01(190-195) 03/12/2007 190.00	TMW-01 TMW-01 (175-180 03/13/2007 175.00
1,1,1,2-Tetrachloroethane	(ug/l)	5	0.68U	0.68U	0.68U	0.68U	0.68U
1,1,1-Trichloroethane	(ug/l)	5	0.72U	0.72U	0.72U	0.72U	0.72U
1,1,2,2-Tetrachloroethane	(ug/l)	5	0.81U	0.81U	0.81U	0.81U	0.81U
1,1,2-Trichloroethane	(ug/l)	1	0.86U	0.86U	0.86U	0.86U	0.86U
1,1-Dichloroethane	(ug/l)	5	0.78U	0.78U	0.78U	0.78U	0.78U
1,1-Dichloroethylene	(ug/l)	5	0.78U	0.78U	0.78U	0.78U	0.78U
1,1-Dichloropropene	(ug/l)	5	0.69U	0.69U	0.69U	0.69U	0.69U
1,2,3-Trichlorobenzene	(ug/l)	5	0.51U	0.51U	0.51U	0.51U	0.51U
1,2,3-Trichloropropane	(ug/l)	0.04	1.08U	1.08U	1.08U	1.08U	1.08U
1,2,4,5-Tetramethylbenzene	(ug/l)		0.6U	0.6U	0.6U	0.6U	0.6U
1,2,4-Trichlorobenzene	(ug/l)	5	0.56U	0.56U	0.56U	0.56U	0.56U
1,2-Dichloroethane	(ug/l)	0.6	0.7U	0.7U	0.7U	0.7U	0.7U
1,2-Dichloropropane	(ug/l)	1	0.65U	0.65U	0.65U	0.65U	0.65U
1,3-Dichloropropane	(ug/l)	5	0.66U	0.66U	0.66U	0.66U	0.66U
2,2-Dichloropropane	(ug/l)	5	0.49U	0.49U	0.49U	0.49U	0.49U
2-Hexanone	(ug/l)	50	2.21U	2.21U	2.21U	2.21U	2.21U
4-Ethyltoluene	(ug/l)		0.59U	0.59U	0.59U	0.59U	0.59U
Acetone	(ug/l)	50	2.36U	2.36U	2.36U	2.36U	2.36U
Acrylonitrile	(ug/l)	5	4.55U	4.55U	4.55U	4.55U	4.55U
Benzene	(ug/l)	1.0	0.73U	0.73U	0.73U	0.73U	0.73U
Benzene, 1,2,4-trimethyl	(ug/l)	5	0.54U	0.54U	0.54U	0.54U	0.54U

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	TMW-01 TMW-01(235-240) 03/12/2007 235.00	TMW-01 TMW-01(225-230) 03/12/2007 225.00	TMW-01 TMW-01(210-215) 03/12/2007 210.00	TMW-01 TMW-01(190-195) 03/12/2007 190.00	TMW-01 TMW-01 (175-180 03/13/2007 175.00
Benzene, 1,3,5-trimethyl-	(ug/l)	5	0.56U	0.56U	0.56U	0.56U	0.56U
Benzene, 1-methylethyl-	(ug/l)	5	0.64U	0.64U	0.64U	0.64U	0.64U
Bromobenzene	(ug/l)	5	0.67U	0.67U	0.67U	0.67U	0.67U
Bromodichloromethane	(ug/l)	50	0.67U	0.67U	0.67U	1.82	1.39
Bromoform	(ug/l)	50	0.67U	0.67U	0.67U	7.87	6.01
Carbon disulfide	(ug/l)		0.74U	0.74U	0.74U	0.74U	0.74U
Carbon tetrachloride	(ug/l)	5	0.68U	0.68U	0.68U	0.68U	0.68U
Chlorobenzene	(ug/l)	5	0.7U	0.7U	0.7U	0.7U	0.7U
Chlorobromomethane	(ug/l)	5	0.69U	0.69U	0.69U	0.69U	0.69U
Chlorodifluoromethane	(ug/l)		0.77U	0.77U	0.77U	0.77U	0.77U
Chloroethane	(ug/l)	5	1.34U	1.34U	1.34U	1.34U	1.34U
Chloroform	(ug/l)	7	0.76U	0.76U	0.76U	0.76U	0.76U
cis-1,2-Dichloroethylene	(ug/l)	5	0.68U	0.68U	0.68U	0.68U	0.68U
cis-1,3-Dichloropropene	(ug/l)	0.4	0.53U	0.53U	0.53U	0.53U	0.53U
DBCP	(ug/l)	0.04	0.64U	0.64U	0.64U	0.64U	0.64U
Dibromochloromethane	(ug/l)	50	0.68U	0.68U	0.68U	5.85	4.43
Dichlorodifluoromethane	(ug/l)	5	0.7U	0.7U	0.7U	0.7U	0.7U
Diethyl benzene (mixed isomers)	(ug/l)		0.58U	0.58U	0.58U	0.58U	0.58U
EDB	(ug/l)	0.0006	0.71U	0.71U	0.71U	0.71U	0.71U
Ethene, 1,2-dichloro-, (E)-	(ug/l)	5	0.67U	0.67U	0.67U	0.67U	0.67U
Ethene,(2-chloroethoxy)-	(ug/l)		1.29U	1.29U	1.29U	1.29U	1.29U

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	TMW-01 TMW-01(235-240) 03/12/2007 235.00	TMW-01 TMW-01(225-230) 03/12/2007 225.00	TMW-01 TMW-01(210-215) 03/12/2007 210.00	TMW-01 TMW-01(190-195) 03/12/2007 190.00	TMW-01 TMW-01 (175-180 03/13/2007 175.00
Ethylbenzene	(ug/l)	5	0.7U	0.7U	0.7U	0.7U	0.7U
Freon 113	(ug/l)		0.61U	0.61U	0.61U	0.61U	0.61U
Hexachlorobutadiene	(ug/l)	0.5	0.53U	0.53U	0.53U	0.53U	0.53U
m-Dichlorobenzene	(ug/l)	3	0.63U	0.63U	0.63U	0.63U	0.63U
Methyl bromide	(ug/l)	5	0.89U	0.89U	0.89U	0.89U	0.89U
Methyl chloride	(ug/l)	5	0.75U	0.75U	0.75U	0.75U	0.75U
Methyl ethyl ketone	(ug/l)	50	2.31U	2.31U	2.31U	2.31U	21.1
Methyl isobutylketone (MIBK)	(ug/l)		2.48U	2.48U	2.48U	2.48U	2.48U
Methylene bromide	(ug/l)	5	0.69U	0.69U	0.69U	0.69U	0.69U
Methylene chloride	(ug/l)	5	0.79U	0.79U	0.79U	0.79U	0.79U
Methyltert-butylether	(ug/l)	10	0.74U	0.74U	0.74U	0.74U	0.74U
m-Xylene	(ug/l)		1.15U	1.15U	1.15U	1.15U	1.15U
Naphthalene	(ug/l)	10	0.62U	0.62U	0.62U	0.62U	0.62U
n-Butylbenzene	(ug/l)	5	0.58U	0.58U	0.58U	0.58U	0.58U
n-Propylbenzene	(ug/l)	5	0.64U	0.64U	0.64U	0.64U	0.64U
o-Chlorotoluene	(ug/l)	5	0.61U	0.61U	0.61U	0.61U	0.61U
o-Dichlorobenzene	(ug/l)	3	0.64U	0.64U	0.64U	0.64U	0.64U
o-Xylene	(ug/l)		0.68U	0.68U	0.68U	0.68U	0.68U
p-Chlorotoluene	(ug/l)	5	0.6U	0.6U	0.6U	0.6U	0.6U
p-Cymene	(ug/l)		0.54U	0.54U	0.54U	0.54U	0.54U
p-Dichlorobenzene	(ug/l)	3	0.66U	0.66U	0.66U	0.66U	0.66U

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	TMW-01 TMW-01(235-240) 03/12/2007 235.00	TMW-01 TMW-01(225-230) 03/12/2007 225.00	TMW-01 TMW-01(210-215) 03/12/2007 210.00	TMW-01 TMW-01(190-195) 03/12/2007 190.00	TMW-01 TMW-01 (175-180 03/13/2007 175.00
sec-Butylbenzene	(ug/l)	5	0.58U	0.58U	0.58U	0.58U	0.58U
Styrene	(ug/l)	5	0.6U	0.6U	0.6U	0.6U	0.6U
tert-amyl methyl ether	(ug/l)		0.43U	0.43U	0.43U	0.43U	0.43U
tert-Butyl alcohol	(ug/l)		9.13U	9.13U	9.13U	9.13U	9.13U
tert-Butylbenzene	(ug/l)	5	0.56U	0.56U	0.56U	0.56U	0.56U
Tetrachloroethylene	(ug/l)	5	0.63U	0.63U	0.63U	1.47	1.12
Toluene	(ug/l)	5	0.55U	1.73	2.63	0.55U	0.55U
trans-1,3-Dichloropropene	(ug/l)	0.4	0.64U	0.64U	0.64U	0.64U	0.64U
Trichloroethylene	(ug/l)	5	0.69U	0.69U	0.69U	0.69U	0.69U
Trichlorofluoromethane	(ug/l)	5	0.69U	0.69U	0.69U	0.69U	0.69U
Vinyl chloride	(ug/l)	2	0.73U	0.73U	0.73U	0.73U	0.73U
Total Chlorinated VOCs	(ug/l)		0.0	0.0	0.0	1.47	1.12
TOTAL VOLATILE ORGANICS	(ug/l)		0.0	1.73	2.63	17.01	34.05

