

November 27, 2006

Nathan E. Putnam, NYSDEC
Division of Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 11th Floor
Albany, N.Y. 12233-7015

Re: Subsurface Investigation Report (Site No. 1-30-034), Former Penetrex Processing, Inc., Glenwood Landing, New York

Dear Mr. Putnam:

P.W. Grosser Consulting Inc. (PWGC) has prepared the enclosed report to document the findings of the Subsurface Investigation conducted at the above-referenced site in September and August 2006. The Investigation included a geophysical investigation, test pits, a soil boring program, groundwater vertical profile sampling, monitoring well sampling, and soil gas sampling.

Results indicate that soil and groundwater impacted with volatile organic compounds (VOCs), especially tetrachloroethene, appear to be concentrated in the eastern parking area of the subject site. These results are consistent with the results of previous subsurface investigations at the site.

PWGC believes enough data has been collected to complete the remedial investigation, and recommends that an Interim Remedial Measure (IRM) be performed to expedite neutralization of residual material adversely impacting groundwater and to eliminate subsurface VOC vapors at the site.

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

Very truly yours,
P.W. Grosser Consulting, Inc.

John Eichler
Field Hydrogeologist

James P. Rhodes, CPG
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Cc: G. Bobersky, NYSDEC
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SUBSURFACE INVESTIGATION REPORT

FORMER PENETREX PROCESSING FACILITY
GLENWOOD LANDING, NEW YORK
SITE # 1-30-034

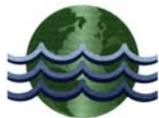
Prepared for:

The New York State Department of Environmental Conservation
Division of Environmental Remediation
Albany, New York

On behalf of:

Sive, Paget & Riesel, P.C.
New York, New York

Project No.: PEN0001



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NOVEMBER 2006

**FORMER PENETREX PROCESSING FACILITY
Subsurface Investigation Report**

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1.0 INTRODUCTION AND OBJECTIVES

This Subsurface Investigation Report has been prepared by P.W. Grosser Consulting, Inc. (PWGC) to document the subsurface investigation conducted at the former Penetrex Processing Inc. facility (the site) in August and September 2006. The site is currently listed on the New York State Department of Environmental Conservation (NYSDEC) Registry as a Class II Inactive Hazardous Waste Disposal Site.

The work plan for the investigation was presented by PWGC in correspondence with the NYSDEC in a letter dated October 26, 2005, and revised and approved by the NYSDEC in letters dated September 14, 2005 and December 22, 2005. These letters are included in this report as **Appendix A**. The objectives of the investigation were to:

- evaluate groundwater flow during a tidal cycle,
- locate additional UIC structures which may have discharged wastes,
- inspect the disposal conduit from the former Penetrex facility to its cesspool (DW-5) for areas that may have discharged wastes,
- evaluate groundwater quality throughout the site to determine if volatile organic compounds (VOC) have migrated, and if they have naturally degraded,
- evaluate soil quality in the vicinity of leaching structures DW-1 and DW-5 to determine if residual impact exists, and
- evaluate soil vapor quality at the property boundary with the small off-site residence to the southwest of the site to determine if further investigation is warranted.

1.1 Site Background

The subject site consists of an approximately one-acre parcel located on the east side of Shore Road (a.k.a. Glen Cove Roslyn Shore Road), in the Hamlet of Glenwood Landing, Town of North Hempstead, Nassau County, New York. The property is identified in Nassau County Tax

maps as Section 20 - Block K - Lots 10 through 12. The property is improved with a two-story brick industrial building, asphalt parking, communications tower, and other ancillary improvements.

The property is bounded to the west by Shore Road and to the east by West Street. The site is generally located north of Scudders Lane and is situated near and adjoining several major oil storage facilities, coastal terminals, and a municipal power station near Hempstead Harbor. Glenwood Oil Terminal Corp. is located northwest, diagonally across the property. A Site Vicinity Map is included as **Figure 1**.

A detailed site history of the site, prior to PWGC's involvement in the project, is documented in the Groundwater / Soil Gas Investigation Report, PWGC, April 2005, submitted under separate cover.

1.2 Previous Subsurface Investigations

Prior to the 2006 Subsurface Investigation, PWGC had conducted various investigations at the site, including a November 2001 Remedial Investigation, an October 2003 Interim Groundwater Investigation, an October 2004 Groundwater / Soil Gas Investigation, and an August 2005 Sub-Slab Vapor and Indoor Air Investigation.

1.2.1 November 2001 - Remedial Investigation

A remedial investigation was conducted at the site in November 2001 to obtain the information necessary to determine the need for a remediation at the site. The remedial investigation consisted of a file search (Town of North Hempstead Building Department), site reconnaissance, a soil boring program, the collection and analysis of soil samples, and the collection and analysis of groundwater samples from the existing on-site monitoring wells.

An underground injection control (UIC) investigation and remediation was performed in response to the results obtained from the soil boring program. This UIC program successfully dealt with soil issues identified during the investigation and the site has received closure regarding these UIC issues from the Nassau County Department of Health (NCDH) and the United States Environmental Protection Agency (USEPA). Findings from the remedial investigation are presented in the Preliminary Remedial Investigation Report, PWGC, July 2002 and the Storm Drain and Sanitary Leaching Pool Remediation and Closure Report, PWGC, September 2003, each submitted under separate cover.

1.2.2 October 2003 – Interim Groundwater Investigation

A groundwater investigation was performed at the site from October 2003 through January 2004 at the request of the NYSDEC and as part of the Remedial Investigation to delineate the horizontal and vertical extent of the dissolved VOCs and to determine if additional investigation/remediation is warranted. Based on the results of the soil boring investigation and monitoring well sampling that was performed as part of the remedial investigation, and correspondence with the NYSDEC, eight locations were chosen for vertical profile groundwater sampling. These vertical profiles were also performed to confirm the location and the depths for additional permanent monitoring wells. The samples were collected in accordance with the protocol established in the Preliminary Remedial Investigation Report, PWGC, July 2002, submitted under separate cover. Results are detailed in the Interim Groundwater Investigation Report, PWGC, March 2004, submitted under separate cover.

1.2.3 October 2004 – Groundwater / Soil Gas Investigation

Based on the results of the October 2003 vertical profile groundwater investigation results, one additional temporary groundwater vertical profile well and three permanent groundwater monitoring wells were installed at the site. In addition, four soil gas points were installed as a result of a request by the NYSDEC to address concerns regarding soil vapor intrusion.

Typically, the greatest concentrations of VOCs detected in the groundwater across the site were

found at the water table. To further delineate the groundwater contamination at this location, and to confirm the results from the Interim Groundwater performed in October 2003-January 2004, an additional temporary vertical profile was installed and sampled in accordance with the protocol established in the Interim Groundwater Investigation Report, PWGC, March 2004, submitted under separate cover.

Samples were delivered to Environmental Testing Laboratories (ETL), Farmingdale, New York (NYSDOH ID #10969) for analysis of volatile organic compounds (VOCs) - Target Compound List (TCL) by USEPA Method 8260.

Three permanent monitoring wells were constructed on December 28, 2004, to monitor the contamination detected in the groundwater beneath the site. Following installation and development, sampling of the new and existing wells was performed. Groundwater sampling was performed on January 19, 2005. VOCs were detected above the NYSDEC Groundwater Standards in each of the samples collected, with the exception of MW-6, which is located down-gradient of the site, across Shore Road.

To address the NYSDEC's concerns regarding soil vapor intrusion into the adjacent buildings, PWGC conducted soil gas sampling at the following locations:

- SG-1 - 10 feet from the former Nameplate building;
- SG-2 - 10 feet from the former Penetrex building and to the north of GW-7;
- SG-3 - conducted at the property boundary between GW-7 and the residence to the south;
- SG-4 - 10 feet from the residence.

Soil gas sampling points were installed on December 20, 2004 in accordance with procedures described in the Revised Addendum to the March 2004 Interim Groundwater Investigation Report prepared by PWGC and approved by the NYSDEC.

Analytical results were compared to the USEPA Target Shallow Soil Gas Concentrations as specified in the USEPA's Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils. Results are detailed in the Groundwater / Soil Gas Investigation Report, PWGC, April 2005, submitted under separate cover.

1.2.4 August 2005 - Sub-Slab Vapor and Indoor Air Investigation

In August 2005, a Sub-Slab Vapor and Indoor Air Sampling Investigation was conducted at the request of the NYSDEC to address concerns regarding soil vapor intrusion into the on-site buildings.

PWGC conducted sub-slab vapor, indoor air, and outdoor air sampling at the following locations:

- SS-1 (Sub-Slab-1) and IA-1 (Indoor Air-1) - the office of Landing Wholesale;
- SS-2 and IA-2 - the warehouse of Landing Wholesale;
- SS-3 and IA-3 - Sunnyside-Up Parties;
- SS-4 and IA-4 - Parabit Manufacturing;
- SS-5 and IA-5 - the basement of the on-site residence;
- IA-6 - the church/religious organization located upstairs from Sunnyside-Up Parties;
- OA-1 (Outdoor Air-1) - 15 feet to the southwest of the industrial building;
- OA-2 - 20 feet to the southwest of the residence.

Sub-slab vapor sampling points were installed on August 25, 2005, in accordance with procedures described in the Revised Sub-Slab Vapor and Indoor Air Sampling Plan, June 2005, prepared by PWGC and approved by the NYSDEC.

Sub-slab vapor and indoor air sampling was conducted by PWGC on August 26, 2005, the day after sub-slab sampling point installation, under the supervision of a NYSDEC representative. Samples were collected directly into six liter, laboratory supplied Summa® canisters attached to

a sampling tube. Indoor air samples were collected to characterize exposures to air within the on-site buildings.

Analytical results indicated elevated concentrations of VOCs in the sub-slab vapor samples, but very low concentrations in the indoor air samples. Based on the results of the investigation, PWGC recommended that sub-slab depressurization systems be installed in both on-site buildings to mitigate the existence of sub-slab VOCs. Results are detailed in the Sub-Slab Vapor and Indoor Air Investigation Report, PWGC, November 2005, submitted under separate cover.

2.0 SUBSURFACE INVESTIGATION - 2006

In 2006, PWGC conducted a subsurface investigation at the site which included a geophysical investigation, a test pit investigation, a soil boring program, groundwater sampling, and soil gas sampling. A site plan which includes locations of the site's UIC structures and the investigation's soil boring, groundwater vertical profile, and soil gas locations is included as **Figure 2**.

2.1 Groundwater Flow and Tide Evaluation

On June 23, 2006, PWGC measured groundwater elevations in the site's monitoring wells to confirm the direction of groundwater flow derived from previous investigations, and to determine if nearby Hempstead Harbor imposes a tidal influence on the site's groundwater. A PWGC hydrogeologist conducted hourly depth to water measurements in each of the site's seven associated monitoring wells for a period of nine hours. As expected, the direction of flow was toward the west northwest, toward Hempstead Harbor.

During the nine-hour measuring period, the groundwater elevation in monitoring well MW-2 rose approximately 0.80 feet and lowered 0.60 feet. Similarly, the groundwater elevation in MW-6 rose 0.85 feet and lowered 0.60 feet at the same time and rate. These fluctuations coincide with the tides in that area of Long Island Sound for that time period. There was also a 0.08 foot groundwater fluctuation in MW-4. Elevation changes in the other four wells were limited to changes of 0.02 feet or less.

Monitoring wells MW-2 and MW-6 are the wells located furthest down-gradient and closest to Hempstead Harbor. It can be concluded from the measurements that tidal influence exists in the western portion of the site, but is unnoticeable in the eastern portion. Results of the groundwater flow and tide evaluation were included in a letter prepared by PWGC, August 2006 and submitted to the NYSDEC (A copy of this report is included as **Appendix B**.)

2.2 Geophysical Investigation

PWGC conducted a geophysical investigation at the site on June 23, 2006 as part of a subsurface investigation deemed appropriate by the New York State Department of Environmental Conservation (NYSDEC). The investigation included the use of a metal detector and ground penetrating radar (GPR) by NAEVA Geophysics, Inc. to locate subsurface structures in the parking area of the site. The main objective of the investigation was to trace the sanitary conduit from the building to sanitary leaching pool DW-5 to verify that no additional sanitary system structures exist which could be acting as residual sources of tetrachloroethene (PCE) contamination. During the investigation, several “metal detector anomalies” were detected utilizing a TW-6 Pipe and Cable Locator. GPR was used to confirm the locations of these anomalies. Preliminary results of the geophysical investigation are documented in a PWGC letter to the NYSDEC dated August 1, 2006, included as **Appendix B**.

Based on the findings of the geophysical investigation, PWGC recommended the excavation of the metal detector anomalies large enough to be leaching structures and/or underground storage tanks.

2.3 Test Pit Investigation

On August 24, 2006, excavation of four metal detector anomalies was performed at the site to identify them. In addition, sanitary leaching structure DW-5 was exposed to facilitate its sampling. Excavation activities were coordinated and overseen by PWGC. Excavation services were provided by Eastern Environmental Solutions, Inc. A representative from the NYSDEC was present to witness the activities.

Leaching structure DW-5 was full of sanitary waste. Sampling adjacent to DW-5 would occur on August 30, 2006 as part of the soil boring program at the site, described in section 3.3 of this report.

Metal Detector Anomaly “10” (MDA-10) was found to be miscellaneous metal construction debris (sheet metal, wire, metal scraps). The debris was located directly below the asphalt pavement. Soil from the test pit was screened for VOCs with a photoionization detector (PID) by a PWGC hydrogeologist. Based on PID response, a soil sample was collected from approximately four feet below grade surface and submitted to the laboratory for analysis of VOCs by EPA method 8260.

Three of the anomalies uncovered were previously-undetected leaching structures. Upon discovery, these leaching structures were labeled DW-8, DW-9, and DW-10. Leaching structure locations are indicated on **Figure 2**.

The concrete cover of leaching structure DW-8 was uncovered approximately 1.5 feet below grade surface. It was constructed of eight-foot diameter pre-cast concrete leaching rings. A four-inch diameter pipe entered the structure from the direction of DW-2, which had been abandoned. The depth to the bottom sediment was measured at 11 feet below grade surface. There was approximately four inches of water, believed to be groundwater, as this corresponds to groundwater measurements in nearby monitoring wells.

The steel cover of DW-9 was uncovered approximately five inches below grade surface. DW-9 had been abandoned and was full of sand to a depth of five feet below grade. There was no visible piping.

The concrete cover of leaching structure DW-10 was uncovered approximately 2 feet below grade surface. DW-10 was constructed of eight-foot diameter pre-cast concrete leaching rings. As with DW-8, a four-inch diameter pipe entered the structure from the direction of the abandoned DW-2. The depth to the bottom sediment was measured at 13 feet below grade surface. There was approximately two feet of water in DW-10 corresponding to the site’s depth of groundwater.

Sediment samples were collected from the floors of structures DW-8 and DW-10 utilizing a stainless steel hand auger, following NCDH “Cleanup Guidelines for Remediation of Drywells and Individual Septic Systems.” The samples were placed in pre-cleaned laboratory supplied glassware and placed in a cooler packed with ice for transport to American Analytical Laboratories in Farmingdale, New York, an ELAP-certified laboratory.

The NCDH was notified of the discovery of the three UIC structures and that the structures would be added to the inventory of injection wells for the site.

The sampling of DW-9 occurred on August 30, 2006 as part of the NYSDEC soil boring investigation at the site. A Geoprobe® was used to sample through the center of the leaching structure. Soils were collected continuously from the surface of the fill material to a depth of 20 feet below grade surface. Soils were characterized by a PWGC field hydrogeologist. The interface between the original bottom sand of the structure and the fill material added during the structure’s previous abandonment was apparent due to the distinct difference in the color and grain size of the sands above and below. This interface was determined to be 13 feet below grade surface. The soil collected directly below the interface was collected in pre-cleaned laboratory supplied glassware and placed in a cooler packed with ice for transport to American Analytical Laboratories. The sample was labeled SB-8, 13’–15’ as it was collected from the eighth soil boring of the subsurface investigation.

Samples were submitted to the laboratory for analysis of VOCs by EPA method 8260, SVOCs by EPA method 8270, and the eight RCRA Metals in accordance with the NCDH procedures and protocols.

2.3.1 Test Pit Analytical Results

Analytical results were compared to Recommended Soil Cleanup Objectives (RSCOs) specified in the NYSDEC Technical and Administrative Guidance Memo (TAGM) #4046, to determine if remediation of the UIC structures is warranted, and if VOC-impacted material existed at MDA-10. The TAGM was specifically designed to address soil clean-up goals at inactive hazardous

waste sites. VOC analytical data for samples DW-8, DW-9, DW-10, and MDA-10 is shown on **Table 1**. Laboratory data sheets are included in **Appendix C**. Complete results of the sampling of DW-8, DW-9, and DW-10 are detailed in the UIC Closure Work Plan, PWGC, October 2006, submitted under separate cover. Analytical data shows concentrations of cis-1,2-dichloroethene (cis-1,2-DCE), tetrachloroethene (PCE), and trichloroethene (TCE) below RSCOs in DW-8 and DW-10. A low concentration of toluene was detected in DW-9. There were no other VOCs detected in the leaching pool samples. These low concentrations appear to be the result of the limited migration of dissolved VOCs from the area of leaching structures DW-1 and DW-5, rather than the result of direct discharge from former storm drain DW-2, as the bottom of these structures coincide with the water table. The low concentrations confirm that DW-8, DW-9, and DW-10 are not sources of contamination. PWGC does not believe that remediation of these structures is warranted.

Concentrations of cis-1,2-DCE, PCE, trans-1,2-dichloroethene, and TCE were detected in soil sample MDA-10. The concentration of cis-1,2-DCE exceeded its recommended soil cleanup objective. These concentrations are relatively low compared to concentrations from soil samples collected in the vicinity of leaching structure DW-1. Although elevated VOC concentrations at MDA-10 do not indicate a major release of contaminants to that area, the concentrations may be due to a minor leak in the sanitary line which discharges to sanitary leaching pool DW-5, or from incidental contamination associated with the debris uncovered at location MDA-10. Additional soil boring results detailed below do not indicate that the sanitary line has leaked.

2.4 Soil Borings

A series of eight soil borings were performed in the parking area of the site in August 2006. The locations of the borings are shown on **Figure 2**. The location and rationale of each soil boring is shown on the following table:

Sample ID	Location
SB-1	Near residence to document VOC migration toward house and because of elevated results from original soil gas investigation in that area
SB-2	Near residence to document VOC migration toward house and because of elevated results from original soil gas investigation in that area
SB-3	Adjacent to sanitary waste line to document possible sources along the line
SB-4	Adjacent to sanitary waste line to document possible sources along the line
SB-5	Adjacent to sanitary waste line to document possible sources along the line
SB-6	Former vertical profile location where elevated VOC concentrations were detected
SB-7	Down-gradient and adjacent to DW-5 (a potential source of contamination)
SB-8	Through DW-9; Added to soil boring program after Test Pit Investigation to document concentrations of VOCs, SVOCs, and metals to facilitate UIC closure and to document migration of VOCs down-gradient

Soil borings were advanced using a track-mounted Geoprobe® provided by Associated Environmental, Inc. Samples were collected using a Macro-Core® lined with a disposable acetate sleeve. Geoprobe® standard operating procedures were utilized for both Geoprobe® operation and soil sampling. Samples were visually classified and analyzed by a PWGC hydrogeologist for VOCs using a PID.

Borings were advanced to a depth of approximately ten feet below the water table following the procedures described in the subsurface investigation work plan. Due to the substantial slope of the site, groundwater was encountered at various depths. The groundwater depth was between 15 and 20 feet bgs at the borings in the upper (eastern) portion of the parking area (SB-1 through SB-7) and only ten feet bgs at location SB-8 in the lower (western) portion of the parking area. Soil samples were collected continuously to the bottom of each boring.

No visual or olfactory evidence of contamination was observed in the soil samples except for a slight septic odor in SB-8, the boring advanced through abandoned leaching pool DW-9, between 10 and 17.5 feet bgs. The water table was encountered at 9 feet bgs, but the former bottom of the leaching pool was identified at 13 feet bgs.

PID readings were observed above background levels in samples SB-1 between 22.5 to 25 feet, SB-2 at 20 to 25 feet, SB-5 at 12.5 to 17.5 feet, and SB-7 at 15 to 20 feet. These intervals are in the area of typical water table fluctuations (smear zone). The deepest sample interval from each boring location was submitted for laboratory analysis. In addition to the deepest interval, the interval with the highest PID reading was also submitted for analysis. In borings where there were no PID readings obtained above background levels, a sample was submitted from the unsaturated zone, directly above the water table. Overall, the highest levels and most consistent PID response were observed in SB-1 from near grade to ten feet below the water table. At SB-1, the deepest sample (27.5'–30' bgs) and the sample from the water table (22.5'–25' bgs) were submitted for analysis. PWGC added a third sample from this boring, given the consistent PID response. The third sample was submitted from a depth of 12.5 – 15' bgs to verify if contaminated soil truly existed within the unsaturated zone in the area of SB-1, or if impact is limited to the smear zone of the water table. The PID response from this interval was slightly elevated. Complete boring logs with PID responses are included in **Appendix D**.

Overall, a total of 17 soil samples were submitted to American Analytical Laboratories, a New York State Department of Health ELAP-certified laboratory and analyzed for VOCs by EPA Method 8260 to locate and quantify concentrations of compounds associated with chlorinated solvents.

2.4.1 Soil Boring Analytical Results

Soil boring analytical results were compared to the NYSDEC's RSCOs. Soil sample analytical results are summarized on **Table 2** and Laboratory Data is included in **Appendix C**. VOCs were detected in 10 of the 17 samples. PCE and cis-1,2-DCE were detected at concentrations exceeding RSCOs. The greatest concentrations of PCE were detected in samples SB-1, SB-2, and SB-6 at the depths corresponding to the water table interface and smear zone. In the deeper sample collected from SB-1 (27.5'–30'), PCE was detected at a concentration slightly above the method detection limit (9.5 µg/kg) but well below its respective RSCO. Concentrations of PCE

at the deepest depths in SB-2 and SB-6 were below detectable concentrations. Furthermore, the concentration of PCE in the shallowest sample in SB-1 (12.5'-15' bgs), collected 10 feet above the water table, was 15 µg/kg, well below its RSCO.

Concentrations of cis-1,2-DCE were detected slightly above RSCOs in the soil samples corresponding to the water table at locations SB-7 and SB-8. Borings SB-7 and SB-8 are generally located down-gradient from the potential source area. Cis-1,2-DCE is one of the breakdown products of PCE. The elevated levels of this compound, as opposed to PCE and TCE at these locations, likely indicates that some breakdown of the parent compound is occurring and that dissolved concentrations of cis-1,2-DCE have migrated from the area of DW-1 and DW-5 in the direction of groundwater flow, effecting soil quality at locations SB-7 and SB-8.

Soil samples collected from borings SB-3, SB-4, and SB-5, conducted around the discharge pipe connecting DW-5 to the building, confirm that the leaks from the discharge line (if they occurred) have not impacted the surrounding soils. PID readings were relatively minor at these boring locations. PCE and related compounds were below detectable levels in SB-3 and SB-4, while PCE was detected at a concentration of 140 µg/kg at the water table interface in SB-5.

Overall, the results show that PCE-impacted soil exists at the smear zone in the vicinity of leaching structures DW-1 and DW-5. There is evidence that some reductive dechlorination is occurring as breakdown products of PCE are also found in this area. In addition, breakdown compounds such as cis-1,2-DCE, are found in greater concentrations immediately down-gradient from this area. It is likely that this residual source area resulted from former discharges to DW-1 and DW-5. Both structures have been cleaned out in the past, but the limited impact that reached the water table from these two structures, remains in the area. It appears that this impact is contributing to impact noted in the groundwater and the elevated VOCs in the soil gas detected beneath the residence to the south. Reductive dechlorination can be encouraged with the existence of petroleum-related compounds. Minor concentrations of compounds such as toluene, 1,2,4-trimethylbenzene, and 1,2,4,5-tetramethylbenzene were detected in various soil samples. Increased activity of naturally occurring bacteria, which consume the petroleum-related

compounds, may have resulted in anaerobic conditions as increasing bacterial populations consumed available oxygen in the subsurface.

2.4.2 Soil Sampling QA/QC

In addition to the soil samples, QA/QC samples were collected and analyzed for VOCs by EPA Method 8260. One trip blank and one field blank were collected each day during the sampling program and submitted to the laboratory for analysis.

Field blanks were prepared with laboratory-supplied deionized water. The water was poured through an acetate liner, transferred into laboratory-prepared glassware, and analyzed for VOCs. Field blanks were analyzed for VOCs to document the sterility of the sampling equipment. A laboratory-prepared trip blank accompanied the sample containers from the time of shipment to the laboratory until analysis. Trip blank samples were also analyzed for VOCs. Laboratory QA/QC summaries are included in **Appendix C**.

2.4.3 Soil Data Usability

PWGC reviewed the Laboratory QC Summary Package for the sample batch in which the project samples are included so that an appropriate data usability summary could be prepared.

This usability section pertains to the analytical results, submitted by American Analytical Laboratories, for the soil sampling conducted by PWGC at the former Penetrex Processing, Inc. site. The analytical results submitted were reviewed and the analytical results assessed against the project data quality objectives in the preparation of this report. There were no problems with the analyses and data for associated QC met laboratory specifications. Overall, the data submitted by American Analytical Laboratories met the project data quality objectives and are usable to determine the presence, absence, and magnitude of environmental contamination in the samples collected from the site. The Laboratory QC Package is included as **Appendix C**.

A total of 20 soil samples and 6 liquid samples (3 field blanks and 3 trip blanks) were collected and analyzed for VOCs by EPA Method 8260. All of the analyses were conducted in accordance with the most recent version of the SW-846 methodologies. Methylene chloride was detected in laboratory blanks at similar concentrations as those detected in samples collected from the site. Therefore, the detection of methylene chloride appears to be a result of laboratory interference.

2.5 Groundwater Sampling

As per the request of the NYSDEC and in accordance with the approved work plan, four groundwater vertical profiles were performed at the site in September 2006. In addition to the vertical profiles, the seven monitoring wells associated with the site were sampled. Groundwater sampling was performed to evaluate groundwater quality throughout the site to determine if VOC contaminants had migrated, and if they had naturally degraded. Vertical profile and monitoring well locations are shown on **Figure 2**.

2.5.1 Temporary Groundwater Vertical Profile Well Installation and Sampling

To further delineate the groundwater contamination at this location, four vertical profiles were performed in the parking area of the site in September 2006 in accordance with the protocol established in the Interim Groundwater Investigation Report, PWGC, March 2004. Vertical profile sampling locations are described in the following table:

Profile	Location
GW-1	Near residence to document VOC migration toward house and because of elevated results from original soil gas investigation in that area
GW-2	Near residence to document VOC migration toward house and because of elevated results from original soil gas investigation in that area
GW-3	Down-gradient of DW-5 to document VOC migration down-gradient from source drywell
GW-4	Down-gradient of sanitary waste line to document possible sources along the line and down-gradient of MW-7, where elevated VOC concentrations were detected in a previous groundwater investigation

At each of the four locations, groundwater samples were collected at 15-foot intervals from the water table to a depth 30 feet below the water table. Four-inch diameter steel augers were driven vertically with a drill rig. Two-inch diameter piping with a five-foot long screen was inserted through the augers to the deepest sampling depth. The augers were removed, leaving the temporary well in place.

Sample collection was performed as per the USEPA, Region II “Groundwater Sampling Procedure for Low Stress (Low Flow) Purging and Sampling,” March 1998. Low stress sampling minimizes stress on the geological formation and minimizes disturbance of sediment. The benefits of this method are that it produces samples with low turbidity and reduces the volume of groundwater produced, lowering the costs of disposal.

A Grundfos® variable-speed, submersible pump connected to disposable tubing was installed in the temporary well to the sampling depth. A flow rate of 500 mL/min or less was maintained during purging and sampling. Temperature, pH, turbidity, specific conductivity, dissolved oxygen, and oxygen/reduction potential were monitored and recorded. Once these parameters stabilized, the sample was collected.

Once the deepest sample was collected, the pump was removed from the well and decontaminated in an Alconox® wash and a tap water rinse. The associated tubing was discarded. The temporary well was raised so that the screen was set 15 feet above the previous depth. The decontaminated pump was reinserted into the well with new tubing. This procedure was repeated for each sampling interval at each temporary well. Purge water was contained in a 55-gallon drum for proper disposal.

Groundwater recharge at sampling location GW-4 was very slow. A constant flow could not be maintained. At each sampling interval of GW-4, the temporary well was purged until it was dry. The pump was turned off and the well was allowed to recharge. The pump was turned on and a sample was collected. Upon removal of the well, clay was noticed clogging the well screen. Clay was not encountered at the other vertical profile locations. Flow was maintained at these locations.

Groundwater samples were collected in laboratory-supplied glassware and placed in a cooler containing ice for transport. Groundwater sampling sheets are included as **Appendix E**.

Non-disposable sampling equipment was cleaned using an Alconox® detergent wash and a potable water rinse prior to the collection of each sample. The samples were placed in pre-cleaned laboratory supplied glassware and stored in a cooler packed with ice for transport to the laboratory. Samples were delivered to American Analytical Laboratories, Farmingdale, New York for analysis of volatile organic compounds (VOCs) by USEPA Method 8260.

2.5.2 Monitoring Well Sampling

Groundwater samples were collected from each of the monitoring wells associated with the site, following the USEPA, Region II “Groundwater Sampling Procedure for Low Stress (Low Flow) Purging and Sampling,” March 1998.

