Site Assessment Report

The New Transit Truck Stop
8400 Veterans Highway
Millersville, Maryland 21122
MDE Case #07-0124AA

Prepared For

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Submitted To

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Respectfully Submitted,

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Senior Project Manager

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1.0 INTRODUCTION

Envirtotech Consultants, LLC on behalf of Eastern Petroleum Corporation is pleased to submit this Environmental Site Assessment for the New Transit Truck Stop located at 8400 Veterans Highway, Millersville, Maryland (Site). The Site assessment work was required as part of the settlement agreement and consent order issued by the Maryland Department of the Environment (MDE) in March, 2009. A work plan to conduct the investigation was presented to the MDE in a correspondence dated July 17, 2009 that proposed the installation of additional monitoring wells and geoprobe borings where soil impact was identified during the recent tank system closure investigation. The plan was approved under conditions outlined in the MDE's July 31, 2009, work plan approval letter, provided in Appendix A.

2.0 SITE AND AREA DESCRIPTION

2.1 The Property

The property is located at 8400 Veterans Highway, Millersville, Maryland (39^{o} 07'19'' North, 76^{o} 37'30'' West). The 3.21-acre property is listed as Tax Map 22, Parcel 336. A Site map depicting significant features of the Site is provided as Figure 1.

The Site features one primary building which serves as a restaurant and houses a vehicle repair facility. A scale for weighing trucks is located to the west of the building. Two gasoline dispensers beneath a canopy and a separate diesel canopy with six dispensers are located north of the building. The former UST tankfield is located to the south of the building and the newly installed tankfield is located in the center of the Site. The new tank system features two new Highland Titan polyethylene coated steel UST's, and associated OPW flexible double-wall piping and new dispensers and controls for the management of fuel distribution and leak detection. The former tankfield was located along the southern property boundary and supplied fuel to the dispensers through product piping that was installed to the west of the restaurant. A former potable supply well that once provided water for the facility is located near the center of the southern property boundary.

2.2 Area Description

The immediate area surrounding the Site is predominantly occupied by commercial properties and highway. The closest residential structure is located approximately 300 feet to the east of the Site, across Veterans Highway. Businesses that boarder the Site to the south and north include a single-story office park and a self-storage facility, respectively. The Site borders Interstate 97 to the west, and beyond that is a propane supply business (United Propane) and the Millersville Landfill and Resource Recovery Facility. An Area Map showing the neighboring properties is attached as Figure 2.

2.3 Local Water Supply Wells

Research was conducted to identify drinking water supply wells in the vicinity of the Site. The results of the well search were plotted on an area map that identifies their location and laboratory analytical results of water samples collected from selected wells. In addition, details regarding the construction, owner and address were also obtained. This information is provided in Appendix B.

Records indicate that two drinking water supply wells exist within a 500 ft radius of the site and eleven wells are located within one-quarter mile from the Site. The locations of these wells has been confirmed via field reconnaissance and are depicted in Figure 2.

The closest active drinking water supply well is located at 8424 Veterans Highway. This well supplies potable water to the office complex immediately to the south of the Site. Well completion records indicate that the well was installed on December 31, 1983 to a depth of 125 feet and is constructed with 118 feet of 4-inch casing atop 7 feet of 2-inch 0.030 slot well screen. The annulus of the wells is filled with gravel pack up to 113 ft followed by a cement grout seal to surface grade.

The Site's potable water is currently provided by the Anne Arundel County Department of Public Works. The Site's former potable well is located adjacent to the former tankfield in a secured vault. Record of this well, including the boring logs and the completion report, is currently unavailable. However, details regarding the construction of the well were determined as part of a down-hole camera survey. The results of the camera survey are presented under a separate section of this report.

2.4 Geology

Each core sample collected during the drilling and geoprobe phases of the investigation were described via the Burmister System of soil classification and logged by the field geologist. A description of the lithology encountered in each boring is presented in Appendix C. A map displaying the geology of the area was condensed from the 1968 Geologic Map of Anne Arundel County and is provided as Figure 3.

The Site is located in the Atlantic Coastal Plain physiographic province. It is mapped as being underlain by alluvial deposits of sand, gravel, silt and clay that are part of the Potomac Group. The Potomac Group is comprised of the Raritan and Patapsco Formations, Arundel Clay and Patuxent Formation. Above the Potomac Group lies the Magothy Formation. A Geologic map showing the proximity of these formations in the vicinity of the site is presented as Figure 3.

The site-specific geology consists of various ratios of clay and silt with inter-bedded layers of fine sand of variable thickness. Based on soils encountered during the installation of the wells it appears that the Magothy Formation outcrops at the site. Pale gray clay inter-bedded with fine sand lenses corresponding to the Magothy Formation were encountered from the surface to approximately 35 feet and were followed by loose, white "sugary" sands and laminated silty clays also consistent with soils described as the Magothy Formation. Based on these findings, it is suggested that the wells are installed into the Magothy Formation and may extend into the upper sequence of the Potomac Group represented by the Raritan and Patapsco Formations that are described as inter-bedded sands and white, dark gray and multicolored silts and clays.

2.5 Hydrogeology

Topographically, the Site slopes to the west at gradient of 0.032 ft/ft. Regional topography appears to grade moderately from the north to south. Based on the regional topography, and given that groundwater generally flows according to the regional topography and towards surface water bodies, groundwater in the region is estimated to flow toward the southeast in the direction of the Severn River. A Topographic Map showing the location of the Site with respect to the Severn River is provided as Figure 4.

Groundwater at the Site is encountered at approximately 45 feet below grade and appears to be under confined conditions. The groundwater surface has approximately 2.30 feet of vertical relief across the site at a hydraulic gradient of 0.014 ft/ft. Groundwater flow across the site is generally toward the east-southeast.

A Contoured Groundwater Elevation Map constructed using data from the October 23, 2009 liquid level gauging event is provided as Figure 5. A summary of the monitoring well liquid level data is provided in Table 1. From the Contoured Groundwater Elevations Map, it appears that groundwater flow across the Site is generally to the east-southeast. Groundwater flow in the vicinity of the former tankfield may be locally influenced by the potable well. Groundwater elevation data from the potable well was not used in the construction of the contours; however, the groundwater elevation difference between it and the surrounding monitoring wells suggest a component of flow toward the well.

Figure 6 is a cross-sectional drawing that shows the configuration of the overburden in an east–west transect along the southern border of the Site. The drawing was constructed using boring logs with lithologic descriptions from the 8424 Potable Well, MW-5, Site Potable Well, MW-14 and MW-13 and highlights the stratigraphy and the contour of the land surface sloping from Veterans Highway (A) to the western property boundary (A'). Figure 7 is a plan view of the Site showing the location of section A - A'. The eastern portion of the cross section is characterized by the boring log generated from the installation of the 8424 Veterans Highway Potable Well. The cross section indicates a significant clay component to approximately 20 ft bgs followed by a significant sand layer to approximately 50 ft bgs where a 2 ft clay layer was encountered. From 50 ft to 125 ft, the boring was logged as sand and gravel with the exception of a 4 ft clay layer from 100 ft to 104 ft. At the center of the cross section, lithogic descriptions from MW-5 indicate an increased occurrence of inter-bedded clay and sand layers that extend to a depth of approximately 40 ft bgs followed by fine sand where the first water-bearing zone was identified. Geologic logs from MW-14 and MW-13 indicated a decrease in the thickness of the upper clay layer and an increased presence of fine sand from 15 ft bgs to the boring terminations at 55 ft bgs.

3.0 SUMMARY OF PREVIOUS INVESTIGATIONS

Two previous assessments have been performed at the Site in September 2002 and May 2006 by Groundwater & Environmental Services, Inc. and Nutshell Enterprises, LTD., respectively. The objective of both assessments was to characterize impact to soils and groundwater from potential petroleum hydrocarbon sources.

A truck mounted Geoprobe direct-push rig was used in each of the investigations to advance a probe for the purpose of collecting soil and groundwater samples. The borings were installed to penetration refusal, which ranged from 12 ft to 26 ft below ground surface. Based on historic groundwater monitoring data, it does not appear that the borings installed in either study reached the first water bearing zone.

3.1 2006 Geoprobe Investigation

During the 2006 investigation, seven borings were installed, from which 24 soil samples were collected and analyzed for Diesel and Gasoline Range Organics (DRO and GRO) using EPA Method 8015. The results indicate that GRO was detected from 0.32 mg/kg to 1900 mg/kg in three soil samples collected from B-6 with the highest concentration collected at 10 ft to 12 ft

below ground surface (bgs). DRO was detected in soil samples collected from two soil borings (B-4 and B-6) at maximum concentrations of 16 mg/kg (0 ft to 2 ft) and 11,000 mg/kg (10 ft to 12 ft), respectively.

Groundwater samples from the 2006 investigation were collected from three existing monitor wells MW-1, MW-2, MW-3 and the former potable well. The samples were analyzed for Benzene, Toluene, Ethyl benzene, and Xylene (BTEX), Methyl Tert Butyl Ether (MTBE), GRO and DRO. Benzene was present in the sample collected from MW-1 at 5 ug/l. MTBE was detected in MW-1 and MW-3 at 8 ug/l and 5 ug/l, respectively. Toluene and GRO was detected in the Site potable supply well at 5 ug/l and 0.5 mg/l, respectively. DRO was detected in each of the wells at concentrations ranging from 0.27 mg/l to 57 mg/l.

3.2 2002 Geoprobe Investigation

During the 2002 investigation, 14 borings were installed from which twelve soil samples were collected and analyzed for BTEX, MTBE, GRO and DRO. The results indicate that nine of the twelve samples contained BTEX concentrations that ranged from 0.001 mg/kg (SB-1 and SB-11) to 1,584 mg/kg (SB-6).

Five of the soil borings were converted to temporary monitoring wells for the purpose of collecting groundwater samples. Only one of the five monitoring wells (SB-1), completed at 23 ft bgs, produced enough water to collect a sample. A sample from SB-1 and monitoring wells MW-1 and MW-4 were collected and analyzed for BTEX, MTBE, GRO and DRO. BTEX and GRO were detected in SB-1 at 0.1333 mg/l and 0.682 mg/l, respectively. DRO was detected at 0.434 mg/l in MW-1 and MTBE was detected in the sample collected from MW-4 at 0.006 mg/l.

4.0 FIELD INVESTIGATION METHODS

Geoprobe and monitoring well installation activities occurred in two phases over a period of approximately one year and included 10 monitoring wells and 22 geoprobe borings. The first phase of the investigation began in October, 2008 with the installation of 11 geoprobe borings and three monitoring wells (MW-5, MW-6 and MW-7). Between March and May 2009, the facility underwent major tank system renovations and associated tank closure assessment work. This was followed by a second phase of subsurface investigation beginning in September 2009 that included the installation of 11 geoprobe borings and seven monitoring wells (MW-8 through MW-14).

Field activities also included development of all monitoring wells and a down-hole camera survey to determine the construction of the facility's former potable well and monitoring wells that do not have available boring logs. The following provides a summary of the field activities and methods that were a part of this investigation.

4.1 October 2008 Geoprobe Investigation

A total of eleven geoprobe monitoring points were installed between October 3, and October 6, 2008. Ten of the points were located around the perimeter of the tankfield and one was located in the southwest corner of the property. Each boring was driven to penetration refusal at depths ranging from 9.72 to 19.15 feet below ground surface (bgs). Upon completion, each boring was gauged with an oil/water interface probe to determine if fluids had collected. Borings that contained fluids were fitted with a 1-inch temporary monitoring point constructed using 5 feet of

0.020 slot schedule 40 PVC well screen and approximately 10 ft of schedule 40 PVC casing. The annulus of each was filled to 1 ft above the screened interval with # 2 gravel-pack followed by a bentonite seal to surface grade. Each monitoring point was then capped to prevent surface water infiltration.

The wells were gauged on three occasions using an oil/water interface probe to determine liquid levels in the wells. Four of the monitoring points (GP-1, GP-4, GP-8, and GP-9) contained groundwater within two days after installation and one (GP-11) contained 0.70 ft of Liquid Phase Hydrocarbons (LPH) at a depth of 13.55 ft bgs. The wells containing water were sampled on October 9, 2008 and analyzed for full suite VOC's including fuel oxygenates via EPA Method 8260 and TPH GRO / DRO by Method 8015B. The remaining geoprobe monitoring points were dry. A summary of the geoprobe gauging data is provided in Table 3. A site plan showing the location of the geoprobe monitoring points is provided as Figure 8.

Continuous soil samples were collected during each of the geoprobe borings and evaluated for physical characterization using a 2-inch diameter by 5-foot long Geoprobe macrocore sampler to boring refusal. Composite samples collected from each core sample were screened with a Photoionization Detector (PID) to assess for VOC vapors. Samples eliciting the highest PID readings were submitted for laboratory analysis. Soil samples destined for laboratory analyses were composited and packed into clean 4 oz glass jars. The jars were sealed and placed on ice in a cooler. The samples were submitted to Phase Separation Science of Baltimore (PSS), Maryland to be analyzed for Full Suite VOC's + Oxygenates via EPA Method 8260 and TPH DRO/GRO by EPA Method 8015B. Samples were shipped following Envirotech's chain-of-custody procedures.

4.2 October 2008 Monitoring Well Installation

Monitoring well installation completed in October 2008, included the installation of three wells (MW-5, MW-6 and MW-7). Two of the wells, MW-5 and MW-6, were installed north and east of the tankfield to further characterize groundwater in the area where soil impact was identified in borings B-6 and SB-6, installed during the June 2006 geoprobe investigation. Well MW-5 was also installed to determine if impacted groundwater exists outside the tankfield and, if so, determine if it had migrated toward the adjacent property's supply well. The third monitoring well (MW-7) was installed topographically down-gradient of the tankfield to further investigate the occurrence of LPH that was observed in one of the temporary geoprobe wells (GP-11) that bordered the tankfield. The locations of the monitoring wells are depicted on the Site Plan (Figure 1).

Hollow stem auger drilling technology was utilized to sample the lithology and install each of the wells. The wells were constructed to allow for the detection of LPH and also allow for the collection of groundwater samples that would be representative of the water quality in the aquifer. Each well was completed at a depth of 55 ft and was constructed using 35 feet of 4-inch, 0.020 slot Schedule 40 PVC well screen and 20 feet of 4-inch, scheduled 40 PVC casing. The annular space of each well was filled with #2 gravel pack to 2 feet above the uppermost screen slot, followed by a 2-foot bentonite seal. The remaining space between the bentonite seal and surface was grouted with a cement/bentonite slurry. Each well head was completed with a locking cap and steel protective manhole finished flush to grade.

Continuous soil samples were collected during the installation of all the wells via 2 ft split spoon sampling methodology. Samples eliciting the highest PID readings were submitted for laboratory analysis. Soil samples destined for laboratory analyses were composited and packed into clean 4

oz glass jars. The jars were sealed and placed on ice in a cooler. The samples were submitted to PSS to be analyzed for Full Suite VOC's + Oxygenates via EPA Method 8260 and TPH DRO/GRO by EPA Method 8015B. Samples were shipped following Envirotech's chain-of-custody procedures.

4.3 September 2009 Monitoring Well Installation and Geoprobe Investigation

The second phase of geoprobe and drilling investigation was conducted in September and October 2009 when 11 geoprobe borings and seven new monitoring wells were installed. The locations selected for the geoprobe borings and wells were based on findings from the tank excavation investigation that identified areas that warranted further investigation of groundwater conditions in the vicinity of known or suspected soil impact. The locations of the monitoring wells and geoprobe borings are depicted on Figure 8.

4.3.1 September 2009 Geoprobe Investigation

Four geoprobe borings (GP-12 through GP-15) were installed north of the truck scale where a dispenser island had once been located. The boring locations were arranged in a radial pattern such that the center boring (GP-12) was installed at the location where the highest hydrocarbon concentrations were detected in samples that were collected during the product piping and tank closure investigation. This location corresponds roughly to where the former dispenser island was located. The remaining three geoprobe points were installed at a distance of 20 ft north, south and west of GP-12 to evaluate the lateral extent of soil impact. Each of the borings were advanced to refusal, which occurred between 14 and 19 ft bgs.

Four geoprobe points were also installed to assess subsurface conditions east of the facility's scale where four, 2-inch diameter steel product pipes were abandoned in place. The pipes were not removed because of their close proximity to the scale. These geoprobe borings were intended to assess soil conditions beneath the former product piping. The sampling methodology called for the collection of two samples from each boring. As such, the sample eliciting the highest PID reading and a sample collected at the boring termination were submitted for laboratory analysis of Full Suite VOC's + Oxygenates via EPA Method 8260, and DRO / GRO via EPA Method 8015.

Geoprobe sampling methodology was utilized to investigate soil conditions at the base of three drywells that are located in the southwest corner of the property. This area was investigated to determine if hydrocarbon impacted water entered the drywells via gravity drainage through preferential pipe bedding material. The drywells are part of the former septic system and were used for gray water discharge from the facility's plumbing system. The depth of each, from surface grade, ranged from 28 to 29 ft. Soil samples from the bottom of each drywell were collected using a geoprobe equipped with a 4 ft core sampling device that was lowered to the base of each drywell and advanced 4 ft (to approximately 31 ft bgs). Within each of the drywells, a 1-inch diameter monitoring point constructed using 5-ft of 0.020 well screen coupled to approximately 20-25 ft of riser was installed to allow collection of water samples, if encountered. Each monitoring point was terminated and capped at the surface and secured beneath the existing manhole cover.

Composite samples collected from each core sample were screened with a Photoionization Detector (PID) to assess for VOC vapors. Samples eliciting the highest PID readings were submitted for laboratory analysis. Soil samples destined for laboratory analyses were composited and packed into clean 4 oz glass jars. The jars were sealed and placed on ice in a cooler. The samples were submitted to PSS to be analyzed for Full Suite VOC's + Oxygenates via EPA

Method 8260 and TPH DRO/GRO by EPA Method 8015B. Samples were shipped following Envirotech's chain-of-custody procedures. Appendix C contains the boring logs, with specific information about depths, well construction, and soil characteristics encountered while drilling.

4.3.2 September 2009 Monitoring Well Installation

Three monitoring wells were installed to the south, southwest and west of the former tankfield to assess groundwater in the vicinity of the tankfield. They include two wells (MW-13 and MW-14) that were installed on the adjacent property and one well (MW-10) that was installed west of the facility's septic tank.

Two monitoring wells (MW-8 and MW-9) were installed in the central and west-central portion of the site to characterize groundwater conditions in the vicinity of the existing gasoline and diesel dispensers and near the truck scale where impacted soil was observed during tank closure activities. Figure 1 provides the location of the wells.

Hollow stem auger drilling technology was utilized to sample the lithology and install each of the wells. The wells were constructed to allow for the detection of LPH and also allow for the collection of groundwater samples that would be representative of the water quality in the aquifer. Each well was completed at a depth of 55 ft and was constructed using 35 feet of 4-inch, 0.020 slot schedule 40 PVC well screen and 20 feet of 4-inch , scheduled 40 PVC casing. The annular space of each well was filled with #2 gravel pack to 2 feet above the uppermost screen slot, followed by a 2-foot bentonite seal. The remaining space between the bentonite seal and surface was grouted with a cement/bentonite slurry. Each well head was completed with a locking cap and steel protective manhole finished flush to grade.

Continuous soil samples were collected during the installation of all the wells via 2 ft split spoon sampling methodology. Samples eliciting the highest PID readings were submitted for laboratory analysis. Soil samples destined for laboratory analyses were composited and packed into clean 4 oz glass jars. The jars were sealed and placed on ice in a cooler. The samples were submitted to PSS to be analyzed for Full Suite VOC's + Oxygenates via EPA Method 8260 and TPH DRO/GRO by EPA Method 8015B. Samples were shipped following Envirotech's chain-of-custody procedures.

4.4 Camera Survey

A downhole camera was utilized to verify the construction of the facility's former potable well and the older site monitoring wells (MW-1A, MW-1 through MW-4) that do not have completion records. A summary of the well depths and the screened intervals is provided in Table 1. The camera survey revealed that the monitoring wells were constructed using screened intervals that ranged between 8.82 and 10.02 ft and were installed a depths ranging from approximately 44.08 to 50.15 ft bgs.

The camera inspection of the facility's former potable well indicates that the screened interval is partially filled with fine sand and silt. This assumption is based on only 1.91 ft of exposed well screen that was observed at the bottom of the well. The total depth of the well was measured at 119.75 ft bgs and is constructed of 6-inch diameter steel casing to a depth of 118.33. At 118.33 ft the well transitions to 4-inch diameter wire-wrapped screen that was observed to a depth of 119.75.

4.5 Groundwater Sampling

Groundwater sampling of each site monitoring well is conducted on a quarterly basis. The former potable well is sampled on a monthly basis and has been sampled once as part of this investigation. Groundwater sampling also included four temporary geoprobe wells that were installed around the tankfield in October 2008 and from 2 temporary monitoring wells that were installed in drywells that formerly collected gray water from the facility's septic system. The following provides a summary of the groundwater sampling methods.

4.5.1 Temporary Geoprobe Well Sampling

Four of the 11 temporary geoprobe wells that were installed October 3 and 6, 2008 were sampled on October 9, 2008. The temporary geoprobe monitoring wells that were installed in the drywells on October 1, 2009 were sampled on October 23, 2009. All water sampling was performed in accordance with industry standard practices. Before any of the temporary wells were sampled, water level measurements were collected using an oil/water interface probe. Dedicated disposable teflon bailers were then used to extract samples from the wells. To ensure sample integrity, a new teflon bailer was used to sample each well. The samples were submitted to PSS to be analyzed for Full Suite VOC's + Oxygenates via EPA Method 8260 and TPH DRO/GRO by EPA 8015B. A summary of geoprobe monitoring data is provided in Table 3; laboratory reports of analysis are provided in Appendix D. A map showing the location of the geoprobe monitoring points is provided as Figure 8.

4.5.2 Monitoring Well Sampling

Groundwater samples from monitoring wells MW-1A, MW-1 through MW-14 and the potable well were collected on October 19, 20 and 21, 2009. All water sampling was performed in accordance with industry standard practices. The wells were gauged with an oil/water interface probe to determine liquid levels and then purged to the maximum extent practical. Dedicated disposable teflon bailers were then used to extract samples from the wells. The samples were submitted to PSS to be analyzed for VOC's + Oxygenates via EPA Method 8260 and TPH DRO/GRO by EPA 8015B. Samples collected for laboratory analysis were placed in appropriately preserved clean glass jars, sealed with teflon lined lids, and kept on ice in a cooler until delivery to the laboratory under Envirotech's chain-of-custody procedures.

4.6 Potable Well Cleaning and Sampling

On September 3, 2009 and October 2, 2009, the potable well was inspected via a down-hole camera to determine the construction of the well. The initial camera inspection was not successful because of biological growth that inhibited view of the submerged portion of the well. It was therefore necessary to clean the submerged portion and follow up with a second camera survey.

To clean the well casing and screen, a food-grade nylon threaded-shank brush of the same diameter of the well was inserted in the well and worked up and down across the submerged section. Solids generated during the cleaning procedure were removed using an air-lift apparatus. Purging was completed after approximately 4 hours and resulted in the removal of approximately 275 gallons of water and approximately 3 cubic feet of sediment. The well depth was increased from an initial depth of 113 ft to 119.75 ft. Water derived from the well was contained in drums where suspended solids were allowed to settle before being treated and discharged by the on-site treatment system.

On October 21, 2009, groundwater samples were collected from facility's potable well. The well was purged using a submersible pump installed to a depth equaling the mid-point of the screened interval where the required volume was extracted. Dedicated 1-inch diameter HDPE tubing was used to route the purged groundwater to an on-site treatment system where the water was contained and later discharge in accordance with the facilitiy's NPDES permit. Three casing volumes of water (approximately 300 gallons) were removed from the well before collecting the sample. Pumping occurred at a rate of approximately 10.7 gallons per minute over a period of 28 minutes. The maximum draw-down was 4.97 ft, recorded at an elapsed time of 28 minutes (the end of the test). The pH of the water was measured at the start of purging and at a rate of twice per casing volume. The initial pH was 7 and each successive measurement was recorded at 6.5. Samples collected for field screening and laboratory analysis were taken from a sampling port that was fitted in-line at the top of the well. The laboratory samples were analyzed for full suite VOC's + Oxygenates via EPA Method 8260, and total petroleum hydrocarbons (TPH) DRO / GRO via EPA Method 8015. The samples were submitted to PSS under Envirotech's chain of custody procedures.

5.0 RESULTS

5.1 Soil Sampling Results

5.1.1 Geoprobe Soil Core Sampling Results

Table 2 summarizes the PID screening and laboratory analytical results of soil core samples collected from each of the geoprobe borings. A site plan displaying concentrations of BTEX, TPH DRO/GRO and MTBE at each of the sampling points is attached as Figure 9**.** Laboratory analytical results for all of the soil core samples are contained in Appendix D.

TPH GRO results for geoprobe core samples collected during the investigation indicate concentrations ranging from <110 ug/kg in two of the samples (GP- 1 and GP-16) to 320,000 ug/kg in GP-18 collected at 10-15 ft. The highest TPH GRO concentrations were seen in shallow soils collected from GP-18 and GP-17, located east of the truck scale where former product piping had been abandoned in-place. Two samples were collected at both locations at increasing depths to assess the vertical profile of hydrocarbon impact and show that constituent concentrations (BTEX, GRO and DRO) decreased with depth.

The results show that TPH DRO was detected in 19 of the samples collected. Concentrations of TPH DRO ranged from <11 mg/kg in six of the samples (GP-1, GP-2, GP-9 GP-13, GP-15, and GP-16) to 4600 mg/kg in DW-1 at 28-31ft. The highest concentrations were observed in the southwest corner of the property and west of the truck scale where former product lines were abandoned in-place. Soil impact in the southwest area appears to be related to product line and utility trenches where lateral migration of infiltrated surface water and hydrocarbon constituents occurred. A majority of these trenches have since undergone excavation to remove impacted soils and former product piping. As discussed above, sets of samples were collected from geoprobe borings GP-16 through GP-19 to assess vertical hydrocarbon distribution in those locations. With the exception of GP-19 (3000 mg/kg at 10-14 ft), each of the sample sets showed a significant decrease in DRO concentration with depth. For the deep-sample data set collected from GP-16 through GP-18, DRO concentrations ranged from <11 mg/kg (MW-16 at 13-15) to 430 mg/kg (MW-17 at 13-15 ft).

5.1.2 Monitoring Well Soil Core Sampling Results

A summary of analytical results for the soil core samples collected while installing the monitoring wells is presented in Table 2**.** Laboratory analytical reports for all of the soil samples are contained in Appendix D. A site plan displaying concentrations of BTEX, TPH DRO/GRO and MTBE at each of the sampling points is attached as Figure 10**.**

Soil analytical results for TPH GRO indicate that 6 of the 10 core samples contain GRO concentrations above the method detection limits at concentrations ranging from 4,700 ug/kg (MW-7 at 8-10 ft) to 220,000 (MW-11 ug/kg at 20–22 ft). The highest concentration (MW-11) corresponded to the location where elevated soil impact was detected during tank closure activities in the southeast corner of the former tankfield. GRO concentrations at greater depths were detected in monitoring wells MW-8 (17,000 ug/l at 46-48 ft) and MW-9 (39,000 ug/l at 24-26 ft).

The results indicate that TPH DRO was detected in 7 of the 10 soil samples that were collected while installing the monitoring wells. DRO concentrations contained in those samples ranged from 14 mg/kg (MW-10 at 6-8 ft) to 1400 mg/kg (MW-13 at 8-10 ft). Shallow impact, detected in the sample collected from MW-13, appears to be related to hydrocarbons that were observed in a former drain pipe and bedding material located along the southeast border of the property. Both the drain pipe and the impacted bedding material were removed as part of the recent tank system closure. It is also suggested that DRO detected at a concentration of 890 mg/kg at 8-10 ft in the soil sample collected from MW-7 is related to a nearby trench that contained product lines and impacted soils that were removed during tank closure activities. The geology in both of these locations is characterized as having inter-bedded sand and clay that could facilitate lateral migration of groundwater and hydrocarbon constituents.

Soil analytical results indicate that BTEX constituents were detected in five of the soil samples at concentrations that ranged from 101 ug/l (MW-7 at 8-10 ft) to 58,900 ug/kg (MW-12 at 24-26 ft). BTEX was also detected in MW-11 (31,740 ug/kg at 20 -22 ft) located in the southeast corner of the tankfield. The analytical results indicate that MTBE was detected in only one of the samples (MW-9) at a concentration of 60 ug/kg in the sample collected from 24 to 26 ft.

5.2 Groundwater Sampling Results

5.2.1 Temporary Geoprobe Monitoring Well Sampling Results

A summary of groundwater sampling analytical results for the temporary geoprobe wells is presented in Table 3. Laboratory analytical reports for all of the groundwater samples are contained in Appendix D. A site plan displaying concentrations of BTEX, TPH DRO/GRO and MTBE at each of the sampling points is attached as Figure 11**.**

Analytical results show that GRO and BTEX were detected in three of the six temporary geoprobe monitoring points (DW-1, GP-4 and GP-8). GRO constituents were reported at concentrations of 180 ug/l, 200 ug/l and 340 ug/l, while BTEX was reported at 24 ug/l, 19 ug/l and 11 ug/l, respectively. DRO was reported in samples collected from two of the monitoring points (GP-9 and GP-8) at concentrations of 2.1 ug/l and 23 ug/l, respectively. DRO analysis was not performed on DW-1 and DW-2 because of insufficient sample volume that resulted from the lack of recharge to the well.

Samples from DW-1 and DW-2 were collected from monitoring points installed inside two abandoned drywells that were constructed with bottom elevations at 28 ft bgs. The monitoring points were each installed three ft below the bottom of the drywells from 28 ft to 31 ft. Prior to sampling, liquid levels in the well points were gauged at 29.28 and 29.59 ft, respectively. From this information and given that the first water bearing zone is at approximately 45 feet bgs, it is suggested that these samples are representative of surface water that has infiltrated and migrated through utility trenches that contain low concentrations of remnant hydrocarbon constituents. Similarly, water samples collected from GP-8 are representative of infiltrated surface water that was contained in a former drainage trench from the former tankfield. The trench has since been excavated to remove the pipe and hydrocarbon affected soils.

5.2.2 Monitoring Well Sampling Results

A summary of historical groundwater sampling analytical results for the monitoring wells is presented in Table 4**.** Laboratory analytical reports for the October 2009 groundwater sampling event are contained in Appendix D. A site plan displaying concentrations of BTEX, TPH DRO/GRO and MTBE at each of the monitoring wells using the October 2009 data is attached as Figure 12**.** Laboratory analytical results from this sampling event are described in the following paragraphs.

GRO was detected in samples collected from monitoring wells MW-6, MW-12, and MW-9 at 610 ug/l, 640 ug/l and 2400 ug/l, respectively. DRO was detected in MW-8 and MW-12 at concentrations of 0.8 mg/l and 0.6 mg/l, respectively.

BTEX constituents were detected in four of the monitoring wells (MW-6, MW-9, MW-12, and MW-14) and the potable well at concentrations that ranged from 2 ug/l (MW-14) to 369 ug/l (MW-9). MTBE was detected in six of the monitoring wells and the potable well at concentrations that ranged from 1 ug/l (MW-14) to 9 ug/l (MW-12). Wells affected by MTBE were observed in the south-central and southwest portion the site. BTEX constituents were observed in wells located in close proximity to the tankfield and in one well (MW-9) that was installed to characterize groundwater in the vicinity of a former dispenser located near the truck scale in the west-central portion of the site.

Analytical testing also identified nine additional volatile constituents in samples collected from four of the monitoring wells (MW-6, MW-9, MW-12 and MW-14). These constituents were detected at low concentrations (below drinking water standards).

From a historical perspective, groundwater sampling data indicates that dissolved petroleum hydrocarbon constituent concentrations are low, and in general, show concentrations are decreasing with time. This trend is evident in historical data represented by MW-1A and MW-1 through MW-5. Only one sampling event has been completed for the newly installed monitoring wells MW-8 through MW-14, but these results also indicate low constituent concentrations.

5.3 Hydrocarbon Occurrence

Historical gauging data indicate that LPH has not been observed in any of the monitoring wells. On October 8, 2008, 0.70 ft of LPH was recorded in GP-11, approximately 2 days after installation at a depth of 13.55 ft bgs. From the physical characteristics and odor, the LPH was characterized as diesel fuel. The monitoring point was bailed of LPH to the maximum extent, after which, low recharge of LPH was observed. A follow up liquid level monitoring event indicated decreased LPH thickness. This monitoring point, GP-11, and the surrounding soils

were excavated in March, 2009 as part of the tank and product piping closure activities. Table 3 provides a summary of the liquid level data for each of the geoprobe monitoring points.

5.4 Area Supply Well Sampling Results

Groundwater analytical results for potable wells along the Veterans Highway corridor and properties west of Interstate 97 that were sampled between December 2007 and June 2008 were available from MDE's case summary and are presented in Table 5. An area map showing the locations of these wells and the analytical results is provided as Figure 2. The analytical results indicate that the five contiguous properties to the south of the Site have petroleum impacted potable wells. With the exception of the potable well closest to the Site, each contains hydrocarbon concentrations that exceed drinking water standards. Benzene and MTBE concentrations in the off-site wells are higher than respective constituent concentrations confirmed in wells located on the Transit Truck property. This is displayed in the results for benzene that was detected at 21 ug/l, 160 ug/l, 5.14 ug/l and 92.6 ug/l at the Federal Credit Union (FCU), Jiffy Hitch, Severna Park Racketball Club and Capezio Contractors, respectively.

Three potable wells located immediately west of Interstate 97 were also identified as containing hydrocarbon constituent concentrations above regulatory drinking water standards. From the data, these wells contained the highest concentrations of benzene, ranging from 92.6 ug/l (212 Najoles Road) to 338 ug/l (210 Najoles Rd). Based on regional groundwater flow moving to the southeast, these wells are located up-gradient of the potable supply wells located along the Veterans Highway corridor. This data suggests that impact along the Veterans Highway corridor is most probably associated with an unidentified source in the 200 block of Najoles Road. Further evidence supporting this conclusion is supported by data that shows the highest benzene concentrations occur hydraulically down-gradient (east-southeast) of the Najoles Road properties and that diminishing concentrations occur cross-gradient toward the Transit Truck Stop.

6.0 RISK ASSESSMENT

Potential for impact to on-site and off-site receptors from groundwater originating on the Site is low. Potential receptors in the area include neighboring potable wells, buildings and buried utilities. The closest potable well currently in use is located on the neighboring property to the south of the Site. Impact to that potable well has been reported at concentrations below drinking water standards. It is unlikely that the source of those constituents originated from the Site because of the distance to the receptor well and the low petroleum concentrations exhibited in the Site's former Potable well and the Site monitoring wells. Further, no target compounds were detected in a sentry well (MW-5) that was installed between the former tankfield and the neighboring potable well. The well (MW-5) was installed to monitor potential impact originating from the Site's former tankfield. Historical groundwater sampling data indicates that for each sampling event, no target compounds have been detected in monitoring well MW-5.

Both the Site restaurant building and the neighboring office-park building are constructed with a slab-on-grade foundation. Risk of indoor air quality issues associated with fugitive hydrocarbons originating from the Site is minimal due to the distance and the lack of significant fugitive hydrocarbon concentrations. In addition, soil and groundwater sampling data from MW-13 and MW-14 indicate minimal off-site impact to the south of the site. This data, in conjunction with the lithology found at the site and published geologic information suggests that the movement of hydrocarbons is inhibited by the low permeability of the soils, further reducing the risk to the off-site receptors.

Potential impact to underground utility lines is minimal. Buried utilities that include natural gas, water, telecommunications and sanitary all enter the Site's restaurant building from the south. The buried natural gas, water and telecommunications lines are all located up-gradient of the former tank system and are not at risk. A portion of the site's sanitary sewer piping and the former drywell have been moderately impacted by low level hydrocarbon constituents residing in former trench backfill material. The source of impact was identified when nearby product line trenches were excavated. The excavation work included removal of impacted trench media, thus eliminating any ongoing source of impact to the sanitary sewer system.

7.0 SUMMARY OF SITE CONDITIONS

- The site is an active retail service station that dispenses both gasoline and diesel fuel from two newly installed UST's.
- Between March 19 and May 18, 2009, four UST's, eight fuel dispensers and 765 ft of trench were excavated as part of the decommissioning of the facility's former fuel distribution system.
- A total of 3,136 tons of soil were excavated and removed from the site during tankfield and product piping trench remediation.
- The area surrounding the site is comprised predominantly commercial establishments and highway.
- There are two water supply wells located with 500 ft of the site and eleven within a quarter mile radius.
- The site-specific geology consists of various ratios of clay and silt with inter-bedded layers of fine sand of variable thickness. Overburden to a depth of approximately 35 feet is predominantly comprised of clay and provides a cap atop the first water bearing zone.
- Groundwater at the site is encountered at approximately 45 feet below grade and appears to be confined under a significant layer of native clay that exists across the site. The groundwater surface has approximately 2.30 feet of vertical relief across the site at a hydraulic gradient of 0.014 ft/ft and flows to the southeast.
- Between October 2008 and October 2009, 21 geoprobe borings and 10 monitoring wells were installed to characterize soils and groundwater in locations where impact was most likely to occur.
- Soil analytical results from samples collected during the installation of geoprobe borings and monitoring wells indicate 11 of the samples exceeded non-residential cleanup standards. Of those samples, all but one (MW-8) was collected from shallow soil above the first water bearing zone.
- Groundwater analytical results for October 2009, show that five of the fifteen monitoring wells were non-detect for all of the target analytes and that drinking water standards were marginally exceeded in only five of the fifteen monitoring wells.
- Groundwater analytical results for the Site's potable well indicate benzene was present at the drinking water standard of 5 ug/l and that toluene and MTBE were detected at 1 ug/l and 7 ug/l, respectively.
- Based on groundwater analytical results that indicate minimal to no hydrocarbon impact, risk to potential receptors from groundwater on and off-site is enumerable low.
- Risk to Site and area receptors from impacted soil is also minimal due to the impermeable nature of native soils and extensive soil excavation that was conducted during tank system closure activities.
- MDE records indicate that ten area water supply wells contain petroleum hydrocarbon constituents, five of which were above drinking water standards.

- Area potable supply wells with the greatest impact are located in the 200 block of Najoles Road, hydraulically cross and up-gradient of the Site.
- Potable supply wells to the south of the Site, including the Veteran Plaza, Federal Credit Union and Jiffy Hitch are located hydraulically down-gradient of the 200 Block of Najoles Road and should be considered a potential receptor of impact from the Najoles Road properties.
- Benzene, detected at concentrations above drinking water standards, was detected in groundwater samples collected from the Severna Park Racketball Club and Capezio Contractors. These properties are also located hydraulically down-gradient from the Najoles Road properties where groundwater with the highest petroleum impacted was identified.