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	TMW-01 TMW-01 (155-160 03/13/2007 155.00	TMW-01 TMW-01 (145-150 03/13/2007 145.00	TMW-01 TMW-01 (135-140 03/13/2007 135.00	TMW-01 TMW-01 (123-128 03/13/2007 123.00	TMW-01 TMW-01 (111-116 03/13/2007 111.00
1,1,1,2-Tetrachloroethane	(ug/l)	5	0.68U	0.43U	0.43U	0.43U	0.43U
1,1,1-Trichloroethane	(ug/l)	5	0.72U	0.43U	0.43U	0.43U	0.43U
1,1,2,2-Tetrachloroethane	(ug/l)	5	0.81U	0.55U	0.55U	0.55U	0.55U
1,1,2-Trichloroethane	(ug/l)	1	0.86U	0.42U	0.42U	0.42U	0.42U
1,1-Dichloroethane	(ug/l)	5	0.78U	0.36U	0.36U	0.36U	0.36U
1,1-Dichloroethylene	(ug/l)	5	0.78U	0.37U	0.37U	0.37U	0.37U
1,1-Dichloropropene	(ug/l)	5	0.69U	0.21U	0.21U	0.21U	0.21U
1,2,3-Trichlorobenzene	(ug/l)	5	0.51U	0.52U	0.52U	0.52U	0.52U
1,2,3-Trichloropropane	(ug/l)	0.04	1.08U	0.71U	0.71U	0.71U	0.71U
1,2,4,5-Tetramethylbenzene	(ug/l)		0.6U	0.42U	0.42U	0.42U	0.42U
1,2,4-Trichlorobenzene	(ug/l)	5	0.56U	0.42U	0.42U	0.42U	0.42U
1,2-Dichloroethane	(ug/l)	0.6	0.7U	0.32U	0.32U	0.32U	0.32U
1,2-Dichloropropane	(ug/l)	1	0.65U	0.49U	0.49U	0.49U	0.49U
1,3-Dichloropropane	(ug/l)	5	0.66U	0.38U	0.38U	0.38U	0.38U
2,2-Dichloropropane	(ug/l)	5	0.49U	0.47U	0.47U	0.47U	0.47U
2-Hexanone	(ug/l)	50	2.21U	0.31U	0.31U	0.31U	0.31U
4-Ethyltoluene	(ug/l)		0.59U	0.4U	0.4U	0.4U	0.4U
Acetone	(ug/l)	50	2.36U	0.79U	0.79U	0.79U	0.79U
Acrylonitrile	(ug/l)	5	4.55U	2.04U	2.04U	2.04U	2.04U
Benzene	(ug/l)	1.0	0.73U	0.34U	0.34U	0.34U	0.34U
Benzene, 1,2,4-trimethyl	(ug/l)	5	0.54U	0.38U	0.38U	0.38U	0.38U

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	TMW-01 TMW-01 (155-160 03/13/2007 155.00	TMW-01 TMW-01 (145-150 03/13/2007 145.00	TMW-01 TMW-01 (135-140 03/13/2007 135.00	TMW-01 TMW-01 (123-128 03/13/2007 123.00	TMW-01 TMW-01 (111-116 03/13/2007 111.00
Benzene, 1,3,5-trimethyl-	(ug/l)	5	0.56U	0.34U	0.34U	0.34U	0.34U
Benzene, 1-methylethyl-	(ug/l)	5	0.64U	0.33U	0.33U	0.33U	0.33U
Bromobenzene	(ug/l)	5	0.67U	0.38U	0.38U	0.38U	0.38U
Bromodichloromethane	(ug/l)	50	0.67U	0.45U	0.45U	0.45U	0.45U
Bromoform	(ug/l)	50	2.05	3.31	2.73	1.28	0.46U
Carbon disulfide	(ug/l)		0.74U	0.32U	0.32U	0.32U	0.32U
Carbon tetrachloride	(ug/l)	5	0.68U	0.3U	0.3U	0.3U	0.3U
Chlorobenzene	(ug/l)	5	0.7U	0.36U	0.36U	0.36U	0.36U
Chlorobromomethane	(ug/l)	5	0.69U	0.61U	0.61U	0.61U	0.61U
Chlorodifluoromethane	(ug/l)		0.77U	0.35U	0.35U	0.35U	0.35U
Chloroethane	(ug/l)	5	1.34U	0.75U	0.75U	0.75U	0.75U
Chloroform	(ug/l)	7	0.76U	0.39U	0.39U	0.39U	0.39U
cis-1,2-Dichloroethylene	(ug/l)	5	0.68U	0.43U	0.43U	0.43U	0.43U
cis-1,3-Dichloropropene	(ug/l)	0.4	0.53U	0.41U	0.41U	0.41U	0.41U
DBCP	(ug/l)	0.04	0.64U	0.7U	0.7U	0.7U	0.7U
Dibromochloromethane	(ug/l)	50	1.46	2.4	1.87	0.92	0.45U
Dichlorodifluoromethane	(ug/l)	5	0.7U	0.34U	0.34U	0.34U	0.34U
Diethyl benzene (mixed isomers)	(ug/l)		0.58U	0.39U	0.39U	0.39U	0.39U
EDB	(ug/l)	0.0006	0.71U	0.36U	0.36U	0.36U	0.36U
Ethene, 1,2-dichloro-, (E)-	(ug/l)	5	0.67U	0.38U	0.38U	0.38U	0.38U
Ethene,(2-chloroethoxy)-	(ug/l)		1.29U	1.77U	1.77U	1.77U	1.77U

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	TMW-01 TMW-01 (155-160 03/13/2007 155.00	TMW-01 TMW-01 (145-150 03/13/2007 145.00	TMW-01 TMW-01 (135-140 03/13/2007 135.00	TMW-01 TMW-01 (123-128 03/13/2007 123.00	TMW-01 TMW-01 (111-116 03/13/2007 111.00
Ethylbenzene	(ug/l)	5	0.7U	0.44U	0.44U	0.44U	0.44U
Freon 113	(ug/l)		0.61U	0.46U	0.46U	0.46U	0.46U
Hexachlorobutadiene	(ug/l)	0.5	0.53U	0.49U	0.49U	0.49U	0.49U
m-Dichlorobenzene	(ug/l)	3	0.63U	0.45U	0.45U	0.45U	0.45U
Methyl bromide	(ug/l)	5	0.89U	0.52U	0.52U	0.52U	0.52U
Methyl chloride	(ug/l)	5	0.75U	0.73U	0.73U	0.73U	0.73U
Methyl ethyl ketone	(ug/l)	50	10.7	0.96U	0.96U	0.96U	0.96U
Methyl isobutylketone (MIBK)	(ug/l)		2.48U	0.49U	0.49U	0.49U	0.49U
Methylene bromide	(ug/l)	5	0.69U	0.41U	0.41U	0.41U	0.41U
Methylene chloride	(ug/l)	5	0.79U	0.44U	0.44U	0.44U	0.44U
Methyltert-butylether	(ug/l)	10	0.74U	0.4U	0.4U	0.4U	0.4U
m-Xylene	(ug/l)		1.15U	0.78U	0.78U	0.78U	0.78U
Naphthalene	(ug/l)	10	0.62U	0.54U	0.54U	0.54U	0.54U
n-Butylbenzene	(ug/l)	5	0.58U	0.39U	0.39U	0.39U	0.39U
n-Propylbenzene	(ug/l)	5	0.64U	0.36U	0.36U	0.36U	0.36U
o-Chlorotoluene	(ug/l)	5	0.61U	0.43U	0.43U	0.43U	0.43U
o-Dichlorobenzene	(ug/l)	3	0.64U	0.41U	0.41U	0.41U	0.41U
o-Xylene	(ug/l)		0.68U	0.44U	0.44U	0.44U	0.44U
p-Chlorotoluene	(ug/l)	5	0.6U	0.46U	0.46U	0.46U	0.46U
p-Cymene	(ug/l)		0.54U	0.37U	0.37U	0.37U	0.37U
p-Dichlorobenzene	(ug/l)	3	0.66U	0.46U	0.46U	0.46U	0.46U

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	TMW-01 TMW-01 (155-160 03/13/2007 155.00	TMW-01 TMW-01 (145-150 03/13/2007 145.00	TMW-01 TMW-01 (135-140 03/13/2007 135.00	TMW-01 TMW-01 (123-128 03/13/2007 123.00	TMW-01 TMW-01 (111-116 03/13/2007 111.00
sec-Butylbenzene	(ug/l)	5	0.58U	0.42U	0.42U	0.42U	0.42U
Styrene	(ug/l)	5	0.6U	0.33U	0.33U	0.33U	0.33U
tert-amyl methyl ether	(ug/l)		0.43U	0.41U	0.41U	0.41U	0.41U
tert-Butyl alcohol	(ug/l)		9.13U	21.4U	21.4U	21.4U	21.4U
tert-Butylbenzene	(ug/l)	5	0.56U	0.48U	0.48U	0.48U	0.48U
Tetrachloroethylene	(ug/l)	5	0.98	0.18U	0.18U	1.13	1.29
Toluene	(ug/l)	5	0.9	1.75	2.79	0.61	1.01
trans-1,3-Dichloropropene	(ug/l)	0.4	0.64U	0.42U	0.42U	0.42U	0.42U
Trichloroethylene	(ug/l)	5	0.69U	0.28U	0.28U	0.28U	0.28U
Trichlorofluoromethane	(ug/l)	5	0.69U	0.34U	0.34U	0.34U	0.34U
Vinyl chloride	(ug/l)	2	0.73U	0.38U	0.38U	0.38U	0.38U
Total Chlorinated VOCs	(ug/l)		0.98	0	0	1.13	1.29
TOTAL VOLATILE ORGANICS	(ug/l)		16.09	7.46	7.39	3.94	2.30