Prior to sampling, groundwater elevations were measured in each of the monitoring wells. Groundwater elevations are shown on **Table 3**. Groundwater elevation measurements were used to calculate groundwater contours and flow direction. As shown in **Figure 3**, groundwater flow is toward the west (toward Hempstead Harbor), which is consistent with previous flow evaluations.

Once depth to water and depth to bottom measurements were collected, the wells were purged and sampled. A Grundfos® variable-speed, submersible pump connected to disposable tubing was inserted into the monitoring well, approximately two feet above the bottom of the well. A flow rate of 500 mL/min or less was maintained during purging and sampling. Temperature, pH, turbidity, specific conductivity, dissolved oxygen, and oxygen/reduction potential were monitored and recorded. Once these parameters stabilized, the sample was collected. Groundwater samples were collected in laboratory-supplied glassware and placed in a cooler containing ice for transport. Samples were delivered to American Analytical Laboratories, Farmingdale, New York for analysis of volatile organic compounds (VOCs) by USEPA Method

8260. Groundwater sampling sheets are included as **Appendix E**.

Monitoring well MW-6 was purged and sampled using a disposable bailer. MW-6 is located on the opposite side of Shore Road from the site, behind a guard rail. Since the generator needed to operate the submersible pump was too heavy to manually transport to that location, low-stress sampling could not occur without blocking a lane on a curved portion of Shore Road, thereby creating a hazardous traffic condition. The bailer was inserted and removed slowly from the well in an attempt to recreate low stress sampling procedures.

2.5.3 Groundwater Analytical Results

Analytical results for vertical profile and monitoring well sampling were compared to the NYSDEC Class GA Groundwater Standards as specified in the NYSDEC's (TOGS) 1.1.1, June 1998. The results of the groundwater samples collected from the vertical profiles (GW-1 through GW-4) are included on **Table 4** and complete laboratory data packages are contained in **Appendix C**. As shown, VOCs were predominantly detected in the samples collected from vertical profiles GW-1 and GW-2. Contamination at these two locations primarily consists of PCE and its breakdown products, TCE, cis-1,2-DCE, and vinyl chloride as expected. Of note is the concentration of toluene at these locations which supports that reductive dechlorination can occur at this site. The greatest concentrations were noted at the water table interval. A significant drop off in contaminant concentrations was noted in the next sampling interval (15 feet below the water table) in GW-2. The decrease was less pronounced in GW-1. Overall, the lowest concentrations were detected in the deepest sample interval from these two locations. Since soil contamination was not detected below the smear zone and portions of the site are tidally influenced, the deeper contamination may be related to the collection of samples through the source area at these locations.

As shown on **Table 4**, only relatively low levels of PCE were detected at the water table at the GW-3 and GW-4 (25 µg/L and 6.7 µg/L, respectively) vertical profile sample locations. GW-3 was located approximately 35 feet down-gradient from GW-1, where VOC impacted material was noted. This indicates that groundwater impact migration from the source area has been

limited. Again, cis-1,2-DCE was also detected at the down-gradient location (GW-3), indicating the breakdown of PCE. There were no other concentrations of VOCs detected in GW-3 and GW-4 except methylene chloride, which was detected in the trip blank associated with these samples, suggesting that methylene chloride in these samples was most likely a result of laboratory interference.

The results of the groundwater vertical profile sampling coincide with the results of the soil boring program. Groundwater vertical profiles GW-1 and GW-2 correspond to the locations of soil borings SB-1 and SB-2, respectively. Therefore, the groundwater vertical profiles were performed through the smear zone believed to be acting as a residual source of contamination, located in the vicinity of DW-1 and DW-5. Again, the groundwater vertical profile results support that contaminant migration had been limited from this area, and explains the elevated soil gas readings in the vicinity of the residence, due to its proximity.

As previously described, the groundwater investigation also included a round of groundwater sampling from the monitoring wells. The results of the monitoring well sampling is shown on **Table 5** and complete laboratory data packages are contained in **Appendix C**.

As shown on **Table 5**, the greatest PCE concentrations were detected in monitoring wells MW-1 and MW-5 (120 µg/L and 530 µg/L, respectively). These wells are located closest to the area where the residual impact within the smear zone has been documented. Of note, PCE was not detected in monitoring wells MW-2, MW-3, MW-4, MW-5, and MW-6 during this latest sampling round. These wells essentially form a fence line down-gradient from the residual source area.

Groundwater total VOC contour lines at the water table are shown in **Figure 3**. **Figure 3** illustrates that the most impacted area of the site, based on the vertical profile water table data and monitoring well data, is centered around DW-1.

Also shown on **Table 5** are the historical groundwater results collected from the monitoring wells by PWGC. As shown, PCE concentrations have remained fairly consistent in wells MW-1

and MW-7 located near the residual source area. Overall, the concentrations in the down-gradient wells have declined, indicating that the groundwater contaminant migration from the source area has been limited. PWGC believes that the relatively stagnant nature of the groundwater impact reflects the tidally influenced groundwater along the western portion of the site. In addition, the historical results document the existence of both PCE breakdown products and petroleum related compounds which support reductive dechlorination of PCE.

Toluene, which was detected at elevated concentrations in MW-3 in past sampling rounds, was not detected during this sampling event. The elevated concentrations of toluene in MW-3 appear to be a result of a broken well cap (which has since been repaired) and parking lot runoff.

2.5.4 Groundwater Sampling QA/QC

In addition to the vertical profile and monitoring well groundwater samples, QA/QC samples were collected and analyzed for VOCs by EPA Method 8260. One trip blank and one field blank was collected each day and submitted to the laboratory for analysis.

The field blank was prepared with laboratory-supplied deionized water. The water was poured through a new piece of polyethylene tubing or disposable bailer, transferred into laboratory-prepared bottles and analyzed for VOCs. Field blanks were analyzed for VOCs to document the sterility of the sampling equipment. Laboratory-prepared trip blanks accompanied the sample containers, from the time of shipment to the laboratory, until analysis. Trip blank samples were also analyzed for VOCs. Laboratory QA/QC summaries are included in **Appendix C**.

2.5.5 Groundwater Data Usability

PWGC reviewed the Laboratory QC Summary Package for the sample batch in which the project samples are included, so that an appropriate data usability summary could be prepared.

This usability section pertains to the analytical results, submitted by American Analytical Laboratories, for the groundwater sampling conducted by PWGC at the former Penetrex

Processing, Inc. site. The analytical results were reviewed and the analytical results assessed against the project data quality objectives in the preparation of this report. There were no problems with the analyses and data for associated QC met laboratory specifications. Overall, the data submitted by American Analytical Laboratories met the project data quality objectives and are usable to determine the presence, absence, and magnitude of environmental contamination in the samples collected from the site. The Laboratory QC Package is included as **Appendix C**.

A total of 19 groundwater samples, 3 field blanks, and 3 trip blanks were collected and analyzed for VOCs by EPA Method 8260. All of the analyses were conducted in accordance with the most recent version of the SW-846 methodologies. Methylene chloride was detected in laboratory blanks at similar concentrations as those detected in samples collected from the site. The detection of methylene chloride appears to be a result of laboratory interference.

2.6 Soil Gas Investigation

To address the NYSDEC's request to perform a soil gas intrusion investigation for the small residence to the south of the site (letter dated December 22, 2005), PWGC conducted soil gas sampling at two locations along the site boundary adjacent the house. Soil gas sampling locations SG-1 and SG-2 are shown on **Figure 2**.

2.6.1 Soil Gas Sampling

Soil gas sampling points were installed on August 31, 2006 in accordance with procedures described in a letter prepared by PWGC and submitted to the NYSDEC on February 9, 2006, and approved by the NYSDEC in a letter dated March 29, 2006. At each location, a Geoprobe® unit was used to drive the probe rods to a depth of approximately four feet below grade surface where the drive point was knocked out. A one-foot stainless steel screen fitted to the tubing riser was lowered through the rods. The Geoprobe® rods were then removed and a bentonite seal was installed around the tubing to prevent the short circuiting of air.

Prior to sampling, each soil gas point was purged to evacuate between one and two probe volumes to ensure the collection of a representative sample. Purging was completed using a hand-held SKC sampling pump calibrated at 0.2 liters/minute. Following purging, soil gas samples were collected directly into six-liter, laboratory-supplied Summa® canisters attached to the risers using ¼ inch disposable tubing. The samples were collected using one-hour flow regulators at a rate of between 0.1 and 0.2 liters/minute. Proper QA/QC protocol was followed during the collection of soil gas samples to ensure that cross-contamination in the field did not occur.

Samples were delivered to EcoTest Laboratories in North Babylon, New York for analysis of volatile organic compounds (VOCs) by USEPA Method TO-15. Canister sampling data sheets are included as **Appendix F**.

2.6.2 Soil Gas Analytical Results

Analytical results were compared to the USEPA Target Shallow Soil Gas Concentrations as specified in the USEPA's "Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils." TCE was detected at concentrations exceeding target soil gas concentrations in both samples SG-1 and SG-2. Chloroform and PCE were also detected at concentrations exceeding target soil gas concentrations in sample SG-1. Several other VOCs were detected in the soil gas samples, but at concentrations below the USEPA Target Shallow Soil Gas Concentrations. Soil gas analytical data is summarized on **Table 6**, and laboratory data sheets are contained in **Appendix C**.

Overall, the soil gas analytical results obtained from SG-1 and SG-2 are considerably lower than the concentrations detected during the initial soil gas sampling performed in December 2004. These soil gas points were performed within the residual source area out toward the commercial building and the multi-story residence. The lesser concentrations likely reflect the distance from the source area.

2.6.3 Soil Gas Data Usability

PWGC reviewed the Laboratory QC Summary Package for the sample batch in which the project samples are included, so that an appropriate data usability summary could be prepared.

This usability section pertains to the analytical results submitted by EcoTest Laboratories for the soil gas sampling conducted by PWGC at the former Penetrex Processing, Inc. site. The analytical results were reviewed and the analytical results assessed against the project data quality objectives in the preparation of this report. Overall, the data submitted by EcoTest Laboratories met the project data quality objectives and are usable to determine the presence, absence, and magnitude of environmental contamination in the samples collected from the site. A total of two soil gas samples were collected and analyzed for VOCs by EPA Method TO-15. The laboratory QC package is included as **Appendix C**.

3.0 CONCLUSIONS AND RECOMMENDATIONS

Results of the soil sampling performed indicate that a residual source area exists within the smear zone in the vicinity of sanitary leaching structure DW-5 and storm drain leaching structure DW-1. Soil samples collected above and below the smear zone confirm that the impact is limited to the smear zone caused by fluctuating water table levels.

Vertical profile groundwater sampling results coincide well with the observations obtained during the soil boring program. Again, the greatest concentrations were detected in the vicinity of DW-5 and DW-1 at their corresponding soil boring locations. Although VOC concentrations above standards were observed fifteen feet below the water table, concentrations were greatly reduced at this depth. Additionally, contaminant concentrations were the lowest in the deepest sample intervals. Since soil contamination was not detected below the smear zone and portions of the site are tidally influenced, the deeper contamination may be related to the collection of groundwater samples through the source area at these locations.

PWGC believes that the residual source area is likely due to former discharges of PCE to DW-1 and DW-5. Past remediation of these structures has removed the bulk of the contamination. Contamination below the structures which has reached the water table appears to have spread at the water table in the immediate vicinity of these two structures.

The results of the monitoring well groundwater samples confirm that the groundwater impact is fairly limited in extent as significant down-gradient migration has not occurred. There is evidence in both the soil and groundwater data that the conditions which support reductive dechlorination exist. PWGC has attributed the lack of migration of the groundwater impact to the tidal influence of groundwater documented at the site. Significant changes in groundwater elevation were observed along the western boundary of the site in response to the tidal cycle.

Three UIC structures were detected during the geophysical investigation. Sampling results of these structures indicate relatively low concentrations of VOCs. A UIC Closure Work Plan,

prepared by PWGC in October 2006, has been submitted to the NCDH. In that Work Plan, PWGC recommends abandonment of these structures.

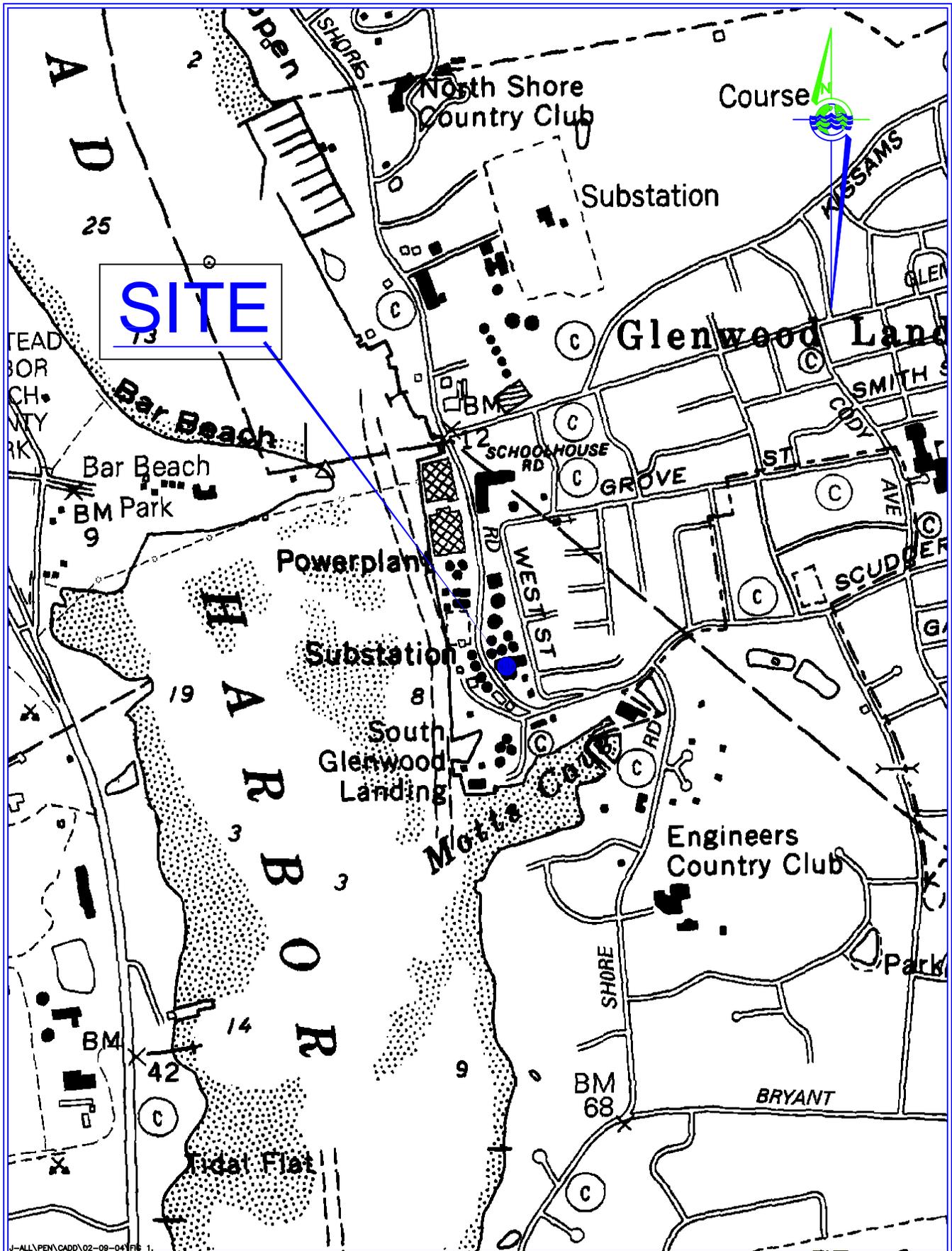
Soil gas sampling results show that chlorinated VOC vapors have migrated toward the southwest portion of the site. The source of these vapors is most likely the soil and groundwater contamination located in the area of DW-1 and DW-5. The concentration detected in the two soil gas points are substantially lower than the initial soil gas results obtained from the residual source area out towards the commercial building and multi-story residence.

Results of the sub-slab vapor sampling previously performed at the commercial and multi-story residential buildings at the site show that VOC vapors exist directly below the slabs of both structures. To mitigate the existence of VOC vapors, sub-slab depressurization systems will be installed in both structures. The systems are designed to actively draw out vapors, venting above the roofs of the structures.

PWGC believes that with the data obtained from this latest subsurface investigation, the soil and groundwater impacts at the site have been adequately delineated both horizontally and vertically. Therefore, PWGC believes that the remedial investigation should be deemed complete.

In order to address the residual source area documented at the site, PWGC recommends that an interim remedial measure (IRM) be implemented to expedite neutralization of residual source material adversely impacting groundwater and to eliminate subsurface VOC vapors at the site. Based on its limited nature, it appears that a chemical oxidation injection program is appropriate for the site. PWGC will begin preparation of an IRM work plan for NYSDEC review. It is expected that with the implementation of the IRM, VOC impact in soil and groundwater will be addressed and the soil gas concentrations throughout the site will dissipate.

FIGURES



U:\ALL\PEN\CADD\02-09-04\FIG 1

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Site Location Map

Project:	PEN0001	Figure No:	1
Designed by:	JPR		
Drawn by:	JPR		
Checked by:	KF	Date:	02/09/04



LEGEND

- MONITORING WELL
- DRY WELL / LEACHING STRUCTURE
- GROUNDWATER PROFILE LOCATION
- SOIL BORING LOCATION
- SOIL GAS LOCATION
- TEST PIT LOCATION
- LEACHING STRUCTURE SAMPLE



**PROPOSED SOIL BORING LOCATIONS
FORMER PENETREX PROCESSING NYSDEC
I.D. No. 130034**

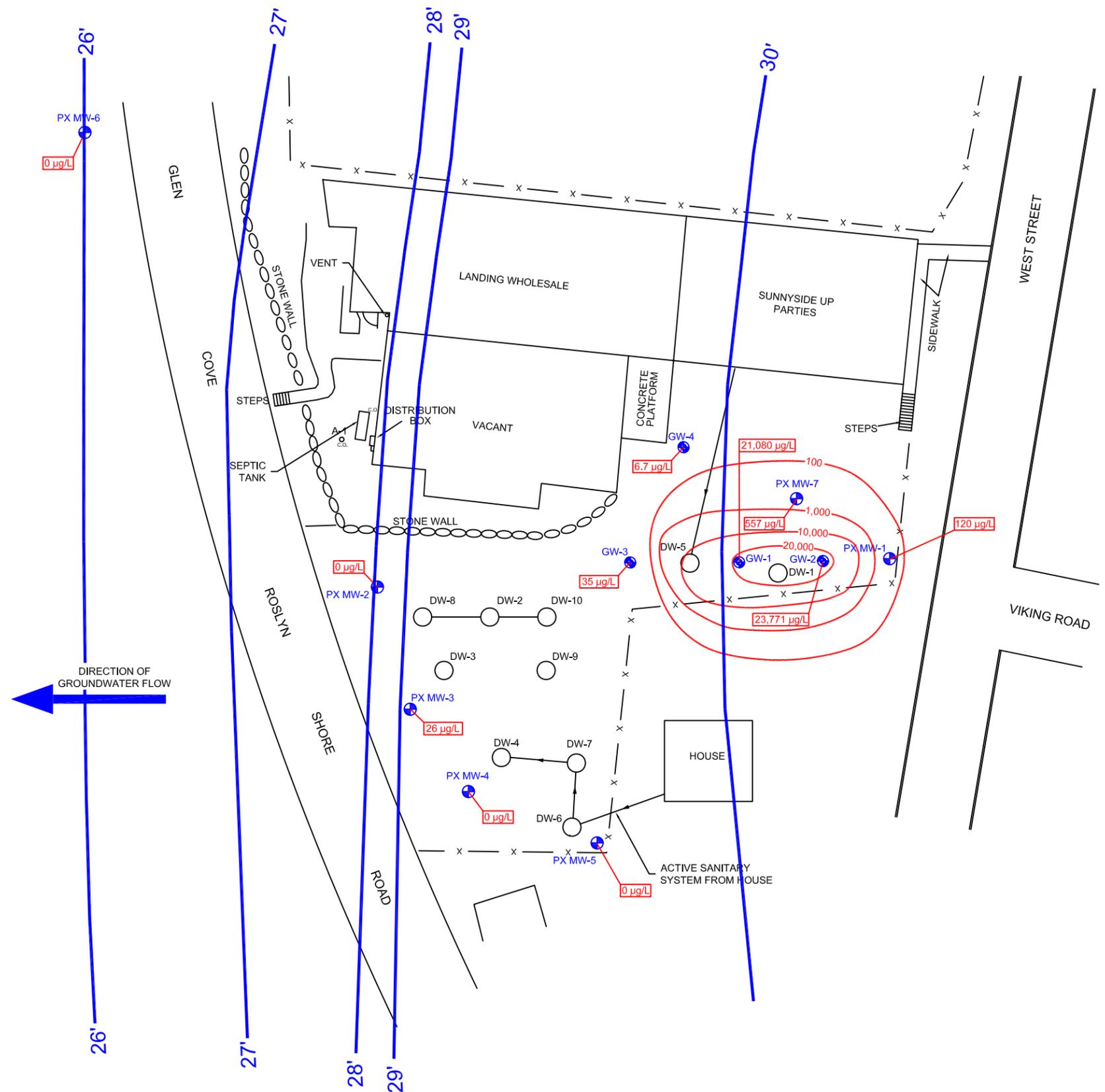
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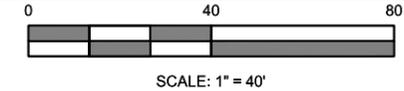
Project: PEN0001	Designed By: JPR	Figure No: 2
CADD Operator: LLG	Approved By: JPR	Date: 10/17/06

SOURCE: YEC, INC., SURVEY MAP 10, JULY 1992



LEGEND

- MONITORING WELL
- DRY WELL / LEACHING STRUCTURE
- GROUNDWATER PROFILE LOCATION
- TOTAL VOLATILE ORGANIC COMPOUNDS
- 30' GROUNDWATER CONTOUR
- GROUNDWATER ELEVATION (FEET)
- 100 TOTAL VOC CONTOUR



**TOTAL VOC CONTOURS AT WATER TABLE
FORMER PENETREX PROCESSING NYSDEC
I.D. No. 130034**

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Project: PEN0001	Designed By: JPR	Figure No: 3
CADD Operator: LLG	Approved By: JPR	Date: 10/18/06

SOURCE: YEC, INC., SURVEY MAP 10, JULY 1992

TABLES

TABLE 1

**Test Pit Soil Analytical Results for Volatile Organic Compounds by EPA Method 8260
One Shore Road, Glenwood Landing, New York**

Compound	NYSDEC Standard(1)	DW-8	DW-10	MDA-10	Trip Blank	Field Blank
Dichlorodifluoromethane	10,000	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane	10,000	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
1,1,1-Trichloroethane	700	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	400	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
1,1,2-Trichloroethane	10,000	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
1,1-Dichloroethane	300	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
1,1-Dichloroethene	300	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
1,1-Dichloropropene	10,000	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
1,2,3-Trichlorobenzene	8,300	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
1,2,3-Trichloropropane	10,000	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
1,2,4-Trichlorobenzene	8,300	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
1,2,4-Trimethylbenzene	NS	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
1,2-Dichlorobenzene	7,900	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
1,2-Dichloroethane	20 or MDL	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
1,2-Dichloropropane	10,000	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
1,3,5-Trimethylbenzene	3,300	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
1,3-Dichlorobenzene	1,600	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
1,3-Dichloropropane	10,000	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
1,4-Dichlorobenzene	8,500	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
2,2-Dichloropropane	10,000	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
2-Chlorotoluene	10,000	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
4-Chlorotoluene	10,000	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Benzene	60	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Bromobenzene	10,000	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Bromochloromethane	10,000	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Bromodichloromethane	10,000	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Bromoform	10,000	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Bromomethane	10,000	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Carbon Tetrachloride	800	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Chlorobenzene	1,100	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Chloroethane	200	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Chloroform	400	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Chloromethane	10,000	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
cis-1,2-Dichloroethene	200	7.7	67	920	< 1.0	< 1.0
cis-1,3-Dichloropropene	NS	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Dibromochloromethane	NS	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Dibromomethane	10,000	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Ethyl benzene	5,500	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Hexachlorobutadiene	10,000	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Isopropylbenzene	2,300	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
m + p Xylene	1,200	< 12	< 13	< 13	< 2.0	< 2.0
Methyl tertiary butyl ether	1,200	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Methylene Chloride	50 or MDL	37 B	26 B	21 B	16 B	18 B
n-Butylbenzene	NS	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
n-Propylbenzene	3,700	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
o Xylene	1,200	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
4-Isopropyltoluene	NS	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
sec-Butylbenzene	NS	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Styrene	10,000	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
tert-Butylbenzene	10,000	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Tetrachloroethene	1,300	52	240	410	< 1.0	< 1.0
Toluene	1,500	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
trans-1,2-Dichloroethene	200	< 6.2	< 6.4	55	< 1.0	< 1.0
trans-1,3-Dichloropropene	NS	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Trichloroethene	500	11	34	56	< 1.0	< 1.0
Trichlorofluoromethane	10,000	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Vinyl chloride	200	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
2-propanol	NS	< 6.2	< 6.4	< 6.5	< 50	< 50
1,2-Dibromoethane	NS	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
2-Butanone	300	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
2-Chloroethyl vinyl ether	NS	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
2-Hexanone	NS	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
4-Methyl-2-pentanone	1,000	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Acetone	200	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Acrolein	NS	< 31	< 32	< 32	< 1.0	< 1.0
Acrylonitrile	NS	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Carbon Disulfide	2,700	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Chlorodifluoromethane	NS	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Diisopropyl ether	NS	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Ethanol	NS	< 31	< 32	< 32	< 1.0	< 1.0
Ethyl acetate	NS	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Freon-114	NS	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Isopropyl acetate	NS	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
n-Amyl acetate	NS	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Naphthalene	NS	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
n-Butyl acetate	NS	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
n-Propyl acetate	NS	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
p-Diethylbenzene	NS	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
p-ethyltoluene	NS	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
t-Butyl alcohol	NS	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Vinyl acetate	NS	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
Freon-113	6,000	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
1,2,4,5-tetramethylbenzene	NS	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0
1,2-dibromo-3-chloropropane	NS	< 6.2	< 6.4	< 6.5	< 1.0	< 1.0

Notes:

1 - NYSDEC Recommended Soil Cleanup Objectives (RSCO), Technical and Administrative Guidance Memo (TAGM) 4046, 12/00.

NS - Not specified.

Bold text denotes RSCO Exceedance.

* - No specific RSCO established, RSCO of 10,000 µg/kg for total VOCs is used.

All units are µg/kg.

B - Compound detected in method blank.

TABLE 2

Soil Boring Analytical Results for Volatile Organic Compounds by EPA Method 8260
One Shore Road, Glenwood Landing, New York

Compound	NYSDEC Standard (1)	SB-1 12.5'-15' 8/28/2006	SB-1 22.5'-25' 8/28/2006	SB-1 27.5'-30' 8/28/2006	SB-2 20'-22.5' 8/28/2006	SB-2 27.5'-30' 8/28/2006	SB-3 15'-17.5' 8/28/2006	SB-3 27.5'-30' 8/28/2006	Trip Blank 8/28/2006	Field Blank 8/28/2006
Dichlorodifluoromethane	10,000	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane	10,000	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
1,1,1-Trichloroethane	700	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	400	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
1,1,2-Trichloroethane	10,000	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
1,1-Dichloroethane	300	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
1,1-Dichloroethene	300	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
1,1-Dichloropropene	10,000	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
1,2,3-Trichlorobenzene	8,300	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
1,2,3-Trichloropropane	10,000	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
1,2,4-Trichlorobenzene	8,300	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
1,2,4-Trimethylbenzene	NS	< 6.0	20	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
1,2-Dichlorobenzene	7,900	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
1,2-Dichloroethane	20 or MDL	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
1,2-Dichloropropane	10,000	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
1,3,5-Trimethylbenzene	3,300	< 6.0	6.3	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
1,3-Dichlorobenzene	1,600	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
1,3-Dichloropropane	10,000	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
1,4-Dichlorobenzene	8,500	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
2,2-Dichloropropane	10,000	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
2-Chlorotoluene	10,000	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
4-Chlorotoluene	10,000	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Benzene	60	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Bromobenzene	10,000	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Bromochloromethane	10,000	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Bromodichloromethane	10,000	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Bromoform	10,000	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Bromomethane	10,000	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Carbon Tetrachloride	800	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Chlorobenzene	1,100	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Chloroethane	200	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Chloroform	400	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Chloromethane	10,000	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
cis-1,2-Dichloroethene	200	< 6.0	34	10	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
cis-1,3-Dichloropropene	NS	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Dibromochloromethane	NS	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Dibromomethane	10,000	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Ethyl benzene	5,500	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Hexachlorobutadiene	10,000	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Isopropylbenzene	2,300	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
m + p Xylene	1,200	< 6.0	< 12	< 12	< 11	< 12	< 10	< 12	< 2.0	< 2.0
Methyl tertiary butyl ether	1,200	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Methylene Chloride	50 or MDL	< 6.0	22 B	< 5.8	< 5.6	< 5.9	< 5.2	23 B	23 B	22 B
n-Butylbenzene	NS	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
n-Propylbenzene	3,700	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
o Xylene	1,200	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
4-Isopropyltoluene	NS	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
sec-Butylbenzene	NS	< 6.0	5.4	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Styrene	10,000	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
tert-Butylbenzene	10,000	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Tetrachloroethene	1,300	15	3,100	9.5	7,100	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Toluene	1,500	< 6.0	< 6.1	< 5.8	16	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
trans-1,2-Dichloroethene	200	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
trans-1,3-Dichloropropene	NS	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Trichloroethene	500	< 6.0	210	< 5.8	32	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Trichlorofluoromethane	10,000	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Vinyl chloride	200	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
2-propanol	NS	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 50	< 50
1,2-Dibromoethane	NS	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
2-Butanone	300	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
2-Chloroethyl vinyl ether	NS	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
2-Hexanone	NS	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
4-Methyl-2-pentanone	1,000	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Acetone	200	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Acrolein	NS	< 30	< 31	< 29	< 28	< 30	< 26	< 30	< 1.0	< 1.0
Acrylonitrile	NS	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Carbon Disulfide	2,700	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Chlorodifluoromethane	NS	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Diisopropyl ether	NS	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Ethanol	NS	< 30	< 31	< 29	< 28	< 30	< 26	< 30	< 1.0	< 1.0
Ethyl acetate	NS	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Freon-114	NS	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Isopropyl acetate	NS	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
n-Amyl acetate	NS	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Naphthalene	NS	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
n-Butyl acetate	NS	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
n-Propyl acetate	NS	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
p-Diethylbenzene	NS	< 6.0	39	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
p-ethyltoluene	NS	< 6.0	13	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
t-Butyl alcohol	NS	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Vinyl acetate	NS	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
Freon-113	6,000	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
1,2,4,5-tetramethylbenzene	NS	< 6.0	30	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0
1,2-dibromo-3-chloropropane	NS	< 6.0	< 6.1	< 5.8	< 5.6	< 5.9	< 5.2	< 5.9	< 1.0	< 1.0

Notes:

1 - NYSDEC Recommended Soil Cleanup Objectives (RSCO), Technical and Administrative Guidance Memo (TAGM) 4046, 12/00.