8.0 CONCLUSIONS

The following provides a summary of conclusions that were derived from a comprehensive review of historical and current data that has been collected.

From the investigation results, minimal impact to groundwater has been observed and although soil impact was identified, the impermeable nature of shallow soils has significantly impeeded it's vertical and lateral migration. Because of the limited mobility of residual hydrocarbons in soil and the general lack of groundwater impact, risk to on and off-site receptors is negligible.

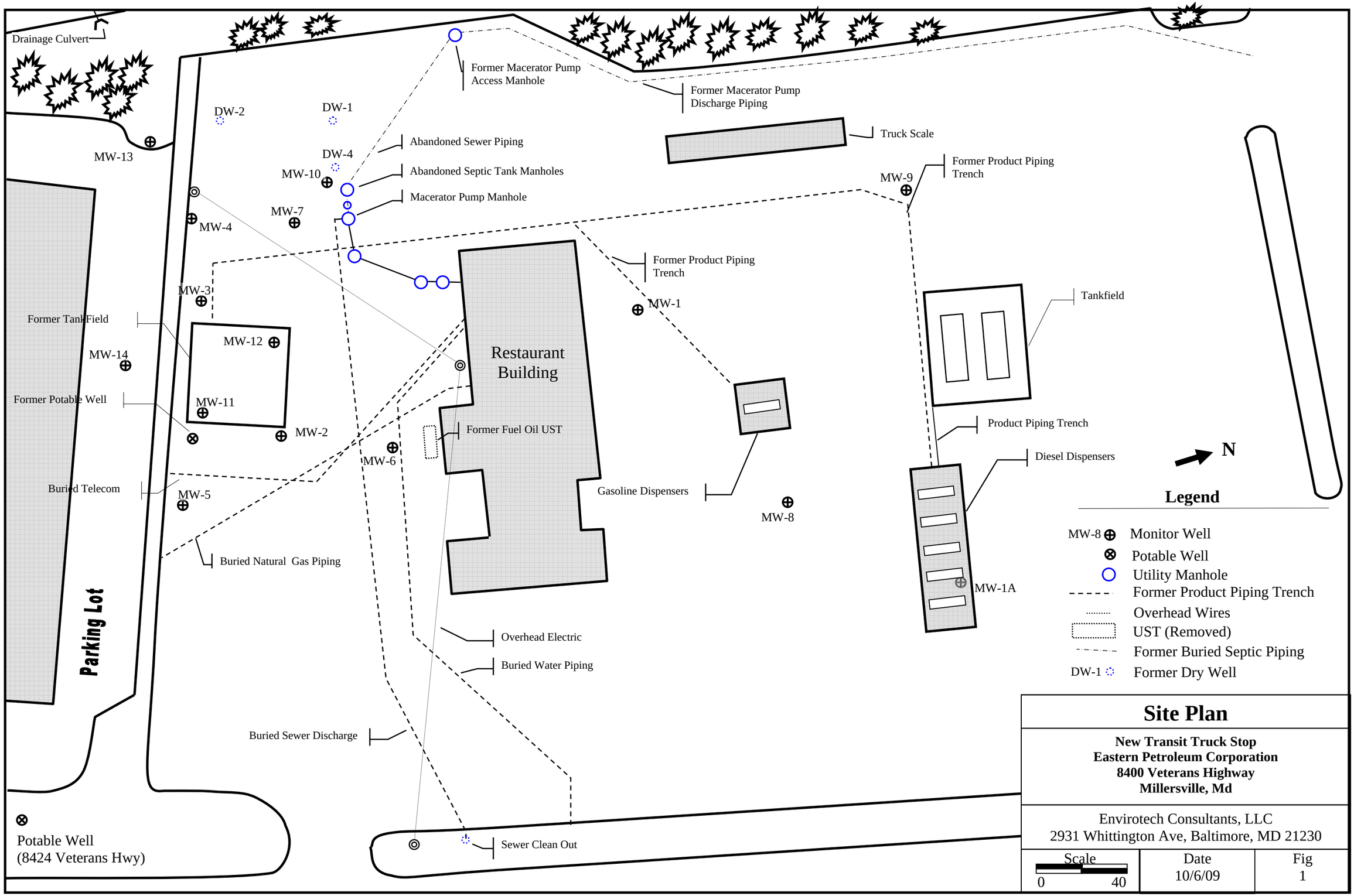
Given that groundwater flow in the area is to the southeast, it is suggested that potable supply wells in the 8400 and 8500 block of Veterans Highway have been impacted by hydrocarbon affected groundwater originating from the 200 block of Najoles Road or from the Millersville Landfill. These potential off-site sources are both located cross or up-gradient from all of the impacted supply wells. Existence of an off-site source is also supported by data showing that the severity of impact to supply wells generally increases with distance away from the Site. To the southwest of the site, where it is suggested an unknown source exists, hydrocarbon concentrations are the highest in any of the wells.

9.0 RECOMENDATIONS

Based on current site conditions Envirotech Consultants, LLC, on behalf of Eastern Petroleum, requests a monitor only program consisting of quarterly groundwater sampling events for a 1 year period ending with a fourth quarter 2010 sampling event. At the end of this period, the data collected will be reviewed. If concentrations of dissolved hydrocarbons are determined to be stable or decrease over that period, then Eastern Petroleum, will respectfully request that closure be granted for Case #07-0124AA by the MDE. Pending approval from the MDE, all site wells will be removed and properly abandoned per MDE Regulations.

If, after evaluation of closure monitoring data it is determined that the goal has not been maintained through the one year period, then depending on site conditions, further monitoring or remedial action will be evaluated.

FIGURES

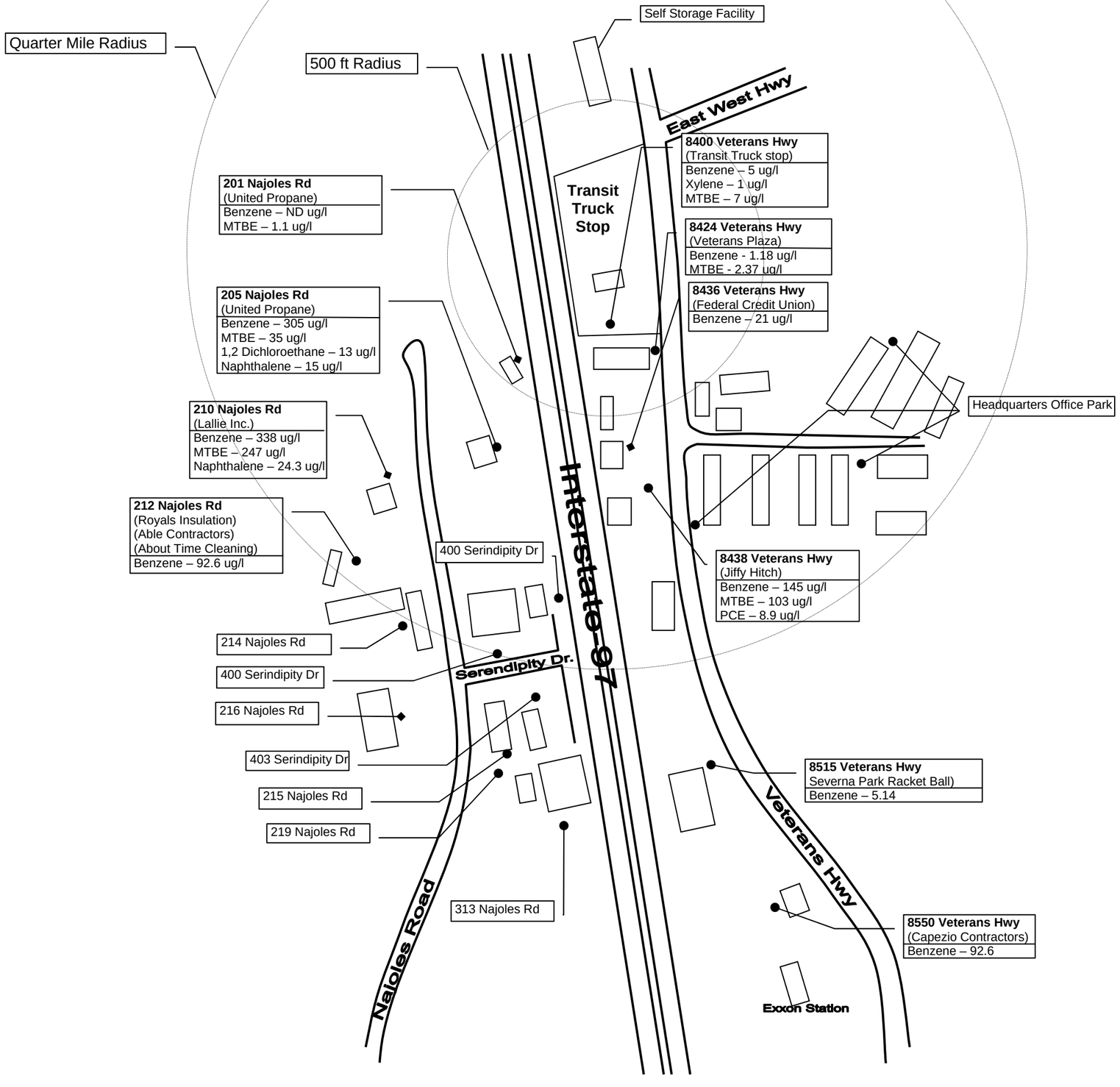


Site Plan

New Transit Truck Stop
Eastern Petroleum Corporation
8400 Veterans Highway
Millersville, Md

Envirotech Consultants, LLC
2931 Whittington Ave, Baltimore, MD 21230

Scale	Date	Fig
0 40	10/6/09	1



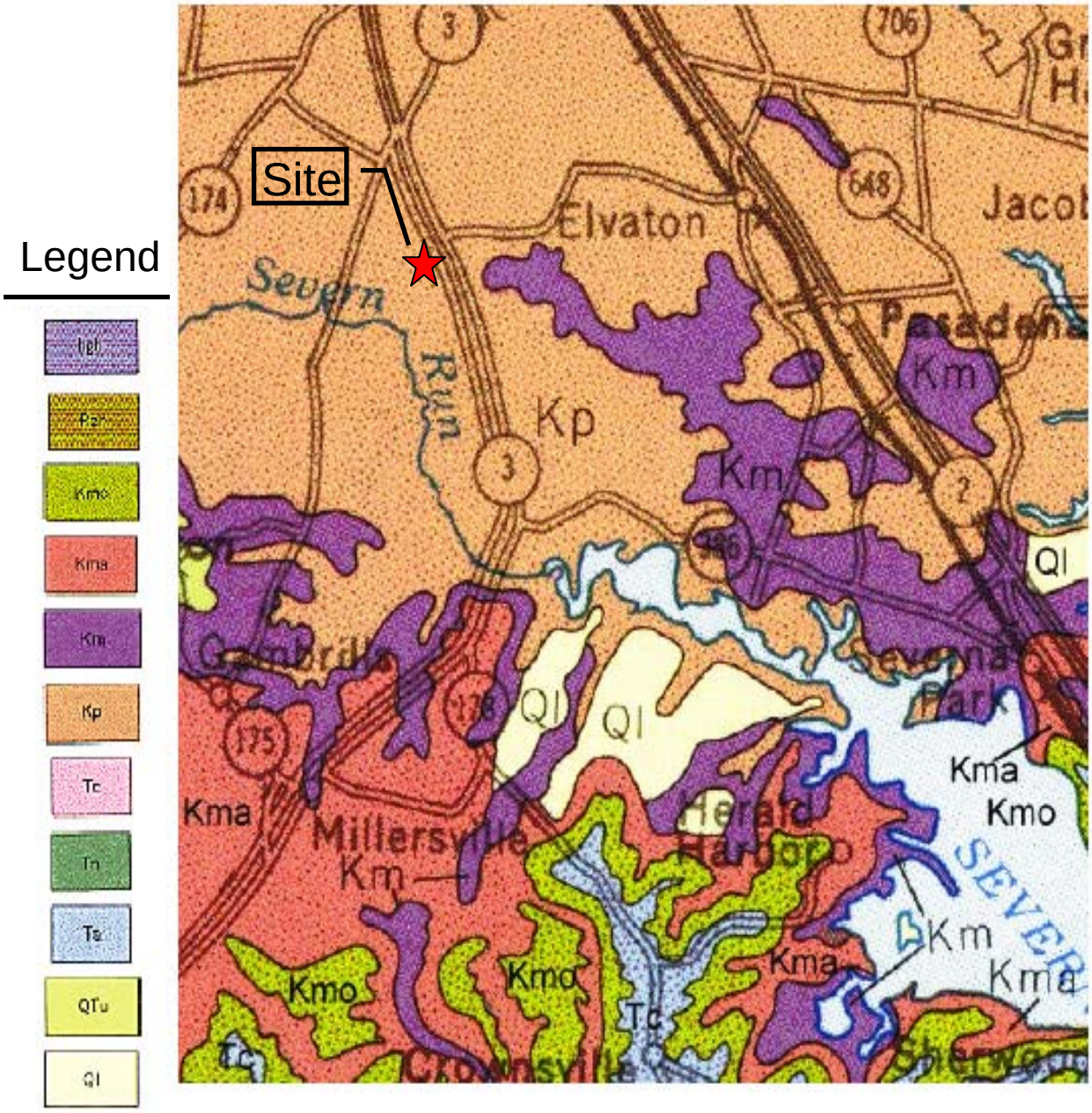
Note: Analytical Results Obtained From MDE Case Update Web Site
(See Table 5 for Sampling Dates)

Area Map Showing Local Potable Well Locations and Groundwater Analytical Results of Affected Wells

New Transit Truck Stop
Eastern Petroleum Corporation
8400 Veterans Highway
Millersville. Md

Envirotech Consultants, LLC
2931 Whittington Ave, Baltimore, MD 21230

Scale (approx)	Date	Fig
0 350	11/18/09	2



Km — **Magothy Formation**
Loose, white, cross-bedded, "sugary", lignitic sands and dark gray, laminated silty clays; white to orange-brown, iron-stained, subrounded quartzose gravels in western Anne Arundel County; absent in outcrop southwest of Patuxent River; thickness 0 to 60 feet.

Kp — **Potomac Group**
Interbedded quartzose gravels; protoquartzitic to orthoquartzitic argillaceous sands; and white, dark gray and multicolored silts and clays; thickness 0 to 800 feet.

Raritan and Patapsco Formations
Gray, brown, and red variegated silts and clays; lenticular, cross-bedded, argillaceous, subrounded sands; minor gravels; thickness 0 to 400 feet.

Arundel Clay
Dark gray and maroon lignitic clays; abundant siderite concretions; present only in Baltimore-Washington area; thickness 0 to 100 feet.

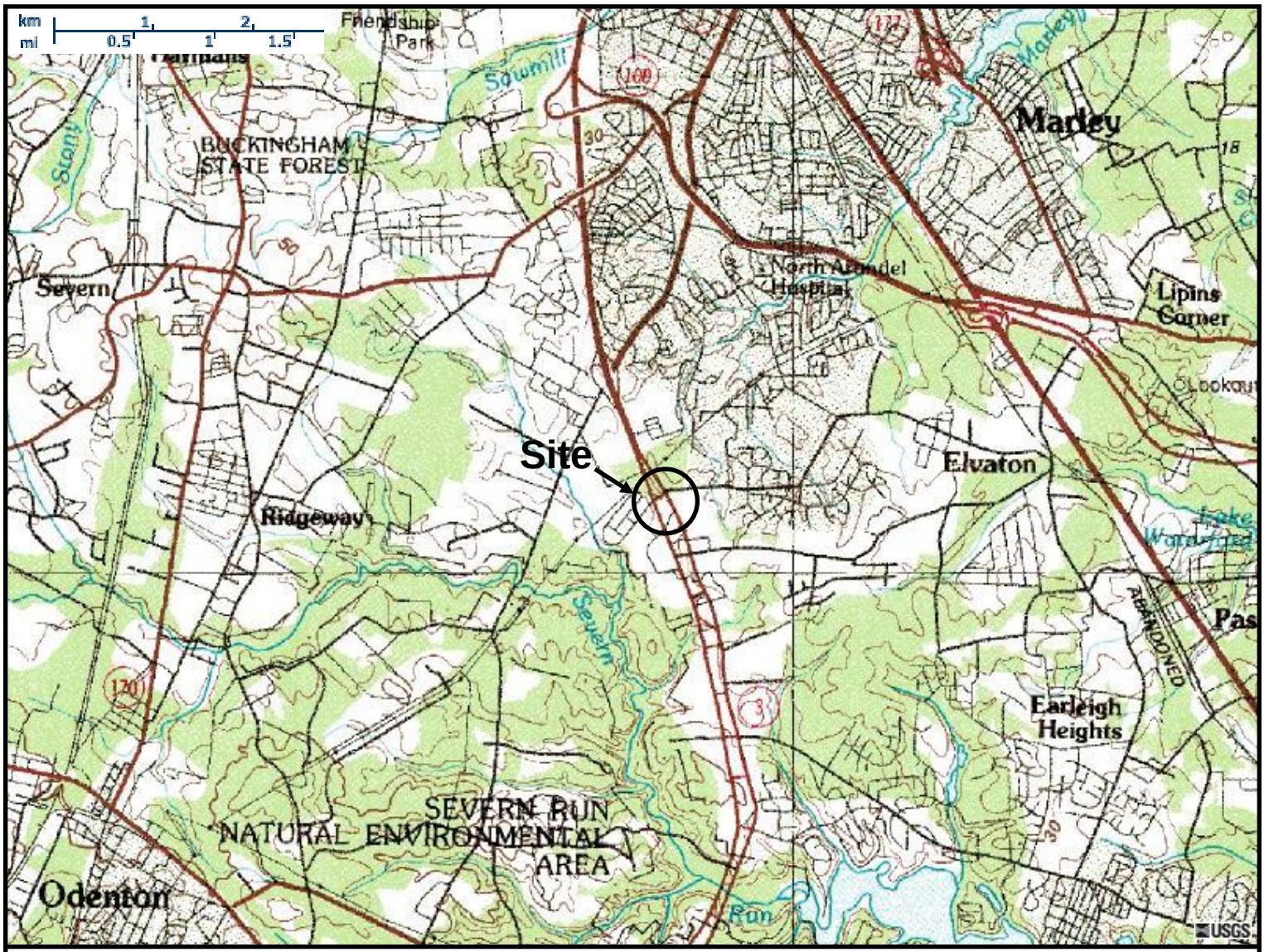
Patuxent Formation
White or light gray to orange-brown, moderately sorted, cross-bedded, argillaceous, angular sands and subrounded quartz gravels; silts and clays subordinate,

Geologic Map

New Transit Truck Stop
Eastern Petroleum Corporation
8400 Veterans Highway
Millersville, Md

Envirotech Consultants, LLC
2931 Whittington Ave. Baltimore. MD

No Scale	Date 10/6/09	Fig 3



REFERENCE

United States
Department Of The Interior
Geological Survey

South Gate Quadrangle
Maryland
7.5 Minute Series (Topographic)

Contour Interval = 20 ft

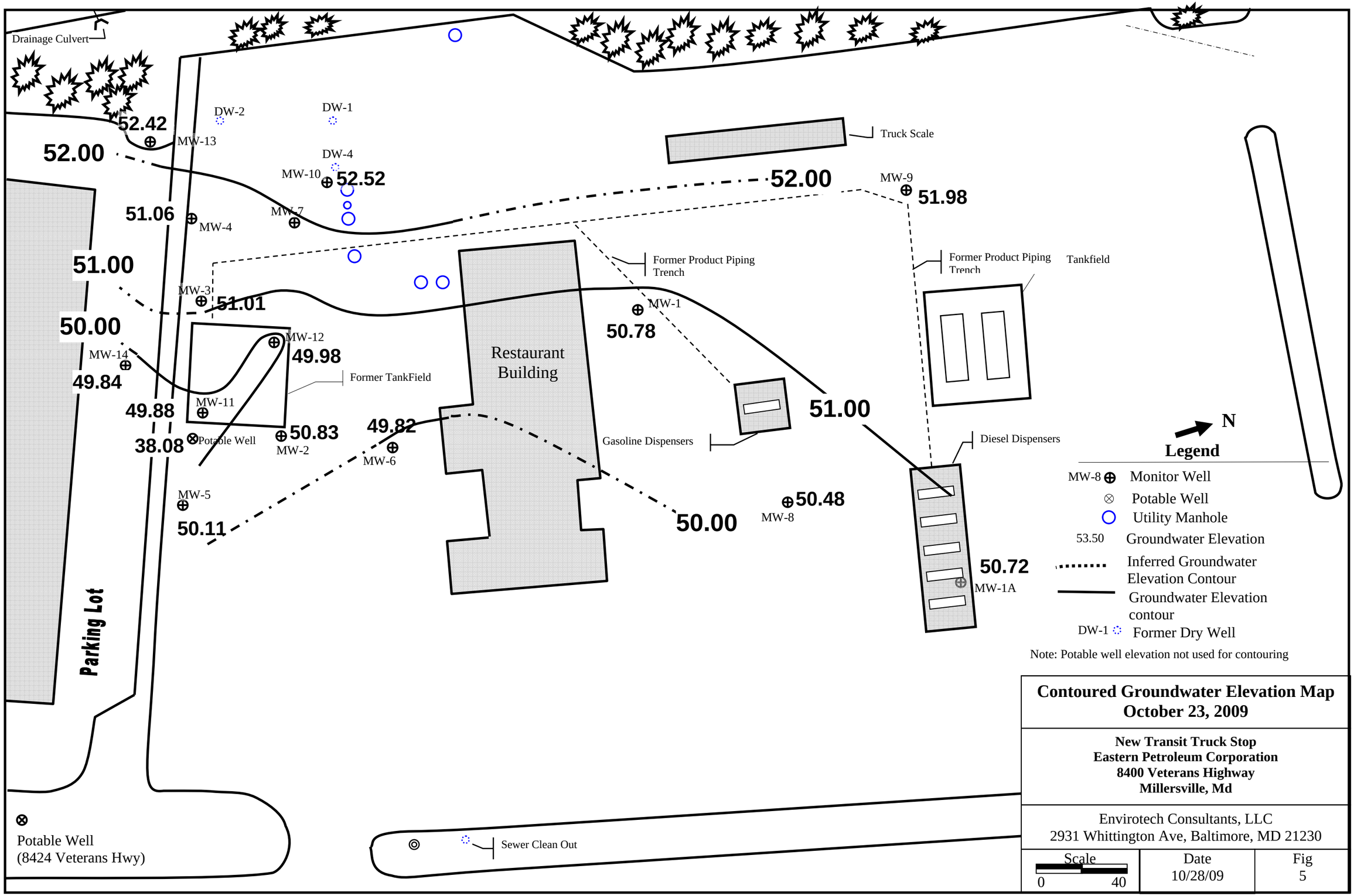
N

Topographic Map

New Transit Truck Stop
Eastern Petroleum Corporation
8400 Veterans Highway

Envirotech Consultants, LLC
2931 Whittington Ave, Baltimore, MD

	Date	Fig
	10/29/09	4



Contoured Groundwater Elevation Map
October 23, 2009

New Transit Truck Stop
Eastern Petroleum Corporation
8400 Veterans Highway
Millersville, Md

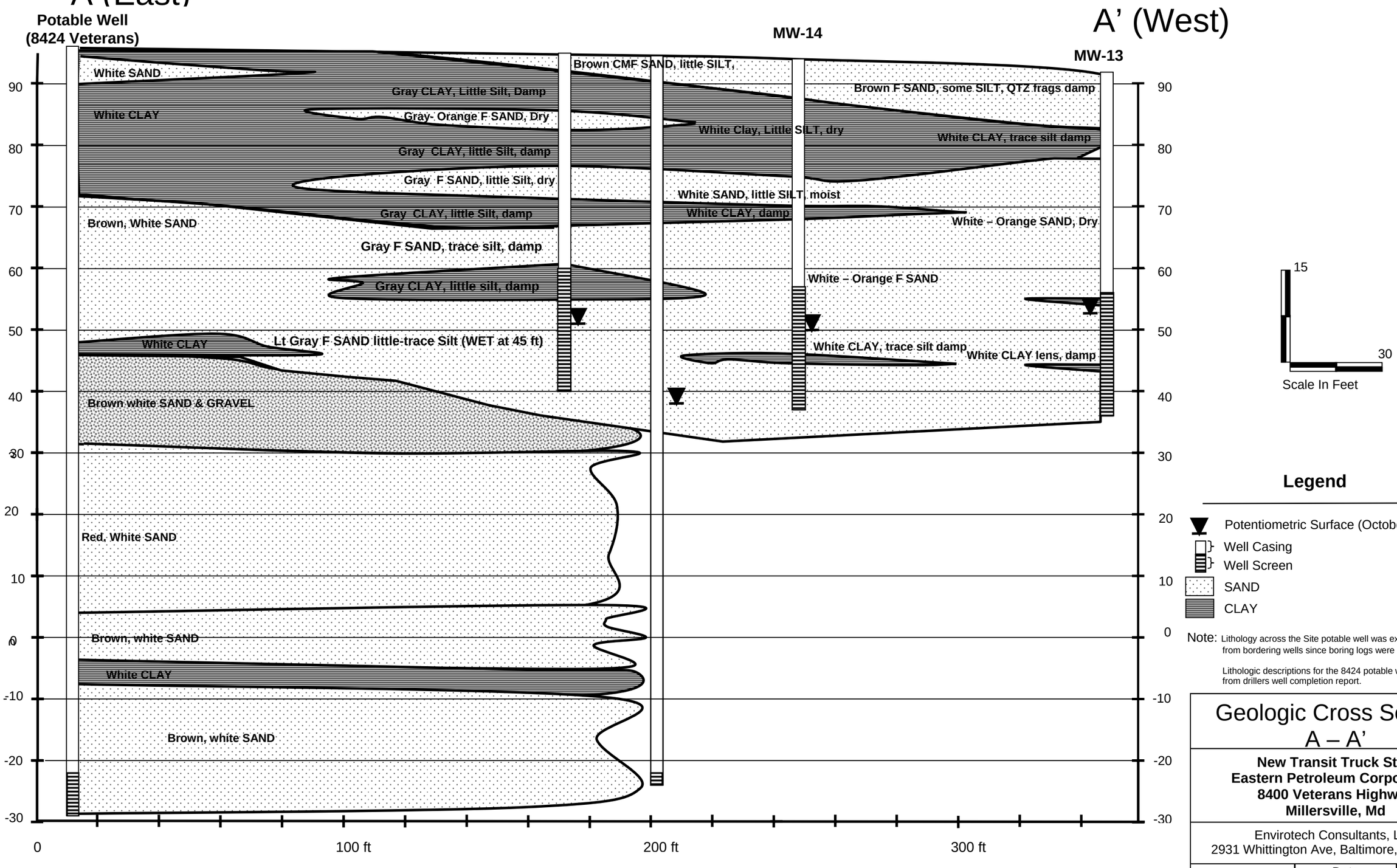
Envirotech Consultants, LLC
2931 Whittington Ave, Baltimore, MD 21230

Scale	Date	Fig
0 40	10/28/09	5

GEOLOGIC CROSS SECTION OF SECTION A – A’

A (East)

A’ (West)



15

30

Scale In Feet

Legend

- Potentiometric Surface (October 23, 2009)
- Well Casing
- Well Screen
- SAND
- CLAY

Note: Lithology across the Site potable well was extrapolated from bordering wells since boring logs were not available.

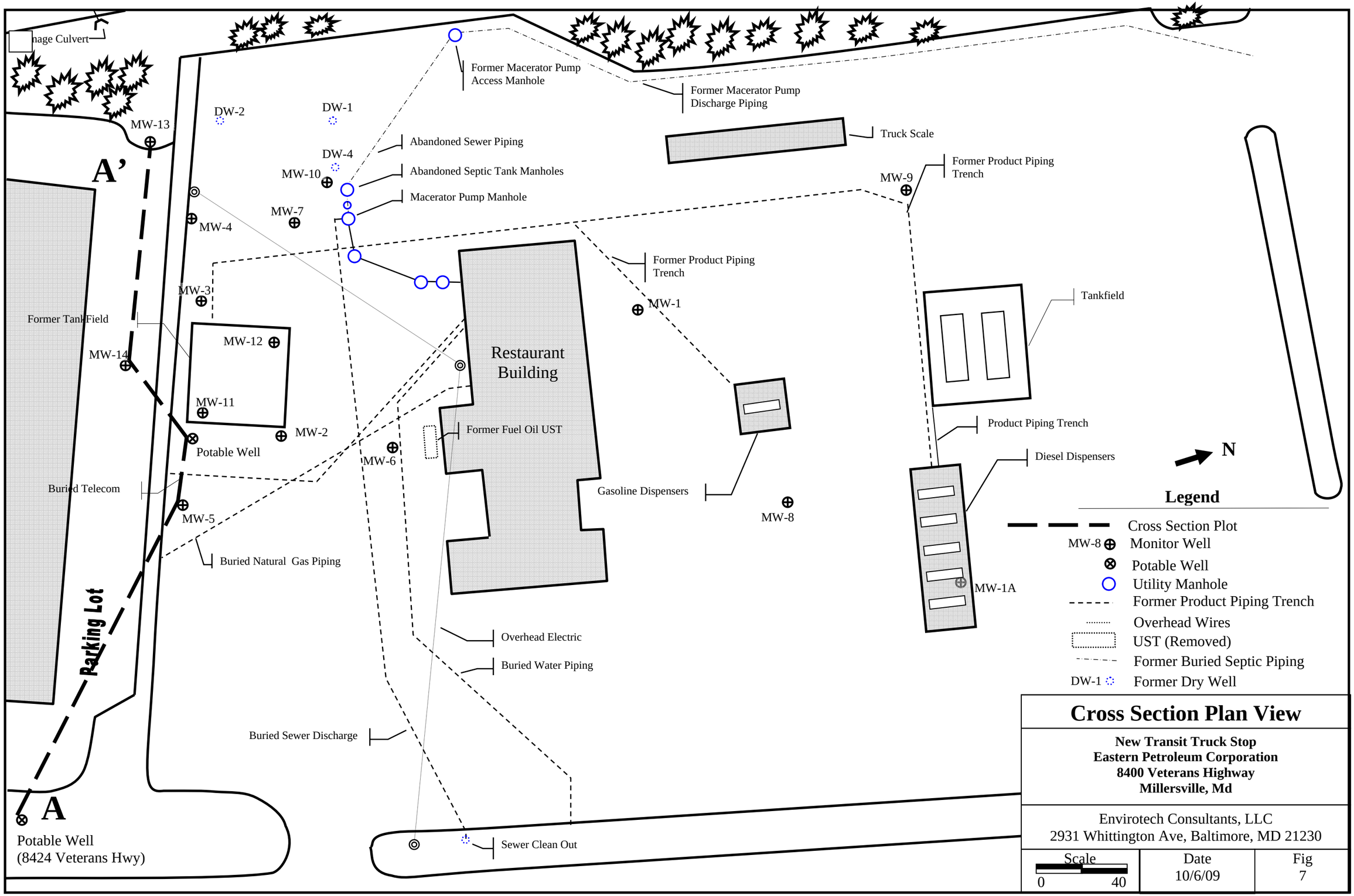
Lithologic descriptions for the 8424 potable well were taken from drillers well completion report.

Geologic Cross Section A – A’

New Transit Truck Stop
Eastern Petroleum Corporation
8400 Veterans Highway
Millersville, Md

Envirotech Consultants, LLC
2931 Whittington Ave, Baltimore, MD 21230

	Date	Fig
	11/18/09	6

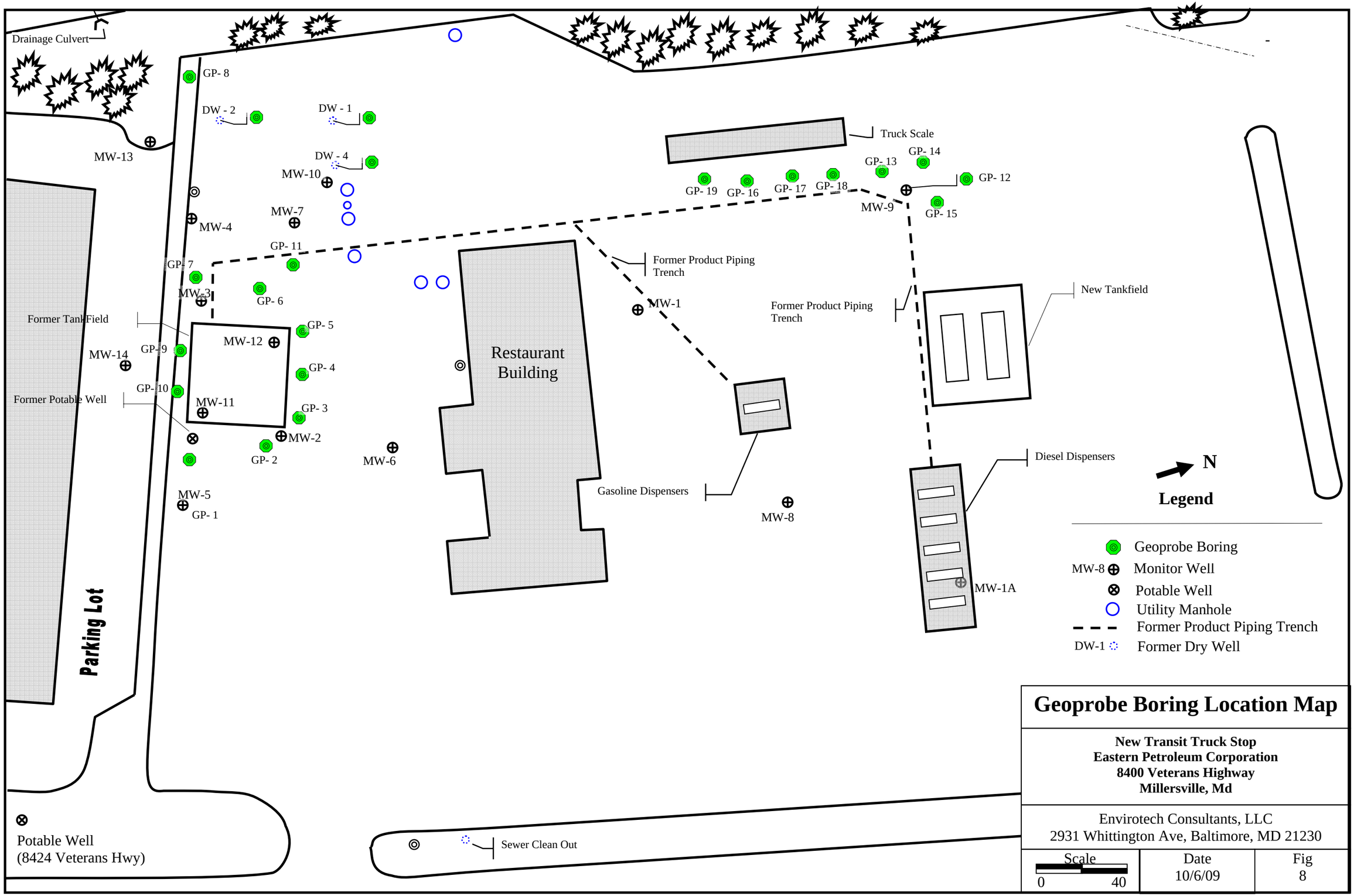


Cross Section Plan View

New Transit Truck Stop
Eastern Petroleum Corporation
8400 Veterans Highway
Millersville, Md

Envirotech Consultants, LLC
2931 Whittington Ave, Baltimore, MD 21230

Scale	Date	Fig
0 40	10/6/09	7



Geoprobe Boring Location Map

New Transit Truck Stop
Eastern Petroleum Corporation
8400 Veterans Highway
Millersville, Md

Envirotech Consultants, LLC
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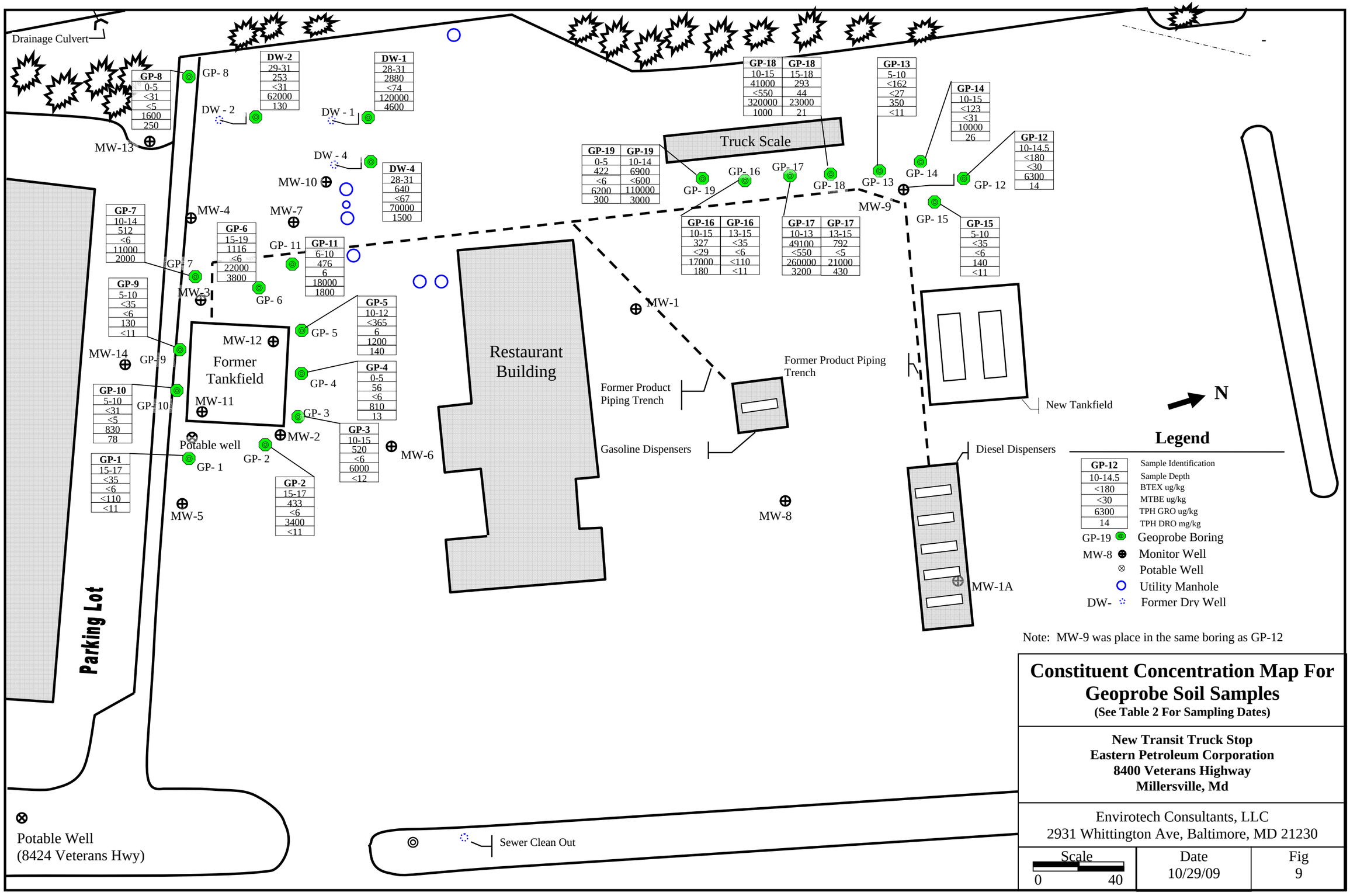
Scale	Date	Fig
0 40	10/6/09	8