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	TMW-01 TMW-01 (98-103) 03/14/2007 98.00	TMW-01 TMW-01 (87-92) 03/14/2007 87.00	TMW-01 TMW-01 (76-81) 03/15/2007 76.00	TMW-01 TMW-01 (65-70) 03/15/2007 65.00
1,1,1,2-Tetrachloroethane	(ug/l)	5	0.68U	0.68U	0.43U	0.43U
1,1,1-Trichloroethane	(ug/l)	5	0.72U	0.72U	0.43U	0.43U
1,1,2,2-Tetrachloroethane	(ug/l)	5	0.81U	0.81U	0.55U	0.55U
1,1,2-Trichloroethane	(ug/l)	1	0.86U	0.86U	0.42U	0.42U
1,1-Dichloroethane	(ug/l)	5	0.78U	0.78J	0.36U	0.36U
1,1-Dichloroethylene	(ug/l)	5	0.78U	0.78U	0.37U	0.37U
1,1-Dichloropropene	(ug/l)	5	0.69U	0.69U	0.21U	0.21U
1,2,3-Trichlorobenzene	(ug/l)	5	0.51U	0.51U	0.52U	0.52U
1,2,3-Trichloropropane	(ug/l)	0.04	1.08U	1.08U	0.71U	0.71U
1,2,4,5-Tetramethylbenzene	(ug/l)		0.6U	0.6U	0.42U	0.42U
1,2,4-Trichlorobenzene	(ug/l)	5	0.56U	0.56U	0.42U	0.42U
1,2-Dichloroethane	(ug/l)	0.6	0.7U	0.7U	0.32U	0.32U
1,2-Dichloropropane	(ug/l)	1	0.65U	0.65U	0.49U	0.49U
1,3-Dichloropropane	(ug/l)	5	0.66U	0.66U	0.38U	0.38U
2,2-Dichloropropane	(ug/l)	5	0.49U	0.49U	0.47U	0.47U
2-Hexanone	(ug/l)	50	2.21U	2.21U	0.31U	0.31U
4-Ethyltoluene	(ug/l)		0.59U	0.59U	0.4U	0.4U
Acetone	(ug/l)	50	2.36U	2.36U	0.79U	0.79U
Acrylonitrile	(ug/l)	5	4.55U	4.55U	2.04U	2.04U
Benzene	(ug/l)	1.0	0.73U	0.73U	0.34U	0.34U
Benzene, 1,2,4-trimethyl	(ug/l)	5	0.54U	0.54U	0.38U	0.38U

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U, J =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	TMW-01 TMW-01 (98-103) 03/14/2007 98.00	TMW-01 TMW-01 (87-92) 03/14/2007 87.00	TMW-01 TMW-01 (76-81) 03/15/2007 76.00	TMW-01 TMW-01 (65-70) 03/15/2007 65.00
Benzene, 1,3,5-trimethyl-	(ug/l)	5	0.56U	0.56U	0.34U	0.34U
Benzene, 1-methylethyl-	(ug/l)	5	0.64U	0.64U	0.33U	0.33U
Bromobenzene	(ug/l)	5	0.67U	0.67U	0.38U	0.38U
Bromodichloromethane	(ug/l)	50	0.67U	0.67U	0.45U	0.45U
Bromoform	(ug/l)	50	0.67U	0.67U	0.46U	0.46U
Carbon disulfide	(ug/l)		0.74U	0.74U	0.32U	0.32U
Carbon tetrachloride	(ug/l)	5	0.68U	0.68U	0.3U	0.3U
Chlorobenzene	(ug/l)	5	0.7U	0.7U	0.36U	0.36U
Chlorobromomethane	(ug/l)	5	0.69U	0.69U	0.61U	0.61U
Chlorodifluoromethane	(ug/l)		0.77U	0.77U	0.35U	0.35U
Chloroethane	(ug/l)	5	1.34U	1.34U	0.75U	0.75U
Chloroform	(ug/l)	7	0.76U	0.76U	0.39U	0.39U
cis-1,2-Dichloroethylene	(ug/l)	5	0.68U	0.68U	0.43U	0.43U
cis-1,3-Dichloropropene	(ug/l)	0.4	0.53U	0.53U	0.41U	0.41U
DBCP	(ug/l)	0.04	0.64U	0.64U	0.7U	0.7U
Dibromochloromethane	(ug/l)	50	0.68U	0.68U	0.45U	0.45U
Dichlorodifluoromethane	(ug/l)	5	0.7U	0.7U	0.34U	0.34U
Diethyl benzene (mixed isomers)	(ug/l)		0.58U	0.58U	0.39U	0.39U
EDB	(ug/l)	0.0006	0.71U	0.71U	0.36U	0.36U
Ethene, 1,2-dichloro-, (E)-	(ug/l)	5	0.67U	0.67U	0.38U	0.38U
Ethene,(2-chloroethoxy)-	(ug/l)		1.29U	1.29U	1.77U	1.77U

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	TMW-01 TMW-01 (98-103) 03/14/2007 98.00	TMW-01 TMW-01 (87-92) 03/14/2007 87.00	TMW-01 TMW-01 (76-81) 03/15/2007 76.00	TMW-01 TMW-01 (65-70) 03/15/2007 65.00
Ethylbenzene	(ug/l)	5	0.7U	0.7U	0.44U	0.44U
Freon 113	(ug/l)		0.61U	0.61U	0.46U	0.46U
Hexachlorobutadiene	(ug/l)	0.5	0.53U	0.53U	0.49U	0.49U
m-Dichlorobenzene	(ug/l)	3	0.63U	0.63U	0.45U	0.45U
Methyl bromide	(ug/l)	5	0.89U	0.89U	0.52U	0.52U
Methyl chloride	(ug/l)	5	0.75U	0.75U	0.73U	0.73U
Methyl ethyl ketone	(ug/l)	50	2.31U	2.31U	0.96U	0.96U
Methyl isobutylketone (MIBK)	(ug/l)		2.48U	2.48U	0.49U	0.49U
Methylene bromide	(ug/l)	5	0.69U	0.69U	0.41U	0.41U
Methylene chloride	(ug/l)	5	0.79U	0.79U	0.44U	0.44U
Methyltert-butylether	(ug/l)	10	0.74U	0.74U	0.4U	0.4U
m-Xylene	(ug/l)		1.15U	1.15U	0.78U	0.78U
Naphthalene	(ug/l)	10	0.62U	0.62U	0.54U	0.54U
n-Butylbenzene	(ug/l)	5	0.58U	0.58U	0.39U	0.39U
n-Propylbenzene	(ug/l)	5	0.64U	0.64U	0.36U	0.36U
o-Chlorotoluene	(ug/l)	5	0.61U	0.61U	0.43U	0.43U
o-Dichlorobenzene	(ug/l)	3	0.64U	0.64U	0.41U	0.41U
o-Xylene	(ug/l)		0.68U	0.68U	0.44U	0.44U
p-Chlorotoluene	(ug/l)	5	0.6U	0.6U	0.46U	0.46U
p-Cymene	(ug/l)		0.54U	0.54U	0.37U	0.37U
p-Dichlorobenzene	(ug/l)	3	0.66U	0.66U	0.46U	0.46U

Samples were analyzed by ETL

The following qualifier(s) exist: CLP Q: U =Not analyzed

Table 2
NATIONAL GRID
GLENWOOD LANDING
2007 GEOPROBE, TEMPORARY WELL and STREAM SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)

PERIOD: From 03/09/2007 thru 12/04/2007 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	NYSDEC SCG	TMW-01 TMW-01 (98-103) 03/14/2007 98.00	TMW-01 TMW-01 (87-92) 03/14/2007 87.00	TMW-01 TMW-01 (76-81) 03/15/2007 76.00	TMW-01 TMW-01 (65-70) 03/15/2007 65.00
sec-Butylbenzene	(ug/l)	5	0.58U	0.58U	0.42U	0.42U
Styrene	(ug/l)	5	0.6U	0.6U	0.33U	0.33U
tert-amyl methyl ether	(ug/l)		0.43U	0.43U	0.41U	0.41U
tert-Butyl alcohol	(ug/l)		9.13U	9.13U	21.4U	21.4U
tert-Butylbenzene	(ug/l)	5	0.56U	0.56U	0.48U	0.48U
Tetrachloroethylene	(ug/l)	5	1.3	1.59	0.18U	0.18U
Toluene	(ug/l)	5	3.13	0.81	[8.72]	0.4U
trans-1,3-Dichloropropene	(ug/l)	0.4	0.64U	0.64U	0.42U	0.42U
Trichloroethylene	(ug/l)	5	0.69U	0.69U	0.28U	0.28U
Trichlorofluoromethane	(ug/l)	5	0.69U	0.69U	0.34U	0.34U
Vinyl chloride	(ug/l)	2	0.73U	0.73U	0.38U	0.38U
Total Chlorinated VOCs	(ug/l)		1.3	2.37	0.0	0.0
TOTAL VOLATILE ORGANICS	(ug/l)		4.43	3.03	8.72	0.0