NS - No RSCO established for this compound.

Bolded text denotes RSCO Exceedance.

* - No specific RSCO established, RSCO of 10,000 µg/kg for total VOCs is used.

All units are µg/kg.

B - Compound detected in the method blank.

MDL - Method Detection Limit.

TABLE 2 (cont'd)

Soil Boring Analytical Results for Volatile Organic Compounds by EPA Method 8260
One Shore Road, Glenwood Landing, New York

Compound	NYSDEC Standard	SB-4 12.5'-15' 8/30/2006	SB-4 27.5'-30' 8/30/2006	SB-5 12.5'-15' 8/30/2006	SB-5 27.5'-30' 8/30/2006	SB-6 12.5'-15' 8/30/2006	SB-6 27.5'-30' 8/30/2006	SB-7 17.5'-20' 8/30/2006	SB-7 27.5'-30' 8/30/2006	SB-8 13'-15' 8/30/2006	SB-8 17.5'-20' 8/30/2006	Trip Blank 8/30/2006	Field Blank 8/30/2006
Dichlorodifluoromethane	10,000	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane	10,000	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
1,1,1-Trichloroethane	700	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	400	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
1,1,2-Trichloroethane	10,000	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
1,1-Dichloroethane	300	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
1,1-Dichloroethene	300	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
1,1-Dichloropropene	10,000	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
1,2,3-Trichlorobenzene	8,300	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
1,2,3-Trichloropropane	10,000	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
1,2,4-Trichlorobenzene	8,300	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
1,2,4-Trimethylbenzene	NS	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	39	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
1,2-Dichlorobenzene	7,900	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
1,2-Dichloroethane	20 or MDL	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
1,2-Dichloropropane	10,000	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
1,3,5-Trimethylbenzene	3,300	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
1,3-Dichlorobenzene	1,600	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
1,3-Dichloropropane	10,000	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
1,4-Dichlorobenzene	8,500	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
2,2-Dichloropropane	10,000	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
2-Chlorotoluene	10,000	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
4-Chlorotoluene	10,000	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Benzene	60	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Bromobenzene	10,000	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Bromochloromethane	10,000	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Bromodichloromethane	10,000	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Bromoform	10,000	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Bromomethane	10,000	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Carbon Tetrachloride	800	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Chlorobenzene	1,100	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Chloroethane	200	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Chloroform	400	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Chloromethane	10,000	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
cis-1,2-Dichloroethene	200	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	310	< 5.9	< 6.1	290	< 1.0	< 1.0
cis-1,3-Dichloropropene	NS	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Dibromochloromethane	NS	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Dibromomethane	10,000	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Ethyl benzene	5,500	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	8.6	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Hexachlorobutadiene	10,000	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Isopropylbenzene	2,300	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
m + p Xylene	1,200	< 10	< 12	< 11	< 12	< 11	< 12	35	< 12	< 12	23	< 2.0	< 2.0
Methyl tertiary butyl ether	1,200	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Methylene Chloride	50 or MDL	4.2 JB	< 6.1	7.3 B	7.0 B	5.7 JB	8.2 B	6.9 B	7.6 B	11 B	9.9 B	5.1 B	5.2 B
n-Butylbenzene	NS	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
n-Propylbenzene	3,700	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
o Xylene	1,200	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	18	< 5.9	< 6.1	16	< 1.0	< 1.0
4-Isopropyltoluene	NS	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
sec-Butylbenzene	NS	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	15	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Styrene	10,000	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
tert-Butylbenzene	10,000	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Tetrachloroethene	1,300	< 5.2	< 6.1	140	26	1,600	< 6.0	10	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Toluene	1,500	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	26	480	< 1.0	< 1.0
trans-1,2-Dichloroethene	200	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
trans-1,3-Dichloropropene	NS	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Trichloroethene	500	< 5.2	< 6.1	13	< 6.1	21	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Trichlorofluoromethane	10,000	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Vinyl chloride	200	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
2-propanol	NS	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 50	< 50
1,2-Dibromoethane	NS	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
2-Butanone	300	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
2-Chloroethyl vinyl ether	NS	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
2-Hexanone	NS	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
4-Methyl-2-pentanone	1,000	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Acetone	200	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Acrolein	NS	< 26	< 30	< 28	< 30	< 29	< 30	< 30	< 29	< 31	< 31	< 1.0	< 1.0
Acrylonitrile	NS	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Carbon Disulfide	2,700	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Chlorodifluoromethane	NS	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Diisopropyl ether	NS	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Ethanol	NS	< 26	< 30	< 28	< 30	< 29	< 30	< 30	< 29	< 31	< 31	< 1.0	< 1.0
Ethyl acetate	NS	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Freon-114	NS	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Isopropyl acetate	NS	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
n-Amyl acetate	NS	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
Naphthalene	NS	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
n-Butyl acetate	NS	< 5.2	< 6.1	< 5.6	< 6.1	< 5.7	< 6.0	< 6.0	< 5.9	< 6.1	< 6.2	< 1.0	< 1.0
n													

Table 3

**Monitoring Well Groundwater Elevations
September 6, 2006
1 Shore Road, Glenwood Landing, New York**

Well Location	Casing Elevation	Depth to Water	Groundwater Elevation
MW-1	49.06	18.76	30.30
MW-2	38.88	10.88	28.00
MW-3	38.86	9.48	29.38
MW-4	39.36	10.02	29.34
MW-5	40.32	10.78	29.54
MW-6	38.09	12.08	26.01
MW-7	49.18	18.93	30.25

Notes:

Elevations based on arbitrary benchmark of 50'.
Units in feet.

TABLE 5

HISTORICAL GROUNDWATER MONITORING WELL ANALYTICAL RESULTS
VOCs - EPA METHOD 8260

Compound	NYSDEC Standards(1)	MW-1			MW-2			MW-3				MW-4			MW-5		MW-6		MW-7	
		11/13/01	1/19/05	9/6/06	11/13/01	1/19/05	9/6/06	11/13/01	1/19/05	2/11/05	9/6/06	11/13/01	1/19/05	9/6/06	1/19/05	9/5/06	1/19/05	9/6/06	1/19/05	9/6/06
1,1,1,2-Tetrachloroethane	5	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	5	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
1,2,3-Trichlorobenzene	5	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
1,2,3-Trichloropropane	0.04	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
1,2,4,5-Tetramethylbenzene	5	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
1,2,4-Trichlorobenzene	5	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
1,2,4-Trimethylbenzene	5	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
1,2-Dibromo-3-chloropropane	0.04	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
1,2-Dibromoethane	5	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
1,2-Dichlorobenzene	3	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
1,2-Dichloroethane	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
1,3-Dichlorobenzene	3	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
1,3-Dichloropropane	5	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
1,4-Dichlorobenzene	3	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
2,2-Dichloropropane	5	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
2-Chlorotoluene	5	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
4-Chlorotoluene	5	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
4-Isopropyltoluene	5	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
Acetone	50	ND	ND	ND	ND	ND	ND	ND	43	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	5	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
Bromodichloromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	NS	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
Chloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	1	ND	11	ND	ND	97	14	ND	ND	3	ND	ND	ND	ND	ND	ND	ND	27
cis-1,3-Dichloropropene	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	5	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
Dichlorodifluoromethane	5	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
Diisopropyl ether	NS	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
Ethanol	NS	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
Ethyl acetate	NS	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
Ethyl Benzene	5	ND	ND	ND	ND	ND	ND	79	27	26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Freon 113	NS	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
Hexachlorobutadiene	0.5	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
Isopropyl acetate	NS	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
Isopropylbenzene	5	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
m + p Xylene	10	ND	ND	ND	ND	ND	ND	ND	ND	124	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tertiary Butyl Ether	10	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
n-Butyl acetate	NS	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
n-Butylbenzene	5	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
n-Propyl acetate	NS	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
n-Propylbenzene	5	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
o Xylene	5	ND	ND	ND	ND	ND	ND	ND	ND	57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Diethylbenzene	NS	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
p-Ethyltoluene	NS	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
p-Isopropyltoluene	5	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
sec-Butylbenzene	5	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
Styrene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
t-butyl alcohol	NS	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
tert-Butylbenzene	5	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
Tetrachloroethene	5	100	83	120	11	14	ND	54	ND	ND	ND	65	ND	ND	11	ND	2	ND	267	530
Toluene	5	ND	ND	ND	ND	ND	ND	ND	11000	2310	ND	ND	11	ND	ND	ND	4.9	ND	ND	ND
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	4	2	ND	3	ND	ND	9	0.7	ND	ND	7	ND	ND	6	ND	ND	ND	16.5	ND
Trichlorofluoromethane	5	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
Vinyl acetate	NS	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-propanol	NS	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
2-Butanone	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	NS	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
2-Hexanone	50 G	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NS	ND	ND	ND	ND	ND	ND	ND	ND	107	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrolein	5 G	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
Acrylonitrile	5	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
Carbon Disulfide	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodifluoromethane	NS	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
Freon-114	NS	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND
n-Amyl acetate	NS	NA	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA	ND

Notes:

- 1 - NYSDEC Class GA Groundwater Standards, TOGS 1.1.1, June 1998
- NS - Not specified.
- ND - Not detected.
- NA - Not analyzed.
- Bold text denotes concentrations

TABLE 6

Soil-Gas Analytical Results
Volatile Organic Compounds - Method TO-15
1 Shore Road, Glenwood Landing, New York

Compound	Target Soil Gas Concentrations (1)	SG-1	Q	SG-2	Q
Dichlorodifluoromethane	2,000	5.0	U	5.0	U
Chloromethane	240	0.83	U	0.83	U
Vinyl Chloride	28	1.3	U	1.3	U
Bromomethane	50	3.9	U	3.9	U
Chloroethane	100,000	5.3	U	5.3	U
Trichlorofluoromethane	7,000	1.1	U	1.1	U
Freon TF	300,000	48		13	
1,1-Dichloroethene	5,000	0.79	U	0.79	U
Methylene Chloride	520	0.69	U	0.69	U
1,1-Dichloroethane	5,000	11		8.1	U
cis-1,2-Dichloroethene	350	1.6	U	1.6	U
Chloroform	11	13		6.3	
1,1,1-Trichloroethane	22,000	34		8.2	
Carbon Tetrachloride	16	1.3	U	1.3	U
Benzene	31	3.5		7.0	
1,2-Dichloroethane	9.4	0.81	U	0.81	U
Trichloroethene	2.2	29		240	
1,2-Dichloropropane	40	0.92	U	0.92	U
cis-1,3-Dichloropropene	NG	0.91	U	0.91	U
Toluene	4,000	35		64	
trans-1,3-Dichloropropene	NS	0.91	U	0.91	U
1,1,2-Trichloroethane	15	1.1	U	1.1	U
Tetrachloroethene	81	430		75	
Chlorobenzene	600	0.92	U	0.92	U
Ethylbenzene	220	15		24	
Xylene (m,p)	70,000	65		100	
Styrene	10,000	0.85	U	0.85	U
Xylene (o)	70,000	25		37	
1,1,2,2-Tetrachloroethane	4.2	1.4	U	1.4	U
1,3-Dichlorobenzene	1,100	1.2	U	1.2	U
1,4-Dichlorobenzene	8,000	1.2	U	1.2	U
1,2-Dichlorobenzene	2,000	1.2	U	1.2	U
Hexachlorobutadiene	11	2.1	U	2.1	U
1,3,5-Trimethylbenzene	60	12		10	
1,2,4-Trimethylbenzene	60	36		25	
1,2-Dichlorotetrafluoroethane	NS	1.4	U	1.4	U
1,2-Dibromoethane	1.1	1.5	U	1.5	U
1,3-Butadiene	0.87	2.2	U	2.2	U
Carbon Disulfide	7,000	3.7		3.7	
Acetone	3,500	62		140	
Isopropyl Alcohol	NS	12	U	12	U
Methyl tert-Butyl Ether	30,000	0.70	U	0.70	U
Cyclohexane	NS	1.7	U	1.7	U
Dibromochloromethane	10	1.7		3.4	
Methyl Ethyl Ketone	10,000	3.0	U	3.0	U
1,4-Dioxane	NS	3.6	U	3.6	U
Methyl Isobutyl Ketone	800	4.1	U	4.1	U
Bromoform	220	2.1	U	2.1	U
Bromodichloromethane	14.0	4.6		4.6	
trans-1,2-Dichloroethene	700	0.79	U	0.79	U
4-Ethyltoluene	NS	32		35	
3-Chloropropene	NS	1.6	U	1.6	U
2,2,4-Trimethylpentane	NS	200		370	
n-Hexane	2,000	4.2		5.6	
Tetrahydrofuran	NS	5.9	U	5.9	U
n-Heptane	NS	3.7		4.5	
1,2-Dichloroethene (total)	NS	0.79	U	0.79	U
Xylene (total)	70,000	90		140	
tert-Butyl Alcohol	NS	6.1	U	6.1	U

Notes:

USEPA Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soil (Subsurface Vapor Intrusion Guidance) Table 2b Risk = 1×10^{-5}

NS - Not Specified.

All units are $\mu\text{g}/\text{m}^3$.

Bold text denotes exceedance of guidance value.

Q - Qualifier

U - Compound not detected at a concentration above the reporting limit.

APPENDIX A
NYSDEC Correspondence

**New York State Department of Environmental Conservation
Division of Environmental Remediation**

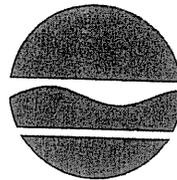
Remedial Bureau A

625 Broadway, 11th Floor

Albany, New York 12233-7015

Phone: (518) 402-9621 • Fax: (518) 402-9022

Website: www.dec.state.ny.us



Denise M. Sheehan
Acting
Commissioner

September 14, 2005

Mr. James P. Rhodes, C.P.G.
P.W. Grosser Consulting Engineers P.C.
630 Johnson Avenue, Suite 7
Bohemia, NY 11716

Re: Penetrex Processing Company
Site No. 130034
Nassau County

Dear Mr. Rhodes:

The New York State Department of Environmental Conservation, NYSDEC, has reviewed your April 2005 Final Groundwater Investigation/Soil Gas Sampling Report. The monitoring wells currently in place are not sufficient to fully monitor or evaluate groundwater contamination at the site. The downgradient well does not provide enough information to characterize all downgradient concentrations of site related contamination. The site will not be reclassified at this time. Please address the following comments:

- Please remove the word "Final" from the title of the April 2005 Investigation Report.
- Please remove Nathan Putnam's name from the Investigation Report and state "NYSDEC Personnel" were on site during the GW-7 groundwater sampling and chemical inventory.
- Please remove the last sentence from the third paragraph in section 6.0 Conclusions and Recommendations.
- Please remove the first sentence of the last paragraph in section 6.0. The presence of an on-site source of contamination has not been ruled out.
- Please change the units in the figures to the appropriate values for the media; micrograms per liter for water, ppbv or micrograms per cubic meter for soil vapor.

Please develop a work plan that describes the following investigation activities:

- Please reevaluate groundwater flow direction by measuring the water level in all wells over the same tidal cycle.
- Please collect groundwater samples from at least four on-site profiles. Based on the latest groundwater flow direction these profiles must be located downgradient of DW-5, and MW-7. One profile must be located between MW-1 and MW-7. The fourth profile must be located at SG-3. The profiles must be completed to one hundred feet below grade. Groundwater must be collected utilizing a submersible pump at ten foot intervals starting at the groundwater interface. Collection of samples must follow EPA low flow groundwater sampling procedures. Groundwater parameters such as dissolved oxygen, conductivity, turbidity, and pH must stabilize before groundwater samples are collected. The water samples collected must be analyzed at an ELAP certified laboratory by EPA Method 8260.
- Please conduct one soil profile from the ground surface to the groundwater table at the SG-3 location to determine if impacted soil may be present at this location. The soil cores must be screened with an organic vapor monitoring device. At least two samples must be sent to an ELAP certified laboratory to be analyzed for volatile contamination by EPA Method 8260. The samples collected for laboratory analysis must be collected from the portions of the profile with the highest response from the organic vapor monitoring device and from the deepest interval.
- Please collect groundwater samples from the monitoring wells during the same sampling event as the groundwater profiles.
- Please inspect the disposal conduit from the former Penetrex area to DW-5 for areas that may have discharged wastes between the building and the dry well. If areas are uncovered that may have caused contaminated soil then a soil profile must be conducted in that area.
- Please indicate a Data Usability Summary Report will be prepared for all analytical sampling using Category B deliverables.

Please submit a work plan that describes the additional investigation activities to the NYSDEC within 20 business days of your receipt of this letter.

Sincerely,

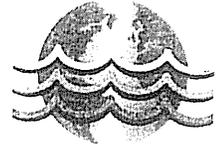


Nathan E. Putnam
Project Manager
Section A

cc: D. Yudelson, Esq.
R. Weitzman, NCDOH

ec: G. Bobersky, NYSDEC
W. Parish, NYSDEC
J. Nealon, NYSDOH

P.W. GROSSER
CONSULTING, INC



P.W. GROSSER
CONSULTING
ENGINEERS &
HYDROGEOLOGIST, PC

October 26, 2005

Mr. Nathan E. Putnam
New York State Department of Environmental Conservation
Division of Environmental Remediation – Bureau A
625 Broadway, 11th Floor
Albany, New York 12233-7015

630
JOHNSON
AVENUE
SUITE 7

**Re: Former Penetrex Processing Company
Site No. 130034
1 Shore Road,
Glenwood Landing, New York**

BOHEMIA

Dear Mr. Putnam:

NEW YORK

P.W. Grosser Consulting, Inc. (PWGC) has prepared this letter to respond to your Departments September 14, 2005 comments to our April 2005 Final Groundwater Investigation/Soil Gas Sampling Report. PWGC acknowledges the changes your Department indicates to the existing report and will resubmit a final version of the report under separate cover.

11716-2618

In your correspondence it is indicated that the Department believes that the existing monitoring wells are not sufficient to fully monitor or evaluate groundwater contamination at the site. Additionally, it is indicated that the down-gradient well does not provide enough information to characterize all down-gradient concentrations of site related contamination. Based on these issues, your Department has requested additional investigation activities.

PHONE:
631-589-6353

PWGC acknowledges the validity of the comments however, we feel that modifications to the investigation activities described in the correspondence is appropriate. PWGC's proposed approach is designed to thoroughly investigate the potential for residual soil impact in the vicinity of DW-1 and DW-5 as it relates to the potential to cause sub-slab volatile organic compound (VOC) vapor issues. Although, PWGC believes additional groundwater investigation is appropriate, the extent detailed and the focus on the vertical migration of contamination is not supported by the existing hydrogeologic conditions and the historical sample results obtained from the site.

FAX:
631-589-8705

VISIT US AT:
www.pwgrosser.com

The former Penetrex site is situated in close proximity to Hempstead Harbor. Based on the Nassau County Department of Health (NCDH) Water Table Elevation Map (March 2000), the groundwater elevation at the site is 10 feet above mean sea level (MSL) or less and groundwater flow is west – northwest directly toward Hempstead Harbor. Also, as indicated in past reports, there is a significant difference in groundwater elevations at the site from west to east as the topography slopes down toward the surface water body. Tides may also have an influence on groundwater elevation in the western most wells. Therefore, from the published information there is no indication that groundwater moves vertically downward at the former Penetrex site and the predominant direction of groundwater flow is horizontal toward Hempstead Harbor. Additionally, as you move closer to the harbor, groundwater likely moves upward as it discharges to the surface water body. Therefore, PWGC believes the only mechanism for vertical migration in the groundwater would be if dense non aqueous phase liquid (DNAPL) exists and DNAPL has never been identified at the site.

ACBC

Historic groundwater sampling results reflect the groundwater flow conditions described in the previous section. Prior to installing the three most recent monitoring wells, PWGC conducted eight vertical profile groundwater borings. In generally, these borings extended to 50 feet below the water table. In seven of these borings, only low levels of contaminants of concern were detected, with the detections noted in the shallowest interval at the water table. One location (GW-7) showed uncharacteristically high concentrations in the vertical profile boring. However, of note, the greatest concentration was detected within 10 feet of the water table. A subsequent confirmatory vertical profile boring performed at the same location did not depict significant contamination, as tetrachloroethene (PCE) was detected at 7 ug/l at the water table. The boring was conducted to 85 feet below grade (approximately 60 feet below the water table) and no other compounds were detected.

Following the vertical profile sampling, PWGC received approval to finalize the three locations for the additional monitoring wells with their screens intersecting the water table and extending to approximately 10 feet below. The complete sampling round conducted after the installation of the additional monitoring wells detected the greatest concentration at MW-7 (267 ug/l) however, overall groundwater impact was relatively minor when considering the surrounding properties. Down-gradient wells shows evidence that the PCE is degrading by natural means, with the most down-gradient well depicting PCE concentrations within New York State (NYS) Groundwater Standards. Furthermore, the down-gradient sites are industrial in nature and include several major oil storage facilities and a municipal power station. Glenwood Oil Terminal Corp. is located northwest, diagonally across from the property and is believed that free phase petroleum product exists beneath this site.

Based on the above discussion, PWGC proposes the following scope of work:

PWGC will locate and trace the discharge line to DW-5 and conduct a geophysical survey using a split-box metal detector (Fisher Model TW-6) and ground penetrating radar in the vicinity of DW-5 and DW-1 to verify that no additional subsurface structures exist.

PWGC will update the monitoring well survey to determine the existing direction of groundwater flow. PWGC will collect water level measurements over a complete tidal cycle to evaluate the potential tidal influence on groundwater flow especially along the western boundary of the site. PWGC will complete this work prior to finalizing groundwater profile locations.

PWGC will conduct soil borings using a Geoprobe in the vicinity of the above referenced structures to determine if residual impact exists. It is anticipated that 6-8 borings will be conducted. A soil boring will be placed at the former location of SG-3 as indicated in your Departments comments. Additional borings will be placed along the drainage line, in the vicinity of MW-7, and a boring will be conducted through DW-5 to verify the previous soil boring program results. The soil borings will be conducted in accordance with the procedures described in your correspondence. However, PWGC will extend the soil sampling to 10 feet below the water table to determine if residual impact exists below the water table. If there is any indication that DNAPL is present, the boring will be continued until clean conditions exist or the depth capabilities of the equipment are reached.

As specified, two soil samples will be collected for laboratory analysis from each boring (the sample exhibiting the greatest PID response and the deepest sample from the boring). The samples will be analyzed by a New York State ELAP certified laboratory for volatile organic compounds (VOC's) by EPA Method 8260. In accordance with previously agreed upon procedures, the analysis will include the normal laboratory summary package and a Data Usability summary will be provided in the report. Decontamination and quality assurance/quality control (QA/QC) procedures established in previous soil boring programs performed at the site under the Remedial Investigation/Feasibility Study (RI/FS) will be followed.

Following the soil boring program, PWGC will conduct additional groundwater investigation using a Geoprobe. PWGC will conduct a minimum of four groundwater sampling profiles. Two locations will coincide with the areas

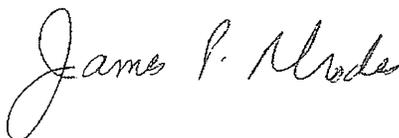
indicated in your Departments comment letter (between MW-1 and MW-7 and at the former SG-3 location), while the remaining two will be placed down-gradient (northwest) of DW-5. Three groundwater samples will be collected from each boring including the depth coinciding with the water table interface, 15 feet below the water table and 30 feet below the water table. Each sample will be analyzed for VOC's by EPA Method 8260 as described in the previous paragraph. Actual groundwater sampling locations and final depths will be determined following the results of the soil boring program.

As indicated, PWGC will conduct a complete groundwater sampling round of existing wells (MW-1 through MW-7) at the same time the groundwater profiles are being performed. The collection of groundwater samples from the monitoring wells will follow EPA low flow groundwater sampling procedures and will include the evaluation of groundwater parameters dissolved oxygen, conductivity, and pH. Again the groundwater samples will be analyzed for VOC's by EPA Method 8260 in accordance with the procedures described above. Decontamination and quality assurance/quality control (QA/QC) procedures established in previous groundwater sampling programs performed at the site under this RI/FS will be followed.

PWGC has attached Figure 1, which depicts the proposed soil and groundwater sampling locations. Following the completion of above specified investigation, PWGC will prepare a comprehensive report documenting sampling and QA/QC procedures, sample results and will include the use of tables and figures for ease of interpretation. The report will also include conclusions and recommendations and will consider results from the sub-slab and indoor air investigation performed at the site.

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

Very truly yours,
P.W. Grosser Consulting, Inc.



James Rhodes, CPG
Vice President

Cc: G. Bobersky, NYSDEC
J. Nealon, NYSDOH
W. Parrish, NYSDEC
D. Yudelson, ESQ.
L. Weinberger

Roslyn Houghton
516-494-1234

J 80

New York State Department of Environmental Conservation
Division of Environmental Remediation

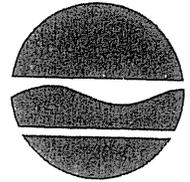
Remedial Bureau A

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Website: www.dec.state.ny.us



Denise M. Sheehan
Commissioner

December 22, 2005

Mr. James P. Rhodes C.P.G.
P.W. Grosser Consulting Engineers P.C.
630 Johnson Avenue, Suite 7
Bohemia, NY 11716

RE: Penetrex Processing
Site No. 130034
Nassau County

Dear Mr. Rhodes:

The New York State Department of Environmental Conservation has reviewed your October 26, 2005 soil and ground water sampling proposal. Please address the following comments:

- Please indicate that groundwater samples from the profiles will be collected utilizing EPA low flow sampling procedures. This includes collecting samples only after the stabilization of groundwater parameters and the use of a submersible pump.
- Please indicate that at least one groundwater profile will be conducted downgradient of MW-7.

The November 18, 2005 Sub-Slab Vapor and Indoor Air Investigation Report has been reviewed. Please develop a work plan to address the following comments:

- Please indicate an active sub-slab depressurization system will be utilized to reduce or eliminate current or potential indoor air impacts to the residence and commercial structure from the contaminated sub-slab soil vapor.
- Please indicate vapor sampling will be conducted during the heating season to determine the effect cold weather conditions have on vapor intrusion.

- Please indicate a soil vapor intrusion investigation will be conducted for the building to the south of DW-4 in Figure 2 of the Sub-Slab Vapor and Indoor Air Investigation Report.

Please submit a revised groundwater and soil sampling proposal and a plan to address vapor intrusion to the NYSDEC within 20 business days of your receipt of this letter.

Sincerely,



Nathan E. Putnam
Project Manager
Section A

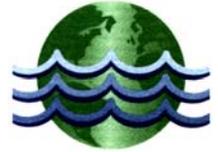
cc: D. Yudelson, Esq.
L. Weinberger
R. Weitzman, NCDOH

ec: G. Bobersky, NYSDEC
W. Parish, NYSDEC
J. Nealon, NYSDOH

APPENDIX B

Geophysical Investigation and Tide Evaluation Report

P.W. GROSSER
CONSULTING, INC



P.W. GROSSER
CONSULTING
ENGINEERS &
HYDROGEOLOGIST, PC

August 1, 2006

Mr. Nathan E. Putnam
New York State Department of Environmental Conservation
Division of Environmental Remediation – Bureau A
625 Broadway, 11th Floor
Albany, New York 12233-7015

**Re: Former Penetrex Processing Company
Site No. 130034
1 Shore Road, Glenwood Landing, New York**

630
JOHNSON
AVENUE
SUITE 7

Dear Mr. Putnam:

BOHEMIA

P.W. Grosser Consulting, Inc. (PWGC) has prepared this letter to present the preliminary findings of the geophysical survey and water table elevation monitoring conducted at the site on June 23, 2006. The complete results will be included in a formal sub-surface investigation report following the completion of the remaining tasks including soil borings, soil gas sampling, vertical profile groundwater sampling, and groundwater monitoring well sampling activities.