Note: MW-9 was place in the same boring as GP-12

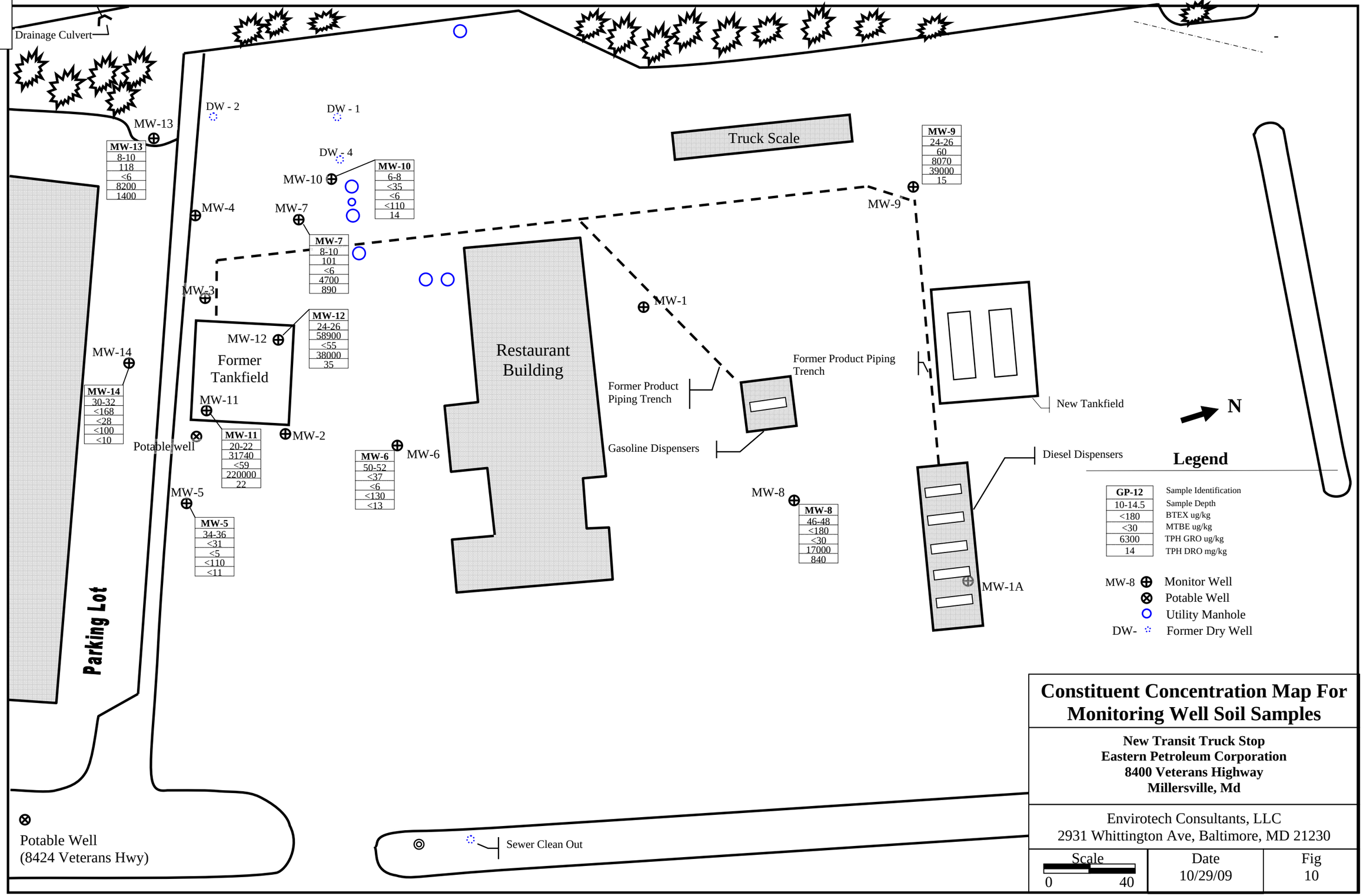
Constituent Concentration Map For Geoprobe Soil Samples

(See Table 2 For Sampling Dates)

New Transit Truck Stop
Eastern Petroleum Corporation
8400 Veterans Highway
Millersville, Md

Envirotech Consultants, LLC
2931 Whittington Ave, Baltimore, MD 21230

Scale	Date	Fig
0 40	10/29/09	9

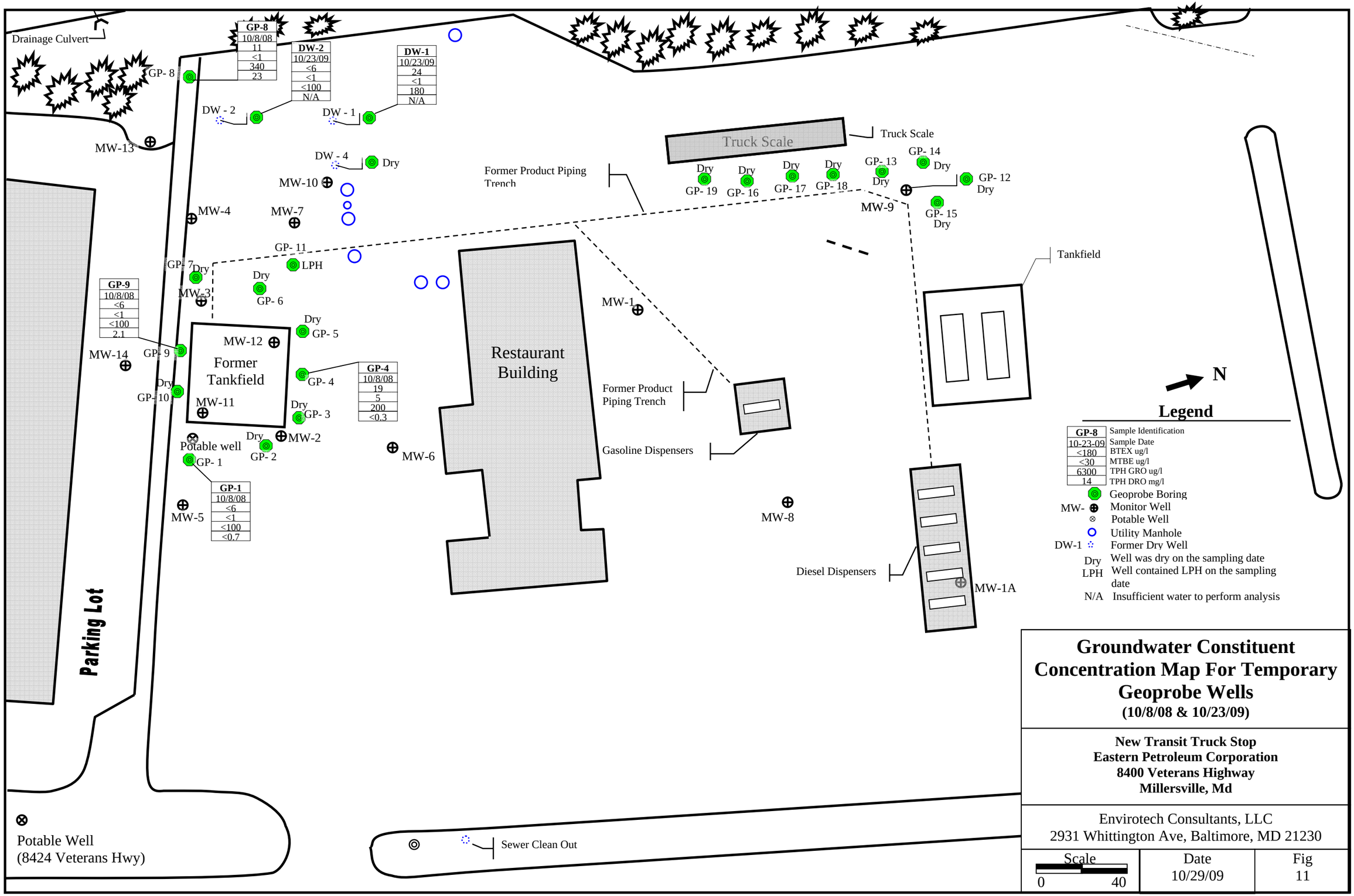


Constituent Concentration Map For Monitoring Well Soil Samples

New Transit Truck Stop
Eastern Petroleum Corporation
8400 Veterans Highway
Millersville, Md

Envirotech Consultants, LLC
2931 Whittington Ave, Baltimore, MD 21230

Scale	Date	Fig
0 40	10/29/09	10



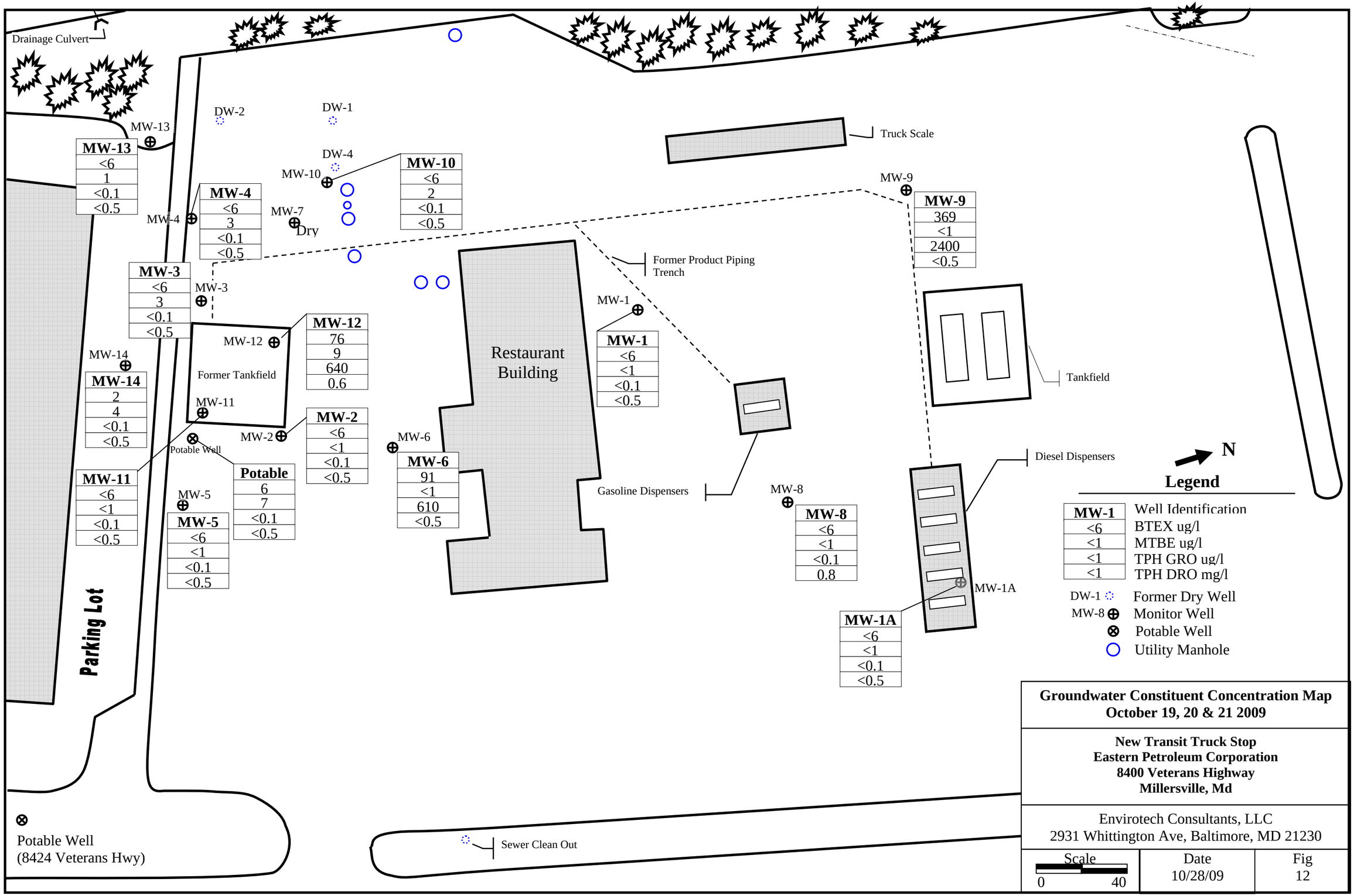
Groundwater Constituent Concentration Map For Temporary Geoprobe Wells

(10/8/08 & 10/23/09)

New Transit Truck Stop
Eastern Petroleum Corporation
8400 Veterans Highway
Millersville, Md

Envirotech Consultants, LLC
2931 Whittington Ave, Baltimore, MD 21230

Scale	Date	Fig
0 40	10/29/09	11


Drainage Culvert
DW-2
DW-1
DW-4
MW-13
MW-13
<6
1
<0.1
<0.5
MW-10
MW-10
<6
2
<0.1
<0.5
MW-4
MW-4
<6
3
<0.1
<0.5
MW-7
Dry
Truck Scale
MW-9
MW-9
369
<1
2400
<0.5
Former Product Piping Trench
MW-3
MW-3
<6
3
<0.1
<0.5
MW-1
MW-1
<6
<1
<0.1
<0.5
MW-12
MW-12
76
9
640
0.6
Restaurant Building
MW-14
MW-14
2
4
<0.1
<0.5
Former Tankfield
Tankfield
MW-11
MW-2
MW-2
<6
<1
<0.1
<0.5
Potable Well
MW-6
MW-6
91
<1
610
<0.5
Potable
6
7
<0.1
<0.5
MW-11
<6
<1
<0.1
<0.5
MW-5
MW-5
<6
<1
<0.1
<0.5
Diesel Dispensers
N
Legend
Gasoline Dispensers
MW-8
MW-8
<6
<1
<0.1
0.8
MW-1A
MW-1A
<6
<1
<0.1
<0.5
Parking Lot
MW-1 Well Identification
<6 BTEX ug/l
<1 MTBE ug/l
<1 TPH GRO ug/l
<1 TPH DRO mg/l
DW-1 Former Dry Well
MW-8 Monitor Well
Potable Well
Utility Manhole
Potable Well
(8424 Veterans Hwy)
Sewer Clean Out
Groundwater Constituent Concentration Map
October 19, 20 & 21 2009
New Transit Truck Stop
Eastern Petroleum Corporation
8400 Veterans Highway
Millersville, Md
Envirotech Consultants, LLC
2931 Whittington Ave, Baltimore, MD 21230
Scale
0 40
Date
10/28/09
Fig
12

TABLES

Table 1

Monitoring Well
Liquid Level Data Summary

Transit Truck Stop
8400 Veterans Highway
Millersville, MD

Well	Date	TOC Elevation (feet)	BOW (feet)	Depth of Screened Interval (feet)	Depth to Water (feet)	Depth of standing water in well (feet)	Product Thickness (feet)	Groundwater Elevation (feet)	Adjusted Groundwater Elevation (feet)
MW-1	8/12/02	93.48	45.40	35.50 - 44.32	44.15	1.25	-	49.33	-
	2/8/07			(8.82 ft)	39.92	5.48	-	53.56	-
	2/21/07				41.13	4.27	-	52.35	-
	5/7/07				40.43	4.97	-	53.05	-
	8/10/07				40.80	4.60	-	52.68	-
	11/27/07				41.95	3.45	-	51.53	-
	1/10/08				42.20	3.20	-	51.28	-
	4/23/08				42.54	2.86	-	50.94	-
	5/28/08				42.17	3.23	-	51.31	-
	7/18/08				42.19	3.21	-	51.29	-
	10/22/08	80.48			42.14	3.26	-	38.34	-
	12/19/08				42.45	2.95	-	38.03	-
	1/23/09				42.52	2.88	-	37.96	-
	2/13/09				42.65	2.75	-	37.83	-
	3/5/09				42.90	2.50	-	37.58	-
	3/12/09				43.04	2.36	-	37.44	-
	4/30/09				43.24	2.16	-	37.24	-
	5/26/09				42.70	2.70	-	37.78	-
	6/30/09				42.54	2.86	-	37.94	-
	7/27/09	92.98	44.32		42.48	1.84	-	50.50	-
	8/24/09				42.45	1.87	-	50.53	-
	10/20/09		45.37		42.26	3.11	-	50.72	-
	10/23/09				42.20	3.17	-	50.78	-
MW-1A	10/22/08	84.38	50.20	40.70 - 50.19	45.94	4.26	-	38.44	-
	12/19/08			(9.49 ft)	46.31	3.89	-	38.07	-
	1/23/09				46.42	3.78	-	37.96	-
	2/13/09				46.58	3.62	-	37.80	-
	3/5/09				46.79	3.41	-	37.59	-
	3/12/09				46.88	3.32	-	37.50	-
	4/30/09				47.13	3.07	-	37.25	-
	5/26/09				46.88	3.32	-	37.50	-
	6/30/09				46.48	3.72	-	37.90	-
	7/27/09	96.86	50.19		46.41	3.78	-	50.45	-
	8/24/09				46.36	3.83	-	50.50	-
	10/19/09		50.15		46.14	4.01	-	50.72	-
	10/23/09				46.02	4.13	-	50.84	-
MW-2	8/12/02	90.38	44.70	35.39 - 43.94	Dry	Dry	-	Dry	-
	2/8/07			(8.55 ft)	39.81	4.89	-	50.57	-
	2/21/07				38.98	5.72	-	51.40	-

Table 1

Monitoring Well
Liquid Level Data Summary

Transit Truck Stop
8400 Veterans Highway
Millersville, MD

Well	Date	TOC Elevation (feet)	BOW (feet)	Depth of Screened Interval (feet)	Depth to Water (feet)	Depth of standing water in well (feet)	Product Thickness (feet)	Groundwater Elevation (feet)	Adjusted Groundwater Elevation (feet)
MW-1	8/12/02	93.48	45.40	35.50 - 44.32	44.15	1.25	-	49.33	-
	2/8/07			(8.82 ft)	39.92	5.48	-	53.56	-
	2/21/07				41.13	4.27	-	52.35	-
	5/7/07				40.43	4.97	-	53.05	-
	8/10/07				40.80	4.60	-	52.68	-
	11/27/07				41.95	3.45	-	51.53	-
	1/10/08				42.20	3.20	-	51.28	-
	4/23/08				42.54	2.86	-	50.94	-
	5/28/08				42.17	3.23	-	51.31	-
	7/18/08				42.19	3.21	-	51.29	-
	10/22/08	80.48			42.14	3.26	-	38.34	-
	12/19/08				42.45	2.95	-	38.03	-
	1/23/09				42.52	2.88	-	37.96	-
	2/13/09				42.65	2.75	-	37.83	-
	3/5/09				42.90	2.50	-	37.58	-
	3/12/09				43.04	2.36	-	37.44	-
	4/30/09				43.24	2.16	-	37.24	-
	5/26/09				42.70	2.70	-	37.78	-
	6/30/09				42.54	2.86	-	37.94	-
	7/27/09	92.98	44.32		42.48	1.84	-	50.50	-
	8/24/09				42.45	1.87	-	50.53	-
	10/20/09		45.37		42.26	3.11	-	50.72	-
	10/23/09				42.20	3.17	-	50.78	-
MW-1A	10/22/08	84.38	50.20	40.70 - 50.19	45.94	4.26	-	38.44	-
	12/19/08			(9.49 ft)	46.31	3.89	-	38.07	-
	1/23/09				46.42	3.78	-	37.96	-
	2/13/09				46.58	3.62	-	37.80	-
	3/5/09				46.79	3.41	-	37.59	-
	3/12/09				46.88	3.32	-	37.50	-
	4/30/09				47.13	3.07	-	37.25	-
	5/26/09				46.88	3.32	-	37.50	-
	6/30/09				46.48	3.72	-	37.90	-
	7/27/09	96.86	50.19		46.41	3.78	-	50.45	-
	8/24/09				46.36	3.83	-	50.50	-
	10/19/09		50.15		46.14	4.01	-	50.72	-
	10/23/09				46.02	4.13	-	50.84	-
MW-2	8/12/02	90.38	44.70	35.39 - 43.94	Dry	Dry	-	Dry	-
	2/8/07			(8.55 ft)	39.81	4.89	-	50.57	-
	2/21/07				38.98	5.72	-	51.40	-

Table 1

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Millersville, MD

Well	Date	TOC Elevation (feet)	BOW (feet)	Depth of Screened Interval (feet)	Depth to Water (feet)	Depth of standing water in well (feet)	Product Thickness (feet)	Groundwater Elevation (feet)	Adjusted Groundwater Elevation (feet)
	5/7/07				41.42	3.28	-	48.96	-
	8/10/07				41.80	2.90	-	48.58	-
	11/27/07				42.97	1.73	-	47.41	-
	1/10/08				43.30	1.40	-	47.08	-
	4/23/08				43.83	0.87	-	38.10	-
	5/28/08				43.99	0.71	-	46.39	-
	7/18/08				43.52	1.18	-	46.86	-
	10/22/08	81.93			43.16	1.54	-	38.77	-
	12/19/08				42.09	2.61	-	39.84	-
	1/23/09				42.25	2.45	-	39.68	-
	2/13/09				42.54	2.16	-	39.39	-
	3/5/09				39.86	4.84	-	42.07	-
	3/12/09				43.94	0.76	-	37.99	-
	4/30/09				Dry	Dry	-	Dry	-
	5/26/09				Dry	Dry	-	Dry	-
	6/30/09				Dry	Dry	-	Dry	-
	7/12/09		43.94		Dry	Dry	-	Dry	-
	7/27/09	94.57			NG	NG	-	NG	-
	8/24/09				Dry	Dry	-	Dry	-
	10/20/09		44.08		43.74	0.34	-	50.83	-
	10/23/09				43.74	0.34	-	50.83	-
MW-3	8/12/02	87.59	42.90	33.11 - 43.13	Dry		-	-	-
	2/8/07			(10.02 ft)	38.93	3.97	-	48.66	-
	2/21/07				39.21	3.69	-	48.38	-
	5/7/07				40.18	2.72	-	47.41	-
	8/10/07				40.60	2.30	-	46.99	-
	11/27/07				41.80	1.10	-	45.79	-
	1/10/08				42.10	0.80	-	45.49	-
	4/23/08				42.55	0.35	-	45.04	-
	5/28/08				42.52	0.38	-	45.07	-
	7/18/08				42.26	0.64	-	45.33	-
	10/22/08	80.79			42.08	0.82	-	38.71	-
	12/19/08				42.34	0.56	-	38.45	-
	1/23/09				42.43	0.47	-	38.36	-
	2/13/09				42.64	0.26	-	38.15	-
	3/5/09				42.71	0.19	-	38.08	-
	3/12/09				42.67	0.23	-	38.12	-
	4/30/09				42.95	-0.05	-	37.84	-
	5/26/09				42.85	0.05	-	37.94	-
	6/30/09				42.78	0.12	-	38.01	-

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Well	Date	TOC Elevation (feet)	BOW (feet)	Depth of Screened Interval (feet)	Depth to Water (feet)	Depth of standing water in well (feet)	Product Thickness (feet)	Groundwater Elevation (feet)	Adjusted Groundwater Elevation (feet)
	5/7/07				41.42	3.28	-	48.96	-
	8/10/07				41.80	2.90	-	48.58	-
	11/27/07				42.97	1.73	-	47.41	-
	1/10/08				43.30	1.40	-	47.08	-
	4/23/08				43.83	0.87	-	38.10	-
	5/28/08				43.99	0.71	-	46.39	-
	7/18/08				43.52	1.18	-	46.86	-
	10/22/08	81.93			43.16	1.54	-	38.77	-
	12/19/08				42.09	2.61	-	39.84	-
	1/23/09				42.25	2.45	-	39.68	-
	2/13/09				42.54	2.16	-	39.39	-
	3/5/09				39.86	4.84	-	42.07	-
	3/12/09				43.94	0.76	-	37.99	-
	4/30/09				Dry	Dry	-	Dry	-
	5/26/09				Dry	Dry	-	Dry	-
	6/30/09				Dry	Dry	-	Dry	-
	7/12/09		43.94		Dry	Dry	-	Dry	-
	7/27/09	94.57			NG	NG	-	NG	-
	8/24/09				Dry	Dry	-	Dry	-
	10/20/09		44.08		43.74	0.34	-	50.83	-
	10/23/09				43.74	0.34	-	50.83	-
MW-3	8/12/02	87.59	42.90	33.11 - 43.13	Dry		-	-	-
	2/8/07			(10.02 ft)	38.93	3.97	-	48.66	-
	2/21/07				39.21	3.69	-	48.38	-
	5/7/07				40.18	2.72	-	47.41	-
	8/10/07				40.60	2.30	-	46.99	-
	11/27/07				41.80	1.10	-	45.79	-
	1/10/08				42.10	0.80	-	45.49	-
	4/23/08				42.55	0.35	-	45.04	-
	5/28/08				42.52	0.38	-	45.07	-
	7/18/08				42.26	0.64	-	45.33	-
	10/22/08	80.79			42.08	0.82	-	38.71	-
	12/19/08				42.34	0.56	-	38.45	-
	1/23/09				42.43	0.47	-	38.36	-
	2/13/09				42.64	0.26	-	38.15	-
	3/5/09				42.71	0.19	-	38.08	-
	3/12/09				42.67	0.23	-	38.12	-
	4/30/09				42.95	-0.05	-	37.84	-
	5/26/09				42.85	0.05	-	37.94	-
	6/30/09				42.78	0.12	-	38.01	-

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Transit Truck Stop
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Millersville, MD

Well	Date	TOC Elevation (feet)	BOW (feet)	Depth of Screened Interval (feet)	Depth to Water (feet)	Depth of standing water in well (feet)	Product Thickness (feet)	Groundwater Elevation (feet)	Adjusted Groundwater Elevation (feet)
MW-1	8/12/02	93.48	45.40	35.50 - 44.32	44.15	1.25	-	49.33	-
	2/8/07			(8.82 ft)	39.92	5.48	-	53.56	-
	2/21/07				41.13	4.27	-	52.35	-
	5/7/07				40.43	4.97	-	53.05	-
	8/10/07				40.80	4.60	-	52.68	-
	11/27/07				41.95	3.45	-	51.53	-
	1/10/08				42.20	3.20	-	51.28	-
	4/23/08				42.54	2.86	-	50.94	-
	5/28/08				42.17	3.23	-	51.31	-
	7/18/08				42.19	3.21	-	51.29	-
	10/22/08	80.48			42.14	3.26	-	38.34	-
	12/19/08				42.45	2.95	-	38.03	-
	1/23/09				42.52	2.88	-	37.96	-
	2/13/09				42.65	2.75	-	37.83	-
	3/5/09				42.90	2.50	-	37.58	-
	3/12/09				43.04	2.36	-	37.44	-
	4/30/09				43.24	2.16	-	37.24	-
	5/26/09				42.70	2.70	-	37.78	-
	6/30/09				42.54	2.86	-	37.94	-
	7/27/09	92.98	44.32		42.48	1.84	-	50.50	-
	8/24/09				42.45	1.87	-	50.53	-
	10/20/09		45.37		42.26	3.11	-	50.72	-
	10/23/09				42.20	3.17	-	50.78	-
MW-1A	10/22/08	84.38	50.20	40.70 - 50.19	45.94	4.26	-	38.44	-
	12/19/08			(9.49 ft)	46.31	3.89	-	38.07	-
	1/23/09				46.42	3.78	-	37.96	-
	2/13/09				46.58	3.62	-	37.80	-
	3/5/09				46.79	3.41	-	37.59	-
	3/12/09				46.88	3.32	-	37.50	-
	4/30/09				47.13	3.07	-	37.25	-
	5/26/09				46.88	3.32	-	37.50	-
	6/30/09				46.48	3.72	-	37.90	-
	7/27/09	96.86	50.19		46.41	3.78	-	50.45	-
	8/24/09				46.36	3.83	-	50.50	-
	10/19/09		50.15		46.14	4.01	-	50.72	-
	10/23/09				46.02	4.13	-	50.84	-
MW-2	8/12/02	90.38	44.70	35.39 - 43.94	Dry	Dry	-	Dry	-
	2/8/07			(8.55 ft)	39.81	4.89	-	50.57	-
	2/21/07				38.98	5.72	-	51.40	-

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Liquid Level Data Summary

Transit Truck Stop
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Millersville, MD

Well	Date	TOC Elevation (feet)	BOW (feet)	Depth of Screened Interval (feet)	Depth to Water (feet)	Depth of standing water in well (feet)	Product Thickness (feet)	Groundwater Elevation (feet)	Adjusted Groundwater Elevation (feet)
	5/7/07				41.42	3.28	-	48.96	-
	8/10/07				41.80	2.90	-	48.58	-
	11/27/07				42.97	1.73	-	47.41	-
	1/10/08				43.30	1.40	-	47.08	-
	4/23/08				43.83	0.87	-	38.10	-
	5/28/08				43.99	0.71	-	46.39	-
	7/18/08				43.52	1.18	-	46.86	-
	10/22/08	81.93			43.16	1.54	-	38.77	-
	12/19/08				42.09	2.61	-	39.84	-
	1/23/09				42.25	2.45	-	39.68	-
	2/13/09				42.54	2.16	-	39.39	-
	3/5/09				39.86	4.84	-	42.07	-
	3/12/09				43.94	0.76	-	37.99	-
	4/30/09				Dry	Dry	-	Dry	-
	5/26/09				Dry	Dry	-	Dry	-
	6/30/09				Dry	Dry	-	Dry	-
	7/12/09		43.94		Dry	Dry	-	Dry	-
	7/27/09	94.57			NG	NG	-	NG	-
	8/24/09				Dry	Dry	-	Dry	-
	10/20/09		44.08		43.74	0.34	-	50.83	-
	10/23/09				43.74	0.34	-	50.83	-
MW-3	8/12/02	87.59	42.90	33.11 - 43.13	Dry		-	-	-
	2/8/07			(10.02 ft)	38.93	3.97	-	48.66	-
	2/21/07				39.21	3.69	-	48.38	-
	5/7/07				40.18	2.72	-	47.41	-
	8/10/07				40.60	2.30	-	46.99	-
	11/27/07				41.80	1.10	-	45.79	-
	1/10/08				42.10	0.80	-	45.49	-
	4/23/08				42.55	0.35	-	45.04	-
	5/28/08				42.52	0.38	-	45.07	-
	7/18/08				42.26	0.64	-	45.33	-
	10/22/08	80.79			42.08	0.82	-	38.71	-
	12/19/08				42.34	0.56	-	38.45	-
	1/23/09				42.43	0.47	-	38.36	-
	2/13/09				42.64	0.26	-	38.15	-
	3/5/09				42.71	0.19	-	38.08	-
	3/12/09				42.67	0.23	-	38.12	-
	4/30/09				42.95	-0.05	-	37.84	-
	5/26/09				42.85	0.05	-	37.94	-
	6/30/09				42.78	0.12	-	38.01	-

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Transit Truck Stop
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Well	Date	TOC Elevation (feet)	BOW (feet)	Depth of Screened Interval (feet)	Depth to Water (feet)	Depth of standing water in well (feet)	Product Thickness (feet)	Groundwater Elevation (feet)	Adjusted Groundwater Elevation (feet)
	7/27/09	93.28	43.13		42.60	0.53	-	50.68	-
	8/24/09				NG	NG	-	NG	-
	10/20/09		43.17		41.86	1.31	-	51.42	-
	10/23/09				42.27	0.90	-	51.01	-
MW-4	8/12/02	100.00	47.35	37.66 - 47.40	43.56	3.79	-	44.03	-
	2/8/07			(9.74 ft)	26.71	20.64	-	60.88	-
	2/21/07				NG	NG	-	NG	-
	5/7/07				38.63	8.72	-	48.96	-
	8/10/07				39.40	7.95	-	48.19	-
	11/27/07				40.75	6.60	-	46.84	-
	1/10/08				40.87	6.48	-	46.72	-
	4/23/08				41.49	5.86	-	46.10	-
	5/28/08				40.72	6.63	-	46.87	-
	7/18/08				40.68	6.67	-	46.91	-
	10/22/08	79.78			40.61	6.74	-	39.17	-
	12/19/08				41.40	5.95	-	38.38	-
	1/23/09				41.58	5.77	-	38.20	-
	2/13/09				41.75	5.60	-	38.03	-
	3/12/09				42.24	5.11	-	37.54	-
	4/30/09				42.39	4.96	-	37.39	-
	5/26/09				42.20	5.15	-	37.58	-
	6/30/09				40.82	6.53	-	38.96	-
	7/27/09	92.29	47.40		41.65	5.75	-	50.64	-
	8/24/09				41.37	6.03	-	50.92	-
	10/19/09		47.46		40.87	6.59	-	51.42	-
	10/23/09				41.23	6.23	-	51.06	-
MW-5	10/22/08	83.09	52.10	35.00 - 55.00	45.07	7.03	-	38.02	-
	12/19/08			(20.00 ft)	45.25	6.85	-	37.84	-
	1/23/09				45.33	6.77	-	37.76	-
	2/13/09				45.50	6.60	-	37.59	-
	3/5/09				45.66	6.44	-	37.43	-
	3/12/09				45.68	6.42	-	37.41	-
	4/30/09				WNF	WNF	-	WNF	-
	5/26/09				WNF	WNF	-	WNF	-
	6/30/09				WNF	WNF	-	WNF	-
	7/27/09	95.57			WNF	WNF	-	WNF	-
	8/24/09				WNF	WNF	-	WNF	-
	10/20/09		51.34		45.50	5.84	-	50.07	-

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Well	Date	TOC Elevation (feet)	BOW (feet)	Depth of Screened Interval (feet)	Depth to Water (feet)	Depth of standing water in well (feet)	Product Thickness (feet)	Groundwater Elevation (feet)	Adjusted Groundwater Elevation (feet)
	7/27/09	93.28	43.13		42.60	0.53	-	50.68	-
	8/24/09				NG	NG	-	NG	-
	10/20/09		43.17		41.86	1.31	-	51.42	-
	10/23/09				42.27	0.90	-	51.01	-
MW-4	8/12/02	100.00	47.35	37.66 - 47.40	43.56	3.79	-	44.03	-
	2/8/07			(9.74 ft)	26.71	20.64	-	60.88	-
	2/21/07				NG	NG	-	NG	-
	5/7/07				38.63	8.72	-	48.96	-
	8/10/07				39.40	7.95	-	48.19	-
	11/27/07				40.75	6.60	-	46.84	-
	1/10/08				40.87	6.48	-	46.72	-
	4/23/08				41.49	5.86	-	46.10	-
	5/28/08				40.72	6.63	-	46.87	-
	7/18/08				40.68	6.67	-	46.91	-
	10/22/08	79.78			40.61	6.74	-	39.17	-
	12/19/08				41.40	5.95	-	38.38	-
	1/23/09				41.58	5.77	-	38.20	-
	2/13/09				41.75	5.60	-	38.03	-
	3/12/09				42.24	5.11	-	37.54	-
	4/30/09				42.39	4.96	-	37.39	-
	5/26/09				42.20	5.15	-	37.58	-
	6/30/09				40.82	6.53	-	38.96	-
	7/27/09	92.29	47.40		41.65	5.75	-	50.64	-
	8/24/09				41.37	6.03	-	50.92	-
	10/19/09		47.46		40.87	6.59	-	51.42	-
	10/23/09				41.23	6.23	-	51.06	-
MW-5	10/22/08	83.09	52.10	35.00 - 55.00	45.07	7.03	-	38.02	-
	12/19/08			(20.00 ft)	45.25	6.85	-	37.84	-
	1/23/09				45.33	6.77	-	37.76	-
	2/13/09				45.50	6.60	-	37.59	-
	3/5/09				45.66	6.44	-	37.43	-
	3/12/09				45.68	6.42	-	37.41	-
	4/30/09				WNF	WNF	-	WNF	-
	5/26/09				WNF	WNF	-	WNF	-
	6/30/09				WNF	WNF	-	WNF	-
	7/27/09	95.57			WNF	WNF	-	WNF	-
	8/24/09				WNF	WNF	-	WNF	-
	10/20/09		51.34		45.50	5.84	-	50.07	-

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Well	Date	TOC Elevation (feet)	BOW (feet)	Depth of Screened Interval (feet)	Depth to Water (feet)	Depth of standing water in well (feet)	Product Thickness (feet)	Groundwater Elevation (feet)	Adjusted Groundwater Elevation (feet)
	10/23/09				45.46	5.88	-	50.11	-
									-
MW-6	10/22/08	82.11	49.70	35.00 - 55.00	44.73	4.97	-	37.38	-
	12/19/08			(20.00 ft)	44.98	4.72	-	37.13	-
	1/23/09				45.08	4.62	-	37.03	-
	2/13/09				45.28	4.42	-	36.83	-
	3/5/09				45.46	4.24	-	36.65	-
	3/12/09				45.52	4.18	-	36.59	-
	4/30/09				45.73	3.97	-	36.38	-
	5/26/09				45.20	4.50	-	36.91	-
	6/30/09				45.59	4.11	-	36.52	-
	7/27/09	94.61	49.51		45.12	4.39	-	49.49	-
	8/24/09				44.92	4.59	-	49.69	-
	10/19/09		51.97		44.90	7.07	-	49.71	-
	10/23/09				44.79	7.18	-	49.82	-
									-
MW-7	10/22/08	*	9.92	5.00 - 15.00	Dry	Dry	-	Dry	-
	12/19/08			(10 ft)	Dry	Dry	-	Dry	-
	1/23/09				Dry	Dry	-	Dry	-
	2/13/09				Dry	Dry	-	Dry	-
	3/5/09				Dry	Dry	-	Dry	-
	3/12/09				Dry	Dry	-	Dry	-
	4/30/09				Dry	Dry	-	Dry	-
	5/26/09				Dry	Dry	-	Dry	-
	6/30/09		9.90		Dry	Dry	-	Dry	-
	7/27/09				Dry	Dry	-	Dry	-
	8/24/09				Dry	Dry	-	Dry	-
	10/19/09				Dry	Dry	-	Dry	-
	10/23/09				Dry	Dry	-	Dry	-
MW-8	9/22/09	95.33	52.39	35.00 - 55.00	44.85	7.54	-	50.48	-
	10/19/09			(20.00 ft)	44.90	7.49	-	50.43	-
	10/23/09				44.85	7.54	-	50.48	-
MW-9	10/19/09	91.19	46.77	35.00 - 55.00	39.30	7.47	-	51.89	-
				(20.00 ft)	39.21	7.56	-	51.98	-
MW-10	9/22/09	91.41	53.67	35.00 - 55.00	38.55	15.12	-	52.86	-
	10/19/09			(20.00 ft)	37.74	15.93	-	53.67	-
	10/23/09				38.89	14.78	-	52.52	-