Samples were analyzed by ETL

[x]=Greater than Action Level The following qualifier(s) exist: CLP Q: U
=Not analyzed

APPENDIX C

BORING LOGS

Dvirka and Bartilucci CONSULTING ENGINEERS	**Project No.:** 1620 **Project Name:** KeySpan Glenwood Landing	**Boring No.: GP-05** **Sheet** 1 **of** 2 **By:** MB
Drilling Contractor: Zebra **Driller:** Brad Johnson **Drill Rig:** Geoprobe 6600 **Date Started:** 6/8/06	**Geologist:** Anthony Caniano **Drilling Method:** Geoprobe **Drive Hammer Weight:** NA **Date Completed:** 6/8/06	**Boring Completion Depth:** 50' **Ground Surface Elevation:** Apx 15' **Boring Diameter:** 2"

Depth (ft.)	Soil Sample No.	Soil Sample Type	Soil Sample Rec. (inches)	Photo-Ionization Detector (ppm)	Sample Description
0' - 4'	1	HA	48	0.0	Brown, medium-coarse SAND w/some gravel, bricks, loose, dry-wet
4' - 8'	2	MC	24	0.0	0-18": Brown, medium-fine SAND, some medium-fine gravel 18-24": Brown, medium-coarse GRAVEL, some medium-coarse sand, loose, wet
8' - 12'	3	MC	12	0.0	Brown-gray, medium-fine SAND, some medium-fine gravel, loose, wet
12' - 16'	4	MC	42	0.0	0-18": Gray, medium-fine SAND, some coarse, some medium-coarse gravel, loose, wet 18-30": Gray-red brown, medium-fine SAND, some coarse, some medium-coarse gravel, loose, wet 30-42": Same as above, red-white, trace silt
16' - 20'	5	MC	30	0.0	White-red, medium-fine SAND, some coarse, some medium-coarse gravel, trace silt, loose, wet
20' - 24'	6	MC	30	0.0	White-red, medium-fine SAND, trace gravel and silt, loose, wet
24' - 28'	7	MC	42	0.0	0-30": Same as above 30-42": Reddish white, coarse SAND w/some medium-coarse gravel, loose, wet
28' - 32'	8	MC	36	0.0	Reddish white-white/tan, medium-coarse SAND, trace medium-coarse gravel, loose, wet
32' - 36'	9	MC	36	0.0	Same as above, white/tan, trace-some gravel
36' - 40'	10	MC	12	0.0	Same as above
40' - 44'	11	MC	36	0.0	0-12": Same as above 12-36": White and red, SILT w/some clay, trace-some medium-fine sand, soft/loose, wet

Dvirka and Bartilucci CONSULTING ENGINEERS	**Project No.:** 1620 **Project Name:** KeySpan Glenwood Landing	**Boring No.: GP-05** **Sheet** 2 **of** 2 **By:** MB
Drilling Contractor: Zebra **Driller:** Brad Johnson **Drill Rig:** Geoprobe 6600 **Date Started:** 6/8/06	**Geologist:** Anthony Caniano **Drilling Method:** Geoprobe **Drive Hammer Weight:** NA **Date Completed:** 6/8/06	**Boring Completion Depth:** 50' **Ground Surface Elevation:** Apx 15' **Boring Diameter:** 2"

Depth (ft.)	Soil Sample No.	Soil Sample Type	Soil Sample Rec. (inches)	Photo-Ionization Detector (ppm)	Sample Description
44' - 48'	12	MC	36	0.0	0-12": White and red, SILT, little clay, some medium-fine sand, soft/loose, wet 12-36": Reddish white, medium-coarse SAND, trace gravel, loose, wet
48' - 50'	13	MC	24	0.0	Reddish white, medium-coarse SAND, trace silt, some silt and little clay in top 12 ", loose/soft, wet

Sample Types:
HA = Hand Auger
MC = Macrocore

NOTES:

Dvirka and Bartilucci CONSULTING ENGINEERS	**Project No.:** 1620-W **Project Name:** Glenwood Landing Former Gas Plant Site	**Boring No.: TMW-01** **Sheet** 1 **of** 2 . **By:** Anthony Caniano
Drilling Contractor: ADT **Driller:** Shawn Miller **Drill Rig:** HSA **Date Started:** 3/5/07	**Geologist:** Anthony Caniano **Drilling Method:** HSA **Drive Hammer Weight:** -- **Date Completed:** 3/15/07	**Boring Completion Depth:** 291' **Ground Surface Elevation:** 85' **Boring Diameter:** 8"

Depth Interval (ft.)	Soil Sample No.	Type	Blows Per 6"	Rec.	PID Reading (ppm)	Sample Description
0-7	0	HA	NA	7'	NA	Brown-red, medium-coarse SAND, little-some medium-coarse gravel, rocks, loose, moist
8-10	1	SS	41, 60, 45, 21	6"	0.0	Brown, medium-coarse SAND, little medium-coarse gravel, rocks, loose, moist
18-20	2	SS	20, 14, 11, 7	12"	0.0	0-2": Same as above 2"-12": Light brown, fine-medium GRAVEL, medium-coarse sand, rocks, loose, moist
28-30	3	SS	28, 10, 10, 7	12"	0.0	0-6": Brown, medium-fine SAND, some medium-coarse gravel, loose, moist 6-12": Tan, medium-fine SAND, some medium-coarse gravel, rocks, loose, moist
38-40	4	SS	37, 29, 30, 20	0"	NA	No recovery
48-50	5	SS	50, 22, 14, 21	8"	0.0	Tan, medium-coarse SAND, some medium-fine gravel, loose, moist
58-60	6	SS	5, 8, 11, 14	12"	0.0	White-tan, fine sandy SILT, little clay, some natural red staining, medium dense, moist to wet
68-70	7	SS	8, 6, 11, 5	12"	0.0	Tan, medium-fine SAND, loose, wet
78-80	8	SS	3, 5, 4, 6	18"	0.0	Brown, medium-fine SAND, little medium-fine gravel, loose, wet
88-90	9	SS	4, 8, 10, 15	24"	0.0	Same as above, no gravel
98-100	10	SS	20, 16, 11, 15	18"	0.0	Tan, medium-fine SAND, trace gravel, loose, wet

Sample Types:
SS = Split Spoon
HA = Hand Auger

NOTES: Heave starting to enter augers at approximately 95'. Heave washed out to collect split spoons.

Dvirka and Bartilucci CONSULTING ENGINEERS	**Project No.:** 1620-W **Project Name:** Glenwood Landing Former Gas Plant Site	**Boring No.: TMW-01** **Sheet** 2 **of** 2 . **By:** Anthony Caniano
Drilling Contractor: ADT **Driller:** Shawn Miller **Drill Rig:** HSA **Date Started:** 3/5/07	**Geologist:** Anthony Caniano **Drilling Method:** HSA **Drive Hammer Weight:** -- **Date Completed:** 3/15/07	**Boring Completion Depth:** 291' **Ground Surface Elevation:** 85' **Boring Diameter:** 8"

Depth Interval (ft.)	Soil Sample No.	Type	Blows Per 6"	Rec.	PID Reading (ppm)	Sample Description
108-110	11	SS	11, 6, 14, 6	24"	0.0	Tan, medium-coarse SAND, some medium-fine gravel, loose, wet
118-120	12	SS	8, 22, 16, 30	12"	0.0	Same as above, trace gravel
128-130	13	SS	14, 27, 22, 30	12"	0.0	Tan, medium-fine SAND, trace gravel, loose, wet
138-140	14	SS	35, 18, 26, 27	0"	NA	No recovery
148-150	15	SS	8, 16, 22, 10	18"	0.0	Tan, medium-coarse SAND, some medium-coarse gravel, trace silt and clay, loose, wet
158-160	16	SS	23, 20, 16, 25	24"	0.0	Tan-light brown, medium-coarse SAND, some medium-coarse gravel, loose, wet
168-170	17	SS	10, 18, 26, 37	4"	0.0	Brown, silty fine SAND, trace gravel, loose, wet
178-180	18	SS	3, 3, 5, 7	12"	0.0	Tan, silty CLAY, some medium-fine sand, trace gravel, medium dense, wet
188-190	19	SS	NA	2"	0.0	Tan, medium-coarse SAND, some medium-coarse gravel, loose, wet
198-200	20	SS	170 for 6"	2"	0.0	Tan, SAND, loose, wet
288-290	21	SS	27, 22, 20, 15	6"	0.0	Gray-black, CLAY, solid, dry

Sample Types:
SS = Split Spoon

NOTES: Split spoons not collected from 200 to 288 feet due to heave in the augers.