NEW YORK

11716-2618

Groundwater Elevation Contours

Figures 1 and 2 depict the groundwater elevation contours collected on June 23, 2006 at low tide and high tide, respectively. Groundwater levels were collected from each monitoring well every hour. PWGC then obtained the tide information from the NOAA to generate the groundwater elevation contours representing low and high tide. A copy of the NOAA tide chart is included in Appendix A.

PHONE:

631-589-6353

FAX:

631-589-8705

VISIT US AT:

www.pwgrosser.com

The result of this analysis demonstrates that the groundwater levels along the western portion of the site are tidally influenced. As shown on Figure 3, wells MW-2 and MW-6 showed the greatest fluctuation as water level changes of nearly a foot was observed. The tidal influence does not significantly change the direction of groundwater flow as groundwater still flows from east to west toward the harbor. However, the tidal influence does slightly alter the direction. As shown on Figure 1, groundwater flow from the area of DW-5 flows west with a slight northwest component during low tide. Groundwater flow is more directly west during high tide as shown of Figure 2.

As a result of the tidal influence, PWGC believes that this confirms that groundwater flow does not possess a vertical component of flow as shallow groundwater discharges into the harbor. In most cases groundwater at depth will move upward in the vicinity of the surface water body to discharge in the harbor. Additionally, PWGC believes that the groundwater profile location GW-3 as presented in our May 2, 2006 correspondence is in an appropriate position to evaluate the area down-gradient from DW-5.

Geophysical Results

PWGC conducted a geophysical investigation on June 23, 2006 in accordance with our May 2, 2006 correspondence and as detailed in our October 26, 2005 and February 9, 2006 follow-up work plans. PWGC subcontracted Naeva Geophysical Inc. (Naeva). As indicated in the work plans, the geophysical investigation was conducted using a fisher TW-6 Pipe and

Cable Locator (hand-held electromagnetic metal detector) and a Sensors & Software Smart Cart ground penetrating radar (GPR) with a 250 MHz antenna.

The main objective of the geophysical investigation was to trace the line from the building to DW-5 to verify that no additional sanitary system structures, that could be acting as a residual source of tetrachloroethene (PCE) contamination, exist. In addition, the investigation was expanded to verify that no additional subsurface structures (including drywells or underground storage tanks) exist in the upper parking lot area in the vicinity of the former Penetrex building as well as the lower parking lot area.

A total of 16 anomalies were detected within the paved parking lot at the site (the anomalies are depicted on Figure 4). Anomalies 3 and 4 are associated with abandoned drywells DW-2 and DW-3 documented at the site. In addition, anomalies 7 and 11 are associated with sanitary leaching structure DW-5 and storm drain DW-1, respectively. Anomalies identified as 1, 8, 9, 12, 13, 14, 15, and 16 are too small to be reasonably expected as being an underground structure or underground storage tank (UST) of environmental significance. Anomalies identified as 2, 4, 6, and 10 are large enough to warrant further investigation. It is important to point out that according to Naeva, anomalies 2, 4, and 6 appear rectangular, the results of the GPR survey was not indicative of USTs. Anomaly 10, although fairly large is irregular in shape making identification from the surface improbable.

Naeva was successful in tracing the sanitary line from the former Penetrex building towards DW-5, however due to interference they were unable to trace the line all the way to the structure. No other interconnecting piping was detected during the Naeva investigation (a copy of the Naeva report is included in Appendix B).

Recommendations

To identify the source of anomalies 2, 4, 6, and 10, PWGC recommends performing test pits adjacent to each anomaly. The objective of the test pits is to identify the source of the anomaly. Further investigation, if appropriate, can be added to the approved subsurface investigation. The test pits will be performed using a backhoe and will be supervised by PWGC personnel. The PWGC representative will screen the soils obtained from the test pit using a Photoionization detector (PID). If PID readings in excess of 10 parts per million are obtained, the soils exhibiting these reading will be retained and transferred into laboratory supplied glassware. The samples will be hand delivered under proper chain of custody to a NYSDOH ELAP certified laboratory and analyzed for volatile organic compounds (VOC's) by EPA Method 8260. The backhoe will also be used to expose the cover of DW-5 which has been paved over with asphalt.

Following the performance of the test pits and the identification of the anomalies, PWGC will prepare a letter report documenting the results. Additional investigation activities will be added to the approved subsurface investigation, if appropriate. These activities may include additional soil borings or soil gas sampling points as described in the above referenced work plans. Should below grade underground injection control (UIC) structures, such as drywells, sanitary tanks, or sanitary leaching pools be discovered and access to their bottoms obtained, PWGC may collect representative samples from these structures at the time of the test pitting activities. Bottom soil/sediment samples will be collected from such structures using a stainless steel hand auger that will be properly decontaminated prior to and between samples using a non-phosphate detergent scrub and a tap water rinse. The samples will be transferred into laboratory supplied glassware and analyzed for VOC's by EPA method 8260, semi-VOC's by EPA Method 8270, and total 8 RCRA metals in accordance with the Nassau County Department of Health (NCDH) Private Sewer System Abandonment Procedures. The results of the samples will be compared to the soil cleanup objectives contained in the NYSDEC Technical and Administrative Guidance Memorandum (TAGM -4046). Following the review of these results, should additional investigation or remediation activities be warranted, PWGC will contact the NCDH and follow the guidance specified above.

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

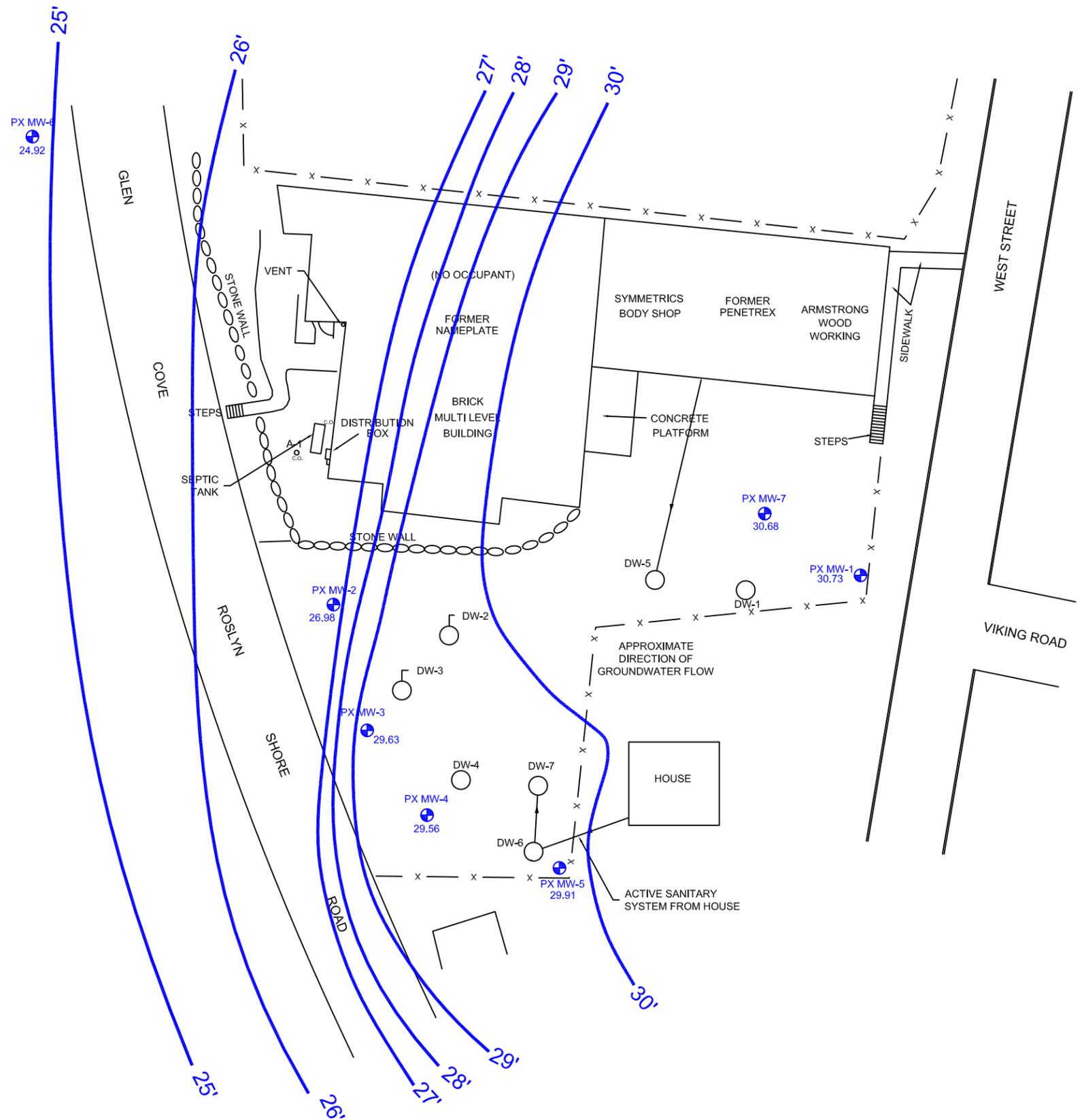
Very truly yours,
P.W. Grosser Consulting, Inc.



James Rhodes, CPG
Vice President

Cc: G. Bobersky, NYSDEC
S. McLelland, NYSDOH
W. Parrish, NYSDEC
D. Yudelson, ESQ.
L. Weinberger

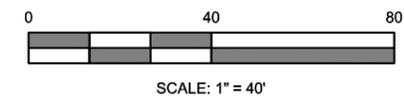
FIGURES



LEGEND

- MONITORING WELL
- DRY WELL / LEACHING STRUCTURE
- 30' GROUNDWATER CONTOUR
- 30.68 GROUNDWATER ELEVATION

NOTE:
GROUNDWATER ELEVATIONS BASED ON
ARBITRARY BENCHMARK



**GROUNDWATER ELEVATION CONTOURS
LOW TIDE - JUNE 23, 2006
FORMER PENETREX PROCESSING NYSDEC
I.D. No. 130034**

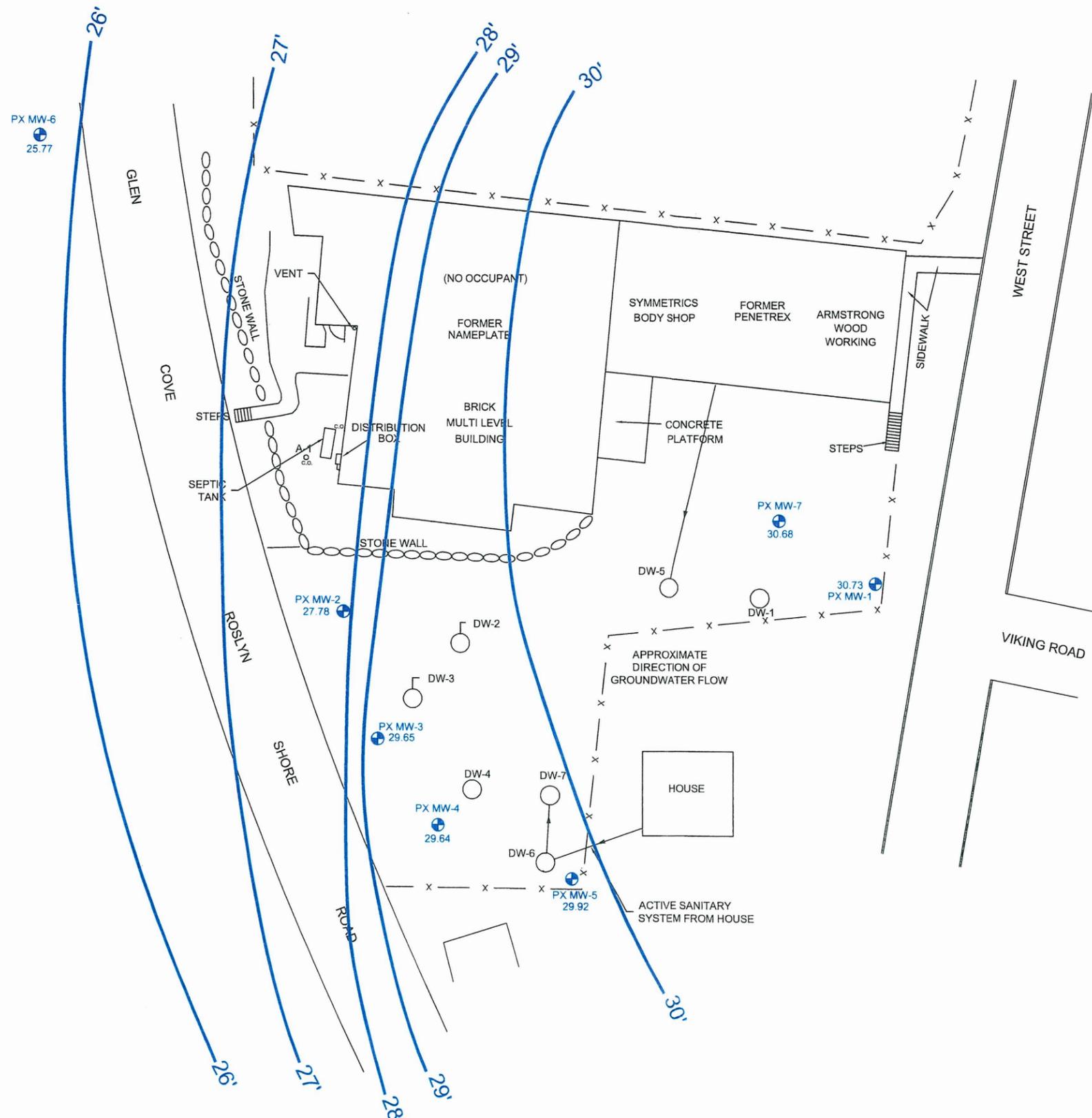
**P.W. GROSSER CONSULTING
ENGINEER & HYDROGEOLOGIST, P.C.**

630 Johnson Ave. Suite 7
Bohemia, N.Y. 11716-2618
Ph: (631)589-6353 Fax: (631)589-8705
E-mail: Info@pwgrosser.com

Project:	Designed By:	Figure No:
PEN0001	JPR	1
CADD Operator:	Approved By:	Date:
LLG	JPR	7/13/06

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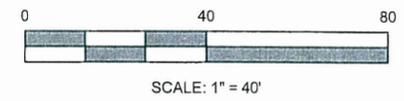
SOURCE: YEC, INC., SURVEY MAP 10, JULY 1992



LEGEND

- MONITORING WELL
- DRY WELL / LEACHING STRUCTURE
- 30' GROUNDWATER CONTOUR
- 30.68 GROUNDWATER ELEVATION

NOTE:
GROUNDWATER ELEVATIONS BASED ON
ARBITRARY BENCHMARK



GROUNDWATER ELEVATION CONTOURS
HIGH TIDE - JUNE 23, 2006
FORMER PENETREX PROCESSING NYSDEC
I.D. No. 130034

**P.W. GROSSER CONSULTING
ENGINEER & HYDROGEOLOGIST, P.C.**

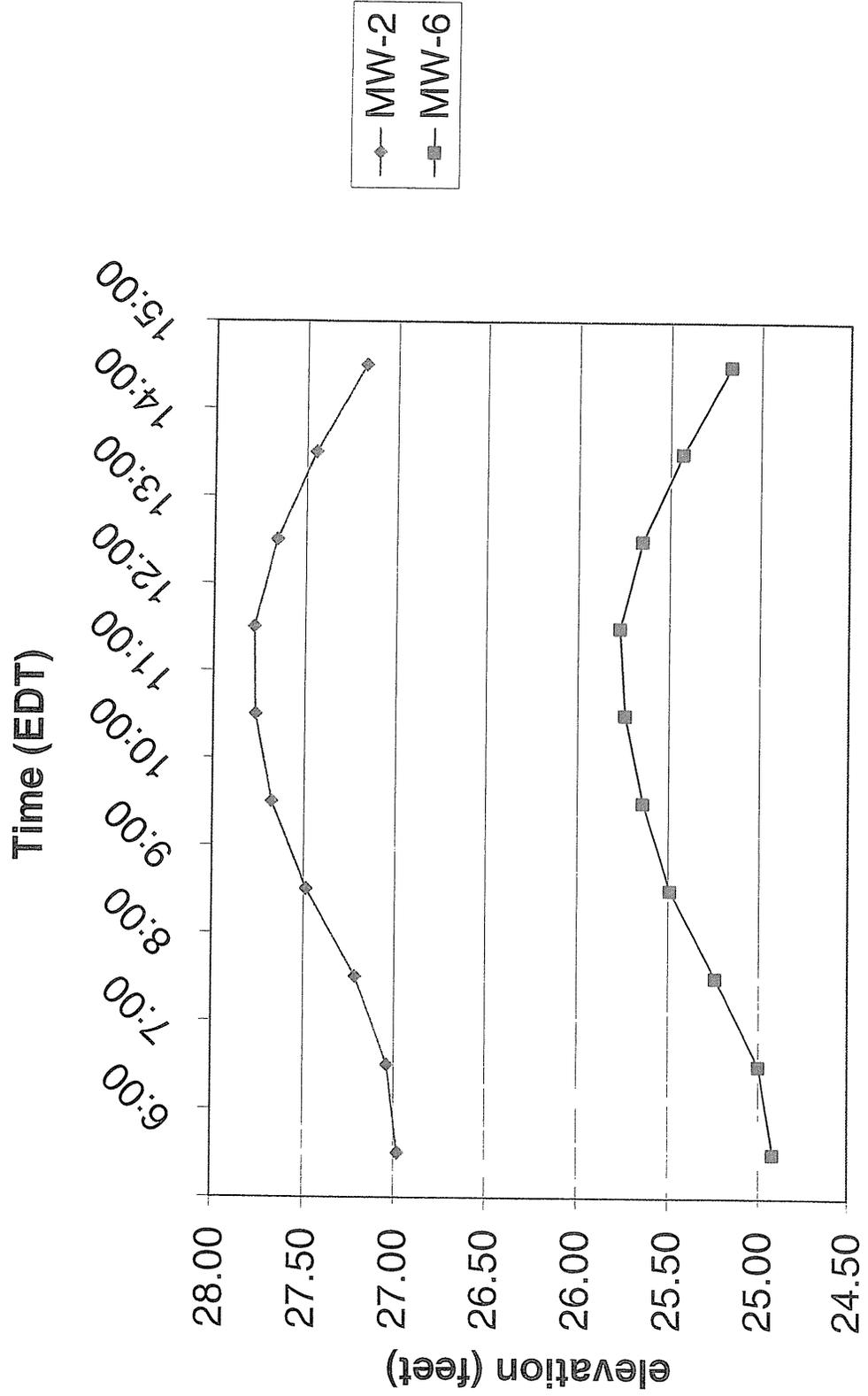
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Project: PEN0001	Designed By: JPR	Figure No: 2
CADD Operator: LLG	Approved By: JPR	Date: 7/13/06

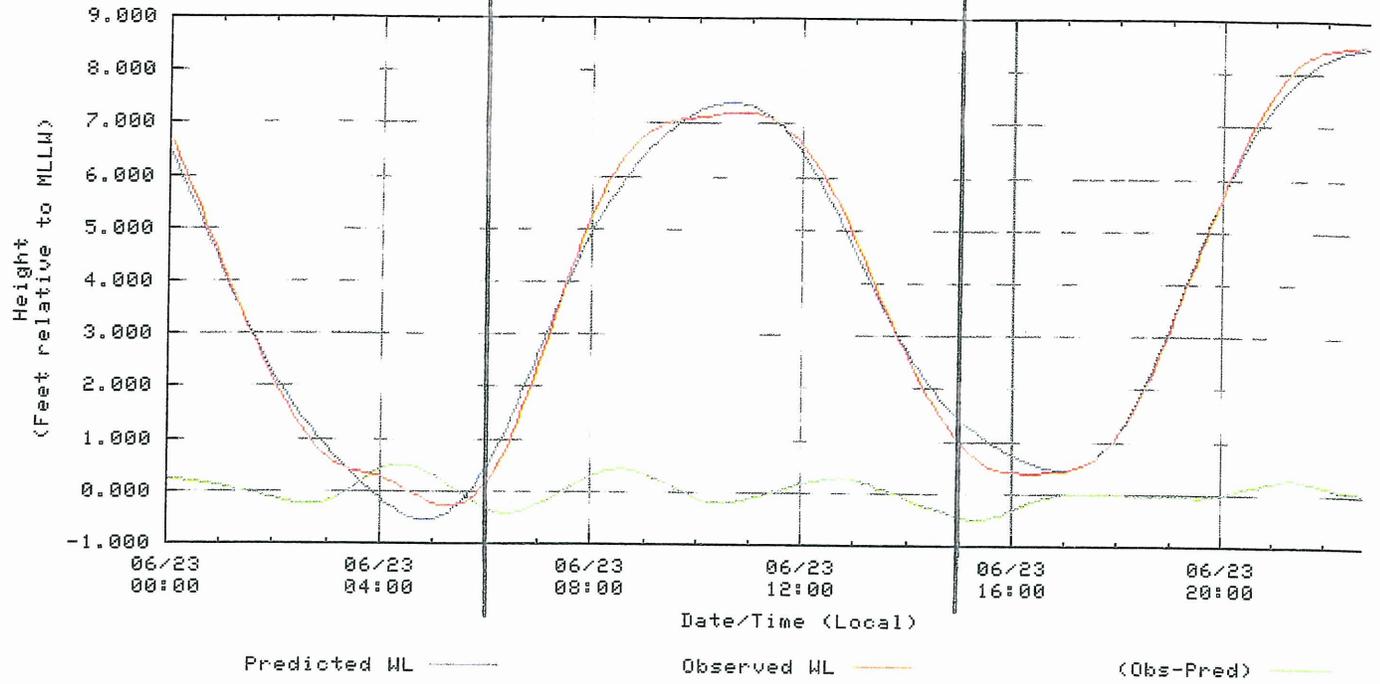
SOURCE: YEC, INC., SURVEY MAP 10, JULY 1992

Figure 3
Groundwater Elevations - June 23, 2006
MW-2 and MW-6
1 Shore Road, Glenwood Landing, New York



APPENDIX A

NOAA/NOS/CO-OPS
Preliminary Water Level (A1) vs. Predicted Plot
8516945 Kings Point, NY
from 2006/06/23 - 2006/06/23



APPENDIX B

GPR
MAGNETICS
ELECTROMAGNETICS
SEISMICS
RESISTIVITY
UTILITY LOCATION
UXO DETECTION
BOREHOLE CAMERA
STAFF SUPPORT

July 24, 2006

Mr. John Eichler
P.W. Grosser Consulting, Inc.
630 Johnson Avenue, Suite 7
Bohemia, NY 11716-2618
631.589.6353(p)
631.589.8705(f)

Dear Mr. Eichler:

This letter is written to inform you of the results of a geophysical investigation that NAEVA Geophysics conducted on June 23, 2006, at a property located at 1 Shore Road in Glenwood Landing, New York. The purpose of the investigation was to search for a buried sanitary sewer line that runs through the parking lot and into a drywell and any other buried structures that were in the area of investigation. The area of investigation was approximately 16,500 square feet in area. The cover material was mostly asphalt.

The equipment selected for this investigation included a Fisher TW-6 Pipe and Cable Locator (a type of hand-held electromagnetic metal-detector), a Sensors & Software Smart Cart ground penetrating radar (GPR) with a 250 MHz antenna, and utility locating instruments.

The TW-6 metal detector was carried over the site in a series of closely spaced parallel traverses to look for evidence of buried metallic features. The TW-6 could not be used in close proximity to above ground metallic objects such as chain linked fencing. Metal-detector anomalies (MDAs) were marked on the ground and further investigated using GPR. The sewer line was found by connecting the transmitter of a utility locating instrument to the sewer vent. A receiver was used to trace the signal.

Sixteen MDAs of varying sizes were identified within the area of investigation (See Figure 1: Area of Geophysical Investigation). The GPR depth profiles collected over these anomalies provided no conclusive evidence as to their sources. GPR showed that anomalies 2 and 4 were 4 feet deep while anomaly number 6 was believed to be 3 feet deep.

NAEVA was able to trace the sewer line on the upper parking lot for approximately 45 feet. The sewer line runs south and appears to heading in the direction of MDA number 7, which we believe to be a buried manhole cover due to its circular shape and its shallow depth as determined by GPR.

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Baltimore
Maryland 21227
(410) 536-7600
(410) 536-7602 Fax

NEW YORK
50 N. Harrison Avenue
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Congers
New York 10920
(845) 268-1800
(845) 268-1802 Fax

VIRGINIA
P.O. Box 7325
Charlottesville
Virginia 22906
(434) 978-3187
(434) 973-9791 Fax

Please note that a comprehensive utility mark-out was not performed as part of this investigation as we did not have access to the interiors of the building. We recommend that you mark any proposed excavations on the ground and notify the regional “one-call” center prior to breaking ground at this site.

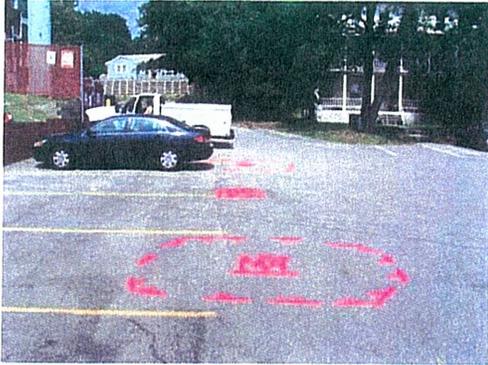


Figure 2: MDA's 2, 3, and 4 (from front to back) located on lower parking lot.



Figure 3: Large MDA (10) found on upper parking lot. Sewer line visible to the left of MDA (10).



Figure 4: Small MDA (13) located in South-East corner of upper parking lot.



Figure 5: MDA's 5 and 6 (front to back) located in center of lower parking lot.

Thank you for giving us the opportunity to work with you on this project. Please call me if you have any questions or require additional information. We look forward to providing subsurface locating services to you in the future.

Sincerely,

Preston J. Berry

Preston J. Berry
Project Manager
NAEVA Geophysics, Inc.



50 N. Hamiton Avenue, Suite 11
 Congers, NY, 10920
 (845) 886-1188
 (845) 886-1024 FAX

NAVA GEOPHYSICAL, INC.
 Subsurface Geophysical Services

Figure 1: Area of Geophysical Investigation
 at a parking lot located at
 1 Shore Road in Glenwood Landing, New York

Client	PW Grosser	Date of Work	June 21, 2006
Project No.	C0606231B	Map By	Preston J. Berry

ALL UNDERGROUND FACILITIES MAY NOT BE DEPICTED ON THIS MAP

APPENDIX C
Laboratory Data

Friday, September 01, 2006

Jim Rhodes
P.W. Grosser Consulting
630 Johnson Avenue
Suite 7
Bohemia, NY 11716

TEL: (631) 589-6353
FAX (631) 589-8705

RE: PEN-Glenwood Landing

Dear Jim Rhodes:

Order No.: 0608273

American Analytical Laboratories, LLC. received 5 sample(s) on 8/24/2006 for the analyses presented in the following report.

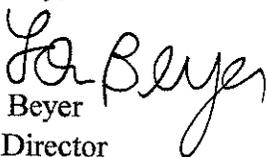
Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,


Lori Beyer
Lab Director

CLIENT: P.W. Grosser Consulting
Project: PEN-Glenwood Landing
Lab Order: 0608273

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Date Collected	Date Received
0608273-01A	DW-8	10005	8/24/2006 11:25:00 AM	8/24/2006
0608273-02A	DW-10	10005	8/24/2006 12:50:00 PM	8/24/2006
0608273-03A	MDA-10	10005	8/24/2006 10:30:00 AM	8/24/2006
0608273-04A	Trip Blank	10005	8/24/2006	8/24/2006
0608273-05A	Field Blank	10005	8/24/2006 11:10:00 AM	8/24/2006

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET

FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The flag is used: <ol style="list-style-type: none">(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)(2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
H	Indicates sample was received and/or analyzed outside of The method allowable holding time

American Analytical Laboratories, LLC.

Date: 01-Sep-06

CLIENT:	P.W. Grosser Consulting	Client Sample ID:	DW-8
Lab Order:	0608273	Tag Number:	10005
Project:	PEN-Glenwood Landing	Collection Date:	8/24/2006 11:25:00 AM
Lab ID:	0608273-01A	Matrix:	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		SW7471B		Analyst: WN		
Mercury	0.174	0.0114		mg/Kg-dry	1	8/29/2006 3:34:17 PM
PERCENT MOISTURE		D2216		Analyst: PA		
Percent Moisture	16.9	0		wt%	1	8/28/2006
NCDH METALS		SW6010B		Analyst: JP		
Arsenic	3.42	0.592		mg/Kg-dry	1	8/29/2006 10:53:25 AM
Barium	35.9	0.474		mg/Kg-dry	1	8/29/2006 10:53:25 AM
Cadmium	0.651	0.237		mg/Kg-dry	1	8/29/2006 10:53:25 AM
Chromium	10.5	0.474		mg/Kg-dry	1	8/29/2006 10:53:25 AM
Lead	94.3	0.355		mg/Kg-dry	1	8/29/2006 10:53:25 AM
Selenium	U	0.592		mg/Kg-dry	1	8/29/2006 10:53:25 AM
Silver	U	0.474		mg/Kg-dry	1	8/29/2006 10:53:25 AM
SEMIVOLATILE SW-846 METHOD 8270		SW8270D	SW3550A	Analyst: RN		
1,2,4-Trichlorobenzene	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
1,2-Dichlorobenzene	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
1,3-Dichlorobenzene	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
1,4-Dichlorobenzene	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
2,4,5-Trichlorophenol	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
2,4,6-Trichlorophenol	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
2,4-Dichlorophenol	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
2,4-Dimethylphenol	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
2,4-Dinitrophenol	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
2,4-Dinitrotoluene	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
2,6-Dinitrotoluene	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
2-Chloronaphthalene	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
2-Chlorophenol	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
2-Methylnaphthalene	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
2-Methylphenol	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
2-Nitroaniline	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
2-Nitrophenol	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
3,3'-Dichlorobenzidine	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
3+4-Methylphenol	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
3-Nitroaniline	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
4,6-Dinitro-2-methylphenol	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
4-Bromophenyl phenyl ether	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
4-Chloro-3-methylphenol	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
4-Chloroaniline	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
4-Chlorophenyl phenyl ether	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
4-Nitroaniline	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
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American Analytical Laboratories, LLC.