Table 1

Monitoring Well
Liquid Level Data Summary

Transit Truck Stop
8400 Veterans Highway
Millersville, MD

Well	Date	TOC Elevation (feet)	BOW (feet)	Depth of Screened Interval (feet)	Depth to Water (feet)	Depth of standing water in well (feet)	Product Thickness (feet)	Groundwater Elevation (feet)	Adjusted Groundwater Elevation (feet)
MW-11	9/22/09	93.43	53.84	35.00 - 55.00	43.10	10.74	-	50.33	-
	10/19/09			(20.00 ft)	43.28	10.56	-	50.15	-
	10/23/09				43.55	10.29	-	49.88	-
MW-12	10/19/09	93.56	53.94	35.00 - 55.00	43.78	10.16	-	49.78	-
	10/23/09			(20.00 ft)	43.58	10.36	-	49.98	-
MW-13	9/22/09	91.87	53.43	35.00 - 55.00	39.40	14.03	-	52.47	-
	10/19/09			(20.00 ft)	39.56	13.87	-	52.31	-
	10/23/09				39.45	13.98	-	52.42	-
MW-14	10/15/09	93.78	53.22	35.00 - 55.00	43.79	9.43	-	49.99	-
	10/19/09			(20.00 ft)	43.85	9.37	-	49.93	-
	10/23/09				43.94	9.28	-	49.84	-
Transit Potable Well	10/19/09	94.21	119.75	118.33 - 119.75	56.23	63.52	-	37.98	-
	10/21/09			(1.91 ft)	56.23	63.52	-	37.98	-
	10/23/09				56.13	63.62	-	38.08	-

Notes:

TOC = Top of Casing

NG = Not Gauged

Adj. GW Elevation = Adjusted Groundwater Elevation = Water Elevation + 0.75 x Product Thickness

WNF = Well Not Found

* Casing Elevations not available

Table 2

Soil Screening and Analytical Results

New Transit Truck Stop

8400 Veterans Highway

Millersville, Maryland

Sample ID	Date	Depth Ft	PID	Isopropyl-benzene ug/kg	Naphthalene ug/kg	TPH DRO mglkg	TPH GRO ug/kg	Benzene ug/kg	Toluene ug/kg	Ethyl-benzene ug/kg	Xylenes ug/kg	BTEX ug/kg	MTBE ug/kg
MDE Non Residential Clean-up Standard		-	-	10,000,000	2,000,000	620	620,000	52,000	8,200,000	10,000,000	20,000,000	-	720,000
Geoprobe & Drywell Points													
GP-1	10/3/08	15 - 17	6	<6	<6	<11	<110	<6	<6	<6	<17	<35	<6
GP-2	10/3/08	15 - 17	899	10	42	<11	3400	<6	53	<6	380	433	<6
GP-3	10/3/09	10 - 15	754	29	92	<12	6000	<6	9	71	440	520	<6
GP-4	10/3/09	0 - 5	228	<6	20	13	810	<6	6	9	41	56	<6
GP-5	10/13/09	10 - 12	336	<6	42	140	1200	<6	<6	<6	<17	<365	6
GP-6	10/3/09	15 - 19	432	62	1700	3800	22000	<6	86	170	860	1116	<6
GP-7	10/3/09	10 - 14	262	45	810	2000	11000	<6	8	150	354	512	<6
GP-8	10/6/09	0 - 5	158	<5	<5	250	1600	<5	<5	<5	<16	<31	<5
GP-9	10/6/09	5 - 10	110	<6	<6	<11	130	<6	<6	<6	<17	<35	<6
GP-10	10/6/09	5 - 10	279	<5	<5	78	830	<5	<5	<5	<16	<31	<5
GP-11	10/6/09	6 - 10	366	37	2500	1800	18000	<6	17	99	360	476	6
GP-12	8/28/09	10 -14.5	485	<30	270	14	6300	<30	<30	<30	<90	<180	<30
GP-13	8/28/09	5 - 10	192	<27	39	<11	350	<27	<27	<27	<81	<162	<27
GP-14	8/28/09	10 - 15	158	<31	110	26	10000	<31	<31	<31	<92	<123	<31
GP-15	8/28/09	5 - 10	90	<6	<6	<11	140	<6	<6	<6	<17	<35	<6
GP-16	9/23/09	10 - 15	308	<29	490	180	17000	<29	<29	37	290	327	<29
GP-16	9/23/09	13 - 15	67	<6	<6	<11	<110	<6	<6	<6	<17	<35	<6
GP-17	9/23/09	10 - 13	692	1200	2900	3200	260000	<550	4100	6000	39000	49100	<550
GP-17	9/23/09	13 - 15	607	29	130	430	21000	<5	23	89	680	792	<5
GP-18	9/23/09	10 - 15	720	910	5400	1000	320000	<550	6000	4500	30500	41000	<550
GP-18	9/23/09	15 - 18	519	8	73	21	23000	<6	34	27	232	293	44
GP-19	9/23/09	0 - 5	308	16	420	300	6200	32	25	160	205	422	<6
GP-19	9/23/09	10 - 14	459	<600	6900	3000	110000	<600	<600	1100	5800	6900	<600
DW-1	9/23/09	28 - 31	60	<74	250	4600	120000	270	390	<74	2220	2880	<74
DW-2	10/1/09	29 - 31	12	<31	350	130	62000	<31	42	31	180	253	<31
DW-4	10/1/09	28 - 31	21	<67	280	1500	70000	330	<67	<67	310	640	<67

Table 2

Soil Screening and Analytical Results

New Transit Truck Stop

8400 Veterans Highway

Millersville, Maryland

Sample ID	Date	Depth Ft	PID	Isopropyl-benzene ug/kg	Naphthalene ug/kg	TPH DRO mglkg	TPH GRO ug/kg	Benzene ug/kg	Toluene ug/kg	Ethyl-benzene ug/kg	Xylenes ug/kg	BTEX ug/kg	MTBE ug/kg
Moniotoring Wells													
MW-5	10/7/08	34 - 36	2	<5	<5	<11	<110	<5	<5	<5	<16	<31	<5
MW-6	10/8/08	50 - 52	16	<6	<6	<13	<130	<6	<6	<6	<19	<37	<6
MW-7	10/10/08	8 - 10	274	6	170	890	4700	<6	<6	11	90	101	<6
MW-8	9/2/09	46 - 48	40	<30	<30	840	17000	<30	<30	<30	<90	<180	<30
MW-9	9/2/09	24 - 26	1354	260	540	15	39000	<58	1100	970	6000	8070	60
MW-10	9/8/09	6 - 8	4	<6	<	14	<110	<6	<6	<6	<17	<35	<6
MW-11	9/14/09	20 - 22	387	180	800	22	220000	140	4200	1500	25900	31740	<59
MW-12	9/15/09	24 - 26	378	2600	8200	35	38000	<55	3200	8700	47000	58900	<55
MW-13	9/16/09	8 - 10	113	13	820	1400	8200	<6	<6	57	61	118	<6
MW-14	9/17/09	30 - 32	8	<28	<28	<10	<100	<28	<28	<28	<84	<168	<28
Stockpile Composite Results (for disposal facility)													
Drill Cuttings	10/5/09	Composite	N/A	N/A	N/A	24	ND	<1	<1	<1	<3	<6	N/A

Notes:

BTEX - Benzene, Toluene, Ethylbenzene and Xylenes

MTBE - Methyl Tertiary Butyl Ether

mg/kg - milligrams per kilogram

ug/kg - micrograms per kilogram

Table 3

Temporary Geoprobe Well Monitoring Data

Transit Truck Stop
8400 Veterans Highway
Millersville, MD

Well	Date	BOW (feet)	Depth to Water (feet)	Depth to LPH (feet)	Product Thickness (feet)	Chlorobenzene	1,4 Dichlorobenzene	Chloroform (µg/l)	Carbon Tetrachloride(µg/l)	Naph (µg/l)	IPB (µg/l)	Acetone (ug/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	Total BTEX (µg/l)	MTBE (µg/l)	TPH - GRO (ug/l)	TPH - DRO (mg/l)
GP-1	10/6/08	17.10	15.34			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/8/08		14.24			<1	<1	<1	<1	<1	<1	18	<1	<1	<1	<3	<6	<1	<100	<0.7
	10/22/08		14.60			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3/5/09		16.91			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GP-2	10/6/08	17.35	Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/8/08		Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/22/08		Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3/5/09		Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GP-3	10/6/08	17.35	Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/8/08		Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/22/08		Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3/5/09		Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GP-4	10/6/08	13.05	12.69			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/8/08		12.59			<1	<1	2	2	2	<1	110	4	3	5	7	19	5	200	<0.3
	10/22/08		12.94			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3/5/09		DRY			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GP-5	10/6/08	11.81	Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/8/08		Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/22/08		Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3/5/09		Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GP-6	10/6/08	19.15	Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/8/08		Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/22/08		Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3/5/09		Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 3

Temporary Geoprobe Well Monitoring Data

Transit Truck Stop
8400 Veterans Highway
Millersville, MD

Well	Date	BOW (feet)	Depth to Water (feet)	Depth to LPH (feet)	Product Thickness (feet)	Chlorobenzene	1,4 Dichlorobenzene	Chloroform (µg/l)	Carbon Tetrachloride(µg/l)	Naph (µg/l)	IPB (µg/l)	Acetone (ug/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	Total BTEX (µg/l)	MTBE (µg/l)	TPH - GRO (ug/l)	TPH - DRO (mg/l)
GP-7	10/6/08	14.30	Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/8/08		Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/22/08		Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3/5/09		Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GP-8	10/6/08	14.00	3.32			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/8/08		3.49			<1	<1	<1	<1	19	5	<10	<1	<1	6	5	11	<1	340	23
	10/22/08		10.91			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3/5/09		2.75			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GP-9	10/6/08	9.72	5.15			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/8/08		5.23			<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<3	<6	<1	<100	2.1
	10/22/08		5.59			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3/5/09		4.46			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GP-10	10/6/08	9.80	Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/8/08		Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/22/08		Dry			-	-	-	-	-	-	-		-	-	-	-	-	-	-
	3/5/09		Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GP-11	10/6/08	14.25	Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/8/08		-	13.55	0.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/22/08		-	13.71	0.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3/5/09		Dry (11.23)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GP-12	10/6/08	14.25	Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/8/08		-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GP-13	10/6/08	14.25	Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/8/08		-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 3

Temporary Geoprobe Well Monitoring Data

Transit Truck Stop
8400 Veterans Highway
Millersville, MD

Well	Date	BOW (feet)	Depth to Water (feet)	Depth to LPH (feet)	Product Thickness (feet)	Chlorobenzene	1,4 Dichlorobenzene	Chloroform (µg/l)	Carbon Tetrachloride(µg/l)	Naph (µg/l)	IPB (µg/l)	Acetone (ug/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	Total BTEX (µg/l)	MTBE (µg/l)	TPH - GRO (ug/l)	TPH - DRO (mg/l)
GP-14	10/6/08	14.25	Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/8/08		-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GP-15	10/6/08	14.25	Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/8/08		-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GP-16	10/6/08	14.25	Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/8/08		-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GP-17	10/6/08	14.25	Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/8/08		-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GP-18	10/6/08	14.25	Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/8/08		-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GP-19	10/6/08	14.25	Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/8/08		-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DW-1	10/23/09	31.00	28.28			30	6	<1	<1	3	<1	11	4	8	2	10	24	<1	180	**
			-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DW-2	10/23/09	31.00	28.59			2	2	<1	<1	3	<1	18	<1	<1	<1	<3	<6	<1	<100	**
			-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DW-4	10/23/09	31.00	Dry			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NG = Not Gauged

* Casing Elevations not available

** Insufficient water in well to analyze forTPH DRO

Table 4

Historical Groundwater Analytical Data Summary

Transit Truck Stop
8400 Veterans Highway
Millersville, MD

Well	Date	EDB (µg/l)	Chloro-ethane (µg/l)	1,2-DCA (µg/l)	Naphthalene (µg/l)	IPB (µg/l)	TAA (µg/l)	MEK (ug/l)	Acetone (ug/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	Total BTEX (µg/l)	MTBE (µg/l)	TPH - GRO (mg/l)	TPH - DRO (mg/l)
MDE Groundwater Standards*		0.05	3.6	5	10.00	66	-	700	550	5.0	1,000	700	10,000	-	20	0.047	0.047
MW-1	8/12/02	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	0.434
	4/12/06	-	-	-	-	-	-	-	-	5.0	ND	ND	ND	ND	8.0	ND	0.58
	2/21/07	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	ND	8.9	<0.2	0.209
	5/7/07	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	ND	35.4	<0.2	0.415
	8/10/07	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	ND	48.1	<0.2	0.215
	11/27/07	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	ND	0.96J	<0.2	3.52
	1/10/08	-	-	-	-	-	-	-	-	<1.0	1.0	<1.0	<1.0	1.0	0.57	<0.2	7.60
	5/28/08	-	-	-	-	-	-	-	-	<1	3.0	<1	<3	3.0	<1	<0.1	<0.6
	12/19/08	-	-	-	-	-	-	-	-	<1	<1	<1	<3	<6	1	NA	NA
	3/12/09	-	-	-	-	-	-	-	-	<1	<1	<1	<3	<6	<1	<0.1	0.50
	6/30/09	-	-	-	-	-	-	-	-	<1	<1	<1	<3	<6	<1	<0.1	<0.5
	10/20/09	<1	<1	<1	<1	<1	<20	<10	<10	<1	<1	<1	<3	<6	<1	<0.1	<0.5
MW-1A	12/19/08	-	-	-	-	-	-	-	-	<1	<1	<1	<3	<6	<1	NA	NA
	3/12/09	-	-	-	-	-	-	-	-	<1	<1	<1	<3	<6	<1	<0.1	<0.5
	6/30/09	-	-	-	-	-	-	-	-	<1	<1	<1	<3	<6	<1	<0.1	<0.5
	10/19/09	<1	<1	<1	<1	<1	<20	<10	<10	<1	<1	<1	<3	<6	<1	<0.1	<0.5
MW-2	4/12/06	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	0.28
	2/21/07	-	-	-	-	-	-	-	-	<5.0	<5.0	<5.0	<5.0	ND	<5.0	<0.2	0.64
	5/7/07	-	-	-	-	-	-	-	-	<1.0	0.85	<1.0	<1.0	0.85	<1.0	<0.2	4.08
	8/10/07	-	-	-	-	-	-	-	-	<1.0	52.5	<1.0	<1.0	52.5	<1.0	<0.2	7.33
	11/27/07	-	-	-	-	-	-	-	-	<1.0	109	<1.0	<1.1	109	<1.0	0.29	6.85
	1/10/08	-	-	-	-	-	-	-	-	<1.0	389[a]	<1.0	<1.0	389	<1.0	0.87	15.9[a]
	5/28/08	-	-	-	-	-	-	-	-	<5	130	<5	<15	130	<5	3.60	4.9

Table 4

Historical Groundwater Analytical Data Summary

Transit Truck Stop
8400 Veterans Highway
Millersville, MD

Well	Date	EDB (µg/l)	Chloro-ethane (µg/l)	1,2-DCA (µg/l)	Naphthalene (µg/l)	IPB (µg/l)	TAA (µg/l)	MEK (ug/l)	Acetone (ug/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	Total BTEX (µg/l)	MTBE (µg/l)	TPH - GRO (mg/l)	TPH - DRO (mg/l)
MDE Groundwater Standards*		0.05	3.6	5	10.00	66	-	700	550	5.0	1,000	700	10,000	-	20	0.047	0.047
	12/19/08	-	-	-	-	-	-	-	-	<1	<1	<1	<3	<6	<1	NA	NA
	3/12/09	-	-	-	-	-	-	-	-	<1	<1	<1	<3	<6	<1	<0.1	2.7
	6/30/09	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
	10/20/09	<1	<1	<1	<1	<1	<20	<10	<10	<1	<1	<1	<3	<6	<1	<0.1	<0.5
MW-3	4/12/06	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	5.0	ND	0.27
	2/21/07	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	ND	3.6	<0.2	<0.1
	5/7/07	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	ND	34.5	<0.2	<0.1
	8/10/07	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	ND	41.7	<0.2	0.167
	11/27/07	-	-	-	-	-	-	-	-	1.1	<1.0	<1.0	<1.0	1.1	2.1	<0.2	0.295
	1/10/08	-	-	-	-	-	-	-	-	0.35	0.70	<1.0	<1.0	1.1	0.61	<0.2	0.196
	5/28/08	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<3	<6	3	<0.1	<1
	12/19/08	-	-	-	-	-	-	-	-	<1	<1	<1	<3	<6	15	NA	NA
	3/12/09	-	-	-	-	-	-	-	-	<1	<1	<1	<3	<6	1	<0.1	9.9
	6/30/09	-	-	-	-	-	-	-	-	<1	<1	<1	<3	<6	26	<0.1	<5
	10/20/09	<1	<1	<1	<1	<1	<20	<10	<1	<1	<1	<1	<3	<6	3	<0.1	<5
MW-4	8/12/02	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	6.0	ND	ND
	5/7/07	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	ND	18.3	<0.2	<0.1
	8/10/07	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	ND	41.1	<0.2	0.227
	11/27/07	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	ND	12.3	<0.2	0.257
	1/10/08	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<1.0	ND	11.6	<0.2	0.442
	5/28/08	-	-	-	-	-	-	-	-	<1.0	<1.0	<1.0	<3	<6	12.0	<0.1	<0.6
	12/19/08	-	-	-	-	-	-	-	-	<1	<1	<1	<3	<6	7	NA	NA
	3/12/09	-	-	-	-	-	-	-	-	<1	<1	<1	<3	<6	2	<0.1	<0.5

Table 4

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Transit Truck Stop
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Millersville, MD

Well	Date	EDB (µg/l)	Chloro-ethane (µg/l)	1,2-DCA (µg/l)	Naphthalene (µg/l)	IPB (µg/l)	TAA (µg/l)	MEK (ug/l)	Acetone (ug/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	Total BTEX (µg/l)	MTBE (µg/l)	TPH - GRO (mg/l)	TPH - DRO (mg/l)
MDE Groundwater Standards*		0.05	3.6	5	10.00	66	-	700	550	5.0	1,000	700	10,000	-	20	0.047	0.047
	6/30/09	-	-	-	-	-	-	-	-	<1	<1	<1	<3	<6	3	<0.1	<0.5
	10/19/09	<1	<1	<1	<1	<1	<20	<10	<10	<1	<1	<1	<3	<6	3	<0.1	<0.5
MW-5	12/19/08				-	-	-	-	-	<1	<1	<1	<3	<6	<1	NA	NA
	3/12/09									<1	<1	<1	<3	<6	<1	<0.1	<0.5
	6/30/09	WNF	WNF	WNF	WNF	WNF	WNF	WNF	WNF	WNF	WNF	WNF	WNF	WNF	WNF	WNF	WNF
	10/20/09	<1	<1	<1	<1	<1	<20	<10	<1	<1	<1	<1	<3	<6	<1	<0.1	<0.5
MW-6	12/19/08	-	-	-	-	-	-	-	-	27	<1	15	<3	42	13	NA	NA
	3/12/09	-	-	-	-	-	-	-	-	21	1	14	<3	36	8	0.390	<0.5
	6/30/09	-	-	-	-	-	-	-	-	18	<1	10	3	31	13	0.310	<0.5
	10/19/09	2	20	9	7	4	<20	<10	<10	13	37	23	18	91	<1	0.610	<0.5
MW-7	12/19/08	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
	3/12/09	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
	6/30/09	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
	10/19/09	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
MW-8	10/19/09	<1	<1	<1	<1	<1	<20	<10	<1	<1	<1	<1	<3	<6	<1	<0.1	0.8
MW-9	10/19/09	<1	<1	<1	23	7	<20	28	14	2.0	67	44	256	369	<1	2.4	<0.5
MW-10	10/19/09	<1	<1	<1	<1	<1	<20	<20	<10	<1	<1	<1	<3	<6	2	<0.1	<0.5
MW-11	10/19/09	<1	<1	<1	<1	<1	<20	<10	<1	<1	<1	<1	<3	<6	<1	<0.1	<0.5
MW-12	10/19/09	<1	<1	<1	5	3	40	27	65	3.0	6.0	8	59	76	9	0.640	0.6
MW-13	10/19/09	<1	<1	<1	<1	<1	<20	<20	<10	<1	<1	<1	<3	<6	1	<0.1	<0.5

Table 4

Historical Groundwater Analytical Data Summary

Transit Truck Stop
8400 Veterans Highway
Millersville, MD

Well	Date	EDB (µg/l)	Chloro-ethane (µg/l)	1,2-DCA (µg/l)	Naphth-alene (µg/l)	IPB (µg/l)	TAA (µg/l)	MEK (ug/l)	Acetone (ug/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	Total BTEX (µg/l)	MTBE (µg/l)	TPH - GRO (mg/l)	TPH - DRO (mg/l)
MDE Groundwater Standards*		0.05	3.6	5	10.00	66	-	700	550	5.0	1,000	700	10,000	-	20	0.047	0.047
MW-14	10/19/09	<1	<1	<1	22	<1	<20	<20	<10	2.0	<1	<1	<3	2	4	<0.1	<0.5
Transit Potable Well	4/12/06	-	-	-	-	-	-	-	-	ND	5.0	ND	ND	5	ND	0.5	57
	10/21/09	<1	<1	<1	22	<1	<20	<20	<10	5.0	<1	<1	1	6	7	<0.1	<0.5
8424 Potable Well	5/7/07	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	ND	<0.5	<0.2	<0.1
	9/27/07	-	-	-	-	-	-	-	-	1.18	<0.5	<0.5	<1.5	1.18	2.37	NA	NA

Notes:

BTEX - Benzene, Toluene, Ethylbenzene and Xylenes
MTBE - Methyl Tertiary Butyl Ether
EDB - 1,2 Dibromoethane
1,2 DCA - 1,2 Dichloroethane
IPB - Isopropylbenzene
TAA - Tert-Amyl alcohol
MEK - 2 Butanone
mg/l - milligrams per liter
µg/l - micrograms per liter
WNF - Well Not Found
ND - Not Detected
NA - Not Analyzed
* = MDE Standard Concentrations for the Protection of Groundwater
< - concentration is less than the detection limit
Dry - Well Dry at time of sampling event

Table 5

Groundwater Analytical Data Summary for Area Potable Supply Wells

Transit Truck Stop
8400 Veterans Highway
Millersville, MD

Well	Date	PCE (µg/l)	1,2-DCA (µg/l)	Naphthalene (µg/l)	Benzene (µg/l)	MTBE (µg/l)
8436 Veterans Highway (AACE FCU)	5/1/08	-	-	-	21.0	-
8438 Veterans Highway (Jiffy Hitch)	4/30/08	8.9	-	-	160	160.00
8514 Veterans Highway (SP Racket Ball Club)	5/28/08	-	-	-	5.14	-
8550 Veterans Highway (Capezio Contractors)	12/10/07	-	-	-	92.6	-
205 Najoles Road (United Propane)	3/11/08	-	13	15	305	35
210 Najoles Road (United Propane)	6/16/04 1/15/08	- -	- -	22 24	460 338	- 247
212 Najoles Road (Royals Insulation, Able Contractors, About Time Cleaning)	6/18/08	-	-	-	92.6	-

Notes:
MTBE - Methyl Tertiary Butyl Ether
PCE - Tetrachloroethene
1,2 DCA - 1,2 Dichloroethane
µg/l - micrograms per liter
Note: Analytical results obtained from MDE case summary report.

APPENDIX A

MDE APPROVAL LETTER (July 31, 2009)

MARYLAND DEPARTMENT OF THE ENVIRONMENT
Oil Control Program, Suite 620, 1800 Washington Blvd., Baltimore MD 21230-1719
410-537-3442 • 410-537-3092 (fax) 1-800-633-6101

July 31, 2009

Mr. J. Kent McNew
Eastern Petroleum Corporation
1915 Lincoln Drive
Annapolis MD 21401

RE: SUPPLEMENTAL SITE INVESTIGATION PLAN (SSIP) APPROVAL
Case No. 2007-0214-AA
The New Transit Truck Stop
8400 Veterans Highway
Millersville, Maryland
Facility I.D. No. 6767

Dear Mr. McNew:

The Maryland Department of the Environment-Oil Control Program (MDE-OCP) recently completed a review of the *Underground Storage Tank Closure Report – July 3, 2009* and the *Supplemental Site Investigation Plan – July 17, 2009* for the above-referenced property located in Anne Arundel County. In May through June 2009, four steel 20,000-gallon underground storage tanks (three diesel and one gasoline tank) were removed for proper disposal. Approximately 765 feet of recent and abandoned product piping associated with the tanks was also removed for proper disposal. Approximately 3,136 tons of soil and 24,417 gallons of product/water mix were removed for proper off-site disposal during the excavation activities.

Eighteen soil samples were taken from the bottom and sidewalls of the tank field excavation, and a total of 46 samples were taken below the piping runs, dispensers, and along the western property boundary near the truck scale. In order to augment the data obtained during tank and soil removal activities and previous investigations, the *SSIP* proposed to install nine direct push borings in three locations, install three monitoring wells, and investigate the former drinking water supply well. The Department hereby approves the *SSIP* contingent upon the following items:

- The Oil Control Program requires four additional monitoring wells through first groundwater in addition to the three proposed monitoring wells to investigate areas of concern (a total of seven monitoring wells). See figure included for approximate locations.

- Pathways for sewer utilities must be located prior to installing new monitoring wells. Plot sewer utilities accurately on future maps.

- The screen portion of the monitoring wells should extend 10 feet above and 10 feet below the water table interface (refer to OCP well specifications in the MDE MEAT guidance document) to account for seasonal fluctuations in groundwater.

- Continuous cores must be collected from all direct push and monitoring well borings for contaminant and stratigraphic assessment.

- Note a total of nine direct push borings were proposed in three separate areas of the site, however more points may be required based on field observations. Please note, that the Department may require additional monitoring wells in these areas to investigate groundwater.

- Install the two direct push borings down gradient from the dry wells rather than through the manhole openings as proposed in order to prevent damage to equipment.

- Temporary wells must be installed in direct push borings where moisture is detected in order to sample groundwater if present. Notify case manager Mr. Michael Edillon prior to abandoning temporary well points.

- Please note, MDE generally requires the well driller to develop the monitoring wells, however the OCP will allow for Envirotech to develop the wells. MDE must be notified so that the case manager has an opportunity to be on-site to observe well development activities.

- All monitoring wells must be surveyed in order to develop a groundwater elevation contour map and a to-scale site map.

- The OCP understands that MW-7 does not produce water. This well may be properly abandoned by a Maryland-licensed well driller.

- All soil generated during well installations must be containerized for proper off-site disposal. Water generated during well installation and development activities must either be treated via the on-site system or containerized for proper off-site disposal. Submit to the Oil Control Program a copy of all disposal receipts.

- Monitoring wells may be sampled no sooner than 14-days after well development to allow groundwater within the wells to reach equilibrium prior to data collection.

- Please note, all soil and groundwater samples collected must be analyzed for full-suite volatile organic compounds (VOCs), including fuel oxygenates, using EPA Method 8260 and for TPH-DRO/GRO using EPA Method 8015B.

- When sampling the former supply well, the screen must remain submerged during purging activities. Collect samples from the tubing once parameters have stabilized or three well volumes have been purged.

- All monitoring wells and the former supply well must be gauged for product and water levels monthly and sampled and analyzed on a quarterly basis, unless otherwise directed by the Department. Results must be reported in quarterly reports.

- Well construction logs for both old and new monitoring wells must be submitted with the SSIP report of results.

- Report when monitoring wells were developed and methods used.

- Due to petroleum impacts to drinking water supply wells in the area and results of site activities, the Department requires Eastern Petroleum to generate a hydrogeologic conceptual model. The Oil Control Program understands that the total depth of the former on-site supply well is approximately 85-93 feet below surface grade. Please note that the depths of petroleum impacted drinking water supply wells in the area occur between 95 and 146 feet below surface grade. Submittal of the conceptual model must be included with the SSIP report. Adjacent and nearby water supply well logs, geologic maps, on-site monitoring wells logs, etc. must be used to formalize the hydrogeology and geologic cross-sections of the site and surrounding area. Pending review, the Department may require deep monitoring wells and/or test borings.

- Contact case manager Mr. Michael Edillon to mark direct push points and monitoring well locations prior to installation, but after utility and piping mark outs are complete.

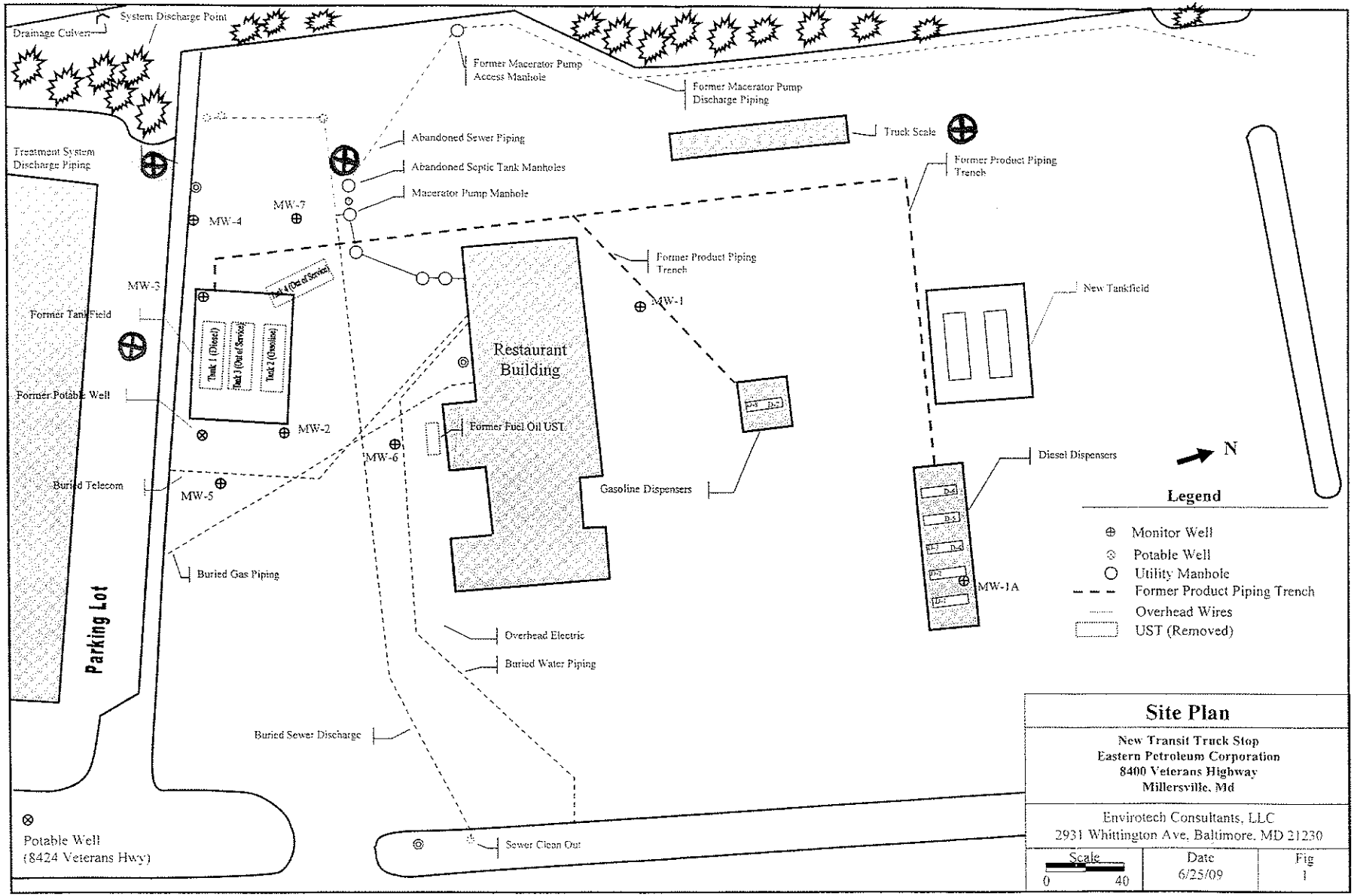
- No work schedule was provided in the *SSIP* for completion as required by the Consent Order Agreement. According to the Consent Order Agreement all work must be completed by September 15, 2009 and the report is due September 30, 2009.

When submitting documentation to the Oil Control Program, submit three (3) hard copies and an electronic copy on a compact disc (CD) to the attention of the case manager at the above letterhead address. Notify the Oil Control Program at least five (5) working days prior to conducting any work at this site so we have an opportunity to observe field activities. If you have any questions, please contact the case manager, Mr. Edillon at 410-537-4151 or via email: medillon@mde.state.md.us or the undersigned at 410-537-3482 or via email: ejackson@mde.state.md.us.

Sincerely,

Ellen Jackson, Central Region Section Head
Remediation Division and State Lead Division
Oil Control Program

me/CR
cc: Mr. Kip Kraus (Envirotech Consultants, LLC)
Ms. Kerry Topovski (Anne Arundel County Health Department)
Ms. Ginger D. Klingelhoefer-Ellis (Anne Arundel County Department of Public Works)
Mr. Christopher Ralston
Mr. Herbert M. Meade
Ms. Priscilla N. Carroll
Mr. Horacio Tablada