APPENDIX D

TEMPORARY VERTICAL PROFILE
WELL TMW-01 GAMMA LOG

AQUA TERRA GEOPHYSICS INC

COMPANY AQUIFER DRILLING & TESTING
WELL ID TMW - 01
FIELD
COUNTRY STATE

CO
WELL
FLD
CTY
STE
FILING No

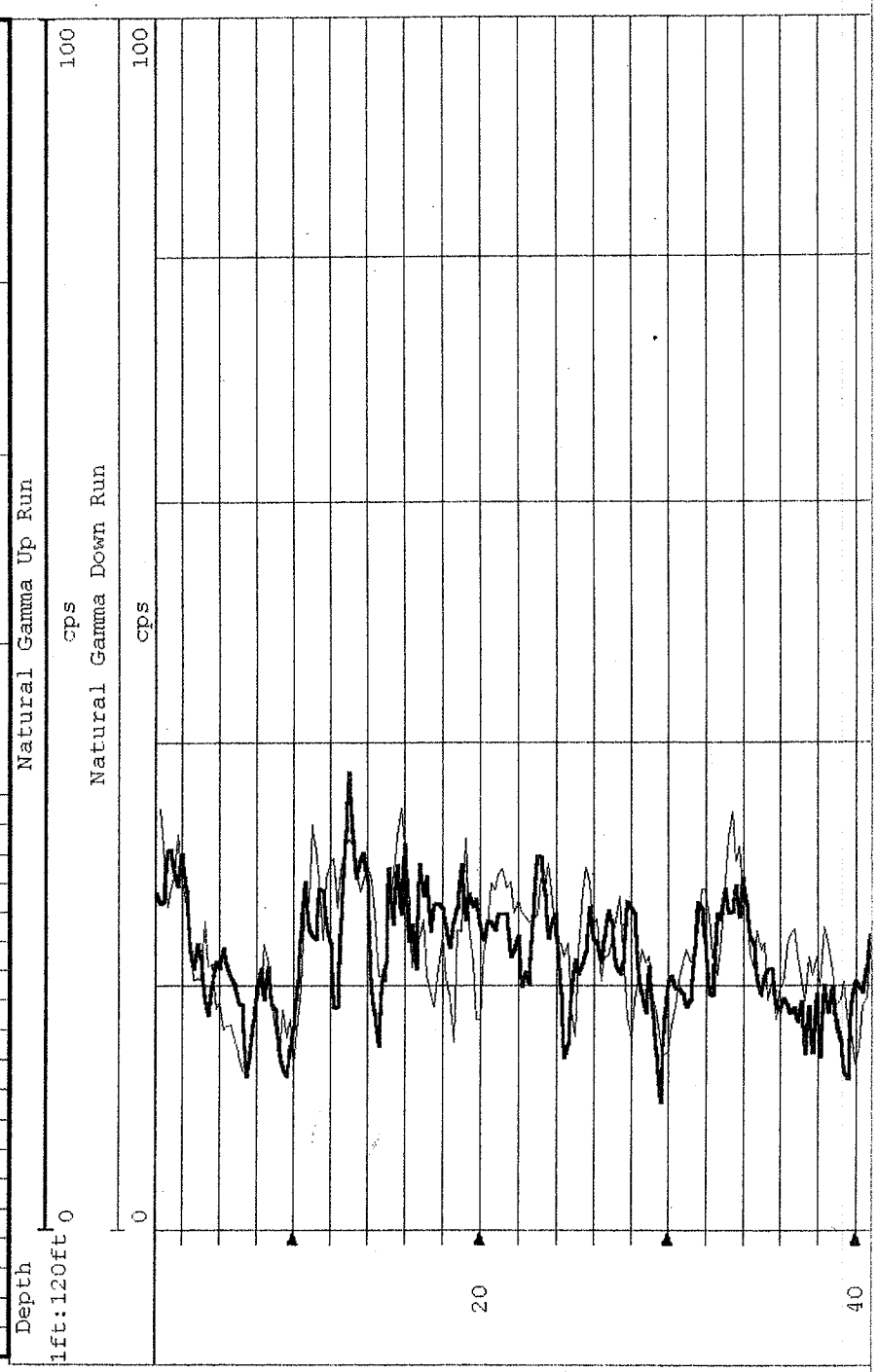
LOCATION
SEC TWP RGE

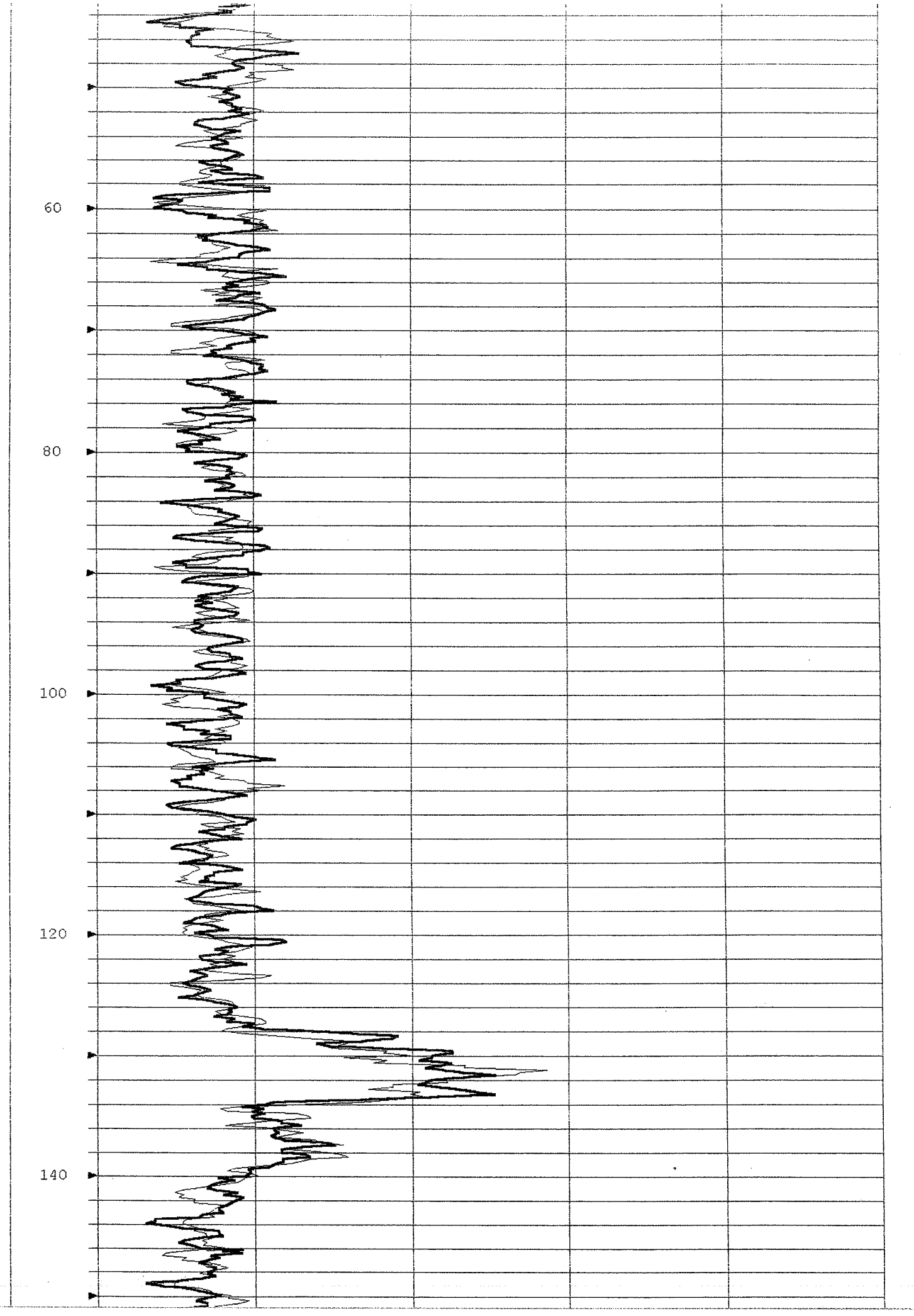
OTHER SERVICES

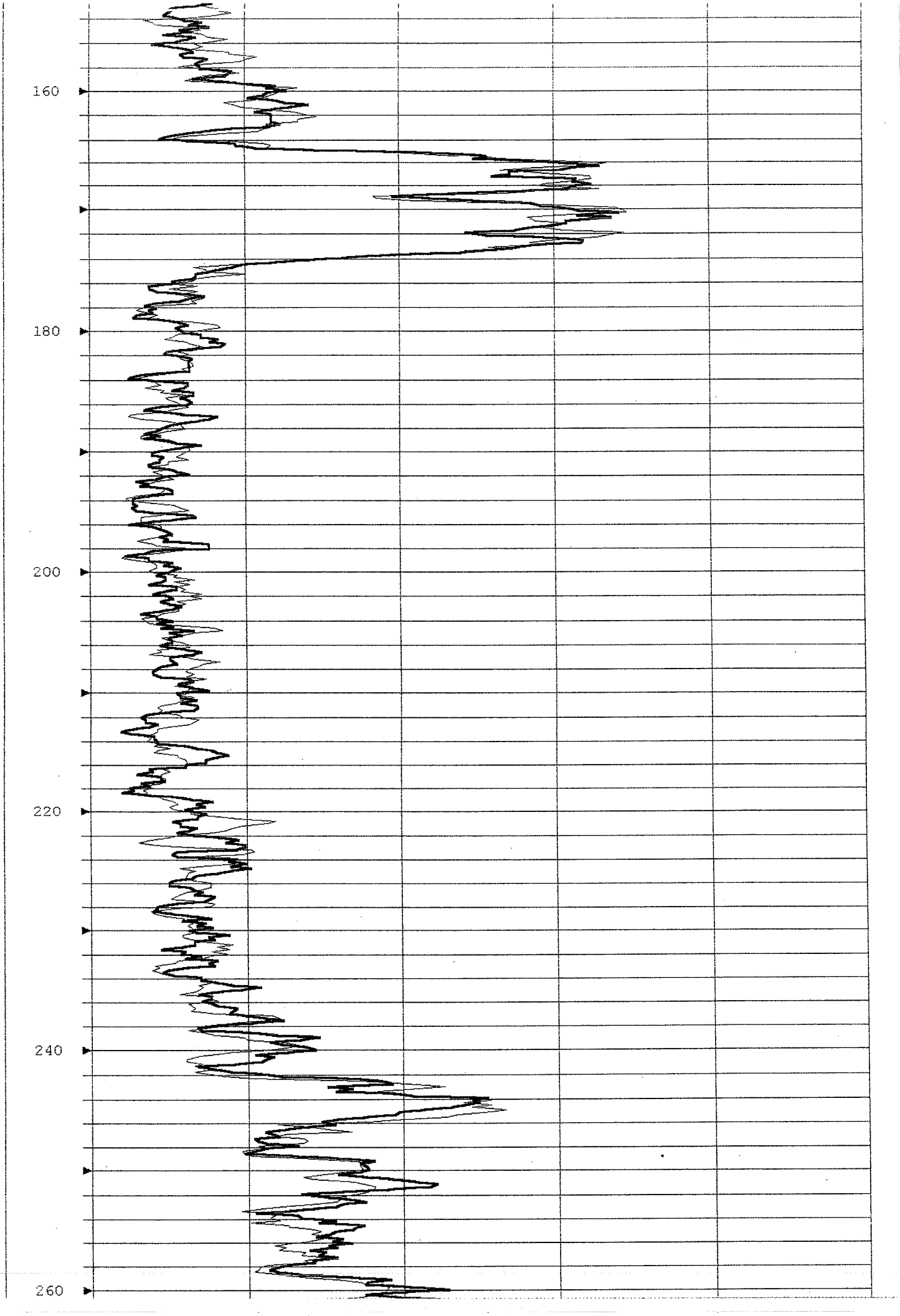
PERMANENT DATUM ELEVATION K.B.
LOG MEAS. FROM GROUND SURFACE ABOVE PERM. DATUM D.F.
DRILLING MEAS. FROM G.L.

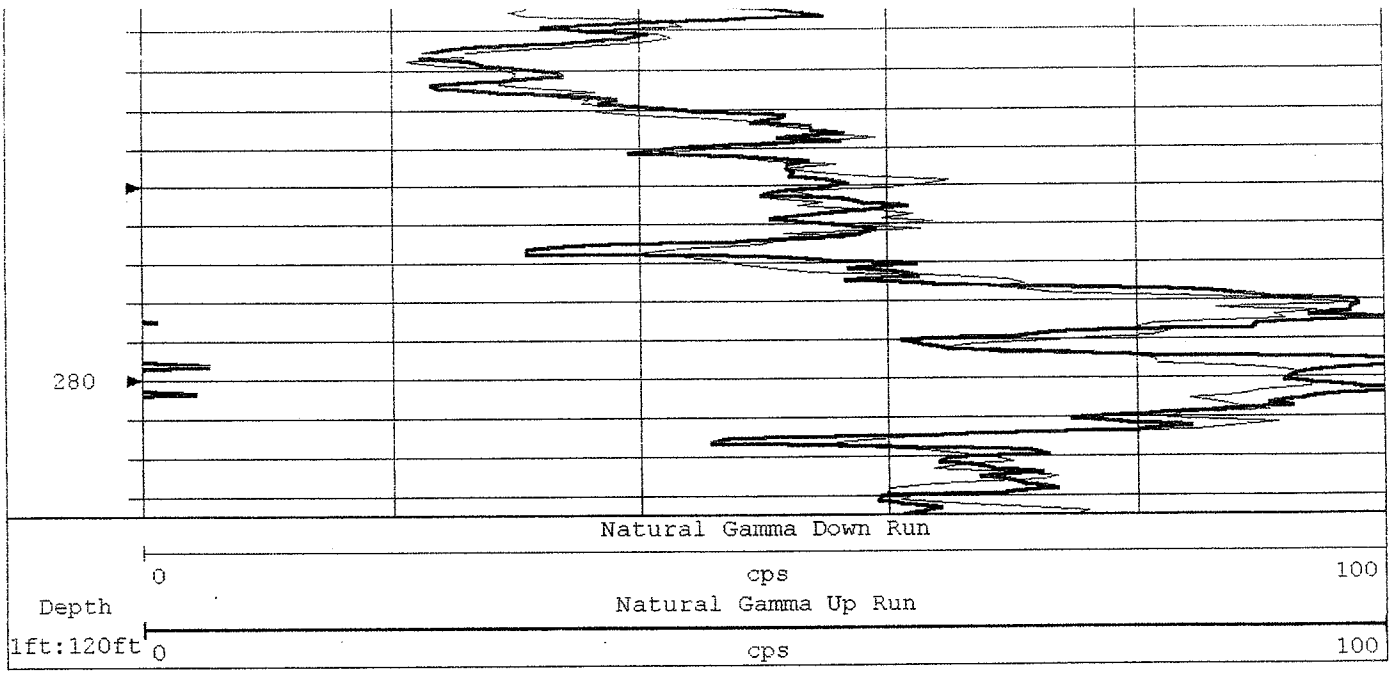
DATE	MARCH 8, 2007	TYPE FLUID IN HOLE	
RUN No		SALINITY	
TYPE LOG		DENSITY	
DEPTH-DRILLER	292 FEET	LEVEL	
DEPTH-LOGGER	288 FEET	MAX. REC. TEMP.	
BTM LOGGED INTERVAL			
TOP LOGGED INTERVAL			
OPERATING RIG TIME			
RECORDED BY	BENJAMIN RICE		
WITNESSED BY	TOM FOX		

RUN	BOREHOLE RECORD			CASING RECORD			
NO.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
				3 INCH	HSA		T.D.




60
80
100
120
140


160
180
200
220
240
260


280
Natural Gamma Down Run
0
cps
100
Depth
Natural Gamma Up Run
1ft:120ft
0
cps
100

APPENDIX E

NYSDEC AND KEYSPAN CORRESPONDENCE CONCERNING ADJACENT MOBIL OIL TERMINAL

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region One
Spill Prevention and Response
Building 40 - SUNY, Stony Brook, New York 11790-2356
Phone: (516) 444-0320 FAX: (516) 444-0373

John P. Cahill
Commissioner

February 24, 1999

CERTIFIED LETTER - RETURN RECEIPT REQUESTED

Mobil Business Resources Corporation
464 Doughty Blvd.
Inwood, New York 11096-1342

Attn: Mr. Steve Trifiletti, Environmental Engineer

Re: MOSF 1-1440, Mobil Terminal 31-003, Shore Road, Glenwood Landing, N.Y.

Dear Mr. Trifiletti:

On February 8, 1999, this office was in receipt of a supplemental subsurface investigation report prepared by Fenley and Nicol on the behalf of KeySpan Energy. The investigation was conducted to determine if floating product found in several of your wells at the referenced site may be emanating from the KeySpan property located immediately north and adjacent to your facility.

Based upon review of this report, it appears that the product found in wells #81, 82, 83 and 36 located along the northeast section of your facility is not a result of off-site migration from the KeySpan property.