Date: 01-Sep-06

CLIENT: P.W. Grosser Consulting
Lab Order: 0608273
Project: PEN-Glenwood Landing
Lab ID: 0608273-01A

Client Sample ID: DW-8
Tag Number: 10005
Collection Date: 8/24/2006 11:25:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		SW8270D		SW3550A		Analyst: RN
4-Nitrophenol	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Acenaphthene	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Acenaphthylene	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Aniline	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Anthracene	76	140	J	µg/Kg-dry	1	8/29/2006 11:52:00 PM
Azobenzene	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Benzidine	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Benzo(a)anthracene	180	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Benzo(a)pyrene	210	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Benzo(b)fluoranthene	250	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Benzo(g,h,i)perylene	130	140	J	µg/Kg-dry	1	8/29/2006 11:52:00 PM
Benzo(k)fluoranthene	87	140	J	µg/Kg-dry	1	8/29/2006 11:52:00 PM
Benzoic acid	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Benzyl alcohol	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Bis(2-chloroethoxy)methane	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Bis(2-chloroethyl)ether	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Bis(2-chloroisopropyl)ether	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Bis(2-ethylhexyl)phthalate	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Butyl benzyl phthalate	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Carbazole	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Chrysene	200	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Dibenzo(a,h)anthracene	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Dibenzofuran	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Diethyl phthalate	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Dimethyl phthalate	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Di-n-butyl phthalate	110	140	J	µg/Kg-dry	1	8/29/2006 11:52:00 PM
Di-n-octyl phthalate	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Fluoranthene	390	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Fluorene	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Hexachlorobenzene	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Hexachlorobutadiene	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Hexachlorocyclopentadiene	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Hexachloroethane	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Indeno(1,2,3-c,d)pyrene	120	140	J	µg/Kg-dry	1	8/29/2006 11:52:00 PM
Isophorone	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Naphthalene	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Nitrobenzene	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
N-Nitrosodimethylamine	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
N-Nitrosodi-n-propylamine	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 01-Sep-06

CLIENT: P.W. Grosser Consulting
Lab Order: 0608273
Project: PEN-Glenwood Landing
Lab ID: 0608273-01A

Client Sample ID: DW-8
Tag Number: 10005
Collection Date: 8/24/2006 11:25:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		SW8270D		SW3550A		Analyst: RN
N-Nitrosodiphenylamine	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Pentachlorophenol	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Phenanthrene	280	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Phenol	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Pyrene	430	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
Pyridine	U	140		µg/Kg-dry	1	8/29/2006 11:52:00 PM
VOLATILE SW-846 METHOD 8260		SW8260B		SW5030A		Analyst: LDS
1,1,1,2-Tetrachloroethane	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
1,1,1-Trichloroethane	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
1,1,2,2-Tetrachloroethane	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
1,1,2-Trichloroethane	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
1,1-Dichloroethane	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
1,1-Dichloroethene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
1,1-Dichloropropene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
1,2,3-Trichlorobenzene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
1,2,3-Trichloropropane	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
1,2,4,5-Tetramethylbenzene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
1,2,4-Trichlorobenzene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
1,2,4-Trimethylbenzene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
1,2-Dibromo-3-chloropropane	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
1,2-Dibromoethane	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
1,2-Dichlorobenzene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
1,2-Dichloroethane	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
1,2-Dichloropropane	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
1,3,5-Trimethylbenzene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
1,3-Dichlorobenzene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
1,3-dichloropropane	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
1,4-Dichlorobenzene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
2,2-Dichloropropane	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
2-Butanone	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
2-Chloroethyl vinyl ether	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
2-Chlorotoluene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
2-Hexanone	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
2-Propanol	U	62		µg/Kg-dry	1	8/29/2006 8:09:00 AM
4-Chlorotoluene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
4-Isopropyltoluene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
4-Methyl-2-pentanone	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Acetone	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
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American Analytical Laboratories, LLC.

Date: 01-Sep-06

CLIENT: P.W. Grosser Consulting
Lab Order: 0608273
Project: PEN-Glenwood Landing
Lab ID: 0608273-01A

Client Sample ID: DW-8
Tag Number: 10005
Collection Date: 8/24/2006 11:25:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B		SW5030A		Analyst: LDS
Acrolein	U	31		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Acrylonitrile	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Benzene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Bromobenzene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Bromochloromethane	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Bromodichloromethane	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Bromoform	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Bromomethane	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Carbon disulfide	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Carbon tetrachloride	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Chlorobenzene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Chlorodifluoromethane	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Chloroethane	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Chloroform	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Chloromethane	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
cis-1,2-Dichloroethene	7.7	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
cis-1,3-Dichloropropene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Dibromochloromethane	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Dibromomethane	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Dichlorodifluoromethane	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Diisopropyl ether	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Ethanol	U	31		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Ethyl acetate	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Ethylbenzene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Freon-114	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Hexachlorobutadiene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Isopropyl acetate	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Isopropylbenzene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
m,p-Xylene	U	12		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Methyl tert-butyl ether	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Methylene chloride	37	6.2	B	µg/Kg-dry	1	8/29/2006 8:09:00 AM
n-Amyl acetate	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Naphthalene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
n-Butyl acetate	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
n-Butylbenzene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
n-Propyl acetate	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
n-Propylbenzene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
o-Xylene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
p-Diethylbenzene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
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American Analytical Laboratories, LLC.

Date: 01-Sep-06

CLIENT: P.W. Grosser Consulting
Lab Order: 0608273
Project: PEN-Glenwood Landing
Lab ID: 0608273-01A

Client Sample ID: DW-8
Tag Number: 10005
Collection Date: 8/24/2006 11:25:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B		SW5030A		Analyst: LDS
p-Ethyltoluene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
sec-Butylbenzene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Styrene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
t-Butyl alcohol	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
tert-Butylbenzene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Tetrachloroethene	52	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Toluene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
trans-1,2-Dichloroethene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
trans-1,3-Dichloropropene	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Trichloroethene	11	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Trichlorofluoromethane	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Vinyl acetate	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM
Vinyl chloride	U	6.2		µg/Kg-dry	1	8/29/2006 8:09:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 01-Sep-06

CLIENT:	P.W. Grosser Consulting	Client Sample ID:	DW-10
Lab Order:	0608273	Tag Number:	10005
Project:	PEN-Glenwood Landing	Collection Date:	8/24/2006 12:50:00 PM
Lab ID:	0608273-02A	Matrix:	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		SW7471B	SW7471B			Analyst: WN
Mercury	0.0664	0.0112		mg/Kg-dry	1	8/29/2006 3:36:25 PM
PERCENT MOISTURE		D2216				Analyst: PA
Percent Moisture	20.7	0		wt%	1	8/28/2006
NCDH METALS		SW6010B	SW3050A			Analyst: JP
Arsenic	1.06	0.621		mg/Kg-dry	1	8/29/2006 10:56:07 AM
Barium	7.32	0.497		mg/Kg-dry	1	8/29/2006 10:56:07 AM
Cadmium	0.643	0.248		mg/Kg-dry	1	8/29/2006 10:56:07 AM
Chromium	5.96	0.497		mg/Kg-dry	1	8/29/2006 10:56:07 AM
Lead	62.4	0.373		mg/Kg-dry	1	8/29/2006 10:56:07 AM
Selenium	0.664	0.621		mg/Kg-dry	1	8/29/2006 10:56:07 AM
Silver	U	0.497		mg/Kg-dry	1	8/29/2006 10:56:07 AM
SEMIVOLATILE SW-846 METHOD 8270		SW8270D	SW3550A			Analyst: RN
1,2,4-Trichlorobenzene	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
1,2-Dichlorobenzene	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
1,3-Dichlorobenzene	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
1,4-Dichlorobenzene	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
2,4,5-Trichlorophenol	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
2,4,6-Trichlorophenol	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
2,4-Dichlorophenol	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
2,4-Dimethylphenol	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
2,4-Dinitrophenol	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
2,4-Dinitrotoluene	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
2,6-Dinitrotoluene	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
2-Chloronaphthalene	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
2-Chlorophenol	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
2-Methylnaphthalene	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
2-Methylphenol	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
2-Nitroaniline	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
2-Nitrophenol	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
3,3'-Dichlorobenzidine	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
3+4-Methylphenol	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
3-Nitroaniline	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
4,6-Dinitro-2-methylphenol	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
4-Bromophenyl phenyl ether	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
4-Chloro-3-methylphenol	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
4-Chloroaniline	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
4-Chlorophenyl phenyl ether	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
4-Nitroaniline	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 01-Sep-06

CLIENT: P.W. Grosser Consulting
Lab Order: 0608273
Project: PEN-Glenwood Landing
Lab ID: 0608273-02A

Client Sample ID: DW-10
Tag Number: 10005
Collection Date: 8/24/2006 12:50:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270				SW8270D		SW3550A
						Analyst: RN
4-Nitrophenol	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Acenaphthene	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Acenaphthylene	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Aniline	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Anthracene	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Azobenzene	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Benzidine	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Benzo(a)anthracene	190	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Benzo(a)pyrene	180	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Benzo(b)fluoranthene	250	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Benzo(g,h,i)perylene	120	150	J	µg/Kg-dry	1	8/30/2006 12:17:00 AM
Benzo(k)fluoranthene	99	150	J	µg/Kg-dry	1	8/30/2006 12:17:00 AM
Benzoic acid	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Benzyl alcohol	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Bis(2-chloroethoxy)methane	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Bis(2-chloroethyl)ether	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Bis(2-chloroisopropyl)ether	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Bis(2-ethylhexyl)phthalate	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Butyl benzyl phthalate	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Carbazole	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Chrysene	230	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Dibenzo(a,h)anthracene	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Dibenzofuran	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Diethyl phthalate	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Dimethyl phthalate	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Di-n-butyl phthalate	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Di-n-octyl phthalate	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Fluoranthene	500	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Fluorene	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Hexachlorobenzene	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Hexachlorobutadiene	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Hexachlorocyclopentadiene	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Hexachloroethane	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Indeno(1,2,3-c,d)pyrene	120	150	J	µg/Kg-dry	1	8/30/2006 12:17:00 AM
Isophorone	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Naphthalene	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Nitrobenzene	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
N-Nitrosodimethylamine	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
N-Nitrosodi-n-propylamine	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 01-Sep-06

CLIENT: P.W. Grosser Consulting
Lab Order: 0608273
Project: PEN-Glenwood Landing
Lab ID: 0608273-02A

Client Sample ID: DW-10
Tag Number: 10005
Collection Date: 8/24/2006 12:50:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		SW8270D		SW3550A		Analyst: RN
N-Nitrosodiphenylamine	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Pentachlorophenol	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Phenanthrene	340	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Phenol	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Pyrene	480	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
Pyridine	U	150		µg/Kg-dry	1	8/30/2006 12:17:00 AM
VOLATILE SW-846 METHOD 8260		SW8260B		SW5030A		Analyst: LDS
1,1,1,2-Tetrachloroethane	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
1,1,1-Trichloroethane	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
1,1,2,2-Tetrachloroethane	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
1,1,2-Trichloroethane	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
1,1-Dichloroethane	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
1,1-Dichloroethene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
1,1-Dichloropropene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
1,2,3-Trichlorobenzene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
1,2,3-Trichloropropane	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
1,2,4,5-Tetramethylbenzene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
1,2,4-Trichlorobenzene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
1,2,4-Trimethylbenzene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
1,2-Dibromo-3-chloropropane	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
1,2-Dibromoethane	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
1,2-Dichlorobenzene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
1,2-Dichloroethane	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
1,2-Dichloropropane	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
1,3,5-Trimethylbenzene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
1,3-Dichlorobenzene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
1,3-dichloropropane	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
1,4-Dichlorobenzene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
2,2-Dichloropropane	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
2-Butanone	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
2-Chloroethyl vinyl ether	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
2-Chlorotoluene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
2-Hexanone	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
2-Propanol	U	64		µg/Kg-dry	1	8/29/2006 8:46:00 AM
4-Chlorotoluene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
4-Isopropyltoluene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
4-Methyl-2-pentanone	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Acetone	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 01-Sep-06

CLIENT: P.W. Grosser Consulting
Lab Order: 0608273
Project: PEN-Glenwood Landing
Lab ID: 0608273-02A

Client Sample ID: DW-10
Tag Number: 10005
Collection Date: 8/24/2006 12:50:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260				SW8260B	SW5030A	Analyst: LDS
Acrolein	U	32		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Acrylonitrile	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Benzene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Bromobenzene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Bromochloromethane	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Bromodichloromethane	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Bromoform	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Bromomethane	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Carbon disulfide	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Carbon tetrachloride	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Chlorobenzene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Chlorodifluoromethane	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Chloroethane	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Chloroform	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Chloromethane	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
cis-1,2-Dichloroethene	67	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
cis-1,3-Dichloropropene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Dibromochloromethane	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Dibromomethane	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Dichlorodifluoromethane	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Diisopropyl ether	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Ethanol	U	32		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Ethyl acetate	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Ethylbenzene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Freon-114	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Hexachlorobutadiene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Isopropyl acetate	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Isopropylbenzene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
m,p-Xylene	U	13		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Methyl tert-butyl ether	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Methylene chloride	26	6.4	B	µg/Kg-dry	1	8/29/2006 8:46:00 AM
n-Amyl acetate	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Naphthalene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
n-Butyl acetate	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
n-Butylbenzene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
n-Propyl acetate	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
n-Propylbenzene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
o-Xylene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
p-Diethylbenzene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 01-Sep-06

CLIENT: P.W. Grosser Consulting
Lab Order: 0608273
Project: PEN-Glenwood Landing
Lab ID: 0608273-02A

Client Sample ID: DW-10
Tag Number: 10005
Collection Date: 8/24/2006 12:50:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B		SW5030A		Analyst: LDS
p-Ethyltoluene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
sec-Butylbenzene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Styrene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
t-Butyl alcohol	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
tert-Butylbenzene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Tetrachloroethene	240	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Toluene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
trans-1,2-Dichloroethene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
trans-1,3-Dichloropropene	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Trichloroethene	34	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Trichlorofluoromethane	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Vinyl acetate	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM
Vinyl chloride	U	6.4		µg/Kg-dry	1	8/29/2006 8:46:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 01-Sep-06

CLIENT: P.W. Grosser Consulting
Lab Order: 0608273
Project: PEN-Glenwood Landing
Lab ID: 0608273-03A

Client Sample ID: MDA-10
Tag Number: 10005
Collection Date: 8/24/2006 10:30:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B		SW5030A		Analyst: LDS
Bromodichloromethane	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
Bromoform	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
Bromomethane	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
Carbon disulfide	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
Carbon tetrachloride	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
Chlorobenzene	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
Chlorodifluoromethane	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
Chloroethane	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
Chloroform	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
Chloromethane	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
cis-1,2-Dichloroethene	920	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
cis-1,3-Dichloropropene	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
Dibromochloromethane	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
Dibromomethane	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
Dichlorodifluoromethane	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
Diisopropyl ether	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
Ethanol	U	32		µg/Kg-dry	1	8/29/2006 9:23:00 AM
Ethyl acetate	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
Ethylbenzene	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
Freon-114	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
Hexachlorobutadiene	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
Isopropyl acetate	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
Isopropylbenzene	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
m,p-Xylene	U	13		µg/Kg-dry	1	8/29/2006 9:23:00 AM
Methyl tert-butyl ether	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
Methylene chloride	21	6.5	B	µg/Kg-dry	1	8/29/2006 9:23:00 AM
n-Amyl acetate	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
Naphthalene	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
n-Butyl acetate	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
n-Butylbenzene	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
n-Propyl acetate	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
n-Propylbenzene	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
o-Xylene	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
p-Diethylbenzene	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
p-Ethyltoluene	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
sec-Butylbenzene	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
Styrene	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
t-Butyl alcohol	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
tert-Butylbenzene	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
U Indicates the compound was analyzed for but not detected

E Value above quantitation range
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits
X Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 01-Sep-06

CLIENT: P.W. Grosser Consulting
Lab Order: 0608273
Project: PEN-Glenwood Landing
Lab ID: 0608273-03A

Client Sample ID: MDA-10
Tag Number: 10005
Collection Date: 8/24/2006 10:30:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B		SW5030A		Analyst: LDS
Tetrachloroethene	410	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
Toluene	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
trans-1,2-Dichloroethene	55	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
trans-1,3-Dichloropropene	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
Trichloroethene	56	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
Trichlorofluoromethane	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
Vinyl acetate	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM
Vinyl chloride	U	6.5		µg/Kg-dry	1	8/29/2006 9:23:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 01-Sep-06

CLIENT: P.W. Grosser Consulting
Lab Order: 0608273
Project: PEN-Glenwood Landing
Lab ID: 0608273-04A

Client Sample ID: Trip Blank
Tag Number: 10005
Collection Date: 8/24/2006
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B		SW5030A		Analyst: LDS
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
1,1,1-Trichloroethane	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
1,1,2-Trichloroethane	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
1,1-Dichloroethane	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
1,1-Dichloroethene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
1,1-Dichloropropene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
1,2,3-Trichloropropane	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
1,2,4,5-Tetramethylbenzene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
1,2-Dibromoethane	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
1,2-Dichlorobenzene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
1,2-Dichloroethane	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
1,2-Dichloropropane	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
1,3-Dichlorobenzene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
1,3-dichloropropane	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
1,4-Dichlorobenzene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
2,2-Dichloropropane	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
2-Butanone	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
2-Chlorotoluene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
2-Hexanone	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
2-Propanol	U	50		µg/L	1	8/29/2006 6:16:00 AM
4-Chlorotoluene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
4-Isopropyltoluene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
4-Methyl-2-pentanone	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Acetone	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Acrolein	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Acrylonitrile	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Benzene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Bromobenzene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Bromochloromethane	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Bromodichloromethane	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Bromoform	U	1.0		µg/L	1	8/29/2006 6:16:00 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 01-Sep-06

CLIENT: P.W. Grosser Consulting
Lab Order: 0608273
Project: PEN-Glenwood Landing
Lab ID: 0608273-04A

Client Sample ID: Trip Blank
Tag Number: 10005
Collection Date: 8/24/2006
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260						
		SW8260B		SW5030A		Analyst: LDS
Bromomethane	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Carbon disulfide	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Carbon tetrachloride	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Chlorobenzene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Chlorodifluoromethane	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Chloroethane	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Chloroform	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Chloromethane	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Dibromochloromethane	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Dibromomethane	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Dichlorodifluoromethane	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Diisopropyl ether	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Ethanol	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Ethyl acetate	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Ethylbenzene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Freon-114	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Hexachlorobutadiene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Isopropyl acetate	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Isopropylbenzene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
m,p-Xylene	U	2.0		µg/L	1	8/29/2006 6:16:00 AM
Methyl tert-butyl ether	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Methylene chloride	16	1.0	B	µg/L	1	8/29/2006 6:16:00 AM
n-Amyl acetate	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Naphthalene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
n-Butyl acetate	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
n-Butylbenzene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
n-Propyl acetate	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
n-Propylbenzene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
o-Xylene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
p-Diethylbenzene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
p-Ethyltoluene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
sec-Butylbenzene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Styrene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
t-Butyl alcohol	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
tert-Butylbenzene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Tetrachloroethene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Toluene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit S Spike Recovery outside accepted recovery limits
U Indicates the compound was analyzed for but not detected X Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 01-Sep-06

CLIENT: P.W. Grosser Consulting
Lab Order: 0608273
Project: PEN-Glenwood Landing
Lab ID: 0608273-04A

Client Sample ID: Trip Blank
Tag Number: 10005
Collection Date: 8/24/2006
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260						Analyst: LDS
trans-1,2-Dichloroethene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Trichloroethene	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Trichlorofluoromethane	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Vinyl acetate	U	1.0		µg/L	1	8/29/2006 6:16:00 AM
Vinyl chloride	U	1.0		µg/L	1	8/29/2006 6:16:00 AM

Qualifiers:			
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 01-Sep-06

CLIENT: P.W. Grosser Consulting
Lab Order: 0608273
Project: PEN-Glenwood Landing
Lab ID: 0608273-05A

Client Sample ID: Field Blank
Tag Number: 10005
Collection Date: 8/24/2006 11:10:00 AM
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260						
		SW8260B		SW5030A		Analyst: LDS
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
1,1,1-Trichloroethane	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
1,1,2-Trichloroethane	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
1,1-Dichloroethane	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
1,1-Dichloroethene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
1,1-Dichloropropene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
1,2,3-Trichloropropane	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
1,2,4,5-Tetramethylbenzene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
1,2-Dibromoethane	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
1,2-Dichlorobenzene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
1,2-Dichloroethane	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
1,2-Dichloropropane	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
1,3-Dichlorobenzene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
1,3-dichloropropane	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
1,4-Dichlorobenzene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
2,2-Dichloropropane	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
2-Butanone	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
2-Chlorotoluene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
2-Hexanone	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
2-Propanol	U	50		µg/L	1	8/29/2006 6:53:00 AM
4-Chlorotoluene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
4-Isopropyltoluene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
4-Methyl-2-pentanone	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Acetone	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Acrolein	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Acrylonitrile	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Benzene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Bromobenzene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Bromochloromethane	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Bromodichloromethane	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Bromoform	U	1.0		µg/L	1	8/29/2006 6:53:00 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit S Spike Recovery outside accepted recovery limits
U Indicates the compound was analyzed for but not detect X Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 01-Sep-06

CLIENT: P.W. Grosser Consulting
Lab Order: 0608273
Project: PEN-Glenwood Landing
Lab ID: 0608273-05A

Client Sample ID: Field Blank
Tag Number: 10005
Collection Date: 8/24/2006 11:10:00 AM
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B		SW5030A		Analyst: LDS
Bromomethane	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Carbon disulfide	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Carbon tetrachloride	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Chlorobenzene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Chlorodifluoromethane	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Chloroethane	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Chloroform	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Chloromethane	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
cis-1,2-Dichloroethene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Dibromochloromethane	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Dibromomethane	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Dichlorodifluoromethane	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Diisopropyl ether	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Ethanol	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Ethyl acetate	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Ethylbenzene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Freon-114	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Hexachlorobutadiene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Isopropyl acetate	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Isopropylbenzene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
m,p-Xylene	U	2.0		µg/L	1	8/29/2006 6:53:00 AM
Methyl tert-butyl ether	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Methylene chloride	18	1.0	B	µg/L	1	8/29/2006 6:53:00 AM
n-Amyl acetate	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Naphthalene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
n-Butyl acetate	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
n-Butylbenzene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
n-Propyl acetate	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
n-Propylbenzene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
o-Xylene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
p-Diethylbenzene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
p-Ethyltoluene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
sec-Butylbenzene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Styrene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
t-Butyl alcohol	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
tert-Butylbenzene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Tetrachloroethene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Toluene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit S Spike Recovery outside accepted recovery limits
U Indicates the compound was analyzed for but not detected X Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: 01-Sep-06

CLIENT: P.W. Grosser Consulting
Lab Order: 0608273
Project: PEN-Glenwood Landing
Lab ID: 0608273-05A

Client Sample ID: Field Blank
Tag Number: 10005
Collection Date: 8/24/2006 11:10:00 AM
Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B		SW5030A		Analyst: LDS
trans-1,2-Dichloroethene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Trichloroethene	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Trichlorofluoromethane	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Vinyl acetate	U	1.0		µg/L	1	8/29/2006 6:53:00 AM
Vinyl chloride	U	1.0		µg/L	1	8/29/2006 6:53:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detected	X	Value exceeds Maximum Contaminant Level

CLIENT: P.W. Grosser Consulting
 Work Order: 0608273
 Project: PEN-Glenwood Landing
 Test No: SW8260B

QC SUMMARY REPORT
SURROGATE RECOVERIES
VOLATILE SW-846 METHOD 8260

Matrix: W

Sample ID	BR4FBZ	BZMED8	DBFM
0608273-01A	97.2	99.1	134
0608273-02A	96.3	94.5	137
0608273-03A	88.9	88.1	114
0608273-04A	88.5	99.3	124
0608273-05A	130	101	130
LCS082806BY	92.7	96.0	88.2
VBLK082806BY	96.6	96.2	95.7

Acronym	Surrogate	QC Limits
BR4FBZ	= Surr: 4-Bromofluorobenzene	69-134
BZMED8	= Surr: Toluene-d8	71-123
DBFM	= Surr: Dibromofluoromethane	70-135

* Surrogate recovery outside acceptance limits

ANALYTICAL QC SUMMARY REPORT

CLIENT: P. W. Grosser Consulting
Work Order: 0608273
Project: PEN-Glenwood Landing

BatchID: R20119

Sample ID:	VBLK082806BY	SampType:	MBLK	TestCode:	DryFull8260_	Units:	µg/Kg	Prep Date:	RunNo:	20119	
Client ID:	PBS	Batch ID:	R20119	TestNo:	SW8260B			Analysis Date:	SeqNo:	244607	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	U	5.0									
1,1,1-Trichloroethane	U	5.0									
1,1,2,2-Tetrachloroethane	U	5.0									
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.0									
1,1,2-Trichloroethane	U	5.0									
1,1-Dichloroethane	U	5.0									
1,1-Dichloroethene	U	5.0									
1,1-Dichloropropene	U	5.0									
1,2,3-Trichlorobenzene	U	5.0									
1,2,3-Trichloropropane	U	5.0									
1,2,4,5-Tetramethylbenzene	U	5.0									
1,2,4-Trichlorobenzene	U	5.0									
1,2,4-Trimethylbenzene	U	5.0									
1,2-Dibromo-3-chloropropane	U	5.0									
1,2-Dibromoethane	U	5.0									
1,2-Dichlorobenzene	U	5.0									
1,2-Dichloroethane	U	5.0									
1,2-Dichloropropane	U	5.0									
1,3,5-Trimethylbenzene	U	5.0									
1,3-Dichlorobenzene	U	5.0									
1,3-dichloropropane	U	5.0									
1,4-Dichlorobenzene	U	5.0									
2,2-Dichloropropane	U	5.0									
2-Butanone	U	5.0									
2-Chloroethyl vinyl ether	U	5.0									
2-Chlorotoluene	U	5.0									
2-Hexanone	U	5.0									
2-Propanol	U	5.0									
4-Chlorotoluene	U	5.0									
4-Isopropyltoluene	U	5.0									

Qualifiers: E Value above quantitation range
 ND Not Detected at the Reporting Limit
 U Indicates the compound was analyzed for but not detected

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits
 J Analyte detected below quantitation li
 S Spike Recovery outside accepted reco

Page 1 of 9 

CLIENT: P.W. Grosser Consulting
 Work Order: 0608273
 Project: PEN-Glenwood Landing

ANALYTICAL QC SUMMARY REPORT

BatchID: R20119

Sample ID: VBLK082806BY	SampType: MBLK	TestCode: DryFull8260_	Units: µg/Kg	Prep Date:	RunNo: 20119						
Client ID: PBS	Batch ID: R20119	TestNo: SW8260B		Analysis Date: 8/29/2006	SeqNo: 244607						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

4-Methyl-2-pentanone	U	5.0									
Acetone	U	5.0									
Acrolein	U	25									
Acrylonitrile	U	5.0									
Benzene	U	5.0									
Bromobenzene	U	5.0									
Bromochloromethane	U	5.0									
Bromodichloromethane	U	5.0									
Bromoform	U	5.0									
Bromomethane	U	5.0									
Carbon disulfide	U	5.0									
Carbon tetrachloride	U	5.0									
Chlorobenzene	U	5.0									
Chlorodifluoromethane	U	5.0									
Chloroethane	U	5.0									
Chloroform	U	5.0									
Chloromethane	U	5.0									
cis-1,2-Dichloroethene	U	5.0									
cis-1,3-Dichloropropene	U	5.0									
Dibromochloromethane	U	5.0									
Dibromomethane	U	5.0									
Dichlorodifluoromethane	U	5.0									
Diisopropyl ether	U	5.0									
Ethanol	U	25									
Ethyl acetate	U	5.0									
Ethylbenzene	U	5.0									
Freon-114	U	5.0									
Hexachlorobutadiene	U	5.0									
Isopropyl acetate	U	5.0									
Isopropylbenzene	U	5.0									
m,p-Xylene	U	10									

Qualifiers: E Value above quantitation range
 ND Not Detected at the Reporting Limit
 U Indicates the compound was analyzed for but not detected

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits
 J Analyte detected below quantitation li
 S Spike Recovery outside accepted reco