⊕ Approximate locations of additional required monitoring wells

MDE-OCP Case # 07-0214-AA

APPENDIX B

LOCAL WATER SUPPLY WELL INFORMATION

TRANSIT TRUCK

WELL ROAD	OWNER	ADDRESS	CITY	ST	ZIP	PERMIT	DRILLER NO	DRILLER NAME	U	MD N	MD E	LAT	LOG	DATE DRILLED	WELL DPTH	GRT DPTH	CAS DPTH	SCRN DPTH	DTW	PUMP LNGTH
RT3 ROBERT CRAIN HWY	SSM CORP.C/O NEW TRA	P.O. BOX 705 ROUTE 3	MILLERSVILLE	MD	21108	AA885826	MWD0486	RICHARD L. SHOCKLEY	T	463000	906000	39.104193	76.626165	3/14/1991	43	32	33	43	40	
RT3 ROBERT CRAIN HWY	SSM CORP.C/O NEW TRA	P.O. BOX 705 ROUTE 3	MILLERSVILLE	MD	21108	AA885827	MWD0486	RICHARD L. SHOCKLEY	T	463000	906000	39.104193	76.626165	3/15/1991	46	35	36	46	40	
RT3-ROBERT CRAIN HWY	SSM CORP C/O NEW TRA	PO BOX 705 ROUTE 3	MILLERSVILLE	MD	21108	AA884330	MWD0486	RICHARD L. SHOCKLEY	T	463000	906000	39.104193	76.626165	5/11/1990	45	34	35	45	40	
RT3-ROBERT CRAIN HWY	SSM CORP C/O NEW TRA	PO BOX 705 ROUTE 3	MILLERSVILLE	MD	21108	AA884331	MWD0486	RICHARD L. SHOCKLEY	T	463000	906000	39.104193	76.626165	5/11/1990	45	34	35	45	41	
RT3-ROBT. CRAIN HWY.	SSM CORP C/O NEW TRA	P.O. BOX 705 ROUTE 3	MILLERSVILLE	MD	21108	AA883800	MWD0486	RICHARD L. SHOCKLEY	T	463000	906000	39.104193	76.626165	12/7/1989	49	37	39	49	41	
RT3-ROBT. CRAIN HWY.	SSM CORP C/O NEW TRA	P.O. BOX 705 ROUTE 3	MILLERSVILLE	MD	21108	AA883901	MWD0486	RICHARD L. SHOCKLEY	T	463000	906000	39.104193	76.626165	12/6/1989	50	38	40	50	45	
RT3-ROBT. CRAIN HWY.	SSM CORP C/O NEW TRA	P.O. BOX 705 ROUTE 3	MILLERSVILLE	MD	21108	AA883902	MWD0486	RICHARD L. SHOCKLEY	T	463000	906000	39.104193	76.626165	12/7/1989	58	36	38	58	38	
CRAIN/301/3	STONE, GEORGE W	R R 2 BX 90	MILLERSVILLE	MD	21108	AA732554	MWD0080	BRANHAM WELL DRLG	D	460000	900000	39.096022	76.647349	1/18/1974	85	43	78	85	35	70
CRAIN/301/3	STONE, GEORGE W	P O BX 600 RT 3	MILLERSVILLE	MD	21108	AA738075	MWD0234	HOUSTON, JOHN B	I	466108	904399	39.112741	76.631768	9/24/1977	248	105	241	248	62	236
CRAIN/301/3	STONE, GEORGE W	P O BX 600 RT 3	MILLERSVILLE	MD	21108	AA738076	MWD0234	HOUSTON, JOHN B	I	465625	904262	39.111418	76.632257	9/26/1977	93	60	86	93	46	81
CRAIN/301/3	STONE, GEORGE W	P O BX 600 RT 3	MILLERSVILLE	MD	21108	AA738432	MWD0234	HOUSTON, JOHN B	I	465000	905000	39.109696	76.629661	10/5/1977	93	60	86	93	46	77
555 JANDON COURT	MILLER ADAM	555 JANDON COURT	MILLERSVILLE	MD	21108	AA885560	MWD0288	WOLFORD, DENTON J.	D	462000	908000	39.101425	76.619132	9/28/1991	175	40	168	175	100	150
JANDON CT	SEGNER, CHARLES	LYMINGTON RD	SEVERNA PARK	MD		AA730892	MWD0136	GREER, H J DRLG CO	D	465000	910000	39.109639	76.61204	2/17/1973	160		173	178	90	115
JANDON CT	GARMAN BROS BLDRS	5714 QUEEN VALLEY PL	ELKRIDGE	MD		AA731562	MWD0136	GREER, H J DRLG CO	D	465000	905000	39.109696	76.629661	6/26/1973	115		110	115	90	105
JANDON CT LARBO RD	SEGNER, CHARLES	LYMINGTON RD	SEVERNA PARK	MD		AA731563	MWD0136	GREER, H J DRLG CO	D	465000	905000	39.109696	76.629661	6/23/1973	118		113	118	90	100
LARBO HAMELLA CT	SEGNER, CHARLES	472 LYMINGTON RD	SEVERNA PARK	MD		AA730893	MWD0136	GREER, H J DRLG CO	D	465000	910000	39.109639	76.61204	2/18/1973	160		155	160	93	120
LARBO RD	DALFONZO JOHN	21 LARBO RD	MILLERSVILLE	MD	21108	AA730772	MWD0136	GREER, H J DRLG CO	D	465000	910000	39.109639	76.61204	1/8/1973	147		142	147	100	120
LARUE RD	GETTINGS BG	8249 WATERFORD RD	PASADENA	MD	21122	AA815256	MWD0080	BRANHAM, JOHN E.	D	464000	908000	39.106916	76.619103	9/16/1985	191	20	184	191	40	150
HAMELLA COURT	BOSSE, HAMMOND	BRIGHTVIEW DR	MILLERSVILLE	MD		AA813256	MWD0352	BRANHAM, JAMES A.	D	451000	907000	39.071235	76.622818	10/8/1984	160	20	153	160	65	90
HAMELLA COURT	BOSSE, HAMMOND	201 A BRIGHTVIEW DR	MILLERSVILLE	MD		AA700565	MWD0136	GREER, H J DRLG CO	D					3/10/1970	136	30	131	136	110	125
HAMELLA COURT	SEGNER, CHARLES		SEVERNA PARK	MD		AA710716	MWD0136	GREER, H J DRLG CO	D	465000	910000	39.109639	76.61204	5/7/1971	57	30	52	57	28	45
HAMILLA CT	SEGNER, CHARLES	1302 CARROLL RD	SEVERNA PARK	MD		AA730262	MWD0135	GREER, H J DRLG CO	D	465000	910000	39.109639	76.61204	9/13/1972	59		54	59	30	50
HAMILLA CT	SEGNER, CHARLES	1302 CARROLL RD	SEVERNA PARK	MD		AA720315	MWD0136	GREER, H J DRLG CO	D	460000	905000	39.095968	76.629732	11/12/1971	170		165	170	115	140
8329 VETERANS HWY	CARR AMOS D	8329 VETERANS HWY	MILLERSVILLE	MD	21108	AA720330	MWD0136	GREER, H J DRLG CO	D	460000	905000	39.095968	76.629732	10/1/1971	160		155	160	120	145
8550 VETERANS HWY	CHILDRENS LEARNING	8550 VETERANS HWY	MILLERSVILLE	MD	21108	AA886644	MWD0337	GREER, JOHN EDWIN	D	465000	904000	39.109707	76.633185	8/29/1991	227	150	222	227	70	120
VETERANS HWY	PIONEER CONTRACTING	1874 BUCKLINA AVE	ODENTON	MD	21113	AA888329	MWD0456	KLOBY, BRIAN E.	D	460000	905000	39.095968	76.629732	8/4/1992	95	80	85	95	55	90
CRAIN/301/3	AAPW MILLERSVILLE	MILLERSVILLE GARAGE	MILLERSVILLE	MD		AA887966	MWD0469	ARNETTE, MARSHAL E.	D	465000	904000	39.109707	76.633185	5/27/1992	217	200	210	217	60	130
CRAIN/301/3	ANNE ARUNDEL COUNTY	ARUNDEL CENTER	ANNAPOLIS	MD		AA733940	MWD0172	ESTES, RALPH O.	I	460000	905000	39.095968	76.629732	9/10/1975	286	110	273	286	65	168
CRAIN/301/3	BAKER, RUSSELL	4 BEACH RD	SHERWOOD FOREST	MD		AA736823	MWD0055	BUNKER, H H & SONS	I	435000	890000	39.027481	76.682889	1/31/1977	90	50	85	90	41	60
CRAIN/301/3	CHESAPEAKE MOBILE HM	RT 3 BX 1000	MILLERSVILLE	MD	21108	AA740129	MWD0080	BRANHAN, JOHN	I	461870	905848	39.10109	76.626724	1/5/1979	135	90	128	135	69	125
CRAIN/301/3	CHESAPEAKE MOBILE HM	P O BX 288	MILLERSVILLE	MD	21108	AA733426	MWD0080	BRANHAM WELL DRLG	I	465000	905000	39.109696	76.629661	8/29/1974	52	20	42	52	19	39
CRAIN/301/3	DEVELOP FACILITATORS	650 RITCHIE HWY	SEVERNA PARK	MD	21146	AA818517	MWD0337	GREER, JOHN EDWIN	I	466315	904230	39.113311	76.632361	8/5/1987	85	35	80	85	50	72
CRAIN/301/3	ELVA MAE CARR	BOX 27 MD RT 3 NORTH	MILLERSVILLE	MD		AA742917	MWD0135	GREER, ELMER E.	I	460548	905978	39.09746	76.626285	4/3/1981	137	24	132	137	55	105
CRAIN/301/3	FEUERHARDT, MARY N	BOX 242	MILLERSVILLE	MD		AA814385	MWD0337	GREER, JOHN EDWIN	D	465000	905000	39.109696	76.629661	3/6/1985	100	30	95	100	50	80
CRAIN/301/3	HOLLAND, BERTHA	RT 3 NORTH	MILLERSVILLE	MD		AA720310	MWD0055	BUNKER, H H & SONS	D	460000	900000	39.096022	76.647349	9/18/1971	98	20	93	98	40	80
CRAIN/301/3	JACK S FEICK & ASSOC	517 BENFIELD RD	SEVERNA PARK	MD	21108	AA739074	MWD0005	FRANK'S WELL DRLG CO	D	445000	900000	39.054837	76.647553	5/19/1978	100	20	95	100	60	80
CRAIN/301/3	JOHNSON, J F	1900 WEST ST	ANNAPOLIS	MD	21146	AA882484	MWD0136	GREER, HAROLD J.	D	460000	904000	39.095979	76.633255	4/21/1989	130	26	125	130	55	110
CRAIN/301/3	KLIMA, MARIE R	3484 MILLSMERE RD	BALTIMORE	MD		AA734181	MWD0172	ESTES, RALPH O.	I	465000	900000	39.10975	76.647281	7/20/1975	85	70	80	85	45	60
CRAIN/301/3	KRICK NICHOLAS	76 MD RT 3 NORTH LA	MILLERSVILLE	MD	21108	AA730304	MWD0055	BUNKER, H H & SONS	D	460000	900000	39.096022	76.647349	11/24/1972	80	20	75	80	46	70
CRAIN/301/3	LANNING, RICHARD	BX 162 RT 3	MILLERSVILLE	MD	21108	AA814910	MWD0005	FRANK, WALTER J.	D	463000	904000	39.104216	76.633213	7/11/1985	205	30	195	205	55	80
CRAIN/301/3	RIHA, WILLIAM	13 FERNDALE AVE	GLEN BURNIE	MD		AA731632	MWD0080	BRANHAM WELL DRLG	D	460000	900000	39.096022	76.647349	7/18/1973	196	40	189	196	115	180
CRAIN/301/3	SACKS, MELVIN	617 HOLLYRIDGE RD	SEVERNA PARK	MD		AA711046	MWD0055	BUNKER, H H & SONS	D	460000	900000	39.096022	76.647349	6/21/1971	78	20	73	78	48	65
CRAIN/301/3	SAIA, JOHN	BX 177	MILLERSVILLE	MD		AA734668	MWD0234	HOUSTON, JOHN B	D	460000	905000	39.095968	76.629732	6/27/1975	95	25	88	95	45	70
CRAIN/301/3	SAIA, JOHN	BX 177	MILLERSVILLE	MD		AA733629	MWD0234	HOUSTON, JOHN B	D	460000	900000	39.096022	76.647349	10/3/1974	133	25	126	133	70	100
CRAIN/301/3	SUNMARK IND DIV SUN	5900 PR GARDENS PKY	LANHAM	MD		AA736161	MWD0136	GREER, H J DRLG CO	D	465000	905000	39.109696	76.629661	9/28/1976	93	25	88	93	65	75
CRAIN/301/3	TEPPER, CARL	RT 3	MILLERSVILLE	MD	21108	AA743423	MWD0136	GREER, HAROLD J.	I	465000	905000	39.109696	76.629661	7/11/1981	86	25	81	86	60	78
CRAIN/301/3	TUMBLE INN REST	RT 3	MILLERSVILLE	MD		AA734407	MWD0234	HOUSTON, JOHN B	D	460000	905000	39.095968	76.629732	5/9/1975	110	25	103	110	60	90
CRAIN/301/3	WARD W H	P O BX 235	GLEN BURNIE	MD	21061	AA730583	MWD0005	FRANK'S WELL DRLG CO	I	465000	900000	39.10975	76.647281	11/20/1972	237	20	222	237	65	105
CRAIN/301/3	WATSON TURNER U	9 MD RT 3 N LANE	MILLERSVILLE	MD	21108	AA880051	MWD0366	BUNKER, H. H. III	I	460000	906000	39.095957	76.626209	8/13/1988	146	23	139	146	65	120
CRAIN/301/3	WATSON, ROLAND	220 MD RT 3 N	MILLERSVILLE	MD	21108	AA811979	MWD0005	FRANK, WALTER J.	D	465000	904000	39.109707	76.633185	7/26/1983	220	30	210	220	78	100
CRAIN/301/3	WOODROW WARD	RT 3 NORTH	MILLERSVILLE	MD	21108	AA743471	MWD0005	FRANK, WALTER J.	D	460000	905000	39.095968	76.629732	7/29/1981	80	20	70	80	55	65
CRAIN/301/3	Y W STONE INC	P O BX 600	MILLERSVILLE	MD		AA884671	MWD0366	BUNKER, H. H. III	I	460000	905000	39.095968	76.629732	6/20/1990	122	24	115	122	58	
HEADQUARTERS DR.	ADMIRALTY ENGR. ASSO	P.O. BOX 247	BRYANTOWN	MD	20617	AA739608	MWD0234	HOUSTON, JOHN B	I	465000	905000	39.109696	76.629661	10/18/1978	124	20	117	124	59	100
HEADQUARTERS DR.	ADMIRALTY ENGR. ASSO	P.O. BOX 247	BRYANTOWN	MD	20617	AA883950	MWD0333	BRUCE H. SCHLAICH	T	462000	907000	39.101437	76.622656	1/29/1990	30	17	20	30	1	
HEADQUARTERS DR.	ADMIRALTY ENGR,. ASS	P.O. BOX 247	BRYANTOWN	MD	20617	AA883951	MWD0333	BRUCE H. SCHLAICH	T	462000	907000	39.101437	76.622656	1/30/1990	30	17	20	30	1	
HEADQUARTERS DR.	ADMIRALTY ENGR. ASSO	P.O. BOX 247	BRYANTOWN	MD	20617	AA883952	MWD0333	BRUCE H. SCHLAICH	T	462000	907000	39.101437	76.622656	1/24/1990	25	13	15	25		
HEADQUARTERS DR.	ADMIRALTY ENGR. ASSO	P.O. BOX 247	BRYANTOWN	MD	20617	AA883953	MWD0333	BRUCE H. SCHLAICH	T	462000	907000	39.101437	76.622656	1/23/1990	30	16	20	30	1	
													AVERAGE(S)	11/20/1978	134	45	128	135	64	101

WELL ROAD	OWNER	ADDRESS	CITY	ST	ZIP	PERMIT	DRILLER NO	DRILLER NAME	U	MD N	MD E	LAT	LOG	DATE DRILLED	WELL DPTH	GRT DPTH	CAS DPTH	SCRN DPTH	DTW	PUMP LNGTH
CRAIN/301/3	ANDREW THOMAS		GAMBRILLS	MD		AA053594	MWD0999	H H BUNKER & SONS IN	D					9/14/1963	93				60	80
CRAIN/301/3	BALDWIN THOMAS	BALDWIN FARMS	GAMBRILLS	MD		AA036238	MWD0999	H H BUNKER & SONS	F					9/24/1959	144				90	
CRAIN/301/3	BALDWIN THOMAS		MILLERSVILLE	MD		AA023314	MWD0999	H H BUNKER & SONS	D					5/5/1956	125				102	70
CRAIN/301/3	BELT JOSEPH	RT 2 BOX 286	MILLERSVILLE	MD		AA054886	MWD0999	H H BUNKER & SONS	D					11/11/1963	98				68	134
CRAIN/301/3	BROWN RAY D	SEVERN RUN	MILLERSVILLE	MD		AA027782	MWD0999	H H BUNKER & SONS	D					8/2/1957	98				77	
CRAIN/301/3	BROWN THOMAS	SUNRISE BCH RD	CROWNSVILLE	MD		AA018474	MWD0999	HENRY A GROPP	D					4/7/1955	85				50	
CRAIN/301/3	BRUSH JAMES	BOX 65	MILLERSVILLE	MD		AA033871	MWD0999	HENRY A GROPP	D					3/24/1959	147				122	
CRAIN/301/3	CHANEY LAWRENCE		MILLERSVILLE	MD		AA006413	MWD0999	H A GROPP	D					8/9/1950	212					
CRAIN/301/3	COLONIAL BUILDERS		LINTHICUM	MD		AA032813	MWD0999	H H BUNKER & SONS IN	D					12/5/1958	83				55	
CRAIN/301/3	CONNASTER FRED	US 301	MILLERSVILLE	MD		AA026385	MWD0999	H H BUNKER & SONS	D					4/5/1957	95				58	
CRAIN/301/3	CONTINENTAL HOME IMP	217 N CALVERT ST	BALTIMORE	MD		AA023372	MWD0999	H H BUNKER & SONS	D					5/29/1956	120				71	
CRAIN/301/3	DAVENPORT, THOMAS		MILLERSVILLE	MD		AA008356	MWD0999	D R BUNKER	D					7/31/1951	130				100	
CRAIN/301/3	DAVENPORT, THOMAS		MILLERSVILLE	MD		AA033939	MWD0999	H H BUNKER & SONS	D					3/23/1959	114				80	60
CRAIN/301/3	DELMAR MOTEL	MD 3 BOX 298	MILLERSVILLE	MD		AA050354	MWD0999	J H BROWN	I					1/25/1963	110				70	
CRAIN/301/3	DORR, WILLIAM		MILLERSVILLE	MD		AA001518	MWD0999	WASH PUMP & WELL	D					7/10/1947	108				81	
CRAIN/301/3	FOX ROBERT	BOX 114 RT 1	MILLERSVILLE	MD		AA017632	MWD0999	HENRY A GROPP	D					2/1/1955	72				38	
CRAIN/301/3	FRAME E E		GAMBRILLS	MD		AA056752	MWD0999	H H BUNKER & SONS	D					3/20/1964	83				49	70
CRAIN/301/3	FULLER W F		MILLERSVILLE	MD		AA004624	MWD0999	GEORGE E CROUSE	D					8/31/1949	97				62	100
CRAIN/301/3	GENE'S BODY SHOP					AA670548			I					12/20/1966	141				60	
CRAIN/301/3	GROSS JOSEPH E	2026 W FAYETTE ST	BALTIMORE	MD		AA037914	MWD0999	H H BUNKER & SON	D					2/11/1960	88				51	
CRAIN/301/3	HANSEN OLIVER D	2801 KILDARE DRIVE	BALTIMORE	MD		AA027051	MWD0999	HENRY A GROPP	D					6/3/1957	126				60	
CRAIN/301/3	JOHNSON H N	MILLERSVILLE CECIL	MILLERSVILLE	MD		AA044588	MWD0999	JOHN H BROWN	D					2/16/1962	105				70	84
CRAIN/301/3	JONES ARTHUR	US 301	GAMBRILLS	MD		AA027346	MWD0999	H H BUNKER & SONS	D					6/17/1957	62				35	
CRAIN/301/3	KALB MILTON		CROWNSVILLE	MD		AA023790	MWD0999	H H BUNKER & SONS IN	D					6/30/1956	119				80	
CRAIN/301/3	KRICK NICHOLAS		MILLERSVILLE	MD		AA011145	MWD0999	HENRY A GROPP	D					8/17/1952	95				40	
CRAIN/301/3	KRICK NICKOLES	RT 2	MILLERSVILLE	MD		AA650235	MWD0005	WALTER J FRANK	D					8/16/1964	220				42	
CRAIN/301/3	LOGUE PAUL		MILLERSVILLE	MD		AA023192	MWD0999	H H BUNKER & SONS	D					5/18/1956	62				33	
CRAIN/301/3	LONG M E		MILLERSVILLE	MD		AA030156	MWD0999	H H BUNKER & SONS	D					3/16/1958	107				56	
CRAIN/301/3	MARKS JACK	CRAIN HIGHWAY	MILLERSVILLE	MD		AA047684	MWD0999	J ROLAND TUBMAN	D					6/27/1962	81				42	
CRAIN/301/3	MARVA REALTY CO	32 SHERATON RD	RANDALLSTOWN	MD		AA033985	MWD0999	HENRY A GROPP	D					4/10/1959	107				67	84
CRAIN/301/3	MARVA REALTY CO	32 SHERATON RD	RANDALLSTOWN	MD		AA033986	MWD0999	HENRY A GROPP	D					4/13/1959	90				64	85
CRAIN/301/3	MARVA REALTY COMPANY	ODENTON ROAD	ODENTON	MD		AA030021	MWD0999	HENRY A GROPP	D					3/10/1958	94				77	80
CRAIN/301/3	MEDNICK HERMAN	111 N CHARLES ST	BALTIMORE	MD		AA040065	MWD0999	J ROLAND TUBMAN	I					8/16/1960	198				50	60
CRAIN/301/3	MENGELE ANDREW	INDIAN LANDING RD	MILLERSVILLE	MD		AA011471	MWD0999	HENRY A GROPP	D					12/5/1952	105				57	160
CRAIN/301/3	MENGELE FRA5K	9217 BINNEY ST	BALTIMORE	MD		AA011146	MWD0999	HENRY A GROPP	D					8/31/1952	100				56	
CRAIN/301/3	PARKER M	4300 BELLE GROVE RD	BALTIMORE	MD		AA011453	MWD0999	HENRY A GROPP	I					12/3/1952	74				33	
CRAIN/301/3	SCRUGGS, JESSE	CECIL AVE	MILLERSVILLE	MD		AA700605	MWD0136	GREER, H J DRLG CO	I					3/24/1970	192	30	187	192	95	80
CRAIN/301/3	SINCLAIR	CRAIN HWY	MILLERSVILLE	MD		AA011507	MWD0999	H H BUNKER JR	D					12/20/1952	76				52	63
CRAIN/301/3	SMITH RUFUS		MILLERSVILLE	MD		AA043300	MWD0999	H H BUNKER & SONS	D					6/26/1961	91				70	65
CRAIN/301/3	SMITH, RUFUS	RT 2 BX 281	MILLERSVILLE	MD		AA700535	MWD0005	FRANK'S WELL DRLG CO	D					2/25/1970	100	20	95	100	66	130
CRAIN/301/3	SOCONY MOBIL OIL CO	1914 N CHARLES ST	BALTIMORE	MD		AA042389	MWD0999	J ROLAND TUBMAN	I					4/11/1961	75				29	105
CRAIN/301/3	SOUTH SHORE DEV		GAMBRILLS	MD		AA034138	MWD0999	H H BUNKER & SONS	D					4/15/1959	98				55	
CRAIN/301/3	ST STEPHENS CHURCH		CROWNSVILLE	MD		AA057378	MWD0999	H H BUNKER & SONS	I					5/1/1964	138				110	
CRAIN/301/3	STEVENSON ROBERT		SEVERN	MD		AA054128	MWD0999	HENRY W CROUSE	D					9/30/1963	120				50	
CRAIN/301/3	STINCHCOMB EARL C	RFD 1 BOX 122	MILLERSVILLE	MD		AA040046	MWD0999	J ROLAND TUBMAN	D					8/8/1960	91				18	
CRAIN/301/3	STINCHOMB WINFRED	CRAIN HIGHWAY	MILLERSVILLE	MD		AA007002	MWD0999	HENRY A GROPP	D					11/10/1950	89					
CRAIN/301/3	TAYLOR PRESLEY		GAMBRILLS	MD		AA025912	MWD0999	H H BUNKER & SONS	F					3/18/1957	77				51	
CRAIN/301/3	THUMEL ORVIE B JR		MILLERSVILLE	MD		AA006845	MWD0999	H A GROPP	D					10/20/1950	98					70
CRAIN/301/3	TURNER NELSON		GAMBRILLS	MD		AA029504	MWD0999	H H BUNKER & SONS	D					12/11/1957	87				65	88
CRAIN/301/3	WIGLEY HENRY C	ANDERSONS CORNER	MILLERSVILLE	MD		AA034855	MWD0999	H H BUNKER & SONS	D					6/2/1959	110				58	
CRAIN/301/3	WIGLEY HENRY C	ANDERSONS CORNER	MILLERSVILLE	MD		AA050510	MWD0999	H H BUNKER & SONS	D					2/9/1963	83				58	
													AVERAGE(S)	7/1/1958	108	25	141	146	62	88

8550 Veterans Hwy

UPDATE COMPLETED WELLS Filename: SE.WELLS Mode: UPDATE
Record type: 01 Last record type: 01 Auto-dup: OFF
WELL TAG # 888329
WELL DEPTH 00095 COMPLETION DATE 19920804 DATE RECEIVED 19921127
DESCRIPTION 1 TAN SAND FROM 1 0000 TO 1 0002
DESCRIPTION 2 BROWN CLAY FROM 2 0002 TO 2 0010
DESCRIPTION 3 TAN SAND FROM 3 0010 TO 3 0030
DESCRIPTION 4 WHITE CLAY FROM 4 0030 TO 4 0040
DESCRIPTION 5 TAN SAND FROM 5 0040 TO 5 0050
DESCRIPTION 6 WHITE CLAY FROM 6 0050 TO 6 0060
DESCRIPTION 7 RED CLAY FROM 7 0060 TO 7 0080
DESCRIPTION 8 TAN & BROWN SAND & GRAVEL FROM 8 0080 TO 8 0095
DESCRIPTION 9 FROM 9 TO 9
GROUTING MATR. BC GROUTING BAGS 8 GROUTING POUNDS 400
GROUTING GALLONS 0200 GROUTING DEPTH 0-80 CASING TYPE 1 PL
CASING DIAMETER1 04 CASING DEPTH 1 00085 CASING TYPE 2
CASING DIAMETER2 CASING DEPTH 2 SCREEN TYPE PL
SCREEN DEPTH 85-95 SCREEN SLOT SIZE 020 SCREEN DIAMETER 04
GRAVEL PACK 80-95 PUMPING HOURS 01 PUMPING RATE 00020
PUMPING METHOD AIR LIFT PUMP H2O LEV B4 0055 PUMP H2O LEV AFT 00075
PUMPING TYPE A PUMP INS DRILLER Y PUMP INS TYPE S PUMP INS GPM 00010
PUMP INS HP .5 PUMP INS COLM LG 00090 ABANDONED WELL 1
DELETE CODE(X)

C1 7042 SEQUENCE NO (WRA USE ONLY)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL IS COMPLETED

COUNTY NUMBER

Date Received (WRA Use only): MAY 20 1981

DATE WELL COMPLETED: 4-3-81 — 040381

Depth of Well: 137 ft. (TO NEAREST FOOT)

PERMIT NO. FROM PERMIT TO DRILL WELL: AA-74-2912

OWNER: Development Faciliators Inc. (Mr. Pat Newman)
last name / first name

STREET OR RFD: 650 Ritchie Hwy   TOWN: Severna Park, MD 21146

SUBDIVISION: MD. RT. # Median   SECTION: Racquetball club   LOT: Commercial

WELL LOG
Not required for driven wells
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (use additional sheets if needed)	FEET FROM	FEET TO	Check if Water Bearing
Top soil	0	1	
Brown sand	1	15	
White clay	15	28	
Brown sand	28	41	
White clay	41	64	
Brown sand	64	71	
White clay	71	128	
Medium brown sand	128	137	x

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box): (Y) N
TYPE OF GROUTING MATERIAL: CEMENT CM   BENTONITE CLAY (BC)
NO. OF BAGS: 2   NO. OF POUNDS: 200
GALLONS OF WATER: 100
DEPTH OF GROUT SEAL (to nearest foot): from 3 ft to 24 ft (enter 0 if from surface)

CASING RECORD
casing types (insert appropriate code below): ST STEEL, CO CONCRETE, PL PLASTIC, OT OTHER

MAIN CASING TYPE	Nominal diameter top of main casing (nearest inch)	Total depth of main casing (nearest foot)
PL	6	132

OTHER CASING (if used): diameter inch / depth (feet) from / to

SCREEN RECORD
screen type or open hole (insert appropriate code below): ST STEEL, BR BRASS BRONZE, HO OPEN HOLE, PL PLASTIC, OT OTHER

C2

EACH SCREEN	DEPTH (nearest ft.) from	to
PL	132	137

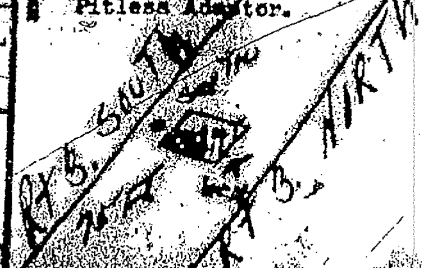
SLOT SIZE: 0.30
DIAMETER OF SCREEN: 4" (NEAREST INCH)
GRAVEL PACK: from ___ to ___
IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX: F

C3

PUMPING TEST
HOURS PUMPED (nearest hour): 1
PUMPING RATE (gal. per min. to nearest gal.): 55
METHOD USED TO MEASURE PUMPING RATE: air
WATER LEVEL (distance from land surface)
BEFORE PUMPING: 55
WHEN PUMPING: 64
TYPE OF PUMP USED (for test): A air, P piston, T turbine, C centrifugal, R rotary, O other (describe below), J jet, (S) submersible

PUMP INSTALLED
DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX): (YES Y) NO N
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O): S
CAPACITY: GALLONS PER MINUTE (to nearest gallon): 55
PUMP HORSE POWER: 5
PUMP COLUMN LENGTH (nearest ft): 105
CASING HEIGHT (circle appropriate box and enter casing height): (+) above / − below LAND SURFACE: 1 (nearest foot)

LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)
Pitless Adaptor.



CIRCLE APPROPRIATE BOX
A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
E ELECTRIC LOG OBTAINED
P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED IN THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS IDENT. NO. 135
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION): [signature]
MJ Greer Drilling Co.
SITE SUPERVISOR

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T ... (E.R.O.S.) ... W.Q.
TELESCOPE CASING / LOG INDICATOR / OTHER DATA

8514 Veterans

8438 Veterans Hwy

UPDATE COMPLETED WELLS Filename: SE.WELLS Mode: UPDATE
Record type: 01 Last record type: 01 Auto-dup: OFF
WELL TAG # 880051
WELL DEPTH 00146 COMPLETION DATE 19880513 DATE RECEIVED 19910705
DESCRIPTION 1 TAN SAND FROM 1 0000 TO 1 0010
DESCRIPTION 2 WHITE CLAY FROM 2 0010 TO 2 0026
DESCRIPTION 3 WHITE CLAY & TAN SAND FROM 3 0026 TO 3 0065
DESCRIPTION 4 WHITE & RED & GRAY CLAY FROM 4 0065 TO 4 0080
DESCRIPTION 5 GRAY CLAY FROM 5 0080 TO 5 0086
DESCRIPTION 6 CLAY, RED, WHITE TAN SAND FROM 6 0086 TO 6 0122
DESCRIPTION 7 WHITE & GRAY & RED CLAY FROM 7 0122 TO 7 0140
DESCRIPTION 8 TAN SAND FROM 8 0140 TO 8 0146
DESCRIPTION 9 FROM 9 TO 9
GROUTING MATR. BC GROUTING BAGS 5 GROUTING POUNDS 250
GROUTING GALLONS 0125 GROUTING DEPTH 23 CASING TYPE 1 PL
CASING DIAMETER1 04 CASING DEPTH 1 00139 CASING TYPE 2
CASING DIAMETER2 00 CASING DEPTH 2 SCREEN TYPE PL
SCREEN DEPTH 146 SCREEN SLOT SIZE 30 SCREEN DIAMETER 02
GRAVEL PACK 131-146 PUMPING HOURS 02 PUMPING RATE 00030
PUMPING METHOD BUCKET PUMP H2O LEV B4 0065 PUMP H2O LEV AFT 00100
PUMPING TYPE A PUMP INS DRILLER Y PUMP INS TYPE S PUMP INS GPM 00010
PUMP INS HP 1 PUMP INS COLM LG 00120 ABANDONED WELL 0
DELETE CODE(X)

C 6313 — SEQUENCE NO (DEP USE ONLY)

THIS NUMBER IS TO BE PUNCHED IN COLS 3-8 ON ALL CARDS)

STATE OF MARYLAND
WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED

COUNTY NUMBER 02

DATE Received 4/10/89

DATE WELL COMPLETED 12/31/83

Depth of Well 125 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 89-81-2720

OWNER Stone, G. W. (last name)

STREET OR RFD 836 Ritchie Highway (first name) TOWN Severna Park, MD. 21146

SUBDIVISION _____ SECTION Rt. 3 Bus. Center LOT _____

WELL LOG
(Not required for driven wells)

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET FROM	FEET TO	Check if water bearing
Brown clay	0	2	
White sand	2	6	
White clay	6	23	
Brown, white sand	23	48	
White clay	48	50	
Brown, white sand & gravel	50	65	
Red, white sand	65	93	
Brown, white sand	93	100	
White clay	100	104	
Brown, white sand	104	125	X

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) (Y) N

TYPE OF GROUTING MATERIAL

CEMENT (C M) BENTONITE CLAY (B C)

NO OF BAGS 18 NO OF POUNDS 1800

GALLONS OF WATER 176

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft (TOP) to 110 ft (BOTTOM)

(enter 0 if from surface)

CASING RECORD
Casing types (insert appropriate code below)

(S T) STEEL (C O) CONCRETE (P L) PLASTIC (O T) OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
PL	4	118

OTHER CASING (if used)

EACH CASING

diameter inch	depth (feet) from	to

SCREEN RECORD
Screen type or open hole (insert appropriate code below)

(S T) STEEL (B R) BRASS BRONZE (H O) OPEN HOLE (P L) PLASTIC (O T) OTHER

C 2

EACH SCREEN

	TYPE	DEPTH (nearest ft.)	
1	PL	118	125
2			
3			

SLOT SIZE 1 030 2 ____ 3 ____

DIAMETER OF SCREEN 4 (NEAREST INCH)

GRAVEL PACK from 113 to 125

IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 69

PUMPING TEST
C 3

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal per min to nearest gal) 30

METHOD USED TO MEASURE PUMPING RATE AIR

WATER LEVEL (distance from land surface)

BEFORE PUMPING 62

WHEN PUMPING 80

TYPE OF PUMP USED (for test)

(A) air (P) piston (T) turbine (C) centrifugal (R) rotary (O) other (describe below) (J) jet (S) submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) (YES) NO

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: S

CAPACITY GALLONS PER MINUTE (to nearest gallon) 13

PUMP HORSE POWER 7.5

PUMP COLUMN LENGTH (nearest ft.) 110

CASING HEIGHT (circle appropriate box and enter casing height) (+) above (−) below LAND SURFACE 1 (nearest foot)

LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

CIRCLE APPROPRIATE LETTER

(A) A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

E ELECTRIC LOG OBTAINED

P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE-CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE

DRILLERS IDENT. NO. 388

DRILLERS SIGNATURE (MUST MATCH SIGNATURE OF APPLICATION)

Denton T. Wolford

SITE SUPERVISOR (sign, if driller or journeyman responsible for sitework if different from permittee)

DEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.) WQ

TELESCOPE CASING LOG BIOCATCH OTHER DATA

8424 Veterans Hwy

C | 1 | 6316

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401
WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER

DATE RECEIVED (WRA USE ONLY): DEC 20 1978

DATE WELL COMPLETED: 10-19-78 — 101978

DEPTH OF WELL (TO NEAREST FOOT): 113

PERMIT NO. FROM PERMIT: AA-70-9747

DRILLERS IDENTIFICATION NO.: 234

OWNER: Gas Oil Products (Cumberland) — LAST NAME / FIRST NAME

STREET OR RFD: 1404 Crain Highway — POST OFFICE: Glen Burnie, Md.

WELL DESCRIPTION

WELL LOG

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET FROM	FEET TO	CHECK IF WATER BEARING
Sand	0	12	
Clay	12	17	
Sand	17	38	
Clay	38	75	
Sand	75	80	
Clay	80	95	
Water bearing sand	95	113	✓

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX): YES (Y) circled / NO (N)

TYPE OF GROUTING MATERIAL (CIRCLE BOX): CEMENT CM / BENTONITE CLAY BC (circled)

NO. OF BAGS: 1 — NO. OF POUNDS: 100

GALLONS OF WATER: 50

DEPTH OF GROUT SEAL (TO NEAREST FOOT): FROM 0 FT. TO 60 FT. (ENTER 0 IF FROM SURFACE)

CASING RECORD

CASING TYPES — INSERT APPROPRIATE CODE BELOW: ST STEEL / CO CONCRETE / PL PLASTIC (circled) / OT OTHER

MAIN CASING TYPE	NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH)	TOTAL DEPTH OF MAIN CASING (NEAREST FOOT)
PL	4"	106

OTHER CASING (IF USED): DIAMETER (INCH) / DEPTH (FEET) FROM / TO

SCREEN RECORD

SCREEN TYPE OR OPEN HOLE — INSERT APPROPRIATE CODE BELOW: ST STEEL / BR BRASS OR BRONZE / HO OPEN HOLE / PL PLASTIC (circled) / OT OTHER

C 2

EACH SCREEN	TYPE	DEPTH FROM (NEAREST WHOLE FOOT)	DEPTH TO
1	PL	106	113
2			
3			

SLOT SIZE: 1. .025 2. 3.

DIAMETER OF SCREEN: 3 (NEAREST INCH)

GRAVEL PACK: FROM 103 TO 113

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX: F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)

C 3

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR): 2

PUMPING RATE (GALLONS PER MIN. TO NEAREST GALLON): 30

METHOD USED TO MEASURE PUMPING RATE: Bucket & watch

WATER LEVEL (DISTANCE FROM LAND SURFACE): BEFORE PUMPING 49 (NEAREST FOOT); WHEN PUMPING 113 (NEAREST FOOT)

TYPE OF PUMP USED (FOR PUMPING TEST) (CIRCLE APPROPRIATE BOX): A AIR (circled) / P PISTON / T TURBINE / C CENTRIFUGAL / R ROTARY / O OTHER (DESCRIBE BELOW) / J JET / S SUBMERSIBLE

PUMP INSTALLED

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX, SEE ABOVE A, C, J, P, R, S, T, O): S

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX): YES (Y) circled / NO (N)

CAPACITY (GALLONS PER MINUTE (TO NEAREST GALLON)): 30

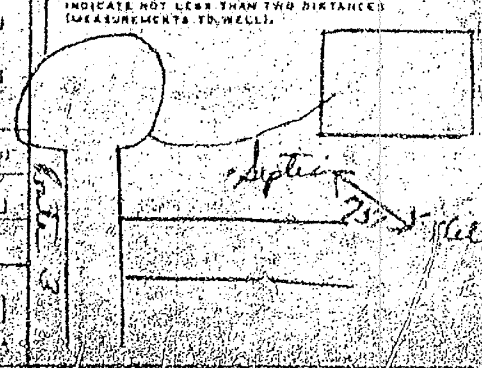
PUMP HORSE POWER: 1

PUMP COLUMN LENGTH (NEAREST FOOT): 100

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT): + ABOVE (circled) / − BELOW LAND SURFACE: 1 (NEAREST FOOT)

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).