Therefore, this office requires that you continue with the necessary investigation and remediation of the floating product. However, to prevent any further migration of the contamination, you must also proceed with a more aggressive approach to product recovery. Please submit a proposal to this office for review and comment within 14 days of receipt of this letter.

As discussed during our recent telephone conversation, you may include this portion of the investigation/remediation in your letter to our Regional Attorney, Lori Riley, requesting a revision to the Consent Order previously executed for this site (Order On Consent #01-3768 & 3769).

If you have any questions or comments regarding this matter, please call me at (516) 444-0322.

Sincerely,

Nick Acampora
Environmental Program Specialist I

cc: K. Gomez
L. Riley, Reg. Atty.
C. Poole, Handex
P. Van Rossem, KeySpan

KEYSPAN ENERGY

Environmental Engineering Department
445 Broad Hollow Road
Melville, NY 11747

February 4, 1999

Mr. Nick Acampora
New York State Department of
Environmental Conservation
Building #40 - SUNY
Stony Brook, New York 11790

RE: Glenwood Gas Plant Site Investigation Report

Dear Mr. Acampora:

Attached is the report for the Glenwood Gas Plant subsurface investigation that was conducted in response to your request. This subsurface investigation was requested to determine if certain fuel oil contamination at the adjacent Glenwood Landing Mobil Oil Terminal potentially originated from our property. Fenley and Nicol's (F&N) report summarizes the work that was conducted over the three day effort and confirms the field observations whereby no free product or staining was detected in any of the samples. Your presence during the first two days of the field work enabled you to observe most of the sample collection effort.

The subsurface investigation and associated report support the conclusion that our property is not the source of the contamination that was identified on the adjacent Mobil property. Considering that company resources were expended to disprove that the contamination originated from our property, we are requesting a copy of any forwarding correspondence to Mobil regarding our findings and any additional NYSDEC action requests for our files. In addition, we also request a written response from the NYSDEC indicating that no further action is required by KeySpan Energy.