CLIENT: P.W. Grosser Consulting
 Work Order: 0608273
 Project: PEN-Glenwood Landing

ANALYTICAL QC SUMMARY REPORT

BatchID: R20119

Sample ID: VBLK082806BY	SampType: MBLK	TestCode: DryFull8260_	Units: µg/Kg	Prep Date:	RunNo: 20119						
Client ID: PBS	Batch ID: R20119	TestNo: SW8260B		Analysis Date: 8/29/2006	SeqNo: 244607						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Methyl tert-butyl ether	U	5.0									
Methylene chloride	15	5.0									
n-Amyl acetate	U	5.0									
Naphthalene	U	5.0									
n-Butyl acetate	U	5.0									
n-Butylbenzene	U	5.0									
n-Propyl acetate	U	5.0									
n-Propylbenzene	U	5.0									
o-Xylene	U	5.0									
p-Diethylbenzene	U	5.0									
p-Ethyltoluene	U	5.0									
sec-Butylbenzene	U	5.0									
Styrene	U	5.0									
t-Butyl alcohol	U	5.0									
tert-Butylbenzene	U	5.0									
Tetrachloroethene	U	5.0									
Toluene	U	5.0									
trans-1,2-Dichloroethene	U	5.0									
trans-1,3-Dichloropropane	U	5.0									
Trichloroethene	U	5.0									
Trichlorofluoromethane	U	5.0									
Vinyl acetate	U	5.0									
Vinyl chloride	U	5.0									

Sample ID: LCS082806BY	SampType: LCS	TestCode: DryFull8260_	Units: µg/Kg	Prep Date:	RunNo: 20119						
Client ID: LCSS	Batch ID: R20119	TestNo: SW8260B		Analysis Date: 8/28/2006	SeqNo: 244608						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	46	5.0	50.00	0	92.5	42	138				
Benzene	56	5.0	50.00	0	111	45	137				
Chlorobenzene	64	5.0	50.00	0	128	41	143				

Qualifiers: E Value above quantitation range
 ND Not Detected at the Reporting Limit
 U Indicates the compound was analyzed for but not detect

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits
 J Analyte detected below quantitation li
 S Spike Recovery outside accepted reco

CLIENT: P. W. Grosser Consulting
 Work Order: 0608273
 Project: PEN-Glenwood Landing

ANALYTICAL QC SUMMARY REPORT

BatchID: R20119

Sample ID: LCS082806BY	SampType: LCS	TestCode: DryFull8260_	Units: µg/Kg	Prep Date:	RunNo: 20119						
Client ID: LCSS	Batch ID: R20119	TestNo: SW8260B		Analysis Date: 8/28/2006	SeqNo: 244608						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Toluene	59	5.0	50.00	0	118	38	141				
Trichloroethene	48	5.0	50.00	0	95.6	39	136				

Sample ID: VBLK082806BY	SampType: MBLK	TestCode: Full8260_W	Units: µg/L	Prep Date:	RunNo: 20119						
Client ID: PBW	Batch ID: R20119	TestNo: SW8260B		Analysis Date: 8/29/2006	SeqNo: 244603						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1,2-Tetrachloroethane	U	1.0									
1,1,1-Trichloroethane	U	1.0									
1,1,2,2-Tetrachloroethane	U	1.0									
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0									
1,1,2-Trichloroethane	U	1.0									
1,1-Dichloroethane	U	1.0									
1,1-Dichloroethene	U	1.0									
1,1-Dichloropropene	U	1.0									
1,2,3-Trichlorobenzene	U	1.0									
1,2,3-Trichloropropane	U	1.0									
1,2,4,5-Tetramethylbenzene	U	1.0									
1,2,4-Trichlorobenzene	U	1.0									
1,2,4-Trimethylbenzene	U	1.0									
1,2-Dibromo-3-chloropropane	U	1.0									
1,2-Dibromoethane	U	1.0									
1,2-Dichlorobenzene	U	1.0									
1,2-Dichloroethane	U	1.0									
1,2-Dichloropropane	U	1.0									
1,3,5-Trimethylbenzene	U	1.0									
1,3-Dichlorobenzene	U	1.0									
1,3-dichloropropane	U	1.0									
1,4-Dichlorobenzene	U	1.0									
2,2-Dichloropropane	U	1.0									
2-Butanone	U	1.0									

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation li
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco
 U Indicates the compound was analyzed for but not detects

ANALYTICAL QC SUMMARY REPORT

CLIENT: P.W. Grosser Consulting
 Work Order: 0608273
 Project: PEN-Glenwood Landing

BatchID: R20119

Sample ID: VBLK082806BY SampType: MBLK TestCode: Full8260_W Units: µg/L Prep Date: RunNo: 20119
 Client ID: PBW Batch ID: R20119 TestNo: SW8260B Analysis Date: 8/29/2006 SeqNo: 244603

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Chloroethyl vinyl ether	U	1.0									
2-Chlorotoluene	U	1.0									
2-Hexanone	U	1.0									
2-Propanol	U	50									
4-Chlorotoluene	U	1.0									
4-Isopropyltoluene	U	1.0									
4-Methyl-2-pentanone	U	1.0									
Acetone	U	1.0									
Acrolein	U	1.0									
Acrylonitrile	U	1.0									
Benzene	U	1.0									
Bromobenzene	U	1.0									
Bromochloromethane	U	1.0									
Bromodichloromethane	U	1.0									
Bromoform	U	1.0									
Bromomethane	U	1.0									
Carbon disulfide	U	1.0									
Carbon tetrachloride	U	1.0									
Chlorobenzene	U	1.0									
Chlorodifluoromethane	U	1.0									
Chloroethane	U	1.0									
Chloroform	U	1.0									
Chloromethane	U	1.0									
cis-1,2-Dichloroethene	U	1.0									
cis-1,3-Dichloropropene	U	1.0									
Dibromochloromethane	U	1.0									
Dibromomethane	U	1.0									
Dichlorodifluoromethane	U	1.0									
Diisopropyl ether	U	1.0									
Ethanol	U	1.0									
Ethyl acetate	U	1.0									

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation li
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco
 U Indicates the compound was analyzed for but not detect

Page 5 of 7

CLIENT: P.W. Grosser Consulting
 Work Order: 0608273
 Project: PEN-Glenwood Landing

ANALYTICAL QC SUMMARY REPORT

BatchID: R20119

Sample ID: VBLK0828068Y	SampType: MBLK	TestCode: Full8260_W	Units: µg/L	Prep Date:	RunNo: 20119						
Client ID: PBW	Batch ID: R20119	TestNo: SW8260B		Analysis Date: 8/29/2006	SeqNo: 244603						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Ethylbenzene	U	1.0									
Freon-114	U	1.0									
Hexachlorobutadiene	U	1.0									
Isopropyl acetate	U	1.0									
Isopropylbenzene	U	1.0									
m,p-Xylene	U	2.0									
Methyl tert-butyl ether	U	1.0									
Methylene chloride	15	1.0									
n-Amyl acetate	U	1.0									
Naphthalene	U	1.0									
n-Butyl acetate	U	1.0									
n-Butylbenzene	U	1.0									
n-Propyl acetate	U	1.0									
n-Propylbenzene	U	1.0									
o-Xylene	U	1.0									
p-Diethylbenzene	U	1.0									
p-Ethyltoluene	U	1.0									
sec-Butylbenzene	U	1.0									
Styrene	U	1.0									
t-Butyl alcohol	U	1.0									
tert-Butylbenzene	U	1.0									
Tetrachloroethene	U	1.0									
Toluene	U	1.0									
trans-1,2-Dichloroethene	U	1.0									
trans-1,3-Dichloropropene	U	1.0									
Trichloroethene	U	1.0									
Trichlorofluoromethane	U	1.0									
Vinyl acetate	U	1.0									
Vinyl chloride	U	1.0									

Qualifiers: E Value above quantitation range
 ND Not Detected at the Reporting Limit
 U Indicates the compound was analyzed for but not detect

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits
 J Analyte detected below quantitation li
 S Spike Recovery outside accepted reco

CLIENT: P.W. Grosser Consulting
 Work Order: 0608273
 Project: PEN-Glenwood Landing

ANALYTICAL QC SUMMARY REPORT

BatchID: R20119

Sample ID: LCS082806BY	Sample Type: LCS	TestCode: Full8260_W	Units: µg/L	Prep Date:	RunNo: 20119						
Client ID: LCSW	Batch ID: R20119	TestNo: SW8260B		Analysis Date: 8/28/2006	SeqNo: 244604						
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual

1,1,1,2-Tetrachloroethane	U	1.0	0	0	0						
1,1,1-Trichloroethane	U	1.0	0	0	0						
1,1,2,2-Tetrachloroethane	U	1.0	0	0	0						
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0	0	0	0						
1,1,2-Trichloroethane	U	1.0	0	0	0						
1,1-Dichloroethane	U	1.0	0	0	0						
1,1-Dichloroethene	46	1.0	50.00	0	92.5	51	139				
1,1-Dichloropropene	U	1.0	0	0	0						
1,2,3-Trichlorobenzene	U	1.0	0	0	0						
1,2,3-Trichloropropane	U	1.0	0	0	0						
1,2,4,5-Tetramethylbenzene	U	1.0	0	0	0						
1,2,4-Trichlorobenzene	U	1.0	0	0	0						
1,2,4-Trimethylbenzene	U	1.0	0	0	0						
1,2-Dibromo-3-chloropropane	U	1.0	0	0	0						
1,2-Dibromoethane	U	1.0	0	0	0						
1,2-Dichlorobenzene	U	1.0	0	0	0						
1,2-Dichloroethane	U	1.0	0	0	0						
1,2-Dichloropropane	U	1.0	0	0	0						
1,3,5-Trimethylbenzene	U	1.0	0	0	0						
1,3-Dichlorobenzene	U	1.0	0	0	0						
1,3-dichloropropane	U	1.0	0	0	0						
1,4-Dichlorobenzene	U	1.0	0	0	0						
2,2-Dichloropropane	U	1.0	0	0	0						
2-Butanone	U	1.0	0	0	0						
2-Chloroethyl vinyl ether	U	1.0	0	0	0						
2-Chlorotoluene	U	1.0	0	0	0						
2-Hexanone	U	1.0	0	0	0						
2-Propanol	U	50	0	0	0						
4-Chlorotoluene	U	1.0	0	0	0						
4-Isopropyltoluene	U	1.0	0	0	0						
4-Methyl-2-pentanone	U	1.0	0	0	0						

Qualifiers: E Value above quantitation range
 ND Not Detected at the Reporting Limit
 U Indicates the compound was analyzed for but not detect

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

J Analyte detected below quantitation li
 S Spike Recovery outside accepted reco

CLIENT: P.W. Grosser Consulting
 Work Order: 0608273
 Project: PEN-Glenwood Landing

ANALYTICAL QC SUMMARY REPORT

BatchID: R20119

Sample ID: LCS082806BY	SampType: LCS	TestCode: Full8260_W	Units: µg/L
Client ID: LCSW	Batch ID: R20119	Prep Date:	RunNo: 20119
		Analysis Date: 8/28/2006	SeqNo: 244604

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	U	1.0	0	0	0						
Acrolein	U	1.0	0	0	0						
Acrylonitrile	U	1.0	0	0	0						
Benzene	56	1.0	50.00	0	111	53	135				
Bromobenzene	U	1.0	0	0	0						
Bromochloromethane	U	1.0	0	0	0						
Bromodichloromethane	U	1.0	0	0	0						
Bromoform	U	1.0	0	0	0						
Bromomethane	U	1.0	0	0	0						
Carbon disulfide	U	1.0	0	0	0						
Carbon tetrachloride	U	1.0	0	0	0						
Chlorobenzene	64	1.0	50.00	0	128	58	142				
Chlorodifluoromethane	U	1.0	0	0	0						
Chloroethane	U	1.0	0	0	0						
Chloroform	U	1.0	0	0	0						
Chloromethane	U	1.0	0	0	0						
cis-1,2-Dichloroethene	U	1.0	0	0	0						
cis-1,3-Dichloropropene	U	1.0	0	0	0						
Dibromochloromethane	U	1.0	0	0	0						
Dibromomethane	U	1.0	0	0	0						
Dichlorodifluoromethane	U	1.0	0	0	0						
Diisopropyl ether	U	1.0	0	0	0						
Ethanol	U	1.0	0	0	0						
Ethyl acetate	U	1.0	0	0	0						
Ethylbenzene	U	1.0	0	0	0						
Freon-114	U	1.0	0	0	0						
Hexachlorobutadiene	U	1.0	0	0	0						
Isopropyl acetate	U	1.0	0	0	0						
Isopropylbenzene	U	1.0	0	0	0						
m,p-Xylene	U	2.0	0	0	0						
Methyl tert-butyl ether	U	1.0	0	0	0						

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Qualifiers: E Value above quantitation range
 ND Not Detected at the Reporting Limit
 U Indicates the compound was analyzed for but not detect

J Analyte detected below quantitation li
 S Spike Recovery outside accepted reco

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

CLIENT: P. W. Grosser Consulting
 Work Order: 0608273
 Project: PEN-Glenwood Landing

ANALYTICAL QC SUMMARY REPORT

BatchID: R20119

Sample ID: LCS082806BY	SampType: LCS	TestCode: Full8260_W	Units: µg/L	Prep Date:	RunNo: 20119						
Client ID: LCSW	Batch ID: R20119	TestNo: SW8260B		Analysis Date: 8/28/2006	SeqNo: 244604						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Methylene chloride	19	1.0	0	0	0						B
Naphthalene	U	1.0	0	0	0						
n-Butyl acetate	U	1.0	0	0	0						
n-Butylbenzene	U	1.0	0	0	0						
n-Propyl acetate	U	1.0	0	0	0						
n-Propylbenzene	U	1.0	0	0	0						
o-Xylene	U	1.0	0	0	0						
p-Diethylbenzene	U	1.0	0	0	0						
p-Ethyltoluene	U	1.0	0	0	0						
sec-Butylbenzene	U	1.0	0	0	0						
Styrene	U	1.0	0	0	0						
t-Butyl alcohol	U	1.0	0	0	0						
tert-Butylbenzene	U	1.0	0	0	0						
Tetrachloroethene	U	1.0	0	0	0						
Toluene	59	1.0	50.00	0	118	50	142				
trans-1,2-Dichloroethene	U	1.0	0	0	0						
trans-1,3-Dichloropropene	U	1.0	0	0	0						
Trichloroethene	48	1.0	50.00	0	95.6	53	131				
Trichlorofluoromethane	U	1.0	0	0	0						
Vinyl acetate	U	1.0	0	0	0						
Vinyl chloride	U	1.0	0	0	0						

Qualifiers: E Value above quantitation range
 ND Not Detected at the Reporting Limit
 U Indicates the compound was analyzed for but not detect

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits
 J Analyte detected below quantitation li
 S Spike Recovery outside accepted reco

American Analytical Laboratories, LLC.

Date: 31-Aug-06

CLIENT: P.W. Grosser Consulting
 Work Order: 0608273
 Project: PEN-Glenwood Landing

ANALYTICAL QC SUMMARY REPORT

BatchID: 11897

Sample ID: MB-11897	SampType: MBLK	TestCode: Dry8270_Soil	Units: µg/Kg	Prep Date: 8/27/2006	RunNo: 20070						
Client ID: PBS	Batch ID: 11897	TestNo: SW8270D	SW3550A	Analysis Date: 8/29/2006	SeqNo: 243771						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,2,4-Trichlorobenzene	U	120									
1,2-Dichlorobenzene	U	120									
1,3-Dichlorobenzene	U	120									
1,4-Dichlorobenzene	U	120									
2,4,5-Trichlorophenol	U	120									
2,4,6-Trichlorophenol	U	120									
2,4-Dichlorophenol	U	120									
2,4-Dimethylphenol	U	120									
2,4-Dinitrophenol	U	120									
2,4-Dinitrotoluene	U	120									
2,6-Dinitrotoluene	U	120									
2-Chloronaphthalene	U	120									
2-Chlorophenol	U	120									
2-Methylnaphthalene	U	120									
2-Methylphenol	U	120									
2-Nitroaniline	U	120									
2-Nitrophenol	U	120									
3,3'-Dichlorobenzidine	U	120									
3+4-Methylphenol	U	120									
3-Nitroaniline	U	120									
4,6-Dinitro-2-methylphenol	U	120									
4-Bromophenyl phenyl ether	U	120									
4-Chloro-3-methylphenol	U	120									
4-Chloroaniline	U	120									
4-Chlorophenyl phenyl ether	U	120									
4-Nitroaniline	U	120									
4-Nitrophenol	U	120									
Acenaphthene	U	120									
Acenaphthylene	U	120									
Aniline	U	120									

Qualifiers: E Value above quantitation range
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H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits
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 S Spike Recovery outside accepted reco

CLIENT: P.W. Grosser Consulting
 Work Order: 0608273
 Project: PEN-Glenwood Landing

ANALYTICAL QC SUMMARY REPORT

BatchID: 11897

Sample ID: MB-11897	SampType: MBLK	TestCode: Dry8270_Soil	Units: µg/Kg	Prep Date: 8/27/2006	RunNo: 20070						
Client ID: PBS	Batch ID: 11897	TesNo: SW8270D	SW3550A	Analysis Date: 8/29/2006	SeqNo: 243771						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Anthracene	U	120									
Azobenzene	U	120									
Benizidine	U	120									
Benzo(a)anthracene	U	120									
Benzo(a)pyrene	U	120									
Benzo(b)fluoranthene	U	120									
Benzo(g,h,i)perylene	U	120									
Benzo(k)fluoranthene	U	120									
Benzoic acid	U	120									
Benzyl alcohol	U	120									
Bis(2-chloroethoxy)methane	U	120									
Bis(2-chloroethyl)ether	U	120									
Bis(2-chloroisopropyl)ether	U	120									
Bis(2-ethylhexyl)phthalate	U	120									
Butyl benzyl phthalate	U	120									
Carbazole	U	120									
Chrysene	U	120									
Dibenzo(a,h)anthracene	U	120									
Dibenzofuran	U	120									
Diethyl phthalate	U	120									
Dimethyl phthalate	U	120									
Di-n-butyl phthalate	U	120									
Di-n-octyl phthalate	U	120									
Fluoranthene	U	120									
Fluorene	U	120									
Hexachlorobenzene	U	120									
Hexachlorobutadiene	U	120									
Hexachlorocyclopentadiene	U	120									
Hexachloroethane	U	120									
Indeno(1,2,3-c,d)pyrene	U	120									
Isophorone	U	120									

Qualifiers: E Value above quantitation range
 ND Not Detected at the Reporting Limit
 U Indicates the compound was analyzed for but not detected

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits
 J Analyte detected below quantitation li
 S Spike Recovery outside accepted reco

CLIENT: P.W. Grosser Consulting
 Work Order: 0608273
 Project: PEN-Glenwood Landing

ANALYTICAL QC SUMMARY REPORT

BatchID: 11897

Sample ID: MB-11897	SampType: MBLK	TestCode: Dry8270_Soil	Units: µg/Kg	Prep Date: 8/27/2006	RunNo: 20070						
Client ID: PBS	Batch ID: 11897	TestNo: SW8270D	SW3550A	Analysis Date: 8/29/2006	SeqNo: 243771						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Naphthalene	U	120									
Nitrobenzene	U	120									
N-Nitrosodimethylamine	U	120									
N-Nitrosodi-n-propylamine	U	120									
N-Nitrosodiphenylamine	U	120									
Pentachlorophenol	U	120									
Phenanthrene	U	120									
Phenol	U	120									
Pyrene	U	120									
Pyridine	U	120									

Sample ID: LCS-11897	SampType: LCS	TestCode: Dry8270_Soil	Units: µg/Kg	Prep Date: 8/27/2006	RunNo: 20070						
Client ID: LCSS	Batch ID: 11897	TestNo: SW8270D	SW3550A	Analysis Date: 8/29/2006	SeqNo: 243772						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,2,4-Trichlorobenzene	3000	120	3999	0	75.0	23	122				
1,4-Dichlorobenzene	3200	120	3999	0	79.6	22	124				
2,4-Dinitrotoluene	2300	120	3999	0	58.4	21	119				
2-Chlorophenol	3000	120	3999	0	75.6	23	125				
4-Chloro-3-methylphenol	3100	120	3999	0	77.2	28	121				
4-Nitrophenol	1500	120	3999	0	37.8	15	115				
Acenaphthene	2900	120	3999	0	73.4	24	124				
N-Nitrosodi-n-propylamine	3800	120	3999	0	95.9	25	127				
Pentachlorophenol	850	120	3999	0	21.3	14	112				
Phenol	2300	120	3999	0	58.5	19	125				
Pyrene	3500	120	3999	0	88.3	31	125				

Sample ID: MB-11897	SampType: MBLK	TestCode: Dry8270BN_S	Units: µg/Kg	Prep Date: 8/27/2006	RunNo: 20070						
Client ID: PBS	Batch ID: 11897	TestNo: SW8270D	SW3550A	Analysis Date: 8/29/2006	SeqNo: 243841						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation li
	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
	U	Indicates the compound was analyzed for but not detecte				

CLIENT: P. W. Grosser Consulting
 Work Order: 0608273
 Project: PEN-Glenwood Landing

ANALYTICAL QC SUMMARY REPORT

BatchID: 11897

Sample ID: MB-11897	SampType: MBLK	TestCode: Dry8270BN_S	Units: µg/Kg	Prep Date: 8/27/2006	RunNo: 20070
Client ID: PBS	Batch ID: 11897	TestNo: SW8270D	SW3550A	Analysis Date: 8/29/2006	SeqNo: 243841

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	U	120									
1,2-Dichlorobenzene	U	120									
1,3-Dichlorobenzene	U	120									
1,4-Dichlorobenzene	U	120									
2,4-Dinitrotoluene	U	120									
2,6-Dinitrotoluene	U	120									
2-Chloronaphthalene	U	120									
2-Methylnaphthalene	U	120									
2-Nitroaniline	U	120									
3,3'-Dichlorobenzidine	U	120									
3-Nitroaniline	U	120									
4-Bromophenyl phenyl ether	U	120									
4-Chloroaniline	U	120									
4-Chlorophenyl phenyl ether	U	120									
4-Nitroaniline	U	150									
Acenaphthene	U	120									
Acenaphthylene	U	120									
Aniline	U	120									
Anthracene	U	120									
Azobenzene	U	120									
Benzidine	U	120									
Benzo(a)anthracene	U	120									
Benzo(a)pyrene	U	120									
Benzo(b)fluoranthene	U	120									
Benzo(g,h,i)perylene	U	120									
Benzo(k)fluoranthene	U	120									
Benzyl alcohol	U	120									
Bis(2-chloroethoxy)methane	U	120									
Bis(2-chloroethyl)ether	U	120									
Bis(2-chloroisopropyl)ether	U	120									
Bis(2-ethylhexyl)phthalate	U	120									

Qualifiers: E Value above quantitation range
 NID Not Detected at the Reporting Limit
 U Indicates the compound was analyzed for but not detected

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits
 J Analyte detected below quantitation li
 S Spike Recovery outside accepted reco

CLIENT: P.W. Grosser Consulting
 Work Order: 0608273
 Project: PEN-Glenwood Landing

ANALYTICAL QC SUMMARY REPORT

BatchID: 11897

Sample ID: MB-11897	SampType: MBLK	TestCode: Dry8270BN_S	Units: µg/Kg	Prep Date: 8/27/2006	RunNo: 20070						
Client ID: PBS	Batch ID: 11897	TestNo: SW8270D	SW3550A	Analysis Date: 8/29/2006	SeqNo: 243841						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Butyl benzyl phthalate	U	120									
Carbazole	U	120									
Chrysene	U	120									
Dibenzo(a,h)anthracene	U	120									
Dibenzofuran	U	120									
Diethyl phthalate	U	120									
Dimethyl phthalate	U	120									
Di-n-butyl phthalate	U	120									
Di-n-octyl phthalate	U	120									
Fluoranthene	U	120									
Fluorene	U	120									
Hexachlorobenzene	U	120									
Hexachlorobutadiene	U	120									
Hexachlorocyclopentadiene	U	120									
Hexachloroethane	U	120									
Indeno(1,2,3-c,d)pyrene	U	120									
Isophorone	U	120									
Naphthalene	U	120									
Nitrobenzene	U	120									
N-Nitrosodimethylamine	U	120									
N-Nitrosodi-n-propylamine	U	120									
N-Nitrosodiphenylamine	U	120									
Phenanthrene	U	120									
Pyrene	U	120									
Pyridine	U	120									

Sample ID: LCS-11897	SampType: LCS	TestCode: Dry8270BN_S	Units: µg/Kg	Prep Date: 8/27/2006	RunNo: 20070						
Client ID: LCSS	Batch ID: 11897	TestNo: SW8270D	SW3550A	Analysis Date: 8/29/2006	SeqNo: 243842						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,2,4-Trichlorobenzene	3000	120	3999	0	75.0	23	122				
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Qualifiers: E Value above quantitation range
 ND Not Detected at the Reporting Limit
 U Indicates the compound was analyzed for but not detected

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits
 J Analyte detected below quantitation li
 S Spike Recovery outside accepted reco

CLIENT: P.W. Grosser Consulting
 Work Order: 0608273
 Project: PEN-Glenwood Landing

ANALYTICAL QC SUMMARY REPORT
 BatchID: 11897

Sample ID: LCS-11897	SampType: LCS	TestCode: Dry8270BN_S	Units: µg/Kg	Prep Date: 8/27/2006	RunNo: 20070						
Client ID: LCS	Batch ID: 11897	TestNo: SW8270D	SW3550A	Analysis Date: 8/29/2006	SeqNo: 243842						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	3200	120	3999	0	79.6	22	124				
2,4-Dinitrotoluene	2300	120	3999	0	58.4	21	119				
Acenaphthene	2900	120	3999	0	73.4	24	124				
N-Nitrosodi-n-propylamine	3800	120	3999	0	95.9	25	127				
Pyrene	3500	120	3999	0	88.3	31	125				

Sample ID: 0608210-19A-MS	SampType: MS	TestCode: Dry8270BN_S	Units: µg/Kg-dry	Prep Date: 8/27/2006	RunNo: 20070						
Client ID: ZZZZZZ	Batch ID: 11897	TestNo: SW8270D	SW3550A	Analysis Date: 8/30/2006	SeqNo: 243844						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3300	120	4125	0	79.7	23	122				
1,4-Dichlorobenzene	3400	120	4125	0	82.9	22	124				
2,4-Dinitrotoluene	2500	120	4125	0	61.7	21	119				
Acenaphthene	3400	120	4125	0	82.4	24	124				
N-Nitrosodi-n-propylamine	4300	120	4125	0	104	25	127				
Pyrene	3900	120	4125	0	94.3	31	125				

Sample ID: 0608210-19A-MSD	SampType: MSD	TestCode: Dry8270BN_S	Units: µg/Kg-dry	Prep Date: 8/27/2006	RunNo: 20070						
Client ID: ZZZZZZ	Batch ID: 11897	TestNo: SW8270D	SW3550A	Analysis Date: 8/30/2006	SeqNo: 243845						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3200	120	4125	0	78.7	23	122	3286	1.22	20	
1,4-Dichlorobenzene	3400	120	4125	0	81.5	22	124	3421	1.70	20	
2,4-Dinitrotoluene	2600	120	4125	0	62.2	21	119	2546	0.802	20	
Acenaphthene	3200	120	4125	0	78.6	24	124	3399	4.66	20	
N-Nitrosodi-n-propylamine	4200	120	4125	0	101	25	127	4299	3.19	20	
Pyrene	3800	120	4125	0	91.2	31	125	3891	3.30	20	

Qualifiers: E Value above quantitation range
 ND Not Detected at the Reporting Limit
 U Indicates the compound was analyzed for but not detected
 H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits
 J Analyte detected below quantitation limit
 S Spike Recovery outside accepted reco

CLIENT: P. W. Grosser Consulting
 Work Order: 0608273
 Project: PEN-Glenwood Landing

ANALYTICAL QC SUMMARY REPORT

BatchID: R20053

Sample ID: PBS	SampType: MBLK	TestCode: TAGM_MET_	Units: mg/Kg	Prep Date:	RunNo: 20053
Client ID: PBS	Batch ID: R20053	TestNo: SW6010B		Analysis Date: 8/29/2006	SeqNo: 243065

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	U	0.500									
Barium	U	0.400									
Cadmium	U	0.200									
Chromium	U	0.400									
Lead	U	0.300									
Selenium	U	0.500									
Silver	U	0.400									

Sample ID: LCSS	SampType: LCS	TestCode: TAGM_MET_	Units: mg/Kg	Prep Date:	RunNo: 20053
Client ID: LCSS	Batch ID: R20053	TestNo: SW6010B		Analysis Date: 8/29/2006	SeqNo: 243066

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	40.8	0.500	40.00	0	102	68	125				
Barium	41.3	0.400	40.00	0	103	69	123				
Cadmium	40.7	0.200	40.00	0	102	67	123				
Chromium	41.8	0.400	40.00	0	105	68	124				
Lead	41.5	0.300	40.00	0	104	66	125				
Selenium	41.2	0.500	40.00	0	103	67	124				
Silver	39.6	0.400	40.00	0	99.0	69	121				

Sample ID: 0608214-11A MS	SampType: MS	TestCode: TAGM_MET_	Units: mg/Kg-dry	Prep Date:	RunNo: 20053
Client ID: ZZZZZZ	Batch ID: R20053	TestNo: SW6010B		Analysis Date: 8/29/2006	SeqNo: 243095