CIRCLE APPROPRIATE BOXES

A — A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

E — ELECTRIC LOG OBTAINED

P — TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED PERMIT TO DRILL WELL AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME: John B. Houston

SIGNATURE: John B. Houston

205 No 50lks

C1 6108 SEQUENCE NO. (OEP USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED

COUNTY NUMBER 03

DATE Received NOV 24 1986

DATE WELL COMPLETED 10/06/86

Depth of Well 107 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" AA-81-71 73

OWNER Nova Enterprises Inc. (last name)

STREET OR RFD 406 Yantz Dr. (first name) TOWN Severna Park, MAryland 21146

SUBDIVISION Severn Industrial Park SECTION 212 Najoles DR. LOT

WELL LOG
Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET FROM	FEET TO	Check if water bearing
Heavy Sand and Gravel	0	30	
White Clay	30	36	
White Sand	36	45	
White Clay	45	75	
White Sand	75	107	X

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) YES [Y] NO [N]

TYPE OF GROUTING MATERIAL

CEMENT [CM] BENTONITE CLAY [BC]

NO. OF BAGS 3 NO. OF POUNDS 150

GALLONS OF WATER 75

DEPTH OF GROUT SEAL (to nearest foot)

from 3 ft. (TOP) to 36 ft. (BOTTOM) (enter 0 if from surface)

CASING RECORD
casing types — insert appropriate code below

[ST] STEEL [CO] CONCRETE [PL] PLASTIC [OT] OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
PL	4	100

OTHER CASING (if used)

EACH CASING	diameter inch	depth (feet) from	to

SCREEN RECORD
screen type or open hole — insert appropriate code below

[ST] STEEL [BR] BRASS BRONZE [HO] OPEN HOLE [PL] PLASTIC [OT] OTHER

C2

EACH SCREEN	DEPTH (nearest ft.)	
1	PL	100 to 107
2		
3		

SLOT SIZE 1 .020 2 3

DIAMETER OF SCREEN 2 (NEAREST INCH)

GRAVEL PACK from 95 to 107

IF WELL DRILLED WAS FLOWING WELL INSERT IN BOX 68

C3

PUMPING TEST
HOURS PUMPED (nearest hour) 2

PUMPING RATE (gal. per min. to nearest gal.) 25

METHOD USED TO MEASURE PUMPING RATE AIR

WATER LEVEL (distance from land surface)

BEFORE PUMPING 56

WHEN PUMPING 75

TYPE OF PUMP USED (for test)

[A] air [P] piston [T] turbine [C] centrifugal [R] rotary [O] other (describe below) [J] jet [S] submersible

PUMP INSTALLED
DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) YES

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX SEE ABOVE: S

CAPACITY: GALLONS PER MINUTE (to nearest gallon) 10

PUMP HORSE POWER .75

PUMP COLUMN LENGTH (nearest ft.) 95

CASING HEIGHT (circle appropriate box and enter casing height) [+] above LAND SURFACE [-] below 1 (nearest foot)

CIRCLE APPROPRIATE LETTER
A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

E ELECTRIC LOG OBTAINED

P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.10 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

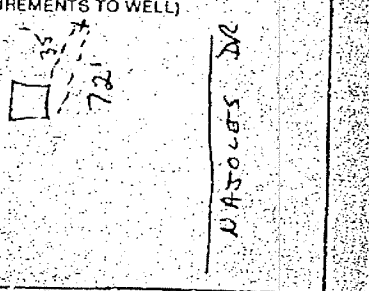
DRILLERS IDENT NO. 288

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

DENTON J. WOLFORD

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.) WQ

TELESCOPE CASING LOG INDICATOR OTHER DATA

ORIGINAL

212 Najoles Rd

400 Serendipity Drive

WELL COMPLETION UPDATE Filename: SE.WELLS Mode: UPDATE
Record type: 01 Last record type: 01 Auto-dup: OFF
WELL TAG # 945298
WELL DEPTH 00223 COMPLETION DATE 20000519 DATE RECEIVED 20000612
DESCRIPTION 1 TOP SOIL FROM 1 0000 TO 1 0002
DESCRIPTION 2 BROWN CLAY FROM 2 0002 TO 2 0004
DESCRIPTION 3 BROWN SAND FROM 3 0004 TO 3 0012
DESCRIPTION 4 GREY CLAY FROM 4 0012 TO 4 0026
DESCRIPTION 5 BROWN SAND & WT CLAY FROM 5 0026 TO 5 0052
DESCRIPTION 6 WT CLAY FROM 6 0052 TO 6 0070
DESCRIPTION 7 BROWN SAND FROM 7 0070 TO 7 0086
DESCRIPTION 8 WY CLAY & SAND FROM 8 0086 TO 8 0110
DESCRIPTION 9 RED & WT CLAY FROM 9 0110 TO 9 0200
DESCRIPTION 10 BROWN & WT SAND FROM 10 0200 TO 10 0223
DESCRIPTION 11 FROM 11 TO 11
DESCRIPTION 12 FROM 12 TO 12
DESCRIPTION 13 FROM 13 TO 13
DESCRIPTION 14 FROM 14 TO 14
GROUTING MATR. BC GROUTING BAGS 10 GROUTING POUNDS 500
GROUTING GALLONS 0250 GROUTING DEPTH 3-120 CASING TYPE 1 PL
CASING DIAMETER1 04 CASING DEPTH 1 00216 CASING TYPE 2
CASING DIAMETER2
CASING DEPTH 2

```
 UPDATE COMPLETED WELLS          Filename: SE.WELLS              Mode: UPDATE
Record type: 01          Last record type: 01                 Auto-dup: OFF
WELL TAG # 945298
WELL DEPTH 00223  COMPLETION DATE 20000519  DATE RECEIVED 20000612
DESCRIPTION 1 TOP SOIL                       FROM 1 0000  TO 1 0002
DESCRIPTION 2 BROWN CLAY                     FROM 2 0002  TO 2 0004
DESCRIPTION 3 BROWN SAND                     FROM 3 0004  TO 3 0012
DESCRIPTION 4 GREY CLAY                      FROM 4 0012  TO 4 0026
DESCRIPTION 5 BROWN SAND & WT CLAY           FROM 5 0026  TO 5 0052
DESCRIPTION 6 WT CLAY                        FROM 6 0052  TO 6 0070
DESCRIPTION 7 BROWN SAND                     FROM 7 0070  TO 7 0086
DESCRIPTION 8 WY CLAY & SAND                 FROM 8 0086  TO 8 0110
DESCRIPTION 9 RED & WT CLAY                  FROM 9 0110  TO 9 0200
GROUTING MATR. BC    GROUTING BAGS 10    GROUTING POUNDS 500
GROUTING GALLONS 0250  GROUTING DEPTH 3-120  CASING TYPE 1 PL
CASING DIAMETER1 04  CASING DEPTH 1 00216  CASING TYPE 2
CASING DIAMETER2     CASING DEPTH 2             SCREEN TYPE PL
SCREEN DEPTH 216-223     SCREEN SLOT SIZE .016 SCREEN DIAMETER 02
GRAVEL PACK 208-223                PUMPING HOURS 02  PUMPING RATE 00040
PUMPING METHOD AIR             PUMP H2O LEV B4 0067  PUMP H2O LEV AFT 00200
PUMPING TYPE A PUMP INS DRILLER Y   PUMP INS TYPE S PUMP INS GPM 00012
PUMP INS HP 1     PUMP INS COLM LG 00150  ABANDONED WELL
DELETE CODE(X)
```

C 1 5654 (SEQUENCE NO. (DEP USE ONLY)) (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED

COUNTY NUMBER: 02

PERMIT NO. FROM PERMIT TO DRILL WELL: AA-87-69

DATE Received: JAN 16 88

DATE WELL COMPLETED: 12 14 87

Depth of Well: 157 (TO NEAREST FOOT)

OWNER: Stone George (last name, first name)

STREET OR RFD: corner of Nrr 3 & Headquarters Rd TOWN: Severna Park

SUBDIVISION: Headquarters SECTION: LOT: well #2

WELL LOG
Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET FROM	FEET TO	Check if water bearing
Brown White Sand	0	10	
White Clay	10	18	
Brown White Sand	18	36	
White Clay	36	48	
Brown White Sand	48	80	
Red White Clay	80	105	
White Clay	105	120	
Brown White Sand	120	157	X

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box): (Y) N

TYPE OF GROUTING MATERIAL

CEMENT (CM) BENTONITE CLA (BC)

NO. OF BAGS 4½ NO. OF POUNDS 765

GALLONS OF WATER 113

DEPTH OF GROUT SEAL (to nearest foot)

from 2 ft. (TOP) to 30 ft. (BOTTOM) (enter 0 if from surface)

CASING RECORD
(casing types - insert appropriate code below)

(ST) STEEL (CO) CONCRETE (PL) PLASTIC (OT) OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
PL	6	144

OTHER CASING (if used)

EACH CASING	diameter inch	depth (feet) from	depth (feet) to

SCREEN RECORD
(screen type or open hole - insert appropriate code below)

(ST) STEEL (BR) BRASS BRONZE (HO) OPEN HOLE (PL) PLASTIC (OT) OTHER

EACH SCREEN	SCREEN TYPE	DEPTH (nearest ft.)	
1	PL	149	157
2			
3			
4			

SLOT SIZE .020

DIAMETER OF SCREEN 4 (NEAREST INCH)

GRAVEL PACK from 137 to 157

IF WELL DRILLED WAS FLOWING WELL INSERT "F" IN BOX 68

C 3 — PUMPING TEST
HOURS PUMPED (nearest hour) 2

PUMPING RATE (gal. per min. to nearest gal.) 60

METHOD USED TO MEASURE PUMPING RATE: AIR

WATER LEVEL (distance from land surface)

BEFORE PUMPING 72

WHEN PUMPING 95

TYPE OF PUMP USED (for test)

(A) air (P) piston (T) turbine (C) centrifugal (R) rotary (O) other (describe below) (J) jet (S) submersible

PUMP INSTALLED
DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO): (YES) NO

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX SEE ABOVE: S

CAPACITY GALLONS PER MINUTE (to nearest gallon): 45

PUMP HORSE POWER: 5

PUMP COLUMN LENGTH (nearest ft.): 126

CASING HEIGHT (circle appropriate box and enter casing height)

(+) above (-) below LAND SURFACE: 1 (nearest foot)

CIRCLE APPROPRIATE LETTER
A — A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

E — ELECTRIC LOG OBTAINED

P — TEST WELL CONVERTED TO PRODUCTION WELL

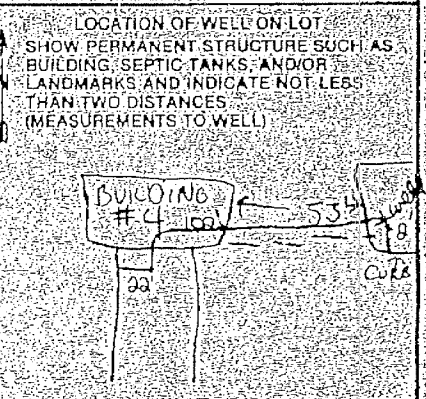
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED "PERMIT" AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 288

DRILLERS SIGNATURE (MUST MATCH SIGNATURE OF APPLICATION): Denton J. Wolford

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



DEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T (E,R,O,S) W,C

TELESCOPE CASING | LOG INDICATOR | OTHER DATA

ORIGINAL

H 9

C1 5653 SEQUENCE NO. (DEP USE ONLY)

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED

COUNTY NUMBER: 02

DATE Received: DEC 1 1986

DATE WELL COMPLETED: 7/22/86

Depth of Well: 142 (TO NEAREST FOOT)

PERMIT NO. FROM PERMIT TO DRILL WELL: [illegible]

OWNER: George STone (last name / first name)

STREET OR RFD: 838 Ritchie Hwy   TOWN: Severna Park, Marylnad 21146

SUBDIVISION: Headquaters   SECTION: Headquaters Rd.   LOT: 1

WELL LOG
Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET FROM	FEET TO	Check if water bearing
Brown White SAnd	0	10	
White Clay	10	16	
Brown White Sand	16	35	
White Clay	35	45	
White Sand	45	70	
Red White Clay	70	105	
White Clay	105	120	
Brown White Sand	120	142	X

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box): Y (circled) N

TYPE OF GROUTING MATERIAL: CEMENT CM; BENTONITE CLAY BC (circled)

NO. OF BAGS: 4   NO. OF POUNDS: 200

GALLONS OF WATER: 100

DEPTH OF GROUT SEAL (to nearest foot): from 3 ft. to 53 ft. (enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below: ST STEEL; CO CONCRETE; PL PLASTIC (circled); OT OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
PL	4	135

OTHER CASING (if used): diameter inch; depth (feet) from / to

SCREEN RECORD
screen type or open hole insert appropriate code below: ST STEEL; BR BRASS BRONZE; HO OPEN HOLE; PL PLASTIC (circled); OT OTHER

C2

EACH SCREEN		DEPTH (nearest ft.) from	to
1	PL	135	142
2			
3			

SLOT SIZE: 1. .020 2. 3.

DIAMETER OF SCREEN: 2 (NEAREST INCH)

GRAVEL PACK: from 130 to 142

IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

C3 PUMPING TEST
HOURS PUMPED (nearest hour): 2

PUMPING RATE (gal. per min. to nearest gal.): 40

METHOD USED TO MEASURE PUMPING RATE: AIR

WATER LEVEL (distance from land surface)
BEFORE PUMPING: 22
WHEN PUMPING: 70

TYPE OF PUMP USED (for test): A air (circled); P piston; T turbine; C centrifugal; R rotary; O other (describe below); J jet; S submersible

PUMP INSTALLED
DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO): YES (circled)

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX SEE ABOVE: S

CAPACITY GALLONS PER MINUTE (to nearest gallon): 25

PUMP HORSE POWER: 1

PUMP COLUMN LENGTH (nearest ft.): 100

CASING HEIGHT (circle appropriate box and enter casing height): + above (circled) / − below LAND SURFACE: 1 (nearest foot)

LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

K-55
107

CIRCLE APPROPRIATE LETTER
A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
E ELECTRIC LOG OBTAINED
P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 289

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION): [signature]

DENTON J. WOLFORD
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

DEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T TELESCOPE CASING; (E.R.O.S.) LOG INDICATOR; W.O. OTHER DATA

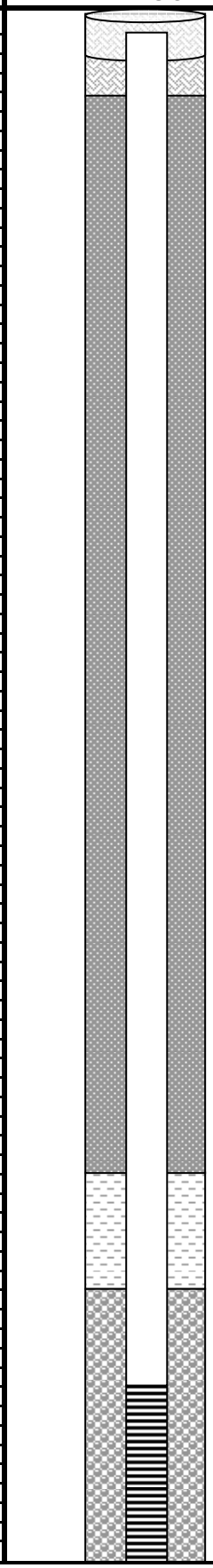
ORIGINAL

H Q

APPENDIX C

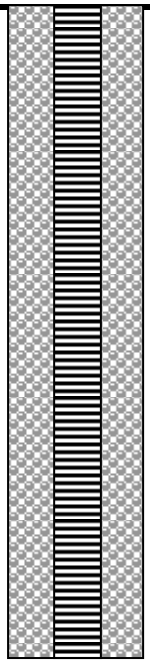
BORING LOGS

WELL # 5		**WELL TYPE**	4" Monitoring Well		**PERMIT #**		
DATE DRILLED	10/7/2008	**COUNTY**	Anne Arundel		**WELL DRILLER** BL Myers		
OWNER	Eastern Petroleum	**LOCATION**			8400 Veterans Highway, Millersville, Maryland		
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	H.S.A	**SAMPLE METHOD**	Split Spoon
HOLE DIAMETER	10.25"	**HOLE DEPTH**	55'	**WELL DEPTH**	55'		
CASING TYPE	PVC	**DIAMETER**	4"	**LENGTH**	35'	**STICKUP**	-0.5
SCREEN TYPE	PVC	**SLOT**	0.020"	**LENGTH**	20'	**MANHOLE**	10"-Dia
GRAVEL SIZE	#2 MORIE'	**CASING SEAL**	Concrete 0'-2', Portland / Bentonite (95/5) 2'-30', Bentonite 30'-3				

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
0		NA	0 - 2	Black Asphalt, Crushed Stone cmf SAND, Loose, Damp
1				
2		4,8,8,16	2 - 4.2	Orange/Brown, CLAY, SILT and f SAND , trace organics, stiff damp
3				
4		12,13,16,20	4.2 - 6.2	Lt. Gray & Orange Brown CLAY, little Silt, very stiff, damp
5				
6		12,20,15,21	6.2 - 9.5	Lt. Gray CLAY, little Silt, very stiff, dry (hard augering)
7				
8		13,9,13,18		Lt Gray f SAND, trace Silt, loose,dry
9			9.5-10	Lt Gray /Orange brown CLAY,little Silt, dry, stiff
10		13,16,20,24	10-10.5	
11			10.5 - 10.75	Lt Brown & Orange f SAND, little Silt, loose, damp
12		9,10,13,16	10.75 - 12.5	Lt gray f SAND and SILT, loose,dry
13			12.5 - 17	Lt Gray CLAY, little Silt, very stiff, dmp,dry
14		10,10,16,20		
15				
16		10,25,50/3"		Orange/Brown f SAND, little Silt, loose, moist
17			17 - 17.25	
18		10,14,50/3"	17.25 - 18.5	Lt Gray CLAY, little Silt, very stiff, damp
19			18.5 - 20	Lt Gray f SAND, Little Silt, loose, dry
20		7,16,28,36	20 - 20.5	
21			22.5 - 22.75	Lt gray / Orangebrown CLAY, little Silt,very stiff, dry
22		8,13,12,50/4"		Lt Gray, f SAND, little Silt, loose, damp to dry
23			22.75 - 25	Lt Gray CLAY, little Silt, very stiff, damp
24		15,50,50/5"		
25			25 - 26	Lt Brown & Orange brown f SAND, little Silt, loose, damp
26		6,50/5"	26 - 27	Lt Gray CLAY,little Silt, very stiff. damp-dry
27			27 - 28	Lt Brown f SAND, trace silt, loose, dry-damp
28		11,50/5"	28 - 29	Lt gray / Orange CLAY, little Silt, very stiff, dry
29			29 - 30	Lt Brown / Redbrown f SAND, trace silt, loose, damp-dry
30		13,20,13,40	30 - 31	Lt Gray SILT with f SAND, trace clay, stiff, damp-dry
31			31 - 32	Orangebrown f SAND, trace silt, loose damp
32		15,50/4"	32 - 33	Orange Brown / lt Gray CLAY, little Silt, very stiff, dry-damp
33			33 - 35	Orange Brown f SAND, trace silt, loose moist
34		50/5"		
35			35 - 36	Lt Gray CLAY & SILT, some mf Sand, stiff moist
36		50/5"	36 - 37	Reddish brown/ lt gray CLAY, little Silt, very stiff, damp
37			37 - 38	Yellowbrown f SAND, loose, damp-dry
38		50/5"	38 - 39	Reddsish brown CLAY,little Silt, very stiff damp-dry
39				

GEOLOGIC AND WELL CONSTRUCTION LOG

WELL # 5		**WELL TYPE**	4" Monitoring Well	**PERMIT #**			
DATE DRILLED		**COUNTY**	Anne Arundel	**WELL DRILLER**	BL Myers		
OWNER	Eastern Petroleum	**LOCATION**		8400 Veterans Highway, Millersville, Maryland			
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	H.S.A	**SAMPLE METHOD**	Split Spoon
HOLE DIAMETER	10.25"	**HOLE DEPTH**	55'	**WELL DEPTH**	55'		
CASING TYPE	PVC	**DIAMETER**	4"	**LENGTH**	35'	**STICKUP**	-0.5
SCREEN TYPE	PVC	**SLOT**	0.020"	**LENGTH**	20'	**MANHOLE**	10"-Dia
GRAVEL SIZE	#2 MORIE	**CASING SEAL**	Concrete 0'-2', Portland / Bentonite (95/5) 2'-30', Bentonite 30'-3				

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
40		50/5"	40 - 41	Reddishbrown CLAY, little Silt, damp, very stiff
41				
42		50/5"	41 - 45	Lt Gray, f SAND, trace silt, loose damp-dry
43				
44		60/6"		
45				Lt Brown/Gray f SAND, loose, moist/wet
46		50/5"	45 - 49	
47				
48		50/5"		
49			49 - 49.2	Lt Gray CLAY, little Silt, very stiff, moist
50			49.2 - 50.2	
51		13,18,25,23	50.2 - 50.3	Lt Brown f SAND, little Silt, stiff, wet
52			50.3 - 52	Lt Gray,CLAY lenes, soft moist
53		60/6"		
54			52 - 55	Lt Gray, f SAND, firm, wet
55		4,8,8,16		Lt Gray f SAND with SILT, trace clay, wet, loose
56				
57				
58				
59				
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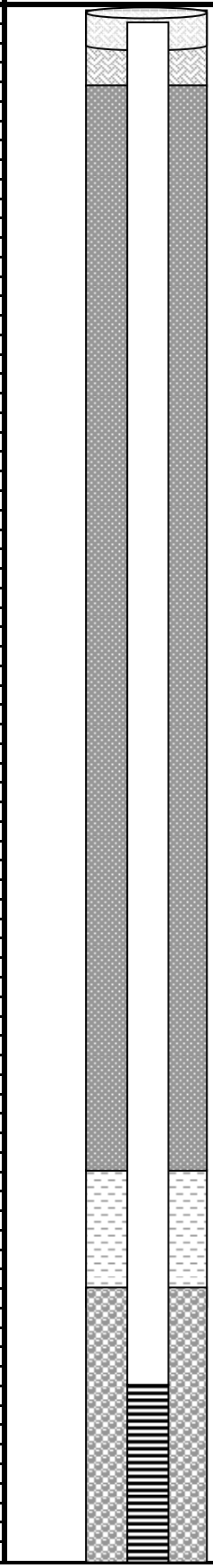
77				

WELL # 6		**WELL TYPE**	4" Monitoring Well		**PERMIT #**		
DATE DRILLED	10/8/2008	**COUNTY**	Anne Arundel		**WELL DRILLER** BL Myers		
OWNER	Eastern Petroleum	**LOCATION**			8400 Veterans Highway, Millersville, Maryland		
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	H.S.A	**SAMPLE METHOD**	Split Spoon
HOLE DIAMETER	10.25"	**HOLE DEPTH**	55'	**WELL DEPTH**	55'		
CASING TYPE	PVC	**DIAMETER**	4"	**LENGTH**	35'	**STICKUP**	-0.5
SCREEN TYPE	PVC	**SLOT**	0.020"	**LENGTH**	20'	**MANHOLE**	10"-Dia
GRAVEL SIZE	#2 MORIE'	**CASING SEAL**	Concrete 0'-2', Portland / Bentonite (95/5) 2'-30', Bentonite 30'-3				

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
0			0 - 1	Black Asphalt, Crushed Stone cmf SAND, little Silt
1			1 - 3	Brown SILT, cmf SAND, little Silt.
2				
3		5,3,5,10	3 - 8	Orange/Brown, CLAY, SILT and f SAND , trace organics, stif damp
4				
5		5,5,6,9		
6				
7		10,12,15,15		
8			8 - 8.75	Lt Gray / Brown CLAY, little Silt, stiff, moist
9		10,8,7,11	8.75 - 10	Lt Gray SAND & SILT, loose, moist
10			10-12.75	Lt Gray CLAY, trace silt,very stiff, damp
11		5,9,8,25		
12				Lt Gray CLAY, some Silt, firm, damp
13		10,12,50/4"	12.75 - 14	Lt Gray / orange SILT, little Clay, firm
14			14 - 14.2	
15			14.2 - 15	Lt Grayf SAND, little Silt, firm, damp
16		8,7,50/4"	15 - 16	Lt Gray CLAY, little Silt, stiff, damp
17			16 - 17	Lt Gray f SAND, loose, dry, damp
18		9,15,50/3"	17 - 17.5	
19			17.5 - 18.5	Lt Gray CLAY, trace silt, very stiff, damp-dry
20		10,10,30/4"	18.5 - 19.5	Lt Brown f SAND, little Silt, loose damp-dry
21			19.5 19.7	Lt Gray CLAY, little silt, stiff, damp
22			19.7 -21	Lt Brown / Gray f SAND, trace Silt, loose, damp-dry
23		9,9,18,50/4"	21 - 24	Lt Gray CLAY, trace Silt, very stiff, damp, dry
24				Interbedded Lt Gray CLAY, and f SAND trace Silt, dry
25		25,50/4"	24 -25.1	Reddish Brown f SAND trace Silt, loose, damp
26		15,55/5"	25.1 - 26.8	Lt Gray CLAY, little Silt, very stiff, damp with interbedded SAND layer, moist
27			26.8 - 27.2	Lt Brown f SAND little Silt, firm, moist
28		15,26,50/3"	27.2 - 28	Lt Gray CLAY, little Silt, very stiff, damp-dry
29			28 - 28.25	Lt Gray SAND, little silt, firm, moist-wet
30		17,30/2"	28.25 -29.5	Lt Gray CLAY, trace Silt, firm damp
31			29.5 -31	Orange / Brown m SAND, trace f Sand, loose damp
32		8,8,50/4"	31 - 32	Lt Gray CLAY, some Silt, Damp-dry
33		8,50/3"	32 - 41	Orange / Brown & Lt Gray SAND, little Silt, soft, damp
34				
35		50/3"		
36				
37		50/4"		
38				
39				

GEOLOGIC AND WELL CONSTRUCTION LOG

WELL # 6		**WELL TYPE**	4" Monitoring Well		**PERMIT #**		
DATE DRILLED	10/8/2008	**COUNTY**	Anne Arundel		**WELL DRILLER**	BL Myers	
OWNER	Eastern Petroleum	**LOCATION**			8400 Veterans Highway, Millersville, Maryland		
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	H.S.A	**SAMPLE METHOD**	Split Spoon
HOLE DIAMETER	10.25"	**HOLE DEPTH**	55'	**WELL DEPTH**	55'		
CASING TYPE	PVC	**DIAMETER**	4"	**LENGTH**	35'	**STICKUP**	-0.5
SCREEN TYPE	PVC	**SLOT**	0.020"	**LENGTH**	20'	**MANHOLE**	10"-Dia
GRAVEL SIZE	#2 MORIE'	**CASING SEAL**	Concrete 0'-2', Portland / Bentonite (95/5) 2'-30', Bentonite 30'-3				

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
40		16,50/5"	32 - 41	(See above)
41			41 - 41.2	Lt Gray CLAY, little Silt, very stiff, damp
42		16,50/5"	41.2 - 42.5	Lt Gray f SAND, loose, damp-dry
43			42.5 - 45	
44		10,50/4"		Lt Gray CLAY, little Silt, Very stiff, damp
45			45 - 47	Lt Brown f SAND, trace silt, loose, moist-wet
46		50,50/6"		
47			47 - 47.2	Lt Gray CLAY, some Silt, moist, sof
48		15,50/5"	47.2 - 55	Lt Gray f SAND, loose, wet
49				
50		15,50/4"		
51				
52		15,50/3"		
53				
54				
55				
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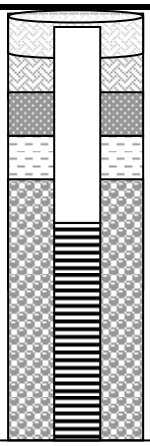
GEOLOGIC AND WELL CONSTRUCTION LOG

WELL # 7		**WELL TYPE**	4" Monitoring Well		**PERMIT #**		
DATE DRILLED	10/10/2008	**COUNTY**	Anne Arundel		**WELL DRILLER**	BL Myers	
OWNER	Eastern Petroleum	**LOCATION**			8400 Veterans Highway, Millersville, Maryland		
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	H.S.A	**SAMPLE METHOD**	Split Spoon
HOLE DIAMETER	10.25"	**HOLE DEPTH**	10'	**WELL DEPTH**	10'		
CASING TYPE	PVC	**DIAMETER**	4"	**LENGTH**	5	**STICKUP**	-0.5
SCREEN TYPE	PVC	**SLOT**	0.020"	**LENGTH**	5	**MANHOLE**	10"-Dia
GRAVEL SIZE	#2 MORIE'	**CASING SEAL**	Concrete 6"-1.5', Portland / Bentonite (95/5) 1.5'-2.5', Bentonite 2.5'-3.				

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
0			0 - 1.5	Black Asphalt, Crushed Stone cmf SAND, little Silt
1				
2			1.5 - 3	Orange Brown f/m SAND, loose, damp-dry (fill)
3			3 - 6.2	Lt Gray CLAY, little Silt, very stiff, damp-dry
4		5,5,6,9		
5				
6			6.2 - 6.3	Lt gray CLAY, f SAND and SILT, firm damp
7		10,12,15,15	6.3 - 8.5	Gray CLAY, f Sand and Silt, vry stiff, damp-dry
8			8.5 - 9	Lt Gray f SAND, trace silt, soft, damp
9		10,8,7,11	9 - 10	Lt Gray CLAY, little Silt, very stiff, damp-dry
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
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32				
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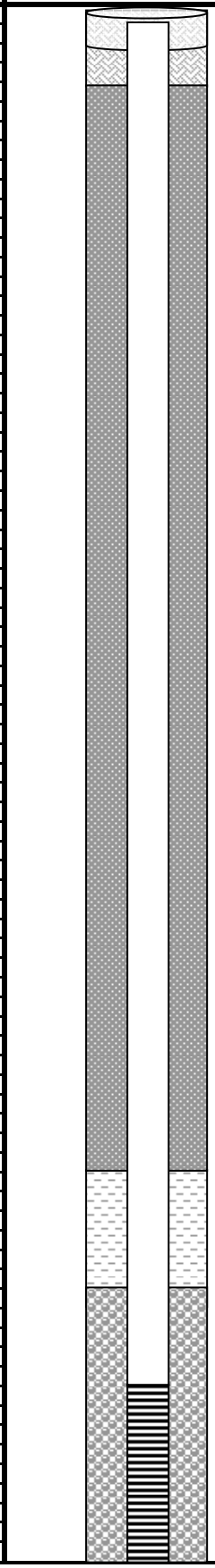
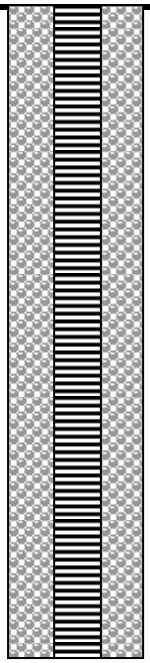
34				
35				
36				
37				

WELL # 8		**WELL TYPE**	4" Monitoring Well		**PERMIT #**		
DATE DRILLED	9/1/2009	**COUNTY**	Anne Arundel		**WELL DRILLER** BL Myers		
OWNER	Eastern Petroleum	**LOCATION**			8400 Veterans Highway, Millersville, Maryland		
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	H.S.A	**SAMPLE METHOD**	Split Spoon
HOLE DIAMETER	10.25"	**HOLE DEPTH**	55'	**WELL DEPTH**	55'		
CASING TYPE	PVC	**DIAMETER**	4"	**LENGTH**	35'	**STICKUP**	-0.5
SCREEN TYPE	PVC	**SLOT**	0.020"	**LENGTH**	20'	**MANHOLE**	10"-Dia
GRAVEL SIZE	#2 MORIE'	**CASING SEAL**	Concrete 0'-2', Portland / Bentonite (95/5) 2'-30', Bentonite 30'-3				

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
0		29,20,16,12	0 - .33	ASPHALT
			.33 - 1	TAN CLAY, SILT and F SAND, firm, dry
1			1 - 3	White CLAY, trace silt, firm dry
2		6,10,10,19		
3			3 - 5	Dk Brown F SAND, trace silt, loose, damp
4		13,5,15,24		
5				
6		11,13,18,12		
7				
8		N/A		
9				
10		14,12,28,24		
11			5 - 17.5	White CLAY, trace silt, firm dry
12		12,14,15,10		
13				
14		3,3,7,12		
15				
16		9,14,17,15		
17				
			17.5 - 17.75	White F SAND, loose, dry
18		7,18,17,21	17.75 - 18.75	White CLAY, trace silt, firm, dry
19			18.75 - 19	White FSAND, loose, dry
			19.0 - 19.5	White CLAY, some F SAND, firm, dry
20		14,16,13,14	19.5 - 20	Reddish Brown & White F SAND, loose dry
21			20 - 21	White CLAY, trace silt, stiff, damp
			21 - 21.5	Tan CLAY, sone F SAND,SILT, stiff, damp
22		5,7,9,8	21.5 - 23	White & Reddish Brown F SAND, loose, moist
23			23 - 24.5	White CLAY, trace silt, very stiff, damp
24		9,13,17,32	24.5 - 25.5	Tan F SAND & SILT, firm, damp
25			25.5 - 30	Tan F SAND, loose, moist
26		18,50/4		
27				
28		4,3,10,29		
29				
30		5,16,27,29	30 - 31	White CLAY, trace silt, stiff, damp
31			31 - 34	Reddish Brown F SAND, loose, damp
32		47,50/2		
33				
34		6,7,9,50/5	34 - 35	White CLAY, trace silt, damp/dry
35			35 - 42	Tan F SAND, loose, dry
36		29,36,50/4		
37				
38		6,24,41,36		
39				

GEOLOGIC AND WELL CONSTRUCTION LOG

WELL # 8		**WELL TYPE**	4" Monitoring Well		**PERMIT #**		
DATE DRILLED	9/1/2009	**COUNTY**	Anne Arundel		**WELL DRILLER**	BL Myers	
OWNER	Eastern Petroleum	**LOCATION**			8400 Veterans Highway, Millersville, Maryland		
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	H.S.A	**SAMPLE METHOD**	Split Spoon
HOLE DIAMETER	10.25"	**HOLE DEPTH**	55'	**WELL DEPTH**	55'		
CASING TYPE	PVC	**DIAMETER**	4"	**LENGTH**	35'	**STICKUP**	-0.5
SCREEN TYPE	PVC	**SLOT**	0.020"	**LENGTH**	20'	**MANHOLE**	10"-Dia
GRAVEL SIZE	#2 MORIE'	**CASING SEAL**	Concrete 0'-2', Portland / Bentonite (95/5) 2'-30', Bentonite 30'-3				

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
40		23,36,50/3	42 - 42.5	Same as Above
41				
42		40,47,37,38	42 - 42.25	White CLAY, little SILT, trace pebble, stiff, damp
43			42.25 - 45	Tan F SAND, loose moist
44		45,40,37,48		
45			45 - 45.5	Reddish Brown M/F SAND, trace silt, loose, moist
46			45.5 - 45.75	White CLAY, trace silt, stiff, damp
47		20,40,49,50/1	45.75 - 49	Tan F SAND, trace silt, loose, WET
48				
49		11,26,33,40	49 - 49.25	White CLAY, moist, soft
50			49.25 - 55	Tan F/M SAND, loose, trace qtz pebbles, rock frags, WET
51		13,29,33,40		
52				
53		47,50/4		
54				
55		17,24,25,19	55 - 55.5	White CLAY, trace silt, firm, moist
			55.5 - 56	Tan F/M SAND, trace pebbles, rock frags, loose, we
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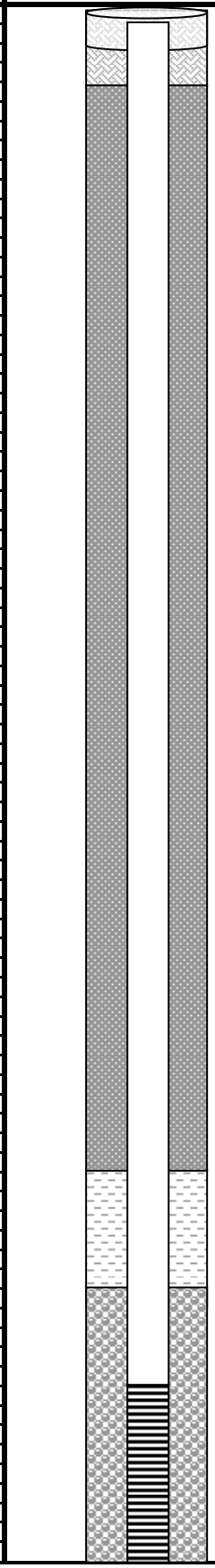
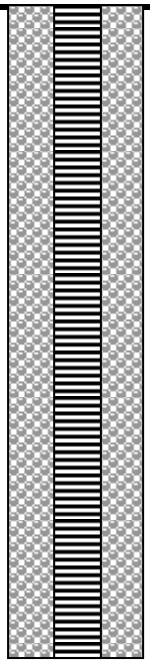
WELL # 9		**WELL TYPE**	4" Monitoring Well		**PERMIT #**		
DATE DRILLED	9/2-3/2009	**COUNTY**	Anne Arundel		**WELL DRILLER** BL Myers		
OWNER	Eastern Petroleum	**LOCATION**			8400 Veterans Highway, Millersville, Maryland		
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	H.S.A	**SAMPLE METHOD**	Split Spoon
HOLE DIAMETER	10.25"	**HOLE DEPTH**	55'	**WELL DEPTH**	55'		
CASING TYPE	PVC	**DIAMETER**	4"	**LENGTH**	35'	**STICKUP**	-0.5
SCREEN TYPE	PVC	**SLOT**	0.020"	**LENGTH**	20'	**MANHOLE**	10"-Dia
GRAVEL SIZE	#2 MORIE'	**CASING SEAL**	Concrete 0'-2', Portland / Bentonite (95/5) 2'-30', Bentonite 30'-3				

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
0		N/A	0 - .33	ASPHALT
1			.33 - 13	Brown F/M/C SAND, trace pebbles, silt, firm, damp (fill)
2		N/A		
3				
4		N/A		
5				
6		N/A		
7				
8		N/A		
9				
10		N/A		
11				
12		N/A		
13			13 - 14	White CLAY, trace silt, stiff, damp
14		3,10,17,23	14 - 15.75	Tan F SAND, firm damp
15			15.75 - 16	White CLAY, very stiff, dry
16		37,42,50/4	16 - 16.5	White F SAND , firm, damp
			16.5 - 17	White CLAY damp, soft
17			17 - 21.5	White CLAY & SAND, loose, damp
18		4,6,17,15		
19				
20		9,18,19,27,		
21				
			21.5 - 21.75	White SAND, trace, silt, loose, damp
22		7,14,16,50/2	21.75 - 23	White CLAY, trace silt, very stiff, damp
23			23 -23.5	White SAND trace silt, loose moist,
			23.5 - 23.75	Tan & Orange CLAY, trace silt, firm, mois
24		5,8,21,19	24 - 25.5	Reddish brown F SAND, loose damp
25				White CLAY, trace silt, very stiff, damp
26		4,12,21,23	25.5 - 27.5	Reddish brown M/F SAND, loose damp
27				
28			27.5 - 28.5	White CLAY, very stiff, damp
29		11,18,18,21	28.5 - 30	Reddish Brown M/F SAND, trace silt, loose damp
30		2,8,23,26	30 - 31	White CLAY, little SILT, firm, damp
31			31 - 34	Reddish Brown, M/F SAND, trace silt, loose, damp
32		49,50/1		
33				
34		4,6,9,12	34 - 35.5	White CLAY, trace silt, firm, damp
35			35.5 -40	White F SAND , trace silt, loose damp
36		5,3,9,13		
37				
38		8,12,34,31		
39				

GEOLOGIC AND WELL CONSTRUCTION LOG

WELL # 9		**WELL TYPE**	4" Monitoring Well		**PERMIT #**		
DATE DRILLED	9/2-3/2009	**COUNTY**	Anne Arundel		**WELL DRILLER**	BL Myers	
OWNER	Eastern Petroleum	**LOCATION**			8400 Veterans Highway, Millersville, Maryland		
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	H.S.A	**SAMPLE METHOD**	Split Spoon
HOLE DIAMETER	10.25"	**HOLE DEPTH**	55'	**WELL DEPTH**	55'		
CASING TYPE	PVC	**DIAMETER**	4"	**LENGTH**	35'	**STICKUP**	-0.5
SCREEN TYPE	PVC	**SLOT**	0.020"	**LENGTH**	20'	**MANHOLE**	10"-Dia
GRAVEL SIZE	#2 MORIE'	**CASING SEAL**	Concrete 0'-2', Portland / Bentonite (95/5) 2'-30', Bentonite 30'-3				

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
40		8,15,17,26	40 - 41	White CLAY, firm, damp
41				
42		27,29,39,42	41 - 44.25	White F SAND, little SILT, loose, WET
43				
44		7,14,21,19	44.25 - 45	White CLAY, trace silt, soft, moist
45				
46		5,8,12,9	45 - 48.75	White FSAND, trace SILT, loose, WET
47				
48		10,12,24,25,	48.75 - 49	White CLAY, soft, moist
49				
50		15,12,14,13	49 - 56	White & Orange F SAND trace silt, loose, WET
51				
52		4,12,23,45		
53				
54		45,32,26,28		
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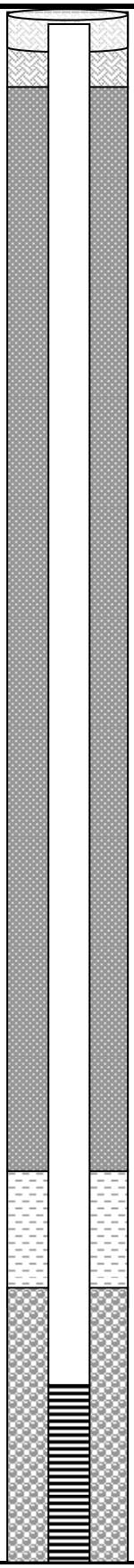
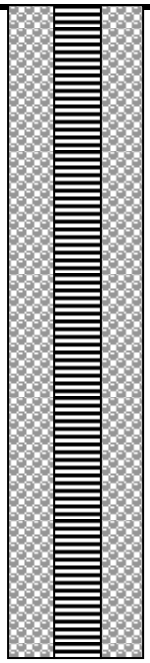
WELL # 10		**WELL TYPE**	4" Monitoring Well		**PERMIT #**		
DATE DRILLED	9/7/2009	**COUNTY**	Anne Arundel		**WELL DRILLER** BL Myers		
OWNER	Eastern Petroleum	**LOCATION**			8400 Veterans Highway, Millersville, Maryland		
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	H.S.A	**SAMPLE METHOD**	Split Spoon
HOLE DIAMETER	10.25"	**HOLE DEPTH**	55'	**WELL DEPTH**	55'		
CASING TYPE	PVC	**DIAMETER**	4"	**LENGTH**	35'	**STICKUP**	-0.5
SCREEN TYPE	PVC	**SLOT**	0.020"	**LENGTH**	20'	**MANHOLE**	10"-Dia
GRAVEL SIZE	#2 MORIE'	**CASING SEAL**	Concrete 0'-2', Portland / Bentonite (95/5) 2'-30', Bentonite 30'-3				