A copy of our July 30, 1998 letter to you is attached for your reference as it contains other pertinent information. Please contact me at (516) 391-6058, if you have any questions or require any additional information.

Sincerely,

Patrick J Van Rossem

Patrick J. Van Rossem
Environmental Engineering Department

Attachments

Post-it® Fax Note 7671	Date	# of pages ▶ 4
To Tom Fox	From P. Van Rossem	
Co./Dept.	Co.	
Phone #	Phone #	
Fax #	Fax #	

APPENDIX F

EPA LAWRENCE AVIATION DATA

Lawrence Aviation Industries

New York

EPA ID#: NYD002041531

EPA REGION 2

Congressional District(s): 01

Suffolk

Port Jefferson Station

NPL LISTING HISTORY
Proposed Date: 10/22/1999
Final Date: 3/6/2000

Site Description

The Lawrence Aviation Industries (LAI) site is located in the Village of Port Jefferson Station, Town of Brookhaven, Suffolk County, New York. LAI was a manufacturer of titanium sheeting for the aeronautics industry. The company was founded at its present location in 1959. The property was previously a turkey farm owned by LAI's corporate predecessor, Ledkote Products Company of New York. In 1991, LAI indicated that its titanium mill was operating in a 200,000-square-foot plant complex on a 160-acre site. The site is located on a topographic high point and is surrounded by residential areas and a few commercial properties. The Port Jefferson Harbor, an outlet to the Long Island Sound, lies approximately one mile to the north, in the direction of groundwater flow. Groundwater from the underlying Upper Glacial/Magothy aquifer is the only source of drinking water in the site vicinity. There are 47 public supply wells, serving an estimated 120,500 people within 4 miles of the site.

Past disposal practices and releases from leaking drums at LAI have resulted in numerous violations cited by both Suffolk County Department of Health Services (SCDHS) and New York State Department of Environmental Conservation (NYSDEC). In 1980, the company crushed more than 1600 drums, allowing the liquid contents to spill on unprotected soil. The drums contained trichloroethylene (TCE), tetrachloroethylene (PCE), spent acid sump sludges, salt wastes, hydraulic oils, hydroflouric acid, nitric acids, and other plant wastes. SCDHS also observed numerous discharges from various plant activities to the ground surface and to two unlined lagoons.

Threat and Contaminants

Groundwater contaminated with TCE, PCE, nitrates, and flouride has been detected in monitoring wells installed on the perimeter of the site property by NYSDEC, as well as in nearby residential wells. Potential drinking water threats posed to residents have been addressed by connecting the affected homes to the public water supply. Annual testing of the public supply wells show them to be in compliance with State and Federal standards. Due to shallow groundwater in residential areas over the TCE plume, vapor intrusion is a potential threat. EPA has initiated evaluation of this exposure pathway.

Cleanup Approach

It is anticipated that the site will be addressed in phases: an immediate action phase for extension to the public water supply (which has been completed) and two long-term remedial phases, focusing on the soil and groundwater contamination on the property and groundwater contamination migrating off the property.

Response Action Status

Groundwater Removal Actions:

From 1979 to 1997, TCE was detected in 11 residential wells located between 0.22 and 1.05 miles north of the site. Residences with private drinking water wells located north of the site have been connected to the public water supply to eliminate the presence or threat of exposure to TCE contamination. These removal actions were performed by both EPA and NYSDEC.

Drum Removal Action :

In July 1990, the NYSDEC Resource Conservation and Recovery Act program discovered more than 2,000 drums stored on the site. Drum contents included waste solvents, acetone, acids, oils, salty bases, inks, and untreated acidic sludges,

as well as numerous types of solid waste. NYSDEC cited LAI for violating numerous hazardous waste regulations, and provided oversight for drum removal activities in 1990 and 1991.

During 2004 EPA undertook another removal action. The objective of this action was to stabilize remaining on site materials and reduce the threat of release of hazardous substances. Approximately 1300 drums of waste materials were disposed off site.

Site Facts:

The EPA sent a Notice Letter to the party responsible for the site contamination in April 2000. Because negotiations with the potentially responsible party to conduct a remedial investigation/feasibility study were unsuccessful, EPA has utilized a Superfund contractor to assess the nature and extent of contamination at the Site and alternatives to address it.

Cleanup Progress

The extension of public water to the 11 nearby residences has eliminated the potential exposure or threat of exposure to contamination through the drinking water pathway. Additionally, the removal of drums containing hazardous chemicals has reduced the number of source areas on the property and the potential for cross contamination to the underlying groundwater.

EPA has completed the Remedial Investigation and Feasibility Study to determine the extent of contamination and evaluated alternatives for Site clean-up. The Proposed Remedial Action Plan was issued in July 2006 and a Public Meeting was held on August 1, 2006. After consideration of public comments that were recieved up until the close of the extended comment period on September 18, 2006, EPA 's Record of Decision for the site was issued on September 29, 2006. The selected remedy includes excavation and removal of surface soils with PCB concentrations exceeding 1,000 micrograms / kilogram. The selected remedy for groundwater includes groundwater extraction and treatment as well as in situ chemical oxidation enhancement.

Remedial Design activities associated with delineation of PCB soil excavation areas, evaluation of on site electrical transformers, and evaluation of the facility's drainage catchbasins have been initiated. Installation of additional groundwater monitoring wells was initiated in January 2008.

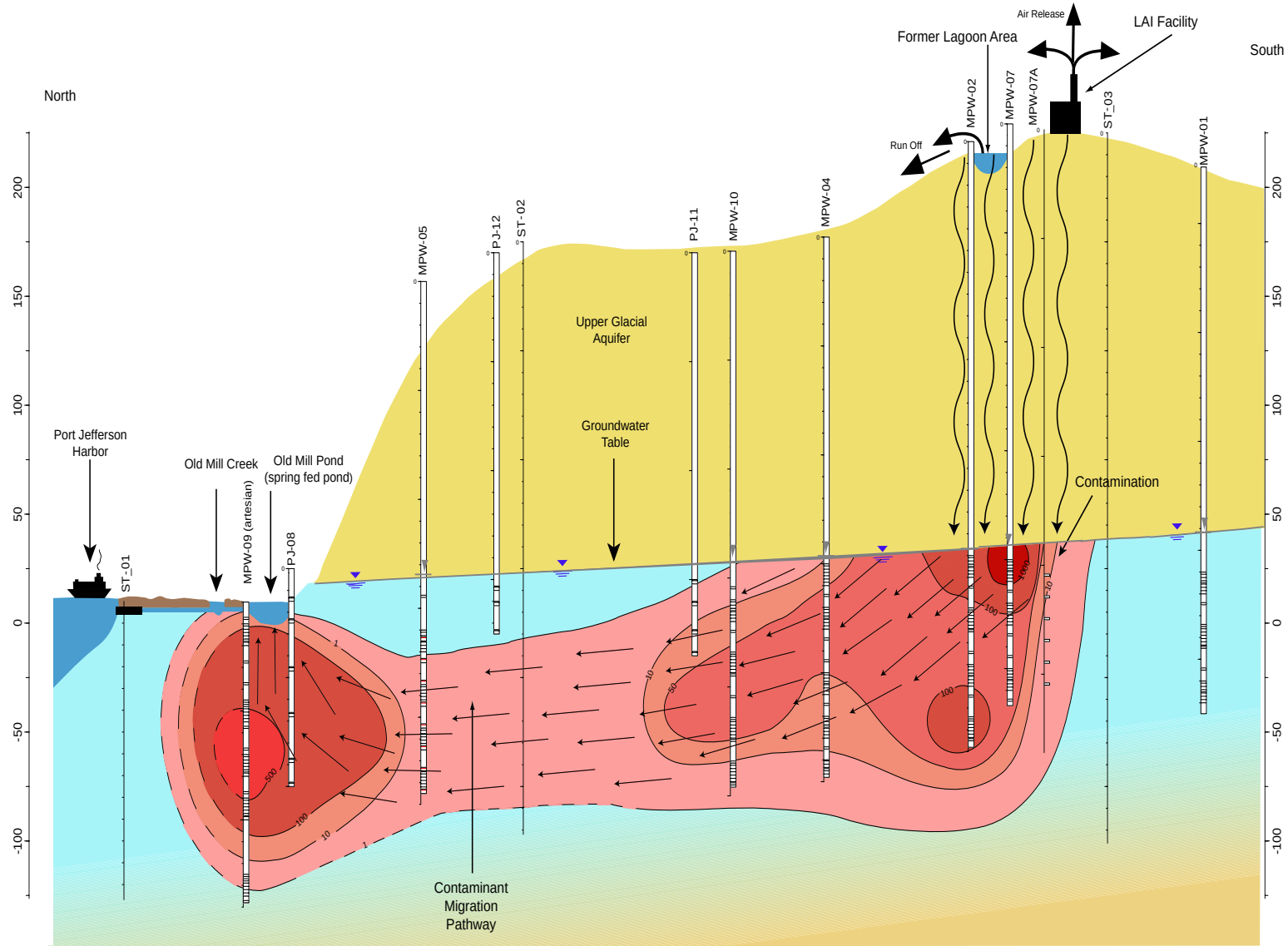
Site Repositories

Additional information about the site is available for review at:

Port Jefferson Free Public Library 100 Thompson Street Port Jefferson, NY 11777

and

Comesewogue Library 170 Terryville Road Port Jefferson Station, NY 11776



LEGEND

- TCE Isoconcentration contour, dashed where inferred, March 2005, micrograms/liter