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	21.5	0.549	21.95	3.658	81.3	68	125				
Barium	85.9	0.439	21.95	76.02	44.9	69	123				S
Cadmium	18.5	0.220	21.95	0.6971	81.3	67	123				
Chromium	33.2	0.439	21.95	18.30	68.0	68	124				
Lead	74.1	0.329	21.95	65.24	40.6	66	125				S
Selenium	15.3	0.549	21.95	0	69.5	67	124				
Silver	17.6	0.439	21.95	0	80.3	69	121				

Qualifiers: E Value above quantitation range
 ND Not Detected at the Reporting Limit
 U Indicates the compound was analyzed for but not detected
 H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits
 J Analyte detected below quantitation li
 S Spike Recovery outside accepted reco

CLIENT: P.W. Grosser Consulting
 Work Order: 0608273
 Project: PEN-Glenwood Landing

ANALYTICAL QC SUMMARY REPORT

BatchID: R20053

Sample ID: 0608214-11A MSD TestCode: TAGM_MET_... Units: mg/Kg-dry Prep Date: RunNo: 20053
 Client ID: ZZZZZZ Batch ID: R20053 TestNo: SW6010B Analysis Date: 8/29/2006 SeqNo: 243096

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Arsenic	21.9	0.549	21.95	3.658	83.2	68	125	21.50	1.97	20	
Barium	86.3	0.439	21.95	76.02	46.9	69	123	85.87	0.507	20	S
Cadmium	18.6	0.220	21.95	0.6971	81.5	67	123	18.53	0.264	20	
Chromium	33.5	0.439	21.95	18.30	69.4	68	124	33.23	0.893	20	
Lead	74.3	0.329	21.95	65.24	41.3	66	125	74.14	0.228	20	S
Selenium	15.0	0.549	21.95	0	68.3	67	124	15.26	1.74	20	
Silver	17.5	0.439	21.95	0	79.7	69	121	17.62	0.686	20	

Squalifin - Sample matrix interference KSK

Qualifiers: E Value above quantitation range J Analyte detected below quantitation li
 ND Not Detected at the Reporting Limit S Spike Recovery outside accepted reco
 U Indicates the compound was analyzed for but not detect

CLIENT: P.W. Grosser Consulting
 Work Order: 0608273
 Project: PEN-Glenwood Landing

ANALYTICAL QC SUMMARY REPORT

BatchID: R20064

Sample ID: PBS	SampType: MBLK	TestCode: DRYHG_S	Units: mg/Kg	Prep Date:	RunNo: 20064						
Client ID: PBS	Batch ID: R20064	TestNo: SW7471B		Analysis Date: 8/29/2006	SeqNo: 243646						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	U	0.0100									

Sample ID: LCSS	SampType: LCS	TestCode: DRYHG_S	Units: mg/Kg	Prep Date:	RunNo: 20064						
Client ID: LCSS	Batch ID: R20064	TestNo: SW7471B		Analysis Date: 8/29/2006	SeqNo: 243647						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		0.194	0.2000	0	96.8	71.1	126				

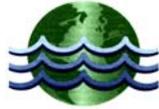
Sample ID: 0608206-06A MS	SampType: MS	TestCode: DRYHG_S	Units: mg/Kg-dry	Prep Date:	RunNo: 20064						
Client ID: ZZZZZZ	Batch ID: R20064	TestNo: SW7471B		Analysis Date: 8/29/2006	SeqNo: 243665						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		0.762	0.3496	0.4942	76.7	71.1	126				

Sample ID: 0608206-06A MSD	SampType: MSD	TestCode: DRYHG_S	Units: mg/Kg-dry	Prep Date:	RunNo: 20064						
Client ID: ZZZZZZ	Batch ID: R20064	TestNo: SW7471B		Analysis Date: 8/29/2006	SeqNo: 243666						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		0.775	0.3496	0.4942	80.5	71.1	126	0.7623	1.71		20

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation li
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco
 U Indicates the compound was analyzed for but not detect

APPENDIX D
Soil Boring Logs

BORING REPORT



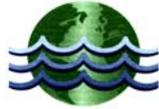
P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia, New York 11716

SHEET 1 OF 1

DATE STARTED: August 28, 2006		DATE FINISHED: August 28, 2006		BORING NUMBER: SB-1					
CLIENT: Realty Management				PROJECT NUMBER: PEN 0001					
PROJECT NAME & LOCATION: Subsurface Investigation - 1 Shore Road, Glenwood Landing, New York				PREPARED BY: John Eichler					
DRILLING CONTRACTOR: Associated Environmental, Inc.		LOGGED BY: John Eichler		DRILLER: John Schretzmeier					
EQUIPMENT	CASING:	SOIL SAMPLER:		CORE BARREL	AUGER	MON. WELL (MW)		METHOD: Track-mounted Geoprobe®	
		NA				PIPE	CAP		
TYPE:	N/A	macro-core							
SIZE:	N/A	2" x 60"							
HAMMER WT/FALL	N/A			BIT:					
SURFACE ELEVATION: NA				SURFACE CONDITIONS: Asphalt					
WATER LEVEL: 16'		AFTER		HRS.		FT. AFTER		HRS.	
DEPTH BELOW GRADE	PID READINGS (ppm)	SAMPLE TYPE AND NO.		DEPTH (FROM-TO)	MOISTURE CONTENT	RECOVERY	BLOWS/6" OR CORE TIME	UNIFIED SOIL CLASS.	DESCRIPTION & REMARKS TRACE=0-10% LITTLE=10-20% SOME=20-30% AND=30-50%
0' - 2.5'	2.1					24"			Dry, medium-coarse, brown sand. Little pebbles. No odor.
2.5' - 5'	13.8								Dry, medium-fine, dark brown sand. No odor.
5' - 7.5'	16.8					48"			Dry, medium-fine, brown sand. Trace pebbles. No odor.
7.5' - 10'	15.8								Dry, medium-coarse, light brown sand. Trace pebbles. No odor.
10' - 12.5'	16.0					48"			Dry, medium, light sand. Trace pebbles. No odor.
12.5' - 15'	15.4								Dry, fine, very light sand. No odor.
15' - 17.5'	14.5					57"			Wet, fine, very light sand. No odor. Groundwater at 16'.
17.5' - 20'	14.0								Wet, fine, very light sand. No odor.
20' - 22.5'	7.8					58"			Wet, fine, light grey sand. No odor.
22.5' - 25'	325								Wet, fine, light sand. No odor.
25' - 27.5'	10.2					60"			Wet, fine, light sand. No odor.
27.5' - 30'	10.4								Wet, fine, light sand. No odor. Boring terminated at 30'.

N/A - Not Applicable
 NA - Not Available

BORING REPORT



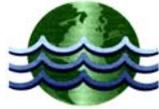
P.W. Grosser Consulting
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Bohemia, New York 11716

SHEET 1 OF 1

DATE STARTED: August 28, 2006		DATE FINISHED: August 28, 2006		BORING NUMBER: SB-2					
CLIENT: Realty Management				PROJECT NUMBER: PEN 0001					
PROJECT NAME & LOCATION: Subsurface Investigation - 1 Shore Road, Glenwood Landing, New York				PREPARED BY: John Eichler					
DRILLING CONTRACTOR: Associated Environmental, Inc.			LOGGED BY: John Eichler		DRILLER: John Schretzmeier				
EQUIPMENT	CASING:	SOIL SAMPLER:		CORE BARREL	AUGER	MON. WELL (MW)		METHOD: Track-mounted Geoprobe®	
		NA				PIPE	CAP		
TYPE:	N/A	macro-core							
SIZE:	N/A	2" x 60"							
HAMMER WT/FALL	N/A			BIT:					
SURFACE ELEVATION: NA				SURFACE CONDITIONS: Asphalt					
WATER LEVEL: 18'		AFTER		HRS.		FT. AFTER		HRS.	
DEPTH BELOW GRADE	PID READINGS (ppm)	SAMPLE TYPE AND NO.		DEPTH (FROM-TO)	MOISTURE CONTENT	RECOVERY	BLOWS/6" OR CORE TIME	UNIFIED SOIL CLASS.	DESCRIPTION & REMARKS TRACE=0-10% LITTLE=10-20% SOME=20-30% AND=30-50%
0' - 2.5'	20.2					48"			Dry, medium-fine, dark brown sand. No odor.
2.5' - 5'	15.2								Dry, medium-fine, dark brown sand. Little pebbles. No odor.
5' - 7.5'						none			No recovery.
7.5' - 10'									No recovery.
10' - 12.5'	6.0					60"			Dry, medium-fine, brown sand. No odor.
12.5' - 15'	6.9								Dry, medium-fine, light brown sand. No odor.
15' - 17.5'	6.9					52"			Dry, medium-fine, brown sand. Little pebbles. No odor.
17.5' - 20'	8.0								Wet, medium-fine, light brown sand. No odor. Groundwater at 18'.
20' - 22.5'	17.8					60"			Wet, fine, light sand. No odor.
22.5' - 25'	14								Wet, fine, light brown sand. No odor.
25' - 27.5'	10.8					60"			Wet, medium-fine, light sand. No odor.
27.5' - 30'	14.2								Wet, medium-fine, light sand. No odor. Boring terminated at 30'.

N/A - Not Applicable
 NA - Not Available

BORING REPORT



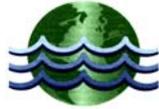
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Bohemia, New York 11716

SHEET 1 OF 1

DATE STARTED: August 28, 2006		DATE FINISHED: August 28, 2006		BORING NUMBER: SB-3					
CLIENT: Realty Management				PROJECT NUMBER: PEN 0001					
PROJECT NAME & LOCATION: Subsurface Investigation - 1 Shore Road, Glenwood Landing, New York				PREPARED BY: John Eichler					
DRILLING CONTRACTOR: Associated Environmental, Inc.			LOGGED BY: John Eichler		DRILLER: John Schretzmeier				
EQUIPMENT	CASING:	SOIL SAMPLER:		CORE BARREL	AUGER	MON. WELL (MW)		METHOD: Track-mounted Geoprobe®	
		NA				PIPE	CAP		
TYPE:	N/A	macro-core							
SIZE:	N/A	2" x 60"							
HAMMER WT/FALL	N/A			BIT:					
SURFACE ELEVATION: NA				SURFACE CONDITIONS: Asphalt					
WATER LEVEL: 18'		AFTER		HRS.		FT. AFTER		HRS.	
DEPTH BELOW GRADE	PID READINGS (ppm)	SAMPLE TYPE AND NO.		DEPTH (FROM-TO)	MOISTURE CONTENT	RECOVERY	BLOWS/6" OR CORE TIME	UNIFIED SOIL CLASS.	DESCRIPTION & REMARKS TRACE=0-10% LITTLE=10-20% SOME=20-30% AND=30-50%
0' - 2.5'	9.2					36"			Dry, medium-fine, brown sand. No odor.
2.5' - 5'	11.5								Dry, medium-coarse, dark brown sand. No odor.
5' - 7.5'	10.8					50"			Dry, medium-fine, dark brown sand. Trace pebbles. No odor.
7.5' - 10'	11.5								Moist, brown clay. No odor.
10' - 12.5'	14.1					44"			Moist, medium-fine, light brown sand. Trace pebbles. No odor.
12.5' - 15'	14.4								Moist, medium-fine, light brown sand. No odor.
15' - 17.5'	10.5					48"			Moist, medium-fine, light brown sand. No odor.
17.5' - 20'	12.0								Wet, medium-fine, light sand. No odor. Groundwater at 18'.
20' - 22.5'	12.1					36"			Wet, medium-fine, light sand. No odor.
22.5' - 25'	12.1								Wet, medium-fine, light sand. No odor.
25' - 27.5'	9.1					60"			Wet, fine, light sand. No odor.
27.5' - 30'	9.2								Wet, fine, light sand. No odor. Boring terminated at 30'.

N/A - Not Applicable
 NA - Not Available

BORING REPORT



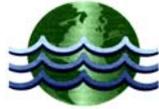
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Bohemia, New York 11716

SHEET 1 OF 1

DATE STARTED: August 28, 2006		DATE FINISHED: August 30, 2006		BORING NUMBER: SB-4					
CLIENT: Realty Management				PROJECT NUMBER: PEN 0001					
PROJECT NAME & LOCATION: Subsurface Investigation - 1 Shore Road, Glenwood Landing, New York				PREPARED BY: John Eichler					
DRILLING CONTRACTOR: Associated Environmental, Inc.		LOGGED BY: John Eichler		DRILLER: John Schretzmeier					
EQUIPMENT	CASING:	SOIL SAMPLER:		CORE BARREL	AUGER	MON. WELL (MW)		METHOD: Track-mounted Geoprobe®	
		NA				PIPE	CAP		
TYPE:	N/A	macro-core							
SIZE:	N/A	2" x 60"							
HAMMER WT/FALL	N/A			BIT:					
SURFACE ELEVATION: NA				SURFACE CONDITIONS: Asphalt					
WATER LEVEL: 20'		AFTER		HRS.		FT. AFTER		HRS.	
DEPTH BELOW GRADE	PID READINGS (ppm)	SAMPLE TYPE AND NO.		DEPTH (FROM-TO)	MOISTURE CONTENT	RECOVERY	BLOWS/6" OR CORE TIME	UNIFIED SOIL CLASS.	DESCRIPTION & REMARKS TRACE=0-10% LITTLE=10-20% SOME=20-30% AND=30-50%
0' - 2.5'	7.6					36"			Dry, medium-fine, brown sand. Some brick. Trace pebbles. No odor.
2.5' - 5'	8.0								Moist, medium-fine, brown sand. Little pebbles. No odor.
5' - 7.5'	9.4					12"			Moist, medium-fine, dark brown sand. No odor.
7.5' - 10'	9.5								Moist, medium-fine, dark brown sand. No odor.
10' - 12.5'	7.1					56"			Dry, medium-fine, dark brown sand. Trace pebbles. No odor.
12.5' - 15'	7.8								Dry, medium-fine, light brown sand. No odor.
15' - 17.5'	12.2					54"			Moist, medium-fine, brown sand. Trace pebbles. No odor.
17.5' - 20'	12.1								Moist, medium-fine, light sand. No odor.
20' - 22.5'	0.0					56"			Wet, medium-fine, light sand. No odor. Groundwater at 20'.
22.5' - 25'	0.0								Wet, medium-fine, light sand. No odor.
25' - 27.5'	8.9					60"			Wet, medium-fine, light sand. No odor.
27.5' - 30'	15.8								Wet, fine, light red sand. No odor. Boring terminated at 30'.

N/A - Not Applicable
 NA - Not Available

BORING REPORT



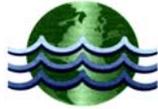
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SHEET 1 OF 1

DATE STARTED: August 30, 2006		DATE FINISHED: August 30, 2006		BORING NUMBER: SB-5					
CLIENT: Realty Management				PROJECT NUMBER: PEN 0001					
PROJECT NAME & LOCATION: Subsurface Investigation - 1 Shore Road, Glenwood Landing, New York				PREPARED BY: John Eichler					
DRILLING CONTRACTOR: Associated Environmental, Inc.		LOGGED BY: John Eichler		DRILLER: John Schretzmeier					
EQUIPMENT	CASING:	SOIL SAMPLER:		CORE BARREL	AUGER	MON. WELL (MW)		METHOD: Track-mounted Geoprobe®	
		NA				PIPE	CAP		
TYPE:	N/A	macro-core							
SIZE:	N/A	2" x 60"							
HAMMER WT/FALL	N/A			BIT:					
SURFACE ELEVATION: NA				SURFACE CONDITIONS: Asphalt					
WATER LEVEL: 17'		AFTER		HRS.		FT. AFTER		HRS.	
DEPTH BELOW GRADE	PID READINGS (ppm)	SAMPLE TYPE AND NO.		DEPTH (FROM-TO)	MOISTURE CONTENT	RECOVERY	BLOWS/6" OR CORE TIME	UNIFIED SOIL CLASS.	DESCRIPTION & REMARKS TRACE=0-10% LITTLE=10-20% SOME=20-30% AND=30-50%
0' - 2.5'	4.5					30"			Dry, medium-fine, brown sand. Little pebbles. No odor.
2.5' - 5'	5.1								Dry, medium-fine, light brown sand. Some brick. Trace pebbles. No odor.
5' - 7.5'	6.7					46"			Dry, medium-fine, brown sand. Trace brick. Trace pebbles. No odor.
7.5' - 10'	5.0								Dry, medium-fine, brown sand. No odor.
10' - 12.5'	10.7					3"			Dry, medium-fine, brown sand. No odor.
12.5' - 15'	36.7								Dry, medium-fine, brown sand. No odor.
15' - 17.5'	28.2					56"			Wet, medium-fine, light sand. No odor. Groundwater at 17'
17.5' - 20'	8.6								Wet, medium-fine, light sand. No odor.
20' - 22.5'	15.6					60"			Wet, fine, light sand. No odor.
22.5' - 25'	10.2								Wet, fine, light sand. No odor.
25' - 27.5'	10.0					58"			Wet, medium-fine, light sand. No odor.
27.5' - 30'	9.2								Wet, fine, light red sand. No odor. Boring terminated at 30'.

N/A - Not Applicable
 NA - Not Available

BORING REPORT



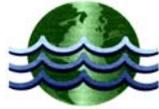
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SHEET 1 OF 1

DATE STARTED: August 30, 2006		DATE FINISHED: August 30, 2006		BORING NUMBER: SB-6				
CLIENT: Realty Management				PROJECT NUMBER: PEN 0001				
PROJECT NAME & LOCATION: Subsurface Investigation - 1 Shore Road, Glenwood Landing, New York				PREPARED BY: John Eichler				
DRILLING CONTRACTOR: Associated Environmental, Inc.		LOGGED BY: John Eichler		DRILLER: John Schretzmeier				
EQUIPMENT	CASING:	SOIL SAMPLER:		CORE BARREL	AUGER	MON. WELL (MW)		METHOD: Track-mounted Geoprobe®
		NA				PIPE	CAP	
TYPE:	N/A	macro-core						
SIZE:	N/A	2" x 60"						
HAMMER WT/FALL	N/A			BIT:				
SURFACE ELEVATION: NA				SURFACE CONDITIONS: Asphalt				
WATER LEVEL: 20'		AFTER HRS.		FT. AFTER		HRS.		
DEPTH BELOW GRADE	PID READINGS (ppm)	SAMPLE TYPE AND NO.	DEPTH (FROM-TO)	MOISTURE CONTENT	RECOVERY	BLOWS/6" OR CORE TIME	UNIFIED SOIL CLASS.	DESCRIPTION & REMARKS TRACE=0-10% LITTLE=10-20% SOME=20-30% AND=30-50%
0' - 2.5'	5.6				34"			Dry, medium-fine, brown sand. Little pebbles. No odor.
2.5' - 5'	0.0							Dry, medium-fine, dark brown sand. Little pebbles. No odor.
5' - 7.5'	0.0				14"			Dry, medium-fine, brown sand. Trace pebbles. No odor.
7.5' - 10'	0.0							Dry, medium-fine, brown sand. Trace pebbles. No odor.
10' - 12.5'	0.0				60"			Dry, medium-fine, light brown sand. No odor.
12.5' - 15'	0.0							Dry, medium-fine, light sand. No odor.
15' - 17.5'	0.0				46"			Moist, medium-fine, brown sand. No odor.
17.5' - 20'	0.0							Moist, medium-fine, light sand. No odor.
20' - 22.5'	0.0				55"			Wet, medium-fine, light sand. No odor. Groundwater at 20'.
22.5' - 25'	0.0							Wet, medium-fine, light sand. No odor.
25' - 27.5'	0.0				60"			Wet, medium-fine, light brown sand. No odor.
27.5' - 30'	0.0							Wet, medium-fine, light sand. No odor. Boring terminated at 30'.

N/A - Not Applicable
 NA - Not Available

BORING REPORT



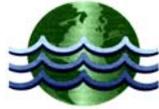
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SHEET 1 OF 1

DATE STARTED: August 30, 2006		DATE FINISHED: August 30, 2006		BORING NUMBER: SB-7					
CLIENT: Realty Management				PROJECT NUMBER: PEN 0001					
PROJECT NAME & LOCATION: Subsurface Investigation - 1 Shore Road, Glenwood Landing, New York				PREPARED BY: John Eichler					
DRILLING CONTRACTOR: Associated Environmental, Inc.			LOGGED BY: John Eichler		DRILLER: John Schretzmeier				
EQUIPMENT	CASING:	SOIL SAMPLER:		CORE BARREL	AUGER	MON. WELL (MW)		METHOD: Track-mounted Geoprobe®	
		NA				PIPE	CAP		
TYPE:	N/A	macro-core							
SIZE:	N/A	2" x 60"							
HAMMER	N/A			BIT:					
WT/FALL									
SURFACE ELEVATION: NA				SURFACE CONDITIONS: Asphalt					
WATER LEVEL: 15'		AFTER		HRS.		FT. AFTER		HRS.	
DEPTH	PID	SAMPLE				BLOWS/6"	UNIFIED	DESCRIPTION & REMARKS	
BELOW	READINGS	TYPE AND	DEPTH	MOISTURE	OR CORE	SOIL			
GRADE	(ppm)	NO.	(FROM-TO)	CONTENT	RECOVERY	TIME	CLASS.	TRACE=0-10% LITTLE=10-20% SOME=20-30% AND=30-50%	
0' - 2.5'	0.0				30"			Dry, medium-fine, brown sand. Trace pebbles. No odor.	
2.5' - 5'	0.0							Dry, medium-fine, dark brown sand. No odor.	
5' - 7.5'	0.0				16"			Dry, medium-fine, brown sand. No odor.	
7.5' - 10'	0.0							Dry, medium-fine, brown sand. Slight septic odor.	
10' - 12.5'	0.0				36"			Dry, medium-fine, brown sand. No odor.	
12.5' - 15'	8.1							Moist, medium-fine, light sand. Slight septic odor.	
15' - 17.5'	8.1				48"			Wet, fine, light sand. Slight septic odor. Groundwater at 15'.	
17.5' - 20'	20.1							Wet, fine, light grey sand. Septic odor.	
20' - 22.5'	0.0				60"			Wet, fine, light sand. Slight septic odor.	
22.5' - 25'	0.0							Wet, fine, light sand. No odor.	
25' - 27.5'	0.0				60"			Wet, fine, light sand. No odor.	
27.5' - 30'	0.0							Wet, fine, light sand. No odor. Boring terminated at 30'.	

N/A - Not Applicable
 NA - Not Available

BORING REPORT



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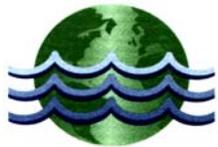
SHEET 1 OF 1

DATE STARTED: August 30, 2006		DATE FINISHED: August 30, 2006		BORING NUMBER: SB-8					
CLIENT: Realty Management				PROJECT NUMBER: PEN 0001					
PROJECT NAME & LOCATION: Subsurface Investigation - 1 Shore Road, Glenwood Landing, New York				PREPARED BY: John Eichler					
DRILLING CONTRACTOR: Associated Environmental, Inc.		LOGGED BY: John Eichler		DRILLER: John Schretzmeier					
EQUIPMENT	CASING:	SOIL SAMPLER:		CORE BARREL	AUGER	MON. WELL (MW)		METHOD: Track-mounted Geoprobe®	
		NA				PIPE	CAP		
TYPE:	N/A	macro-core							
SIZE:	N/A	2" x 60"							
HAMMER WT/FALL	N/A			BIT:					
SURFACE ELEVATION: NA				SURFACE CONDITIONS: Open Leaching Pool					
WATER LEVEL: 9'		AFTER		HRS.		FT. AFTER		HRS.	
DEPTH BELOW GRADE	PID READINGS (ppm)	SAMPLE TYPE AND NO.		DEPTH (FROM-TO)	MOISTURE CONTENT	RECOVERY	BLOWS/6" OR CORE TIME	UNIFIED SOIL CLASS.	DESCRIPTION & REMARKS TRACE=0-10% LITTLE=10-20% SOME=20-30% AND=30-50%
0' - 2.5'									Boring advanced through leaching pool which had been filled to 5' below grade.
2.5' - 5'									
5' - 7.5'	0.0					24"			Dry, medium-coarse, brown sand and gravel. No odor.
7.5' - 10'	0.0								Wet, medium-coarse, brown sand. No odor. Groundwater at 9'.
10' - 13'	0.0					50"			Wet, medium-coarse, dark brown sand. Little pebbles. Slight septic odor.
13' - 15'	0.0								Wet, fine, light sand. Slight septic odor.
15' - 17.5'	0.0					60"			Wet, fine, light sand. Slight septic odor.
17.5' - 20'	0.0								Wet, fine, light sand. No odor. Boring terminated at 20'.

N/A - Not Applicable
 NA - Not Available

APPENDIX E

Groundwater Sampling Sheets



P.W. GROSSER CONSULTING, INC.

WELL SAMPLING LOG

SITE / PROJECT No. 1 Shore Road., Glenwood Landing, NY / PEN 0001

OWNER Realty Management

SAMPLE I.D. GW-1, 45'-50'

SAMPLING POINT GW-1, 45'-50' SAMPLED BY JE

DATE SAMPLED 9/1/2006 TIME SAMPLED 10:35

WELL USE Vertical profile groundwater sampling

STATIC WATER DEPTH 18 feet

WELL DIAMETER 2 Inches

TOTAL WELL DEPTH 50 feet

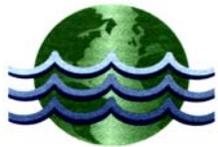
SAMPLING INFORMATION

PURGE METHOD <u>submersible pump</u>	SAMPLE METHOD <u>submersible pump</u>
PURGE RATE <u>0.5</u> L/min	PURGE TIME <u>23</u> Min
CASING VOLUMES REMOVED <u>N/A</u>	Liters purged <u>11.5</u>
SAMPLE APPEARANCE <u>slightly turbid</u>	ODORS OBSERVED <u>None</u>
PID <u>NA</u>	%LEL <u>NA</u>
LABORATORY <u>American Analytical</u>	DATE SHIPPED <u>9/1/2006</u>
ANALYSIS <u>VOCs by EPA method 8260</u>	

SAMPLING PARAMETERS

	Initial	5 min	10 min	15 min	20 min
pH	7.13	7.07	6.71	6.46	6.32
Cond (mS)	0.9	31.6	32.0	32.2	31.9
ORP	131	140	125	134	136
D.O.	12.01	12.56	12.71	13.00	12.97
Turb (NTU)	NR	347	51.8	36.9	50.4
Temp (°C)	17.51	17.32	17.02	16.34	16.17

Note: NR - No reading. Parameter was outside the meter's detection limit



P.W. GROSSER CONSULTING, INC.

WELL SAMPLING LOG

SITE / PROJECT No. 1 Shore Road., Glenwood Landing, NY / PEN 0001

OWNER Realty Management

SAMPLE I.D. GW-1, 30'-35'

SAMPLING POINT GW-1, 30'-35' SAMPLED BY JE

DATE SAMPLED 9/1/2006 TIME SAMPLED 11:40

WELL USE Vertical profile groundwater sampling

STATIC WATER DEPTH 18 feet

WELL DIAMETER 2 Inches

TOTAL WELL DEPTH 35 feet

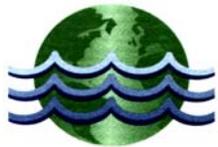
SAMPLING INFORMATION

PURGE METHOD <u>submersible pump</u>	SAMPLE METHOD <u>submersible pump</u>
PURGE RATE <u>0.5</u> L/min	PURGE TIME <u>21</u> Min
CASING VOLUMES REMOVED <u>N/A</u>	Liters purged <u>10.5</u>
SAMPLE APPEARANCE <u>turbid brown</u>	ODORS OBSERVED <u>None</u>
PID <u>NA</u>	%LEL <u>NA</u>
LABORATORY <u>American Analytical</u>	DATE SHIPPED <u>9/1/2006</u>
ANALYSIS <u>VOCs by EPA method 8260</u>	

SAMPLING PARAMETERS

	Initial	5 min	10 min	15 min	20 min
pH	6.85	6.62	6.51	6.36	6.29
Cond (mS)	33.4	39.4	61.0	69.3	70.2
ORP	193	30	-40	-36	-30
D.O.	12.67	12.45	12.08	11.94	11.90
Turb (NTU)	520	NR	NR	NR	427
Temp (°C)	17.59	17.92	18.41	18.56	18.98

Note: NR - No reading. Parameter was outside the meter's detection limit



P.W. GROSSER CONSULTING, INC.

WELL SAMPLING LOG

SITE / PROJECT No. 1 Shore Road., Glenwood Landing, NY / PEN 0001

OWNER Realty Management

SAMPLE I.D. GW-1, 15'-20'

SAMPLING POINT GW-1, 15'-20' SAMPLED BY JE

DATE SAMPLED 9/1/2006 TIME SAMPLED 12:30

WELL USE Vertical profile groundwater sampling

STATIC WATER DEPTH 18 feet

WELL DIAMETER 2 Inches

TOTAL WELL DEPTH 20 feet

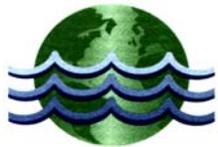
SAMPLING INFORMATION

PURGE METHOD	<u>submersible pump</u>	SAMPLE METHOD	<u>submersible pump</u>
PURGE RATE	<u>0.5</u> L/min	PURGE TIME	<u>15</u> Min
CASING VOLUMES REMOVED	<u>N/A</u>	Liters purged	<u>7.5</u>
SAMPLE APPEARANCE	<u>turbid brown</u>	ODORS OBSERVED	<u>None</u>
PID	<u>NA</u>	%LEL	<u>NA</u>
LABORATORY	<u>American Analytical</u>	DATE SHIPPED	<u>9/1/2006</u>
ANALYSIS	<u>VOCs by EPA method 8260</u>		

SAMPLING PARAMETERS

	Initial	5 min	10 min
pH	6.42	6.48	6.5
Cond (mS)	77.1	70.1	70.8
ORP	-8	-2	-7
D.O.	12.91	12.11	12.00
Turb (NTU)	NR	NR	NR
Temp (°C)	18.11	18.2	18.25

Note: NR - No reading. Parameter was outside the meter's detection limit



P.W. GROSSER CONSULTING, INC.