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
0				ASPHALT
1		16,12,11,9	.33 - 2	Brown F SAND, little SILT, moist, firm
2		11,8,10,5	2 - 4.5	Reddish brown F SAND and CLAY, little SILT, moist, firm
3				
4		5,7,9,16	4.5 - 10.25	White F SAND, trace SILT, loose, damp
5				
6		8,17,15,21		
7				
8		13,21,18,17		
9				
10		5,8,6,5	10.25 - 11.75	White CLAY, trace silt, stiff, damp
11			11.75 - 12.5	White F SAND, trace silt, loose, damp
12		5,15,14,15	12.5 -14	White CLAY, trace silt, very stiff, dry
13				
14		4,9,19,25	14 - 17.5	White CLAY, trace silt, 1" bands of white SAND at 14.25 and 15 ft, firm damnp
15				
16		14,16,13,13		
17			17.5 - 20	White F SAND, trace SILT, loose, damp
18		7,17,50/4		
19				
20		3,9,36,35	20 - 21	White CLAY, little SILT and F SAND, firm, damp
21			21 - 24	White F SAND, little SILT, loose, damp
22		5,16,14,12		
23				
24		7,12,22,45	24 - 25	White CLAY, little F SAND and SILT, soft, damp
25			25 - 34	Orange F SAND, loose, damp
26		50/5		
27				
28		25,23,15,50/5		
29				
30		39,31,27,26		
31				
32		50/4		
33				
34		35,31,29,34	34 - 36.5	
35				
36		39,50/2	36.5 37	White F/M/C SAND, trace qtz pebbles, firm, mois
37			37 - 38	White CLAY, very stiff, dry
38		6,8,20,15	38 - 39	White CLAY, firm, damp, 1" sand lense 38.25
39			39 - 41	White F SAND and CLAY, soft, WET

GEOLOGIC AND WELL CONSTRUCTION LOG

WELL # 10		**WELL TYPE**	4" Monitoring Well		**PERMIT #**		
DATE DRILLED	9/7/2009	**COUNTY**	Anne Arundel		**WELL DRILLER**	BL Myers	
OWNER	Eastern Petroleum	**LOCATION**			8400 Veterans Highway, Millersville, Maryland		
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	H.S.A	**SAMPLE METHOD**	Split Spoon
HOLE DIAMETER	10.25"	**HOLE DEPTH**	55'	**WELL DEPTH**	55'		
CASING TYPE	PVC	**DIAMETER**	4"	**LENGTH**	35'	**STICKUP**	-0.5
SCREEN TYPE	PVC	**SLOT**	0.020"	**LENGTH**	20'	**MANHOLE**	10"-Dia
GRAVEL SIZE	#2 MORIE'	**CASING SEAL**	Concrete 0'-2', Portland / Bentonite (95/5) 2'-30', Bentonite 30'-3				

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
40		7,23,25,19		Same as above
41			41 - 43	White CLAY, very stiff, damp
42		21,15,19,16		
43			43 - 45	Tan F SAND, little CLAY, loose, WET
44		13,11,8,11		
45			45 - 47	White F SAND, little CLAY, soft, WET
46		29,50/5		
47			47 - 47.5	White CLAY trace f sand & silt, mois
48			47.5 - 48	Tan F SAND, trace silt, loose mois
49		13,11,8,11	48 - 49	White CLAY, firm, damp
50			49 - 51	Tan M SAND, little F SAND, loose, WET
51		35,50/3		
52			51 - 53	Orange F SAND, loose WET
53		10,11,9,12	53 - 53.5	White CLAY, soft, moist
54			53.5 55.75	Orange F SAND, little CLAY, soft, WET
55		15,17,21,19		
56			55.75 - 56	White CLAY, very stiff, damp
57				
58				
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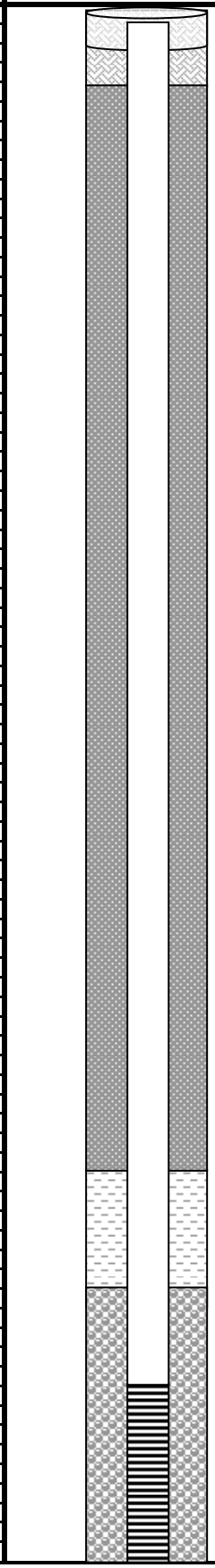
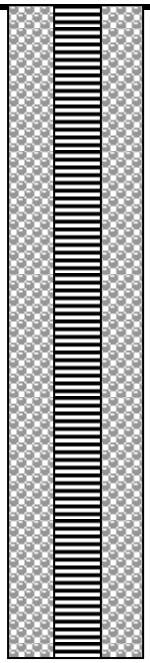
WELL # 11		**WELL TYPE**	4" Monitoring Well		**PERMIT #**		
DATE DRILLED	9/14-15/200	**COUNTY**	Anne Arundel		**WELL DRILLER** BL Myers		
OWNER	Eastern Petroleum	**LOCATION**			8400 Veterans Highway, Millersville, Maryland		
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	H.S.A	**SAMPLE METHOD**	Split Spoon
HOLE DIAMETER	10.25"	**HOLE DEPTH**	55'	**WELL DEPTH**	55'		
CASING TYPE	PVC	**DIAMETER**	4"	**LENGTH**	35'	**STICKUP**	-0.5
SCREEN TYPE	PVC	**SLOT**	0.020"	**LENGTH**	20'	**MANHOLE**	10"-Dia
GRAVEL SIZE	#2 MORIE'	**CASING SEAL**	Concrete 0'-2', Portland / Bentonite (95/5) 2'-31', Bentonite 31'-3				

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
0		N/A		
1				
2		N/A		
3				
4		N/A		
5				
6		N/A	N/A	Chase Pipe Open to 14 ft BGS
7				
8		N/A		
9				
10		N/A		
11				
12		N/A		
13				
14		1,1,2,2	14 - 19	White CLAY, trace f sand, moist, soft
15				
16		1,2,1,2		
17				
18		2,2,1,3		
19			19 - 21.5	Brown CLAY and F SAND, moist, soft
20		3,4,4,11		
21				
22		26,50/4	21.5 - 24	Tan F SAND, trace silt, loose, damp
23				
24		12,42	24 - 24.5	White CLAY, trace silt, stiff, damp
25			24.5 - 30	Tan F SAND, trace silt, loose, damp
26		11,17,22,23		
27				
28		27,50/1		
29				
30		27,40,34,35	30 - 30.5	White CLAY, little SILT, dry
31			30.5 - 39.5	Orange F SAND, trace silt, loose, damp
32		28,30,29,35		
33				
34		6,18,17,11		
35				
36		12,17,15,19		
37				
38		32,42,50/2		
39			39.5 - 40	White CLAY, little silt, stiff, damp

GEOLOGIC AND WELL CONSTRUCTION LOG

WELL # 11		**WELL TYPE**	4" Monitoring Well		**PERMIT #**		
DATE DRILLED	9/14-15/200	**COUNTY**	Anne Arundel		**WELL DRILLER**	BL Myers	
OWNER	Eastern Petroleum	**LOCATION**			8400 Veterans Highway, Millersville, Maryland		
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	H.S.A	**SAMPLE METHOD**	Split Spoon
HOLE DIAMETER	10.25"	**HOLE DEPTH**	55'	**WELL DEPTH**	55'		
CASING TYPE	PVC	**DIAMETER**	4"	**LENGTH**	35'	**STICKUP**	-0.5
SCREEN TYPE	PVC	**SLOT**	0.020"	**LENGTH**	20'	**MANHOLE**	10"-Dia
GRAVEL SIZE	#2 MORIE'	**CASING SEAL**	Concrete 0'-2', Portland / Bentonite (95/5) 2'-31', Bentonite 31'-3				

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
40		12,23,31,29	40 - 40.5	Orange F/M SAND, some Qtz PEBBLES, ROCK FRAGS,
41			40.5 - 44	White F SAND, trace silt, loose damp
42		37,50/2		
43				
44		12,35,49,52	44 - 47.5	Tan/White F SAND, little CLAY, loose, WET
45				
46		13,16,15,15		
47			47.5 - 49.5	White CLAY, trace F SAND and SILT, firm, moist
48		21,18,19,23		
49			49.5 - 49.75	White CLAY,soft, moist
50		11,9,21,17	49.75 - 51.5	Orange-white F SAND, trace silt, loose, WET
51				
52		15,11,12,17	51.5 - 51.75	White CLAY, little SILT, firm, damp
53			51.75 - 55	White F SAND, trace silt, soft, WET
54		15,12,10,13		
55				
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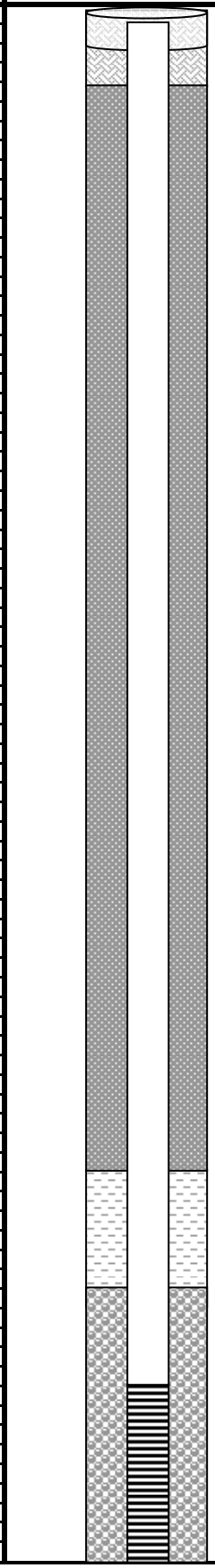
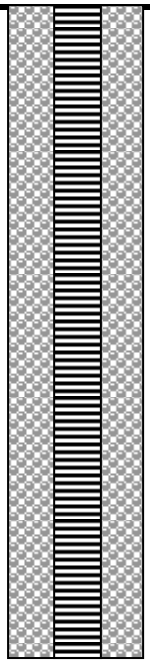
WELL # 12		**WELL TYPE**	4" Monitoring Well		**PERMIT #**		
DATE DRILLED	9/15/2009	**COUNTY**	Anne Arundel		**WELL DRILLER** BL Myers		
OWNER	Eastern Petroleum	**LOCATION**			8400 Veterans Highway, Millersville, Maryland		
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	H.S.A	**SAMPLE METHOD**	Split Spoon
HOLE DIAMETER	10.25"	**HOLE DEPTH**	55'	**WELL DEPTH**	55'		
CASING TYPE	PVC	**DIAMETER**	4"	**LENGTH**	35'	**STICKUP**	-0.5
SCREEN TYPE	PVC	**SLOT**	0.020"	**LENGTH**	20'	**MANHOLE**	10"-Dia
GRAVEL SIZE	#2 MORIE'	**CASING SEAL**	Concrete 0'-2', Portland / Bentonite (95/5) 2'-31', Bentonite 31'-3				

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
0		N/A	N/A	Chase Pipe Open to 16 ft BGS
1		N/A		
2		N/A		
3		N/A		
4		N/A		
5		N/A		
6		N/A		
7		N/A		
8		N/A		
9		N/A		
10		N/A		
11		N/A		
12		N/A		
13		N/A		
14		N/A		
15		N/A		
16		5,7,6,9	16 - 19.5	Tan F SAND, some CLAY, soft, wet
17		6,10,9,13		
18				
19				
20		2,8,6,7	19.5 - 21.5	White CLAY, trace silt, firm, damp
21			21.5 - 22	White & Orange F SAND, loose, damp
22		27,50/5	22 - 31	Orange F SAND, loose, damp
23				
24		4,6,10,12		
25				
26		9,11,10,13		
27				
28		13,10,14,21		
29				
30		6,11,14,16		
31			31 - 31.5	White CLAY, very stiff, damp
32		50/1	31.5 - 34	Tan / Orange F SAND, little silt, stiff, damp
33				
34		3,5,10,22	34 - 36.5	White CLAY, trace silt, stiff, damp
35				
36		16,22,31,42	36.5 40.25	Orange F SAND, loose damp
37				
38		27,31,36,40		
39				

GEOLOGIC AND WELL CONSTRUCTION LOG

WELL # 12		**WELL TYPE**	4" Monitoring Well		**PERMIT #**		
DATE DRILLED	9/15/2009	**COUNTY**	Anne Arundel		**WELL DRILLER**	BL Myers	
OWNER	Eastern Petroleum	**LOCATION**			8400 Veterans Highway, Millersville, Maryland		
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	H.S.A	**SAMPLE METHOD**	Split Spoon
HOLE DIAMETER	10.25"	**HOLE DEPTH**	55'	**WELL DEPTH**	55'		
CASING TYPE	PVC	**DIAMETER**	4"	**LENGTH**	35'	**STICKUP**	-0.5
SCREEN TYPE	PVC	**SLOT**	0.020"	**LENGTH**	20'	**MANHOLE**	10"-Dia
GRAVEL SIZE	#2 MORIE'	**CASING SEAL**	Concrete 0'-2', Portland / Bentonite (95/5) 2'-31', Bentonite 31'-3				

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
40		7,9,13,11	40.25 - 40.5	Orange F/M SAND lense, trace pebbles Qtz frag
			40.5 - 41	White CLAY, very stiff, damp
41			41 - 41.25	White / Orange F SAND lense, firm damp
		50/2	41.25 - 44	White CLAY, very stiff, damp
42				
43				
		6,5,14,17	44 - 46	White CLAY, trace silt, very stiff, damp
44				
45				
		10,8,12,20	46 - 50	Orange / White F SAND, little silt, loose, WET
46				
47				
		18,14,13,22		
48				
49				
		2,7,15,12	50 - 51	White CLAY, trace silt, firm moist
50				
51			51 - 53.5	White F SAND loose, WET
		18,12,14,17		
52				
53			53.5 - 53.75	White CLAY, soft, moist
		12,14,16,13	53.75 - 56	White F SAND, trace silt, soft, WET
54				
55				
56				
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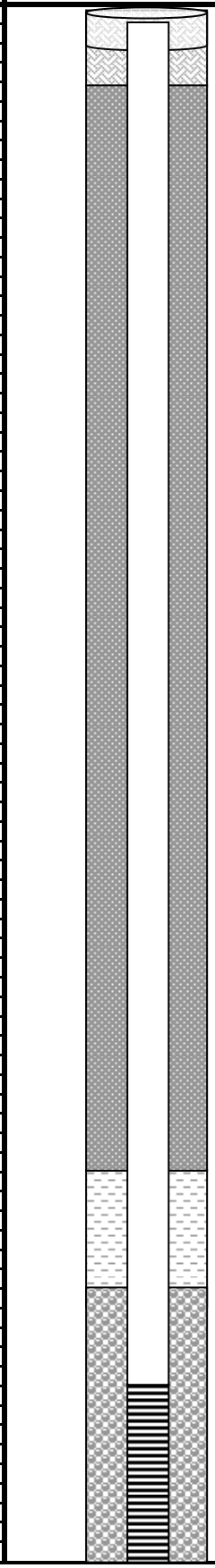
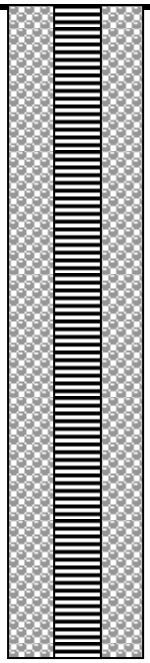
WELL # 13		**WELL TYPE**	4" Monitoring Well		**PERMIT #**		
DATE DRILLED	9/16/2009	**COUNTY**	Anne Arundel		**WELL DRILLER** BL Myers		
OWNER	Eastern Petroleum	**LOCATION**			8400 Veterans Highway, Millersville, Maryland		
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	H.S.A	**SAMPLE METHOD**	Split Spoon
HOLE DIAMETER	10.25"	**HOLE DEPTH**	55'	**WELL DEPTH**	55'		
CASING TYPE	PVC	**DIAMETER**	4"	**LENGTH**	35'	**STICKUP**	-0.5
SCREEN TYPE	PVC	**SLOT**	0.020"	**LENGTH**	20'	**MANHOLE**	10"-Dia
GRAVEL SIZE	#2 MORIE'	**CASING SEAL**	Concrete 0'-2', Portland / Bentonite (95/5) 2'-31', Bentonite 31'-3				

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
0		3,5,5,7	0 - 6	Brown F SAND, some SILT, CLAY, little QTZ FRAGS, trace organics, soft, moist
1				
2		5,5,54		
3				
4		9,12,7,14		
5				
6		9,11,13,10	6 - 9	Brown M/F SAND, trace silt, soft, WET
7				
8		20,18,21,26	9 - 13	White CLAY, trace silt, very stiff, damp
9				
10		7,4,6,9		
11				
12		4,11,8,15		
13			13 - 14	White CLAY, some SILT, firm, damp
14		11,7,11,5	14 - 21	White F SAND, loose dry
15				
16		6,12,9,15		
17				
18		12,9,5,8		
19				
20		7,8,10,12		
21			21 - 28	Orange F SAND, loose, damp
22		6,20,9,11		
23				
24		4,3,5,9		
25				
26		8,7,12,15		
27				
28		5,13,15,13	28 - 28.5	Orange F/M F SAND, little SILT, PEBBLES, firm mois
29			28.5 - 37	Orange F SAND, little SILT, loose, moist
30		20,19,19,22		
31				
32		31,50/2		
33				
34		21,18,19,26		
35				
36		50/3		
37			37 - 37.25	White CLAY, trace silt, firm, damp
			37.25 - 37.5	Orange F SAND, trace silt, loose, damp
38		5,13,19,21	37.5 - 37.75	White CLAY, trace silt, firm damp
			37.75 - 38	Orange F SAND, loose, damp
39			38 - 41	White F SAND, trace silt, soft, moist

GEOLOGIC AND WELL CONSTRUCTION LOG

WELL # 13		**WELL TYPE**	4" Monitoring Well		**PERMIT #**		
DATE DRILLED	9/16/2009	**COUNTY**	Anne Arundel		**WELL DRILLER**	BL Myers	
OWNER	Eastern Petroleum	**LOCATION**			8400 Veterans Highway, Millersville, Maryland		
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	H.S.A	**SAMPLE METHOD**	Split Spoon
HOLE DIAMETER	10.25"	**HOLE DEPTH**	55'	**WELL DEPTH**	55'		
CASING TYPE	PVC	**DIAMETER**	4"	**LENGTH**	35'	**STICKUP**	-0.5
SCREEN TYPE	PVC	**SLOT**	0.020"	**LENGTH**	20'	**MANHOLE**	10"-Dia
GRAVEL SIZE	#2 MORIE'	**CASING SEAL**	Concrete 0'-2', Portland / Bentonite (95/5) 2'-31', Bentonite 31'-3				

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
40		11,13,16,17		
41			41 - 41.5	White CLAY, trace f sand, soft, WET
42		27,50/4	41.5 - 47.5	White / Ornge F SAND, little SILT, soft, WET
43				
44		10,15,13,12		
45				
46		20,19,27,32		
47			47.5 - 48	White CLAY, soft, damp
48		18,17,11,14	48 - 50	Tan F SAND, little SILT, soft, WET
49				
50		10,8,5,15	50 - 56	Tan F SAND, trace silt, soft, WET
51				
52		14,8,12,13		
53				
54		12,15,17,22		
55				
56				
57				
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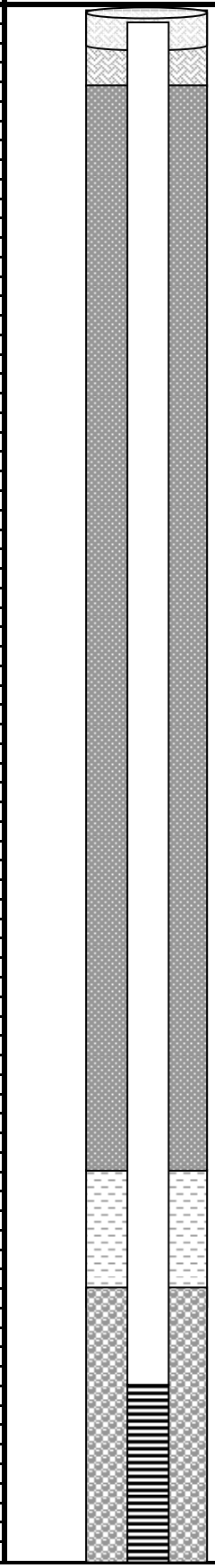
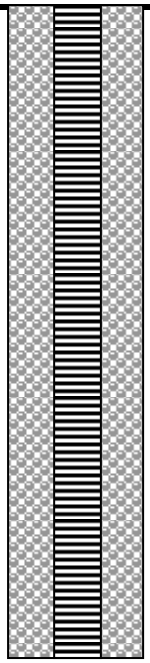
WELL # 14		**WELL TYPE**	4" Monitoring Well		**PERMIT #**		
DATE DRILLED	9/17/2009	**COUNTY**	Anne Arundel		**WELL DRILLER** BL Myers		
OWNER	Eastern Petroleum	**LOCATION**			8400 Veterans Highway, Millersville, Maryland		
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	H.S.A	**SAMPLE METHOD**	Split Spoon
HOLE DIAMETER	10.25"	**HOLE DEPTH**	55'	**WELL DEPTH**	55'		
CASING TYPE	PVC	**DIAMETER**	4"	**LENGTH**	35'	**STICKUP**	-0.5
SCREEN TYPE	PVC	**SLOT**	0.020"	**LENGTH**	20'	**MANHOLE**	10"-Dia
GRAVEL SIZE	#2 MORIE'	**CASING SEAL**	Concrete 0'-2', Portland / Bentonite (95/5) 2'-31', Bentonite 31'-3				

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
0		13,18,16,22	0 - .33	ASPHALT
1			.33 - 7.5	Brown C/M/F SAND, little SILT, firm, moist (fil)
2		12,8,9,9		
3				
4		5,6,13,20		
5				
6		12,11,9,11		
7			7.5 - 8.5	Tan CLAY, little SILT, stiff, damp
8		3,6,9,13	8.5 - 9	Tan F SAND, trace silt, loose, damp
9			9 - 19.5	White CLAY, little SILT, very stiff, dry
10		5,6,9,13		
11				
12		16,18,14,12		
13				
14		13,18,14,12		
15				
16		3,5,4,6		
17				
18		8,11,8,13		
19				
20		4,6,7,9,7		
21			19.5 23.5	White F SAND, little SILT, loose, moist
22		6,7,9,7,		
23			23.5 - 24	White CLAY, firm, damp
24		7,50/4	24 - 24.5	White & Orange F SAND, trace silt, loose, damp
25			24.5 26.5	White CLAY, very stiff, damp
26		5,11,8,19		
27			26.5 29	Orange F SAND, trace silt, loose, damp
28		18,16,20,27		
29			29 - 29.25	White CLAY, trace silt, stiff, damp
30		13,13,18,17	29.25 - 38.5	Orange F SAND, trace silt, loose, damp
31				
32		16,45,49,49		
33				
34		27,17,31,35		
35				
36		47,50/4		
37				
38		6,8,50/1	38.5 - 39	White CLAY, little SILT, stiff, damp
39			39 - 40	Orange F SAND little SILT, soft, moist

GEOLOGIC AND WELL CONSTRUCTION LOG

WELL # 14		**WELL TYPE**	4" Monitoring Well		**PERMIT #**		
DATE DRILLED	9/17/2009	**COUNTY**	Anne Arundel		**WELL DRILLER**	BL Myers	
OWNER	Eastern Petroleum	**LOCATION**			8400 Veterans Highway, Millersville, Maryland		
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	H.S.A	**SAMPLE METHOD**	Split Spoon
HOLE DIAMETER	10.25"	**HOLE DEPTH**	55'	**WELL DEPTH**	55'		
CASING TYPE	PVC	**DIAMETER**	4"	**LENGTH**	35'	**STICKUP**	-0.5
SCREEN TYPE	PVC	**SLOT**	0.020"	**LENGTH**	20'	**MANHOLE**	10"-Dia
GRAVEL SIZE	#2 MORIE'	**CASING SEAL**	Concrete 0'-2', Portland / Bentonite (95/5) 2'-31', Bentonite 31'-3				

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
40		17,18,19,22	40 - 47	Tan /White F SAND, little silt, soft, moist
41				
42		2,7,7,13		
43				
44		15,15,21,46		
45				
46		13,24,31,39		
47			47 - 48	Tan /White SAND, some SILT, CLAY, soft, WET
48		8,11,14,12	48 - 49.5	White CLAY, trace silt, very stiff, damp
49				
50		12,15,16,11	49.5 -51	Orange & White F SAND, trace silt, loose, WET
51			51 - 51.25	White CLAY, Llittle SILT, firm, damp
52		15,16,12,22	51.25 - 56	White F SAND, trace silt, soft, WET
53				
54		50/1		
55				
56				
57				
58				
59				
60				
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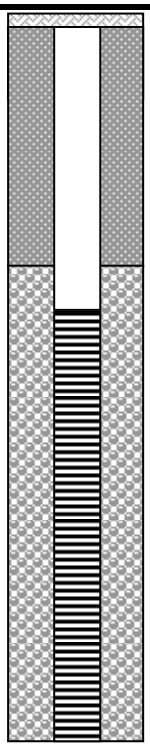
77				

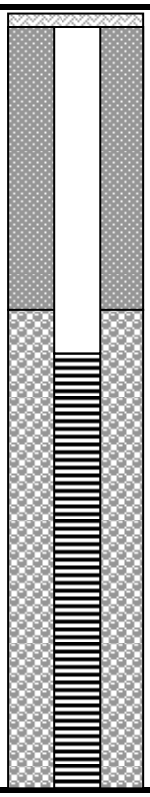
GEOLOGIC AND WELL CONSTRUCTION LOG

WELL # GP-1		**WELL TYPE**	1" Temporary Geoprobe Point	**PERMIT #**			
DATE DRILLED	10/3/2008	**COUNTY**	Anne Arundel	**WELL DRILLER**	BL Myers		
OWNER	Eastern Petroleum	**LOCATION**		8400 Veterans Highway, Millersville, Maryland			
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	Geoprobe	**SAMPLE METHOD**	Continuous Core
HOLE DIAMETER	2"	**HOLE DEPTH**	17'	**WELL DEPTH**	17'		
CASING TYPE	PVC	**DIAMETER**	1"	**LENGTH**	7'	**STICKUP**	-0.2
SCREEN TYPE	PVC	**SLOT**	0.020"	**LENGTH**	10'	**MANHOLE**	None
GRAVEL SIZE	#2 MORIE'	**CASING SEAL**	Bentonite .5'-6', #2 MORIE 6'-17				

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
0			0 - 1	Dk Gray APHALT and ORGANICS, soft, moist
1			1 - 3	Lt Brown SILTY SAND, little Gravel, firm, moist
2				
3			3 - 8	Lt Gray and Tan CLAY, trace f Sand, soft, moist-wet
4				
5				
6				
7				
8			8 - 10	Lt Gray CLAY, trace silt, dry, very stiff
9				
10			10 - 10.5	Lt Brown f SAND, little Silt, wet, soft
			10.5 - 11	Lt gray CLAY, trace silt, dry stiff
11			11 - 12.5	White SILTY CLAY, damp, stiff
12				
13			12.5 - 14.5	Lt Brown f SAND, little Silt, damp
14				
15			14.5 -16	Lt Gray CLAY, little Silt, stiff, damp-dry
16			16 - 16.5	Lt Gray CLAY, some Silt, dry stiff
			16.5 - 17	Lt gray/Red SILT and F SAND, soft, dry
17				(Refusal @17 ft)
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				

GEOLOGIC AND WELL CONSTRUCTION LOG

WELL # GP-2		**WELL TYPE**	1" Temporary Geoprobe Point	**PERMIT #**			
DATE DRILLED	10/3/2008	**COUNTY**	Anne Arundel	**WELL DRILLER**	BL Myers		
OWNER	Eastern Petroleum	**LOCATION**		8400 Veterans Highway, Millersville, Maryland			
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	Geoprobe	**SAMPLE METHOD**	Continuous Core
HOLE DIAMETER	2"	**HOLE DEPTH**	17.5'	**WELL DEPTH**	17.5'		
CASING TYPE	PVC	**DIAMETER**	1"	**LENGTH**	7.5'	**STICKUP**	-0.2
SCREEN TYPE	PVC	**SLOT**	0.020"	**LENGTH**	10'	**MANHOLE**	None
GRAVEL SIZE	#2 MORIE'	**CASING SEAL**	Bentonite .5'-6.5', #2 MORIE 6.5'-17.5				

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
0			0 - 1	Black APHALT, STONE and C SAND, soft dry
1			1 - 3.5	Brown / Gray SANDY CLAY, stiff, moist
2				
3			3.5 - 8	Lt Gray CLAY, little Silt, very stiff, dry
4				
5				
6				
7				
8			8 - 9	Lt Gray CLAY, some Silt, soft, dry
9			9 - 11	Lt Gray CLAY, little Silt, stiff, dry
10				
11			11 - 12	Lt Gray and reddish Brown SSILT, some f SAND, soft, moist, soft
12			12 - 16	Lt Gray CLAY, trace Silt, very stiff, dry
13				
14				
15				
16			16 - 17	Lt Gray Reddish Brown SILT and F SAND, soft, dry
17			17 - 17.5	t Gray, CLAY, trace silt, very stiff,dry, Refusal 17.5 ft
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
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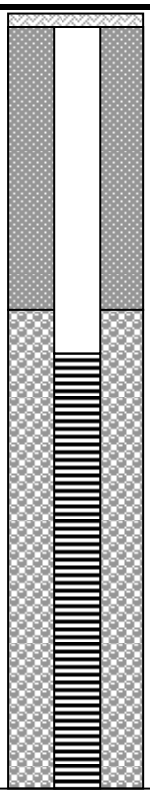
32				
33				
34				
35				
36				
37				

GEOLOGIC AND WELL CONSTRUCTION LOG

WELL # GP-3		**WELL TYPE**	1" Temporary Geoprobe Point	**PERMIT #**			
DATE DRILLED	10/3/2008	**COUNTY**	Anne Arundel	**WELL DRILLER**	BL Myers		
OWNER	Eastern Petroleum	**LOCATION**		8400 Veterans Highway, Millersville, Maryland			
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	Geoprobe	**SAMPLE METHOD**	Continuous Core
HOLE DIAMETER	2"	**HOLE DEPTH**	17.5'	**WELL DEPTH**	17.5'		
CASING TYPE	PVC	**DIAMETER**	1"	**LENGTH**	7.5'	**STICKUP**	-0.2
SCREEN TYPE	PVC	**SLOT**	0.020"	**LENGTH**	10'	**MANHOLE**	None
GRAVEL SIZE	#2 MORIE'	**CASING SEAL**	Bentonite .5'-6.5', #2 MORIE 6.5'-17.5				

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
0			0 - 1	Black APHALT, STONE and C SAND, soft, dry
1			1 - 3.0	Black C SAND and GRAVEL, some Silt, stiff, moist
2				
3			3.0 - 6.5	Orange / Brown SILT with F SAND, trace gravel, firm, moist
4				
5				
6			6.5 - 8	Lt Gray CLAY. Some Silt, with bands of F SAND, trace silt, loose, damp
7				
8			8 - 16.5	Lt Gray CLAY, little Silt, very stiff, dry-damp
9				
10				
11				
12				
13				
14				
15				
16				
17			16.5 - 17.5	Lt gray f SAND, trace silt, loose, damp Refusal 17.5 ft
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
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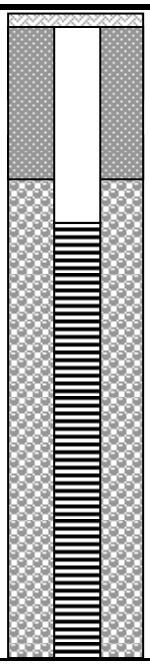
31				
32				
33				
34				
35				
36				
37				

GEOLOGIC AND WELL CONSTRUCTION LOG

WELL # GP-4		**WELL TYPE**	1" Temporary Geoprobe Point		**PERMIT #**		
DATE DRILLED	10/3/2008	**COUNTY**	Anne Arundel		**WELL DRILLER**	BL Myers	
OWNER	Eastern Petroleum	**LOCATION**			8400 Veterans Highway, Millersville, Maryland		
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	Geoprobe	**SAMPLE METHOD**	Continuous Core
HOLE DIAMETER	2"	**HOLE DEPTH**	15'	**WELL DEPTH**	15'		
CASING TYPE	PVC	**DIAMETER**	1"	**LENGTH**	5'	**STICKUP**	-0.2
SCREEN TYPE	PVC	**SLOT**	0.020"	**LENGTH**	10'	**MANHOLE**	None
GRAVEL SIZE	#2 MORIE'	**CASING SEAL**	Bentonite .5'-3.5', #2 MORIE 3.5'-15				

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
0			0 - 3	Black ASPHALT,STONE and CM SAND, stiff, moist
1				
2			3 - 4.5	Lt Brown / Gray CLAY and SILT, trace f sand, stiff, moist
3				
4			4.5 - 5	Lt Brown CMF SAND, little Silt, trace qtz gravel, moist
5				
6			5 - 12.5	Lt Gray CLAY, some SILT, very stiff, dry
7				
8				
9				
10				
11				
12			12.5 - 13	Lt Brown / Orange f SAND, trace silt, dry
13			13 - 14	Lt GRAY SILT, trace clay, firm, damp
14			14 - 15	Brown F SAND, trace SILT, loose, moist, Refusal 15 ft
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
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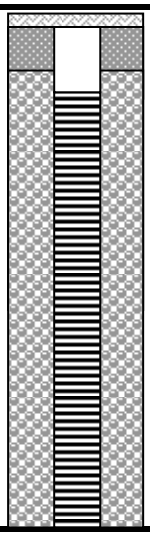
34				
35				
36				
37				

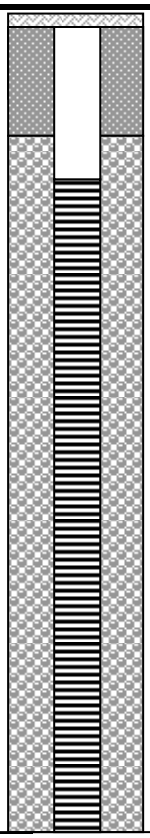
GEOLOGIC AND WELL CONSTRUCTION LOG

WELL # GP-5		**WELL TYPE**	1" Temporary Geoprobe Point	**PERMIT #**			
DATE DRILLED	10/3/2008	**COUNTY**	Anne Arundel	**WELL DRILLER**	BL Myers		
OWNER	Eastern Petroleum	**LOCATION**		8400 Veterans Highway, Millersville, Maryland			
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	Geoprobe	**SAMPLE METHOD**	Continuous Core
HOLE DIAMETER	2"	**HOLE DEPTH**	12'	**WELL DEPTH**	12'		
CASING TYPE	PVC	**DIAMETER**	1"	**LENGTH**	2'	**STICKUP**	-0.2
SCREEN TYPE	PVC	**SLOT**	0.020"	**LENGTH**	10'	**MANHOLE**	None
GRAVEL SIZE	#2 MORIE'	**CASING SEAL**	Bentonite .5'-1.5', #2 MORIE 1.5'-12				

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
0			0 - 3.5	Black ASPHALT, CRUSHED STONE, CM SAND, loose, damp
1				
2				
3			3.5 - 4.5	Dk Gray CLAY, some SILT, trace f sand, firm, moist
4			4.5 - 5	Lt Brown MC SAND, little pebbles, loose, damp
5				
6			5 - 12	Lt Gray CLAY, some Silt, very stiff, dry Refusal 12 ft
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				

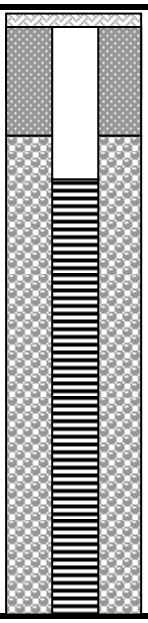
GEOLOGIC AND WELL CONSTRUCTION LOG

WELL # GP-6		**WELL TYPE**	1" Temporary Geoprobe Point	**PERMIT #**			
DATE DRILLED	10/3/2008	**COUNTY**	Anne Arundel	**WELL DRILLER**	BL Myers		
OWNER	Eastern Petroleum	**LOCATION**		8400 Veterans Highway, Millersville, Maryland			
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	Geoprobe	**SAMPLE METHOD**	Continuous Core
HOLE DIAMETER	2"	**HOLE DEPTH**	19'	**WELL DEPTH**	19'		
CASING TYPE	PVC	**DIAMETER**	1"	**LENGTH**	4'	**STICKUP**	-0.2
SCREEN TYPE	PVC	**SLOT**	0.020"	**LENGTH**	15'	**MANHOLE**	None
GRAVEL SIZE	#2 MORIE'	**CASING SEAL**	Bentonite .5'-3', #2 MORIE 3'-19				

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
0			0 - 3.5	Black ASPHALT, CRUSHED STONE, CMF SAND, loose, damp
1				
2				
3			3.5 - 5.5	Black CRUSHED STONE, CMF SAND, some, SILT, firm, damp
4				
5			5.5 - 9	Lt Gray CLAY, little silt, very stiff,dry
6				
7				
8				
9			9 - 9.5	Lt Gray f SAND, little silt, loose, dry
10			9.5 - 11.5	Lt Gray CLAY, little Silt, very stiff, dry
11			11.5 - 12	Lt Gray CLAY, little Silt, stiff, dry
12			12 - 12.5	Lt Gray f SAND, trace silt, loose, damp
13			12.5 - 14.5	Lt Gray CLAY, little Silt, very stiff, dry
14				
15			14.5 - 16	Lt Gray f SAND, trace Silt, loose, damp
16				
17			16 - 19	Lt Gray CLAY, little Silt, very stiff, dry Refusal at 19 ft
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				