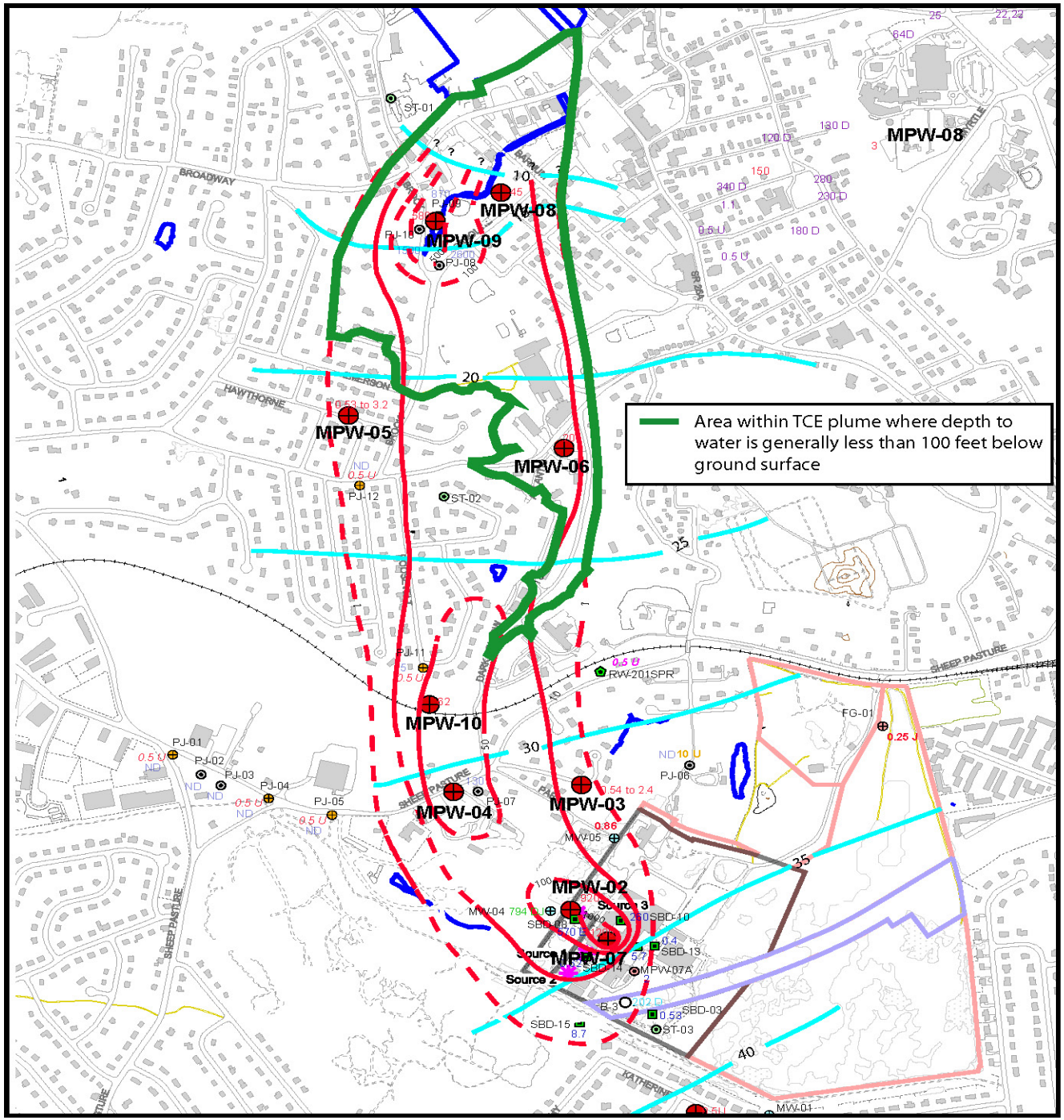
1000 | 100 | 10

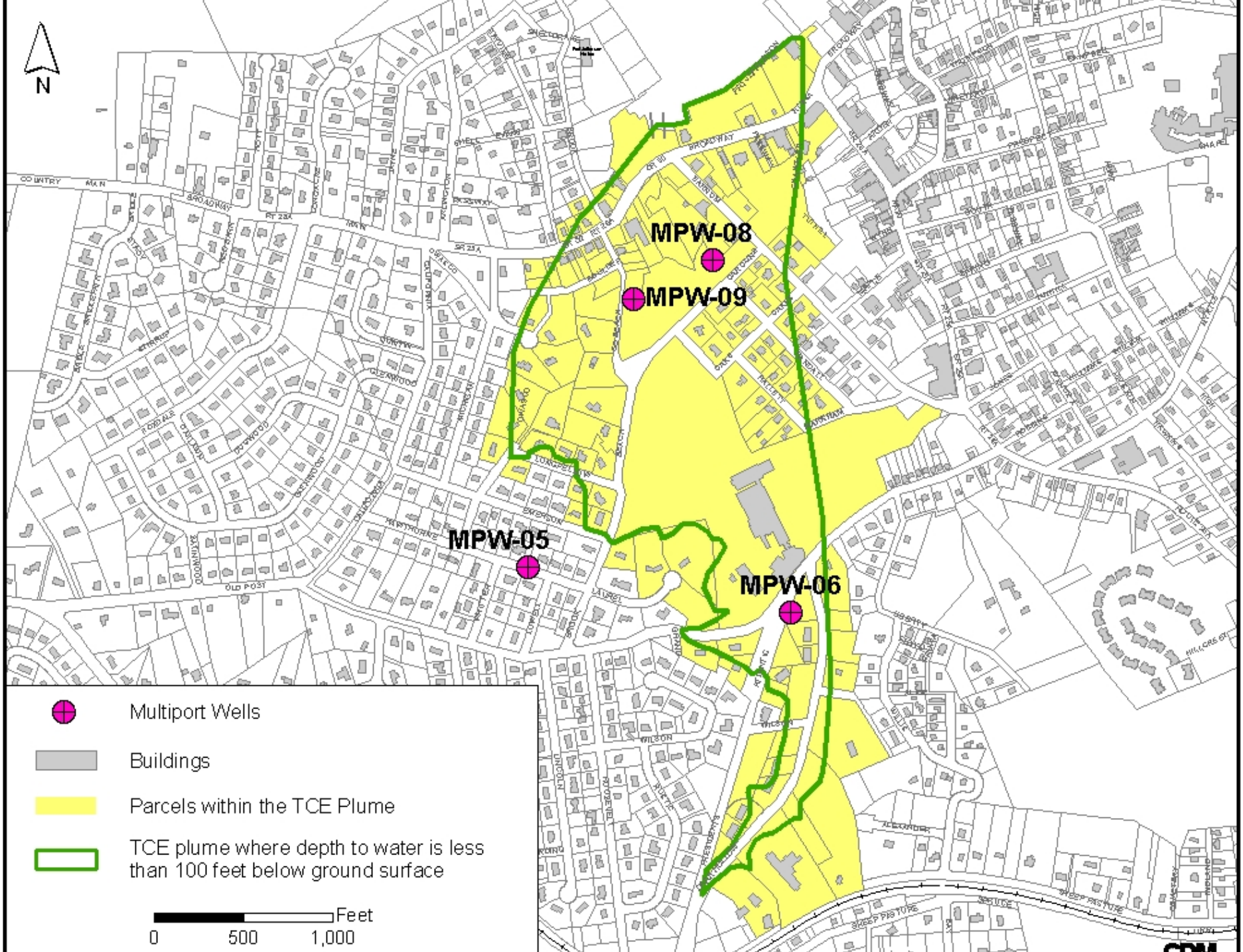
500 | 50 | 1

Top of Water Table

Figure 3 - 15
Conceptual Model of Groundwater Flow and Contaminant Migration
Remedial Investigation
Lawrence Aviation Industries Superfund Site
Port Jefferson Station, New York

CDM


Area within TCE plume where depth to water is generally less than 100 feet below ground surface
MPW-01
MPW-02
MPW-03
MPW-04
MPW-05
MPW-06
MPW-07
MPW-08
MPW-09
MPW-10
Source 1
Source 2
Source 3
BROADWAY
HAWTHORNE
SHEEP PASTURE
ST-01
ST-02
ST-03
PJ-01
PJ-02
PJ-03
PJ-04
PJ-05
PJ-06
PJ-07
PJ-08
PJ-09
PJ-10
PJ-11
PJ-12
RW-201SPR
FG-01
MW-01
MW-04
MW-05
MPW-07A
SBD-03
SBD-10
SBD-13
SBD-14
SBD-15
B-3
10
20
25
30
35
40


N
MPW-08
MPW-09
MPW-05
MPW-06
Multiport Wells
Buildings
Parcels within the TCE Plume
TCE plume where depth to water is less than 100 feet below ground surface
Feet
0
500
1,000

Dvirka and Bartilucci CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.

PROJECT ENGINEER: T.F. | DRAWN BY: D.S.C.
DESIGNED BY: T.F. | CHECKED BY: A.C.

NATIONAL GRID

GLENWOOD LANDING FORMER GAS PLANT SITE

SITE LOCATION AND UPGRADIENT CHLORINATED VOC SOURCES

PROJECT NO. 1620-W
DATE: JUNE 2008
SCALE: 1" = 300'
DRAWING NO. 1