WELL SAMPLING LOG

SITE / PROJECT No. 1 Shore Road., Glenwood Landing, NY / PEN 0001

OWNER Realty Management

SAMPLE I.D. GW-2, 45'-50'

SAMPLING POINT GW-2, 45'-50' SAMPLED BY JE

DATE SAMPLED 9/1/2006 TIME SAMPLED 15:15

WELL USE Vertical profile groundwater sampling

STATIC WATER DEPTH 18 feet

WELL DIAMETER 2 Inches

TOTAL WELL DEPTH 50 feet

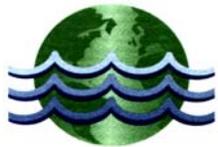
SAMPLING INFORMATION

PURGE METHOD <u>submersible pump</u>	SAMPLE METHOD <u>submersible pump</u>
PURGE RATE <u>0.5</u> L/min	PURGE TIME <u>17</u> Min
CASING VOLUMES REMOVED <u>N/A</u>	Liters purged <u>8.5</u>
SAMPLE APPEARANCE <u>slightly turbid</u>	ODORS OBSERVED <u>None</u>
PID <u>NA</u>	%LEL <u>NA</u>
LABORATORY <u>American Analytical</u>	DATE SHIPPED <u>9/1/2006</u>
ANALYSIS <u>VOCs by EPA method 8260</u>	

SAMPLING PARAMETERS

	Initial	5 min	10 min	15 min
pH	6.81	6.98	6.90	6.90
Cond (mS)	45.5	40.2	44.0	41.8
ORP	208	72	180	180
D.O.	13.7	13.51	15.24	14.15
Turb (NTU)	NR	NR	233	162
Temp (°C)	15.45	15.41	14.81	15.10

Note: NR - No reading. Parameter was outside the meter's detection limit



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WELL SAMPLING LOG

SITE / PROJECT No. 1 Shore Road., Glenwood Landing, NY / PEN 0001

OWNER Realty Management

SAMPLE I.D. GW-2, 30'-35'

SAMPLING POINT GW-2, 30'-35' SAMPLED BY JE

DATE SAMPLED 9/1/2006 TIME SAMPLED 15:35

WELL USE Vertical profile groundwater sampling

STATIC WATER DEPTH 18 feet

WELL DIAMETER 2 Inches

TOTAL WELL DEPTH 35 feet

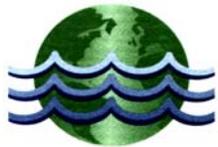
SAMPLING INFORMATION

PURGE METHOD <u>submersible pump</u>	SAMPLE METHOD <u>submersible pump</u>
PURGE RATE <u>0.5</u> L/min	PURGE TIME <u>14</u> Min
CASING VOLUMES REMOVED <u>N/A</u>	Liters purged <u>7</u>
SAMPLE APPEARANCE <u>turbid brown</u>	ODORS OBSERVED <u>None</u>
PID <u>NA</u>	%LEL <u>NA</u>
LABORATORY <u>American Analytical</u>	DATE SHIPPED <u>9/1/2006</u>
ANALYSIS <u>VOCs by EPA method 8260</u>	

SAMPLING PARAMETERS

	Initial	5 min	10 min
pH	6.51	6.44	6.46
Cond (mS)	37.5	36.5	36.4
ORP	195	187	185
D.O.	12.9	12.93	12.89
Turb (NTU)	NR	NR	NR
Temp (°C)	16.44	16.35	16.39

Note: NR - No reading. Parameter was outside the meter's detection limit



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WELL SAMPLING LOG

SITE / PROJECT No. 1 Shore Road., Glenwood Landing, NY / PEN 0001

OWNER Realty Management

SAMPLE I.D. GW-2, 15'-20'

SAMPLING POINT GW-2, 15'-20' SAMPLED BY JE

DATE SAMPLED 9/1/2006 TIME SAMPLED 15:55

WELL USE Vertical profile groundwater sampling

STATIC WATER DEPTH 18 feet

WELL DIAMETER 2 Inches

TOTAL WELL DEPTH 20 feet

SAMPLING INFORMATION

PURGE METHOD submersible pump SAMPLE METHOD submersible pump

PURGE RATE 0.5 L/min PURGE TIME 11 Min

CASING VOLUMES REMOVED N/A Liters purged 5.5

SAMPLE APPEARANCE turbid brown ODORS OBSERVED None

PID NA %LEL NA

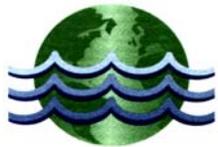
LABORATORY American Analytical DATE SHIPPED 9/1/2006

ANALYSIS VOCs by EPA method 8260

SAMPLING PARAMETERS

	Initial	5 min	10 min
pH	6.51	6.51	6.51
Cond (mS)	32.1	31.2	30.8
ORP	182	181	181
D.O.	12.08	12.09	12.22
Turb (NTU)	NR	NR	NR
Temp (°C)	16.85	16.81	16.82

Note: NR - No reading. Parameter was outside the meter's detection limit



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WELL SAMPLING LOG

SITE / PROJECT No. 1 Shore Road., Glenwood Landing, NY / PEN 0001

OWNER Realty Management

SAMPLE I.D. GW-3, 45'-50'

SAMPLING POINT GW-3, 45'-50' SAMPLED BY JE

DATE SAMPLED 9/5/2006 TIME SAMPLED 11:05

WELL USE Vertical profile groundwater sampling

STATIC WATER DEPTH 18 feet

WELL DIAMETER 2 Inches

TOTAL WELL DEPTH 50 feet

SAMPLING INFORMATION

PURGE METHOD submersible pump SAMPLE METHOD submersible pump

PURGE RATE 0.5 L/min PURGE TIME 15 Min

CASING VOLUMES REMOVED N/A Liters purged 7.5

SAMPLE APPEARANCE turbid brown ODORS OBSERVED None

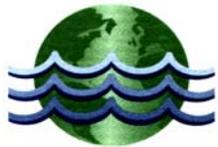
PID NA %LEL NA

LABORATORY American Analytical DATE SHIPPED 9/5/2006

ANALYSIS VOCs by EPA method 8260

SAMPLING PARAMETERS

	Initial	5 min	10 min
pH	6.84	6.81	6.79
Cond (mS)	34.5	32.6	32.5
ORP	191	185	184
D.O.	13.47	13.31	13.3
Turb (NTU)	659	408	400
Temp (°C)	16.59	16.52	16.51



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WELL SAMPLING LOG

SITE / PROJECT No. 1 Shore Road., Glenwood Landing, NY / PEN 0001

OWNER Realty Management

SAMPLE I.D. GW-3, 30'-35'

SAMPLING POINT GW-3, 30'-35' SAMPLED BY JE

DATE SAMPLED 9/5/2006 TIME SAMPLED 11:50

WELL USE Vertical profile groundwater sampling

STATIC WATER DEPTH 18 feet

WELL DIAMETER 2 Inches

TOTAL WELL DEPTH 35 feet

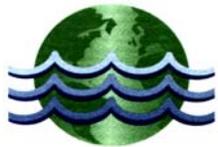
SAMPLING INFORMATION

PURGE METHOD <u>submersible pump</u>	SAMPLE METHOD <u>submersible pump</u>
PURGE RATE <u>0.5</u> L/min	PURGE TIME <u>28</u> Min
CASING VOLUMES REMOVED <u>N/A</u>	Liters purged <u>14</u>
SAMPLE APPEARANCE <u>slightly turbid</u>	ODORS OBSERVED <u>None</u>
PID <u>NA</u>	%LEL <u>NA</u>
LABORATORY <u>American Analytical</u>	DATE SHIPPED <u>9/5/2006</u>
ANALYSIS <u>VOCs by EPA method 8260</u>	

SAMPLING PARAMETERS

	Initial	5 min	10 min	15 min	20 min	25 min
pH	6.58	6.42	6.31	6.26	6.25	6.24
Cond (mS)	31.6	28.9	28.5	27.9	27.4	27.5
ORP	197	148	152	161	164	167
D.O.	12.62	12.81	13.17	13.17	13.16	13.06
Turb (NTU)	319	NR	NR	198	50.4	33.1
Temp (°C)	17.58	17.33	16.61	16.37	16.25	16.33

Note: NR - No reading. Parameter was outside the meter's detection limit



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WELL SAMPLING LOG

SITE / PROJECT No. 1 Shore Road., Glenwood Landing, NY / PEN 0001

OWNER Realty Management

SAMPLE I.D. GW-3, 15'-20'

SAMPLING POINT GW-3, 15'-20' SAMPLED BY JE

DATE SAMPLED 9/5/2006 TIME SAMPLED 12:12

WELL USE Vertical profile groundwater sampling

STATIC WATER DEPTH 18 feet

WELL DIAMETER 2 Inches

TOTAL WELL DEPTH 20 feet

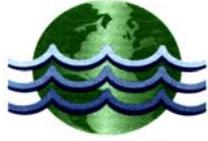
SAMPLING INFORMATION

PURGE METHOD	<u>submersible pump</u>	SAMPLE METHOD	<u>submersible pump</u>
PURGE RATE	<u>0.5</u> L/min	PURGE TIME	<u>13</u> Min
CASING VOLUMES REMOVED	<u>N/A</u>	Liters purged	<u>6.5</u>
SAMPLE APPEARANCE	<u>turbid brown</u>	ODORS OBSERVED	<u>None</u>
PID	<u>NA</u>	%LEL	<u>NA</u>
LABORATORY	<u>American Analytical</u>	DATE SHIPPED	<u>9/5/2006</u>
ANALYSIS	<u>VOCs by EPA method 8260</u>		

SAMPLING PARAMETERS

	Initial	5 min	10 min
pH	6.27	6.21	6.20
Cond (mS)	28.3	30.8	30.6
ORP	192	190	190
D.O.	11.37	11.26	11.24
Turb (NTU)	NR	NR	NR
Temp (°C)	20.01	20.16	20.08

Note: NR - No reading. Parameter was outside the meter's detection limit



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WELL SAMPLING LOG

SITE / PROJECT No. 1 Shore Road., Glenwood Landing, NY / PEN 0001

OWNER Realty Management

SAMPLE I.D. GW-4, 42'-47'

SAMPLING POINT GW-4, 42'-47' SAMPLED BY JE

DATE SAMPLED 8/31/2006 TIME SAMPLED 12:15

WELL USE Vertical profile groundwater sampling

STATIC WATER DEPTH 37 feet

WELL DIAMETER 2 Inches

TOTAL WELL DEPTH 47 feet

SAMPLING INFORMATION

PURGE METHOD submersible pump SAMPLE METHOD submersible pump

PURGE RATE 0.5 L/min PURGE TIME NM Min

CASING VOLUMES REMOVED N/A Liters purged NM

SAMPLE APPEARANCE slightly turbid ODORS OBSERVED None

PID NA %LEL NA

LABORATORY American Analytical DATE SHIPPED 8/31/2006

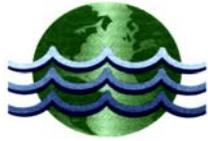
ANALYSIS VOCs by EPA method 8260

SAMPLING PARAMETERS

	Initial	5 min	10 min	15 min
pH	6.84	6.76	6.67	6.75
Cond (mS)	37	37.8	38.2	38.4
ORP	155	168	198	192
D.O.	11.05	13.20	12.07	11.60
Turb (NTU)	80.3	66.7	109	128
Temp (°C)	17.16	17.16	17.27	17.32

Notes:

NR - No reading. Parameter was outside the meter's detection limit
 NM - Not measured. Very slow recharge. Flow could not be maintained.



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WELL SAMPLING LOG

SITE / PROJECT No. 1 Shore Road., Glenwood Landing, NY / PEN 0001

OWNER Realty Management

SAMPLE I.D. GW-4, 32'-37'

SAMPLING POINT GW-4, 32'-37' SAMPLED BY JE

DATE SAMPLED 8/31/2006 TIME SAMPLED 12:37

WELL USE Vertical profile groundwater sampling

STATIC WATER DEPTH NM feet

WELL DIAMETER 2 Inches

TOTAL WELL DEPTH 37 feet

SAMPLING INFORMATION

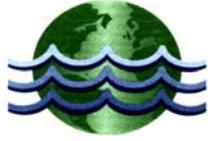
PURGE METHOD	<u>submersible pump</u>	SAMPLE METHOD	<u>submersible pump</u>
PURGE RATE	<u>0.5</u> L/min	PURGE TIME	<u>NM</u> Min
CASING VOLUMES REMOVED	<u>N/A</u>	Liters purged	<u>NM</u>
SAMPLE APPEARANCE	<u>slightly turbid</u>	ODORS OBSERVED	<u>None</u>
PID	<u>NA</u>	%LEL	<u>NA</u>
LABORATORY	<u>American Analytical</u>	DATE SHIPPED	<u>8/31/2006</u>
ANALYSIS	<u>VOCs by EPA method 8260</u>		

SAMPLING PARAMETERS

	Initial
pH	6.76
Cond (mS)	38.8
ORP	224
D.O.	10.65
Turb (NTU)	153
Temp (°C)	19.98

Notes:

NR - No reading. Parameter was outside the meter's detection limit
NM - Not measured. Very slow recharge. Flow could not be maintained.



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WELL SAMPLING LOG

SITE / PROJECT No. 1 Shore Road., Glenwood Landing, NY / PEN 0001

OWNER Realty Management

SAMPLE I.D. GW-4, 17'-22'

SAMPLING POINT GW-4, 17'-22' SAMPLED BY JE

DATE SAMPLED 8/31/2006 TIME SAMPLED 13:05

WELL USE Vertical profile groundwater sampling

STATIC WATER DEPTH NM feet

WELL DIAMETER 2 Inches

TOTAL WELL DEPTH 22 feet

SAMPLING INFORMATION

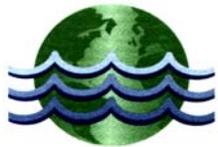
PURGE METHOD	<u>submersible pump</u>	SAMPLE METHOD	<u>submersible pump</u>
PURGE RATE	<u>0.5</u> L/min	PURGE TIME	<u>NM</u> Min
CASING VOLUMES REMOVED	<u>N/A</u>	Liters purged	<u>NM</u>
SAMPLE APPEARANCE	<u>slightly turbid</u>	ODORS OBSERVED	<u>None</u>
PID	<u>NA</u>	%LEL	<u>NA</u>
LABORATORY	<u>American Analytical</u>	DATE SHIPPED	<u>8/31/2006</u>
ANALYSIS	<u>VOCs by EPA method 8260</u>		

SAMPLING PARAMETERS

	Initial
pH	6.75
Cond (mS)	38.6
ORP	206
D.O.	9.81
Turb (NTU)	106.1
Temp (°C)	19.21

Notes:

NR - No reading. Parameter was outside the meter's detection limit
NM - Not measured. Very slow recharge. Flow could not be maintained.



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WELL SAMPLING LOG

SITE / PROJECT No. 1 Shore Road., Glenwood Landing, NY / PEN 0001

OWNER Realty Management

SAMPLE I.D. MW-1

SAMPLING POINT MW-1 SAMPLED BY JE

DATE SAMPLED 9/6/2006 TIME SAMPLED 12:41

WELL USE monitoring / observation

STATIC WATER DEPTH 18.76 feet

WELL DIAMETER 4 Inches

TOTAL WELL DEPTH 27.1 feet

SAMPLING INFORMATION

PURGE METHOD submersible pump SAMPLE METHOD submersible pump

PURGE RATE 0.5 L/min PURGE TIME 12 Min

CASING VOLUMES REMOVED N/A Liters purged 6

SAMPLE APPEARANCE clear ODORS OBSERVED None

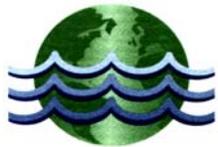
PID NA %LEL NA

LABORATORY American Analytical DATE SHIPPED 9/6/2006

ANALYSIS VOCs by EPA method 8260

SAMPLING PARAMETERS

	Initial	5 min	10 min
pH	6.46	6.50	6.49
Cond (mS)	23.9	24.8	25.2
ORP	160	151	150
D.O.	15.00	14.59	14.51
Turb (NTU)	16.5	21.8	23.5
Temp (°C)	16.30	16.30	16.30



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WELL SAMPLING LOG

SITE / PROJECT No. 1 Shore Road., Glenwood Landing, NY / PEN 0001

OWNER Realty Management

SAMPLE I.D. MW-2

SAMPLING POINT MW-2 SAMPLED BY JE

DATE SAMPLED 9/6/2006 TIME SAMPLED 11:05

WELL USE monitoring / observation

STATIC WATER DEPTH 10.88 feet

WELL DIAMETER 4 Inches

TOTAL WELL DEPTH 18.2 feet

SAMPLING INFORMATION

PURGE METHOD submersible pump SAMPLE METHOD submersible pump

PURGE RATE 0.5 L/min PURGE TIME 12 Min

CASING VOLUMES REMOVED N/A Liters purged 6

SAMPLE APPEARANCE clear ODORS OBSERVED None

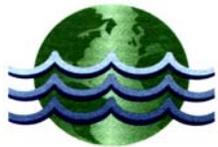
PID NA %LEL NA

LABORATORY American Analytical DATE SHIPPED 9/6/2006

ANALYSIS VOCs by EPA method 8260

SAMPLING PARAMETERS

	Initial	5 min	10 min
pH	6.87	6.71	6.69
Cond (mS)	23.3	23.2	23.2
ORP	42	45	46
D.O.	12.78	12.61	12.6
Turb (NTU)	17.8	40.5	21.2
Temp (°C)	18.65	18.62	18.62



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WELL SAMPLING LOG

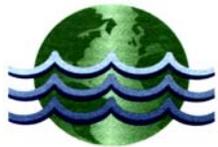
SITE / PROJECT No.	1 Shore Road., Glenwood Landing, NY / PEN 0001		
OWNER	Realty Management		
SAMPLE I.D.	MW-3		
SAMPLING POINT	MW-3	SAMPLED BY	JE
DATE SAMPLED	9/6/2006	TIME SAMPLED	10:35
WELL USE	monitoring / observation		
STATIC WATER DEPTH	9.48	feet	
WELL DIAMETER	4	Inches	
TOTAL WELL DEPTH	19.7	feet	

SAMPLING INFORMATION

PURGE METHOD	submersible pump	SAMPLE METHOD	submersible pump
PURGE RATE	0.5 L/min	PURGE TIME	12 Min
CASING VOLUMES REMOVED	N/A	Liters purged	6
SAMPLE APPEARANCE	clear	ODORS OBSERVED	None
PID	NA	%LEL	NA
LABORATORY	American Analytical	DATE SHIPPED	9/6/2006
ANALYSIS	VOCs by EPA method 8260		

SAMPLING PARAMETERS

	Initial	5 min	10 min
pH	6.56	6.54	6.53
Cond (mS)	25.6	26.2	28.1
ORP	-106	-95	-94
D.O.	11.65	11.71	11.78
Turb (NTU)	41.2	52.3	50.1
Temp (°C)	19.65	19.45	19.31



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WELL SAMPLING LOG

SITE / PROJECT No. 1 Shore Road., Glenwood Landing, NY / PEN 0001

OWNER Realty Management

SAMPLE I.D. MW-4

SAMPLING POINT MW-4 SAMPLED BY JE

DATE SAMPLED 9/6/2006 TIME SAMPLED 10:08

WELL USE monitoring / observation

STATIC WATER DEPTH 10.02 feet

WELL DIAMETER 4 Inches

TOTAL WELL DEPTH 19 feet

SAMPLING INFORMATION

PURGE METHOD submersible pump SAMPLE METHOD submersible pump

PURGE RATE 0.5 L/min PURGE TIME 12 Min

CASING VOLUMES REMOVED N/A Liters purged 6

SAMPLE APPEARANCE clear ODORS OBSERVED None

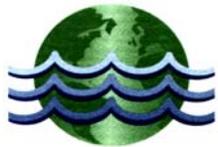
PID NA %LEL NA

LABORATORY American Analytical DATE SHIPPED 9/6/2006

ANALYSIS VOCs by EPA method 8260

SAMPLING PARAMETERS

	Initial	5 min	10 min
pH	6.49	6.50	6.50
Cond (mS)	49.2	48.7	48.6
ORP	2	13	8
D.O.	11.62	11.71	11.78
Turb (NTU)	49.0	62	57
Temp (°C)	18.30	18.18	18.05



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WELL SAMPLING LOG

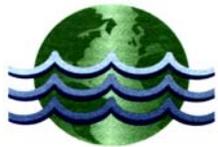
SITE / PROJECT No.	1 Shore Road., Glenwood Landing, NY / PEN 0001		
OWNER	Realty Management		
SAMPLE I.D.	MW-5		
SAMPLING POINT	MW-5	SAMPLED BY	JE
DATE SAMPLED	9/5/2006	TIME SAMPLED	10:20
WELL USE	monitoring / observation		
STATIC WATER DEPTH	10.78	feet	
WELL DIAMETER	4	Inches	
TOTAL WELL DEPTH	20.1	feet	

SAMPLING INFORMATION

PURGE METHOD	submersible pump	SAMPLE METHOD	submersible pump
PURGE RATE	0.5 L/min	PURGE TIME	14 Min
CASING VOLUMES REMOVED	N/A	Liters purged	7
SAMPLE APPEARANCE	clear	ODORS OBSERVED	None
PID	NA	%LEL	NA
LABORATORY	American Analytical	DATE SHIPPED	9/5/2006
ANALYSIS	VOCs by EPA method 8260		

SAMPLING PARAMETERS

	Initial	5 min	10 min
pH	6.12	6.18	6.25
Cond (mS)	55.1	54.2	55.8
ORP	142	140	146
D.O.	12.01	11.85	11.91
Turb (NTU)	34.5	38.1	31.2
Temp (°C)	19.24	19.02	19.10



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WELL SAMPLING LOG

SITE / PROJECT No. 1 Shore Road., Glenwood Landing, NY / PEN 0001

OWNER Realty Management

SAMPLE I.D. MW-6

SAMPLING POINT MW-6 SAMPLED BY JE

DATE SAMPLED 9/6/2006 TIME SAMPLED 12:10

WELL USE monitoring / observation

STATIC WATER DEPTH 12.08 feet

WELL DIAMETER 2 Inches

TOTAL WELL DEPTH 19.7 feet

SAMPLING INFORMATION

PURGE METHOD disposable bailer SAMPLE METHOD disposable bailer

PURGE RATE NA L/min PURGE TIME 12 Min

CASING VOLUMES REMOVED N/A Liters purged NA

SAMPLE APPEARANCE clear ODORS OBSERVED None

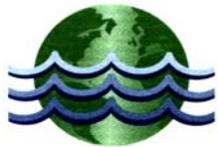
PID NA %LEL NA

LABORATORY American Analytical DATE SHIPPED 9/6/2006

ANALYSIS VOCs by EPA method 8260

SAMPLING PARAMETERS

	Initial	5 min	10 min
pH	6.82	6.79	6.79
Cond (mS)	30.6	30.1	29.8
ORP	88	86	86
D.O.	15.86	15.7	15.65
Turb (NTU)	47.5	52.3	55.8
Temp (°C)	18.91	18.92	18.99



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WELL SAMPLING LOG

SITE / PROJECT No. 1 Shore Road., Glenwood Landing, NY / PEN 0001

OWNER Realty Management

SAMPLE I.D. MW-7

SAMPLING POINT MW-7 SAMPLED BY JE

DATE SAMPLED 9/6/2006 TIME SAMPLED 13:09

WELL USE monitoring / observation

STATIC WATER DEPTH 18.93 feet

WELL DIAMETER 2 Inches

TOTAL WELL DEPTH 29.2 feet

SAMPLING INFORMATION

PURGE METHOD submersible pump SAMPLE METHOD submersible pump

PURGE RATE 0.5 L/min PURGE TIME 13 Min

CASING VOLUMES REMOVED N/A Liters purged 6.5

SAMPLE APPEARANCE clear ODORS OBSERVED None

PID NA %LEL NA

LABORATORY American Analytical DATE SHIPPED 9/6/2006

ANALYSIS VOCs by EPA method 8260

SAMPLING PARAMETERS

	Initial	5 min	10 min
pH	6.46	6.51	6.51
Cond (mS)	11.4	11.8	12.1
ORP	127	125	125
D.O.	14.25	14.18	14.18
Turb (NTU)	15.2	20.5	22.3
Temp (°C)	16.58	16.41	16.41

APPENDIX F

Soil Gas Canister Sampling Data Sheets

ECOTEST LABORATORIES INC.

377 Sheffield Ave.
 North Babylon, NY 11703
 tel. 631-422-5777, fax 631-422-5770, Email ECOTESTLAB@aol.com

CANISTER SAMPLING DATA SHEET

CANISTER SERIAL NO.

SAMPLE TRAIN SERIAL NO.

FLOW

EcoTest 27

21

80 sccm

This above referenced Summa can and sample train was received in good condition

DATE: 8/28/2006

CLIENT: P.W. Grosser

CLIENTS AGENT: John Eichler

SIGNED: *[Signature]*

Client agrees to pay all replacement costs associated with loss or damage of canister and sample train. Client acknowledges that this canister is valid for a maximum of 30 days from the date of evacuation. Client is responsible for any vacuum loss or contamination while in clients custody.

VAC leaving EcoTest:

29" vac

Date Evacuated:

8/28/2006

VAC/PRES returned EcoTest:

-5"

CANISTER SERIAL NO.

27

SAMPLE TRAIN SERIAL NO.

21

RETURNED IN GOOD CONDITION TO ECOTEST LABORATORIES INC.

DATE: 8/31/06 16:55

SIGNED: *[Signature]* for ECOTEST LABS.

ALL INFORMATION BELOW MUST BE PROVIDED BY CLIENT:

CLIENT PW Grosser	SAMPLE TYPE	
SOURCE PEN - 1 Shore Rd, Glenwood Landing	CHECK ONE	
SAMPLE SG-1	AMBIENT AIR	<input type="checkbox"/>
DATE SAMPLED 8-31-06	SUB SLAB VAPOR	<input type="checkbox"/>
TIME SAMPLING STARTED: 0835	VAPOR WELL	<input checked="" type="checkbox"/>
TIME SAMPLING FINISHED: 0935	EXPECTED CONC	
TEMPERATURE SAMPLING STARTED: 65°	CHECK ONE	
TEMPERATURE SAMPLING FINISHED: 70°	LOW	<input checked="" type="checkbox"/>
DATE: 8-31-06	MEDIUM	<input type="checkbox"/>
CLIENT: Pw Grosser	HIGH	<input type="checkbox"/>
CLIENTS AGENT: John Eichler		
SIGNED: <i>[Signature]</i>		

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CANISTER SAMPLING DATA SHEET

CANISTER SERIAL NO. EcoTest 29 SAMPLE TRAIN SERIAL NO. 14 FLOW 80 sccm

This above referenced Summa can and sample train was received in good condition

DATE: 8/28/2006
 CLIENT: P.W. Grosser
 CLIENTS AGENT: John Eichler
 SIGNED: [Signature]

Client agrees to pay all replacement costs associated with loss or damage of canister and sample train. Client acknowledges that this canister is valid for a maximum of 30 days from the date of evacuation. Client is responsible for any vacuum loss or contamination while in clients custody.

VAC leaving EcoTest: 29" vac
 Date Evacuated: 8/28/2006
 VAC/PRES returned EcoTest: -3"

CANISTER SERIAL NO. 29
 SAMPLE TRAIN SERIAL NO. 14
 RETURNED IN GOOD CONDITION TO ECOTEST LABORATORIES INC.
 DATE: 8/31/06 16:55
 SIGNED: [Signature] for ECOTEST LABS.

ALL INFORMATION BELOW MUST BE PROVIDED BY CLIENT:

CLIENT <u>PW Grosser</u>	SAMPLE TYPE	
SOURCE <u>PEN- 1 Shore Rd., Glenwood Landing</u>	CHECK ONE	
SAMPLE <u>SG-2</u>	AMBIENT AIR	<input type="checkbox"/>
DATE SAMPLED <u>8-31-06</u>	SUB SLAB VAPOR	<input type="checkbox"/>
TIME SAMPLING STARTED: <u>0925</u>	VAPOR WELL	<input checked="" type="checkbox"/>
TIME SAMPLING FINISHED: <u>1025</u>	EXPECTED CONC	
TEMPERATURE SAMPLING STARTED: <u>68-70°</u>	CHECK ONE	
TEMPERATURE SAMPLING FINISHED: <u>70°</u>	LOW	<input checked="" type="checkbox"/>
DATE: <u>8-31-06</u>	MEDIUM	<input type="checkbox"/>
CLIENT: <u>PW Grosser</u>	HIGH	<input type="checkbox"/>
CLIENTS AGENT: <u>John Eichler</u>		
SIGNED: <u>John Eichler</u>		