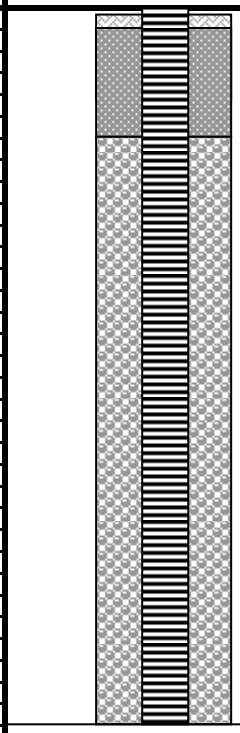
GEOLOGIC AND WELL CONSTRUCTION LOG

WELL # GP-7		**WELL TYPE**	1" Temporary Geoprobe Point		**PERMIT #**		
DATE DRILLED	10/3/2008	**COUNTY**	Anne Arundel		**WELL DRILLER**	BL Myers	
OWNER	Eastern Petroleum	**LOCATION**			8400 Veterans Highway, Millersville, Maryland		
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	Geoprobe	**SAMPLE METHOD**	Continuous Core
HOLE DIAMETER	2"	**HOLE DEPTH**	14'	**WELL DEPTH**	14'		
CASING TYPE	PVC	**DIAMETER**	1"	**LENGTH**	4'	**STICKUP**	-0.2
SCREEN TYPE	PVC	**SLOT**	0.020"	**LENGTH**	10'	**MANHOLE**	None
GRAVEL SIZE	#2 MORIE'	**CASING SEAL**	Bentonite .5'-3', #2 MORIE 3'-14				

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
0 - 14			0 - 3.5	Black ASPHALT, CRUSHED STONE, CMF SAND, stiff, moist
			3.5 - 6.5	Black CRUSHED STONE, CMF SAND, some, SILT, firm, damp
			6.5 - 9.5	Dk Gray SAND, little Rock Fragments, little Silt, loose, moist-wet
			9.5 - 9.7	Lt Gray fine SAND, trace silt, loose, moist
			9.7 - 14	Lt Gray CLAY, trace silt, very stiff, dry

GEOLOGIC AND WELL CONSTRUCTION LOG

WELL # GP-8		**WELL TYPE**	1" Temporary Geoprobe Point	**PERMIT #**			
DATE DRILLED	10/6/2008	**COUNTY**	Anne Arundel	**WELL DRILLER**	BL Myers		
OWNER	Eastern Petroleum	**LOCATION**		8400 Veterans Highway, Millersville, Maryland			
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	Geoprobe	**SAMPLE METHOD**	Continuous Core
HOLE DIAMETER	2"	**HOLE DEPTH**	16.5'	**WELL DEPTH**	16.5'		
CASING TYPE	None	**DIAMETER**	none	**LENGTH**	none	**STICKUP**	+0.2
SCREEN TYPE	PVC	**SLOT**	0.020"	**LENGTH**	16.5'	**MANHOLE**	None
GRAVEL SIZE	#2 MORIE'	**CASING SEAL**	#2 MORIE 0'-16.5'				

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
0			0 - 1	Dk Brown f/m SAND, trace organics, loose, moist
1			1 - 3	Orange Brown f/m SAND, little angular Gravel, firm, moist
2				
3			3 - 4	Brown f/m SAND with angular GRAVEL, loose, moist
4			4 - 5.5	Brown f/m SAND, some Silt, stiff, moist
5				
6			5.5 - 7.5	Lt Gray CLAY, some Silt, stiff, damp
7			7.5 - 7.7	Lt Gray CLAY and SAND, stiff, damp
8			7.7 - 9.8	Lt Gray CLAY, some Silt, stiff, damp
9				
10			9.8 - 12.5	Lt brown f SAND, little Silt, loose, moist
11				
12			12.5 - 13	Lt Gray CLAY and SILT, trace f sand, stiff, damp
13			13 - 14.2	Lt Gray and Orange f SAND and SILT, stiff, damp
14			14.2 - 15.5	Lt Gray CLAY with SILT, trace f sand, stiff, damp
15			15.5 - 16.25	Lt Gray Clay little Silt, very stiff, damp
16			16.25 - 16.5	Lt Gray f SAND and SILT, very stiff damp (Refusal @ 16.5)
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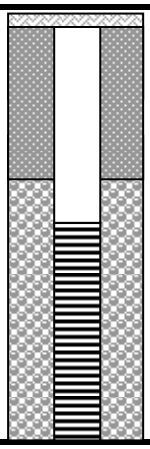
GEOLOGIC AND WELL CONSTRUCTION LOG

WELL # GP-9		**WELL TYPE**	1" Temporary Geoprobe Point	**PERMIT #**			
DATE DRILLED	10/6/2008	**COUNTY**	Anne Arundel	**WELL DRILLER**	BL Myers		
OWNER	Eastern Petroleum	**LOCATION**		8400 Veterans Highway, Millersville, Maryland			
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	Geoprobe	**SAMPLE METHOD**	Continuous Core
HOLE DIAMETER	2"	**HOLE DEPTH**	1'	**WELL DEPTH**	10'		
CASING TYPE	PVC	**DIAMETER**	1"	**LENGTH**	5'	**STICKUP**	-0.2
SCREEN TYPE	PVC	**SLOT**	0.020"	**LENGTH**	5'	**MANHOLE**	None
GRAVEL SIZE	#2 MORIE'	**CASING SEAL**	Bentonite .5'-4', #2 MORIE 4'-10				

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
0			0 - 1	Black / Dk Brown f SAND and SILT, trace organics, firm, damp
1			1 - 2.5	Dk Brown f SAND, little Silt, loose moist
2			2.5 - 4	Dk Brown CLAY with SILT, firm, damp
3			4 - 9	Yellowish Brown CLAY, SILT, c/m/f GRAVEL, stiff, damp
4			9 - 10	Gray CLAY little Silt, very stiff, damp, (Refusal @ 10 ft)
5				
6				
7				
8				
9				
10				
11				
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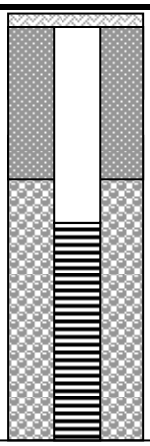
GEOLOGIC AND WELL CONSTRUCTION LOG

WELL # GP-10		**WELL TYPE**	1" Temporary Geoprobe Point	**PERMIT #**			
DATE DRILLED	10/6/2008	**COUNTY**	Anne Arundel	**WELL DRILLER**	BL Myers		
OWNER	Eastern Petroleum	**LOCATION**		8400 Veterans Highway, Millersville, Maryland			
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	Geoprobe	**SAMPLE METHOD**	Continuous Core
HOLE DIAMETER	2"	**HOLE DEPTH**	1'	**WELL DEPTH**	10'		
CASING TYPE	PVC	**DIAMETER**	1"	**LENGTH**	5'	**STICKUP**	-0.2
SCREEN TYPE	PVC	**SLOT**	0.020"	**LENGTH**	5'	**MANHOLE**	None
GRAVEL SIZE	#2 MORIE'	**CASING SEAL**	Bentonite .5'-4', #2 MORIE 4'-10				

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
0			0 - 1	Dk Brown SAND & SILT, loose, damp
1			1 - 2	Orange Br, f SAND and m GRAVEL, firm ,moist
2			2 - 2.5	Dk Gray f SAND and SILT, firm ,damp
3			2.5 - 4	Dk Gray CLAY, little Silt, firm, damp
4			4 - 5	Dk Gray f SAND and SILT, firm ,moist
5			5 - 6.5	Brown/Olive f SAND, little Silt, loose, moist
6			6.5 - 8	Yellow brown CLAY, SILT, M GRAVEL, cmf SAND, stiff, damp
7				
8			8 - 10	Lt Gray CLAY, little Silt, very stiff, dry (Refusal @ 10 ft)
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
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36				
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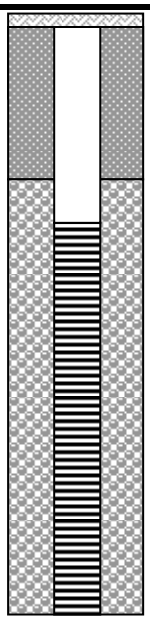
GEOLOGIC AND WELL CONSTRUCTION LOG

WELL # GP-11		**WELL TYPE**	1" Temporary Geoprobe Point		**PERMIT #**		
DATE DRILLED	10/6/2008	**COUNTY**	Anne Arundel		**WELL DRILLER**	BL Myers	
OWNER	Eastern Petroleum	**LOCATION**			8400 Veterans Highway, Millersville, Maryland		
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	Geoprobe	**SAMPLE METHOD**	Continuous Core
HOLE DIAMETER	2"	**HOLE DEPTH**	14'	**WELL DEPTH**	14'		
CASING TYPE	None	**DIAMETER**	2"	**LENGTH**	5'	**STICKUP**	-0.2
SCREEN TYPE	PVC	**SLOT**	0.020"	**LENGTH**	10'	**MANHOLE**	None
GRAVEL SIZE	#2 MORIE'	**CASING SEAL**	Bentonite .5'-4', #2 MORIE 4'-14				

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
0			0 - 1	Black ASPHALT, Crushed STONE, cfm SAND, firm moist
1			1 - 2.5	Lt Gray CLAY, little Silt, very stiff, dry
2			2.5 - 3.5	Dk Gray f SAND, little Silt, loose, moist
3			3.5 - 4	Lt brown SILT and SAND, loose, moist
4			4 - 8.5	Lt Gray CLAY, some Silt, stiff, damp
5				
6				
7				
8			8.5 - 11	Lt Gray CLAY, little Silt, very stiff, dry
9				
10				Lt Gray fine SAND, some Silt, loose, moist
11			11 - 12	Lt Gray CLAY, some Silt, firm, damp
12			12 - 12.6	
13			12.6 - 13	Lt Gray Clay, little Silt, stiff, damp
14			13 - 13.5	
15			13.5 - 14	Lt Gray f SAND, trace silt, loose, moist
16				Lt Gray CLAY, little Silt, very stiff, dry (Refusal @ 14)
17				
18				
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GEOLOGIC AND WELL CONSTRUCTION LOG

WELL # GP-12		**WELL TYPE**		**PERMIT #**	
DATE DRILLED	8/28/2009	**COUNTY**	Anne Arundel	**WELL DRILLER**	BL Myers
OWNER	Eastern Petroleum	**LOCATION**		8400 Veterans Highway, Millersville, Maryland	
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD** Geoprobe	**SAMPLE METHOD** Continuous Core
HOLE DIAMETER	2"	**HOLE DEPTH**	17'	**WELL DEPTH** N/A	
CASING TYPE		**DIAMETER**		**LENGTH**	**STICKUP**
SCREEN TYPE		**SLOT**		**LENGTH**	**MANHOLE**
GRAVEL SIZE		**CASING SEAL**			

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
0			0 -.33	Ashpalt
1			.33 - 13	Brown FMC SAND, trace pebbles, silt, firm, damp (fill)
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13			13 - 13.5	White CLAY, trace silt, stiff, damp
14			13.5 -14.5	Tan F SAND, firm, damp
15			14.5 - 15.75	White Clay, very stiff, dry
16			15.75 - 16	Tan F SAND, firm, damp, dry
17			16 - 16.5	White CLAY, very stiff, damp , dry
18			16.5 - 17	White CLAY and F SAND, stiff, damp
19				
20				
21				
22				
23				
24				
25				
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27				
28				
29				
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GEOLOGIC AND WELL CONSTRUCTION LOG

WELL # GP-13		**WELL TYPE**		**PERMIT #**	
DATE DRILLED	8/28/2009	**COUNTY**	Anne Arundel	**WELL DRILLER**	BL Myers
OWNER	Eastern Petroleum	**LOCATION**		8400 Veterans Highway, Millersville, Maryland	
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	Geoprobe **SAMPLE METHOD** Continuous Core
HOLE DIAMETER	2"	**HOLE DEPTH**	14'	**WELL DEPTH**	N/A
CASING TYPE		**DIAMETER**		**LENGTH**	**STICKUP**
SCREEN TYPE		**SLOT**		**LENGTH**	**MANHOLE**
GRAVEL SIZE		**CASING SEAL**			

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
0			0 - .33	Asphalt
1			.33 - 3	Reddish Brown F/M SAND and SILT, firm, damp
2				
3			3 - 6.5	White CLAY, little silt, stiff, damp/dry
4				
5				
6			6.5 - 9	Reddish Brown F/M SAND and SILT, firm, damp
7				
8				
9			9 - 12	Reddish brown & White F SAND, little SILT, loose, damp moist
10				
11				
12			12 - 13	White CLAY, trace silt,firm damp
13			13 - 14	White CLAY, stiff, dry REFUSAL 14 FT
14				
15				
16				
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GEOLOGIC AND WELL CONSTRUCTION LOG

WELL # GP-14		**WELL TYPE**		**PERMIT #**	
DATE DRILLED	8/28/2009	**COUNTY**	Anne Arundel	**WELL DRILLER**	BL Myers
OWNER	Eastern Petroleum	**LOCATION**		8400 Veterans Highway, Millersville, Maryland	
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	Geoprobe
HOLE DIAMETER	2"	**HOLE DEPTH**	14'	**WELL DEPTH**	N/A
CASING TYPE		**DIAMETER**		**LENGTH**	
SCREEN TYPE		**SLOT**		**LENGTH**	
GRAVEL SIZE		**CASING SEAL**			

SAMPLE METHOD Continuous Core

STICKUP

MANHOLE

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
0			0 - .33	Asphalt
1			.33 - 3	Reddish Brown F SAND and SILT, stiff, damp/dry
2				
3			3 - 6	White CLAY, little SILT, stiff damp/dry
4				
5				
6			6 - 8	Reddish White F SAND, loose, dry
7				
8			8 - 8.5	Red & White F Sand loose, dry
9			8.5 - 10.5	Reddish Brown, F SAND, little Silt, loose, damp
10				
11			10.5 - 14	White CLAY, very stiff, moist
12				
13				
14			14 - 14.5	White F SAND, loose, dry
15			14.5 - 15.75	White CLAY, little SAND, stiff, damp
16			15.75 - 18.5	White CLAY, trace f sand,very stiff, damp, REFUSAL 18.5
17				
18				
19				
20				
21				
22				
23				
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GEOLOGIC AND WELL CONSTRUCTION LOG

WELL # GP-15		**WELL TYPE**		**PERMIT #**	
DATE DRILLED	8/28/2009	**COUNTY**	Anne Arundel	**WELL DRILLER**	BL Myers
OWNER	Eastern Petroleum	**LOCATION**		8400 Veterans Highway, Millersville, Maryland	
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	Geoprobe
HOLE DIAMETER	2"	**HOLE DEPTH**	19'	**WELL DEPTH**	N/A
CASING TYPE		**DIAMETER**		**LENGTH**	
SCREEN TYPE		**SLOT**		**LENGTH**	
GRAVEL SIZE		**CASING SEAL**			

SAMPLE METHOD Continuous Core

STICKUP

MANHOLE

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
0			0 - .33	Asphalt
1			.33 - 2.5	Reddish Brown F SAND and SILT, stiff, damp
2				
3			2.5 - 9	White CLAY, trace silt stiff, dry, loose, moist
4				
5				
6				
7				
8				
9			9 - 12	White SAND, loose, moist
10				
11				
12			12 - 14	White CLAY, stiff, moist
13				
14			14 - 14.5	White F SAND, trace silt, loose, damp
15			14.5 - 17	White CLAY, very stiff, damp
16				
17			17 - 19	White CLAY,very stiff, damp, REFUSAL 19 FT
18				
19				
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GEOLOGIC AND WELL CONSTRUCTION LOG

WELL # GP-16		**WELL TYPE**		**PERMIT #**	
DATE DRILLED	9/23/2009	**COUNTY**	Anne Arundel	**WELL DRILLER**	BL Myers
OWNER	Eastern Petroleum	**LOCATION**		8400 Veterans Highway, Millersville, Maryland	
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD** Geoprobe	**SAMPLE METHOD** Continuous Core
HOLE DIAMETER	2"	**HOLE DEPTH**	15'	**WELL DEPTH** N/A	
CASING TYPE		**DIAMETER**		**LENGTH**	**STICKUP**
SCREEN TYPE		**SLOT**		**LENGTH**	**MANHOLE**
GRAVEL SIZE		**CASING SEAL**			

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
0 - 15			0 - 1.5	White & Black CRUSHED STONE, F/M SAND, stiff, damp
			1.5 - 4	Tan F SAND and SILT, firm, damp
			4 - 5	White CLAY, some F SAND firm, damp
			5 - 9.5	Whire CLAY, trace silt, very stiff, dry
			9.5 - 9.75	White SAND, trace silt, loose damp
			9.75 - 10.5	White CLAY, trace silt, stiff, moist
			10.5 - 11	Orange F SAND, little SILT, loose, damp
			11 - 13	White F SAND, trace silt, soft, damp
			13 - 15	Tan F SAND, trace silt, soft, moist, REFUSAL at 15 FT

GEOLOGIC AND WELL CONSTRUCTION LOG

WELL # GP-17		**WELL TYPE**		**PERMIT #**	
DATE DRILLED	9/23/2009	**COUNTY**	Anne Arundel	**WELL DRILLER**	BL Myers
OWNER	Eastern Petroleum	**LOCATION**		8400 Veterans Highway, Millersville, Maryland	
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD**	Geoprobe
HOLE DIAMETER	2"	**HOLE DEPTH**	15'	**WELL DEPTH**	N/A
CASING TYPE		**DIAMETER**		**LENGTH**	
SCREEN TYPE		**SLOT**		**LENGTH**	
GRAVEL SIZE		**CASING SEAL**			

SAMPLE METHOD Continuous Core

STICKUP

MANHOLE

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
0			0 - 1.5	White & Black CRUSHED STONE, F/M SAND, firm, damp
1				
2			1.5 - 4	Tan F SAND and SILT, firm, damp
3				
4			4 - 5	White CLAY, some F SAND, trace silt, firm, damp
5			5 - 9	White CLAY, trace silt, very stiff, dry
6				
7				
8				
9			9 - 10.5	White F SAND, trace silt, loose damp
10				
11			10.5 - 12	Orange F SAND, little SILT, loose, damp
12			12 - 13	White F SAND, trace silt, loose, damp
13			13 - 14	Orange F SAND, little SILT, loose, damp
14			14 - 15	White F SAND, trace silt, loose, damp, REFUSAL
15				15
16				
17				
18				
19				
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GEOLOGIC AND WELL CONSTRUCTION LOG

WELL # GP-18		**WELL TYPE**		**PERMIT #**	
DATE DRILLED	9/23/2009	**COUNTY**	Anne Arundel	**WELL DRILLER**	BL Myers
OWNER	Eastern Petroleum	**LOCATION**		8400 Veterans Highway, Millersville, Maryland	
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD** Geoprobe	**SAMPLE METHOD** Continuous Core
HOLE DIAMETER	2"	**HOLE DEPTH**	18'	**WELL DEPTH** N/A	
CASING TYPE		**DIAMETER**		**LENGTH**	**STICKUP**
SCREEN TYPE		**SLOT**		**LENGTH**	**MANHOLE**
GRAVEL SIZE		**CASING SEAL**			

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
0			0 - .33	White & Black CRUSHED STONE, F/M SAND, firm, damp
1				
2			1.5 - 4	Tan F SAND & SILT, firm, damp
3				
4			4 - 8	White CLAY, trace silt, very stiff, dry
5				
6				
7				
8			8 - 10	White F SAND, trace silt, loose, damp
9				
10			10 - 10.5	Orange F SAND, little SILT, loose, damp
			10.5 - 11	White F SAND, trace silt, loose damp
11			11 - 12	Orange CLAY, little F SAND, very stiff, damp
12			12 - 13	White F SAND, trace silt, loose, damp
13			13 - 16	Orange F SAND, little SILT, soft, damp
14				
15				
16			16 - 18	White CLAY, very stiff, damp, REFUSAL 18 ft
17				
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19				
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GEOLOGIC AND WELL CONSTRUCTION LOG

WELL # GP-19		**WELL TYPE**		**PERMIT #**	
DATE DRILLED	9/23/2009	**COUNTY**	Anne Arundel	**WELL DRILLER**	BL Myers
OWNER	Eastern Petroleum	**LOCATION**		8400 Veterans Highway, Millersville, Maryland	
SURFACE ELEVATION	NA	**TOC ELEVATION**	NA	**DRILL METHOD** Geoprobe	**SAMPLE METHOD** Continuous Core
HOLE DIAMETER	2"	**HOLE DEPTH**	14'	**WELL DEPTH** N/A	
CASING TYPE		**DIAMETER**		**LENGTH**	**STICKUP**
SCREEN TYPE		**SLOT**		**LENGTH**	**MANHOLE**
GRAVEL SIZE		**CASING SEAL**			

DEPTH	WELL DESIGN	Blow Count	Depth	GEOLOGIC LOG
0			0 -1.5	Black and White CRUSHED STONE and MM/F SAND, firm damp
1				
2			1.5 - 3	Tan F SAND, and SILT, firm, damp
3			3 - 5.5	White CLAY, very stiff, dry
4				
5			5.5 - 8	White CLAY, very stiff, dry
6				
7			8 - 8.5	White SAND, trace silt, loose, damp
8			8.5 - 11	White CLAY, trace silt, stiff, moist
9				
10			11 - 12	Orange F SAND, trace silt, loose, damp
11			12 - 14	White F SAND, loose, damp, REFUSAL at 14 FT
12				
13				
14				
15				
16				
17				
18				
19				
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APPENDIX D

LABORATORY ANALYTICAL RESULTS:
SOIL AND GROUNDWATER

Analytical Report for

Envirotech Consultants LLC

Certificate of Analysis No.: 8100704

Project Manager: Kip Kraus
Project Name : Transit Truck Stop
Project Location: Millersville, MD

October 14, 2008

Phase Separation Science, Inc.
6630 Baltimore National Pike
Baltimore, MD 21228
Phone: (410) 747-8770
Fax: (410) 788-8723

OFFICES:
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410-747-8770
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PHASE SEPARATION SCIENCE, INC.

October 14, 2008

Kip Kraus
Envirotech Consultants LLC
2931 Whittington Avenue
Baltimore, MD 21230

Reference: PSS Work Order No: **8100704**
Project Name : Transit Truck Stop
Project Location: Millersville, MD

Dear Kip Kraus :

The attached Analytical and QC Summary lists the analytical results from the analyses performed on the samples received under the project name referenced above and identified with the Phase Separation Science (PSS) Work Order numbered **8100704**.

All work reported herein has been performed in accordance with referenced methodologies, PSS Standard Operating Procedures and the PSS Quality Assurance Manual. PSS is limited in liability to the actual cost of the sample analysis done.

PSS reserves the right to return any unused samples, extracts or related solutions. Otherwise, the samples are scheduled for disposal, without any further notice, on November 11, 2008. This includes any samples that were received with a request to be held but lacked a specific hold period. It is your responsibility to provide a written request defining a specific disposal date if additional storage is required. Upon receipt , the request will be acknowledged by PSS, thus extending the storage period.

This report shall not be reproduced except in full, without the written approval of an authorized PSS representative. A copy of this report will be retained by PSS for at least 10 years, after which time it will be disposed without further notice, unless prior arrangements have been made.

We thank you for selecting Phase Separation Science, Inc. to serve your analytical needs. If you have any questions concerning this report, do not hesitate to contact us at 410-747-8770 or info@phaseonline.com.

Dan Prucnal DP

Dan Prucnal
Laboratory Manager

Case Narrative Summary

Client Name: Envirotech Consultants LLC

Project Name: Transit Truck Stop

Project ID: N/A **Work Order Number: 8100704**

The following samples were received under chain of custody by Phase Separation Science (PSS) on 10/07/2008 at 01:24 pm

Lab Sample Id	Sample Id	Matrix	Date/Time Collected
8100704-001	GP-1 15'-17'	SOIL	10/03/2008 12:00 am
8100704-002	GP-2 15'-17'	SOIL	10/03/2008 12:00 am
8100704-003	GP-3 10'-15'	SOIL	10/03/2008 12:00 am
8100704-004	GP-4 0'-5'	SOIL	10/03/2008 12:00 am
8100704-005	GP-5 10'-12'	SOIL	10/03/2008 12:00 am
8100704-006	GP-6 15'-19'	SOIL	10/03/2008 12:00 am
8100704-007	GP-7 10'-14'	SOIL	10/03/2008 12:00 am
8100704-008	GP-8 0'-5'	SOIL	10/06/2008 12:00 am
8100704-009	GP-9 5'-10'	SOIL	10/06/2008 12:00 am
8100704-010	GP-10 5'-10'	SOIL	10/06/2008 12:00 am
8100704-011	GP-11 6'-10'	SOIL	10/06/2008 12:00 am

Please reference the Chain of Custody and Sample Receipt Checklist for specific container counts and preservatives. Any sample conditions not in compliance with sample acceptance criteria are described in the Sample Receipt Checklist.

Any holding time exceedances, deviations from the method specifications, regulatory requirements or variations to the procedures outlined in the PSS Quality Assurance Manual are outlined below.

Notes:

1. The presence of common laboratory contaminants such as acetone, methylene chloride and phthalates, may be considered a possible laboratory artifact. Where observed, appropriate consideration of data should be taken.
2. The following analytical results are never reported on a dry weight basis: pH, flashpoint, moisture and paint filter test.

Standard Flags/Abbreviations:

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
C Results Pending Final Confirmation.
D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
J The target analyte was positively identified below the reporting limit but greater than one-half of the reporting limit.
ND Not Detected at or above the reporting limit.
RL Reporting Limit.
U Not detected.

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-1 15'-17' **Date/Time Sampled: 10/03/2008 00:00** **PSS Sample ID: 8100704-001**
Matrix: SOIL **Date/Time Received: 10/07/2008 13:24** **% Solids: 87**

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015B — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/kg	110		1	10/08/08	10/08/08 17:55	1035

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/kg	11		1	10/08/08	10/08/08 12:00	1040

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CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-1 15'-17' **Date/Time Sampled: 10/03/2008 00:00** **PSS Sample ID: 8100704-001**
Matrix: SOIL **Date/Time Received: 10/07/2008 13:24** **% Solids: 87**

TCL Volatiles plus Oxygenates — Analytical Method: SW846 8260B — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
Chloromethane	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
Vinyl Chloride	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
tert-Butyl alcohol	ND	ug/kg	46		1	10/08/08	10/08/08 15:25	1035
Bromomethane	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
Chloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
Acetone	ND	ug/kg	23		1	10/08/08	10/08/08 15:25	1035
Cyclohexane	ND	ug/kg	23		1	10/08/08	10/08/08 15:25	1035
Trichlorofluoromethane	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
1,1-Dichloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
Methylene Chloride	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
trans-1,2-Dichloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
Methyl-t-butyl ether	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
1,1-Dichloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
2-Butanone (MEK)	ND	ug/kg	23		1	10/08/08	10/08/08 15:25	1035
cis-1,2-Dichloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
Chloroform	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
1,1,1-Trichloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
1,2-Dichloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
Carbon Tetrachloride	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
Benzene	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
Dibromomethane	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
1,2-Dichloropropane	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
Carbon Disulfide	ND	ug/kg	11		1	10/08/08	10/08/08 15:25	1035
Trichloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
Bromodichloromethane	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
cis-1,3-Dichloropropene	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
4-Methyl-2-Pentanone	ND	ug/kg	23		1	10/08/08	10/08/08 15:25	1035
trans-1,3-Dichloropropene	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-1 15'-17' **Date/Time Sampled: 10/03/2008 00:00** **PSS Sample ID: 8100704-001**
Matrix: SOIL **Date/Time Received: 10/07/2008 13:24** **% Solids: 87**

TCL Volatiles plus Oxygenates

Analytical Method: SW846 8260B

Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
Toluene	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
2-Hexanone	ND	ug/kg	23		1	10/08/08	10/08/08 15:25	1035
1,2-Dibromoethane (EDB)	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
Dibromochloromethane	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
tert-Butyl ethyl ether	ND	ug/kg	11		1	10/08/08	10/08/08 15:25	1035
tert-Amyl methyl ether	ND	ug/kg	46		1	10/08/08	10/08/08 15:25	1035
Diisopropyl ether	ND	ug/kg	11		1	10/08/08	10/08/08 15:25	1035
tert-Amyl ethyl ether	ND	ug/kg	46		1	10/08/08	10/08/08 15:25	1035
tert-Amyl alcohol	ND	ug/kg	46		1	10/08/08	10/08/08 15:25	1035
Bromoform	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
Tetrachloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
Chlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
Ethylbenzene	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
m,p-Xylenes	ND	ug/kg	11		1	10/08/08	10/08/08 15:25	1035
Styrene	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
1,1,2,2-Tetrachloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
o-Xylene	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
Isopropylbenzene	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
1,3-Dichlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
1,4-Dichlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
1,2-Dichlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
1,2-Dibromo-3-Chloropropane	ND	ug/kg	46		1	10/08/08	10/08/08 15:25	1035
1,2,4-Trichlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035
Naphthalene	ND	ug/kg	6		1	10/08/08	10/08/08 15:25	1035

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CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-2 15'-17' **Date/Time Sampled: 10/03/2008 00:00** **PSS Sample ID: 8100704-002**
Matrix: SOIL **Date/Time Received: 10/07/2008 13:24** **% Solids: 87**

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015B — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**3,400**	ug/kg	110		1	10/08/08	10/08/08 18:25	1035

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/kg	11		1	10/08/08	10/09/08 18:40	1040

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Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-2 15'-17' | **Date/Time Sampled: 10/03/2008 00:00** | **PSS Sample ID: 8100704-002**
Matrix: SOIL | **Date/Time Received: 10/07/2008 13:24** | **% Solids: 87**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
Chloromethane	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
Vinyl Chloride	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
tert-Butyl alcohol	ND	ug/kg	46		1	10/08/08	10/08/08 15:53	1035
Bromomethane	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
Chloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
Acetone	ND	ug/kg	23		1	10/08/08	10/08/08 15:53	1035
Cyclohexane	ND	ug/kg	23		1	10/08/08	10/08/08 15:53	1035
Trichlorofluoromethane	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
1,1-Dichloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
Methylene Chloride	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
trans-1,2-Dichloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
Methyl-t-butyl ether	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
1,1-Dichloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
2-Butanone (MEK)	ND	ug/kg	23		1	10/08/08	10/08/08 15:53	1035
cis-1,2-Dichloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
Chloroform	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
1,1,1-Trichloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
1,2-Dichloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
Carbon Tetrachloride	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
Benzene	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
Dibromomethane	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
1,2-Dichloropropane	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
Carbon Disulfide	ND	ug/kg	12		1	10/08/08	10/08/08 15:53	1035
Trichloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
Bromodichloromethane	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
cis-1,3-Dichloropropene	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
4-Methyl-2-Pentanone	ND	ug/kg	23		1	10/08/08	10/08/08 15:53	1035
trans-1,3-Dichloropropene	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-2 15'-17' | **Date/Time Sampled: 10/03/2008 00:00** | **PSS Sample ID: 8100704-002**
Matrix: SOIL | **Date/Time Received: 10/07/2008 13:24** | **% Solids: 87**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
Toluene	**53**	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
2-Hexanone	ND	ug/kg	23		1	10/08/08	10/08/08 15:53	1035
1,2-Dibromoethane (EDB)	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
Dibromochloromethane	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
tert-Butyl ethyl ether	ND	ug/kg	12		1	10/08/08	10/08/08 15:53	1035
tert-Amyl methyl ether	ND	ug/kg	46		1	10/08/08	10/08/08 15:53	1035
Diisopropyl ether	ND	ug/kg	12		1	10/08/08	10/08/08 15:53	1035
tert-Amyl ethyl ether	ND	ug/kg	46		1	10/08/08	10/08/08 15:53	1035
tert-Amyl alcohol	**170**	ug/kg	46		1	10/08/08	10/08/08 15:53	1035
Bromoform	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
Tetrachloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
Chlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
Ethylbenzene	**49**	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
m,p-Xylenes	**240**	ug/kg	12		1	10/08/08	10/08/08 15:53	1035
Styrene	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
1,1,2,2-Tetrachloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
o-Xylene	**140**	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
Isopropylbenzene	**10**	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
1,3-Dichlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
1,4-Dichlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
1,2-Dichlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
1,2-Dibromo-3-Chloropropane	ND	ug/kg	46		1	10/08/08	10/08/08 15:53	1035
1,2,4-Trichlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 15:53	1035
Naphthalene	**42**	ug/kg	6		1	10/08/08	10/08/08 15:53	1035

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CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-3 10'-15' **Date/Time Sampled: 10/03/2008 00:00** **PSS Sample ID: 8100704-003**
Matrix: SOIL **Date/Time Received: 10/07/2008 13:24** **% Solids: 79**

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015B — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**6,000**	ug/kg	130		1	10/08/08	10/08/08 18:56	1035

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/kg	12		1	10/08/08	10/09/08 14:58	1040

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CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-3 10'-15' **Date/Time Sampled: 10/03/2008 00:00** **PSS Sample ID: 8100704-003**
Matrix: SOIL **Date/Time Received: 10/07/2008 13:24** **% Solids: 79**

TCL Volatiles plus Oxygenates — Analytical Method: SW846 8260B — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
Chloromethane	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
Vinyl Chloride	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
tert-Butyl alcohol	ND	ug/kg	50		1	10/08/08	10/08/08 16:22	1035
Bromomethane	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
Chloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
Acetone	ND	ug/kg	25		1	10/08/08	10/08/08 16:22	1035
Cyclohexane	ND	ug/kg	25		1	10/08/08	10/08/08 16:22	1035
Trichlorofluoromethane	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
1,1-Dichloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
Methylene Chloride	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
trans-1,2-Dichloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
Methyl-t-butyl ether	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
1,1-Dichloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
2-Butanone (MEK)	ND	ug/kg	25		1	10/08/08	10/08/08 16:22	1035
cis-1,2-Dichloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
Chloroform	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
1,1,1-Trichloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
1,2-Dichloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
Carbon Tetrachloride	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
Benzene	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
Dibromomethane	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
1,2-Dichloropropane	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
Carbon Disulfide	ND	ug/kg	12		1	10/08/08	10/08/08 16:22	1035
Trichloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
Bromodichloromethane	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
cis-1,3-Dichloropropene	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
4-Methyl-2-Pentanone	ND	ug/kg	25		1	10/08/08	10/08/08 16:22	1035
trans-1,3-Dichloropropene	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-3 10'-15' **Date/Time Sampled: 10/03/2008 00:00** **PSS Sample ID: 8100704-003**
Matrix: SOIL **Date/Time Received: 10/07/2008 13:24** **% Solids: 79**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
Toluene	**9**	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
2-Hexanone	ND	ug/kg	25		1	10/08/08	10/08/08 16:22	1035
1,2-Dibromoethane (EDB)	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
Dibromochloromethane	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
tert-Butyl ethyl ether	ND	ug/kg	12		1	10/08/08	10/08/08 16:22	1035
tert-Amyl methyl ether	ND	ug/kg	50		1	10/08/08	10/08/08 16:22	1035
Diisopropyl ether	ND	ug/kg	12		1	10/08/08	10/08/08 16:22	1035
tert-Amyl ethyl ether	ND	ug/kg	50		1	10/08/08	10/08/08 16:22	1035
tert-Amyl alcohol	ND	ug/kg	50		1	10/08/08	10/08/08 16:22	1035
Bromoform	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
Tetrachloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
Chlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
Ethylbenzene	**71**	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
m,p-Xylenes	**310**	ug/kg	12		1	10/08/08	10/08/08 16:22	1035
Styrene	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
1,1,2,2-Tetrachloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
o-Xylene	**130**	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
Isopropylbenzene	**29**	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
1,3-Dichlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
1,4-Dichlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
1,2-Dichlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
1,2-Dibromo-3-Chloropropane	ND	ug/kg	50		1	10/08/08	10/08/08 16:22	1035
1,2,4-Trichlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 16:22	1035
Naphthalene	**92**	ug/kg	6		1	10/08/08	10/08/08 16:22	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-4 0'-5' **Date/Time Sampled: 10/03/2008 00:00** **PSS Sample ID: 8100704-004**
Matrix: SOIL **Date/Time Received: 10/07/2008 13:24** **% Solids: 90**

Total Petroleum Hydrocarbons-GRO Analytical Method: SW846 8015B Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**810**	ug/kg	110		1	10/08/08	10/08/08 19:26	1035

Total Petroleum Hydrocarbons - DRO Analytical Method: SW846 8015C Preparation Method: SW846 3550

DF/HF - No. 2/diesel fuel and heavier fuel/oil patterns observed in sample.

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**13**	mg/kg	11	DF	1	10/08/08	10/09/08 18:40	1040

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-4 0'-5' **Date/Time Sampled: 10/03/2008 00:00** **PSS Sample ID: 8100704-004**
Matrix: SOIL **Date/Time Received: 10/07/2008 13:24** **% Solids: 90**

TCL Volatiles plus Oxygenates — Analytical Method: SW846 8260B — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
Chloromethane	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
Vinyl Chloride	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
tert-Butyl alcohol	ND	ug/kg	44		1	10/08/08	10/08/08 16:51	1035
Bromomethane	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
Chloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
Acetone	**34**	ug/kg	22		1	10/08/08	10/08/08 16:51	1035
Cyclohexane	ND	ug/kg	22		1	10/08/08	10/08/08 16:51	1035
Trichlorofluoromethane	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
1,1-Dichloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
Methylene Chloride	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
trans-1,2-Dichloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
Methyl-t-butyl ether	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
1,1-Dichloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
2-Butanone (MEK)	ND	ug/kg	22		1	10/08/08	10/08/08 16:51	1035
cis-1,2-Dichloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
Chloroform	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
1,1,1-Trichloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
1,2-Dichloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
Carbon Tetrachloride	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
Benzene	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
Dibromomethane	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
1,2-Dichloropropane	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
Carbon Disulfide	ND	ug/kg	11		1	10/08/08	10/08/08 16:51	1035
Trichloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
Bromodichloromethane	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
cis-1,3-Dichloropropene	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
4-Methyl-2-Pentanone	ND	ug/kg	22		1	10/08/08	10/08/08 16:51	1035
trans-1,3-Dichloropropene	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-4 0'-5' | **Date/Time Sampled: 10/03/2008 00:00** | **PSS Sample ID: 8100704-004**
Matrix: SOIL | **Date/Time Received: 10/07/2008 13:24** | **% Solids: 90**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
Toluene	**6**	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
2-Hexanone	ND	ug/kg	22		1	10/08/08	10/08/08 16:51	1035
1,2-Dibromoethane (EDB)	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
Dibromochloromethane	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
tert-Butyl ethyl ether	ND	ug/kg	11		1	10/08/08	10/08/08 16:51	1035
tert-Amyl methyl ether	ND	ug/kg	44		1	10/08/08	10/08/08 16:51	1035
Diisopropyl ether	ND	ug/kg	11		1	10/08/08	10/08/08 16:51	1035
tert-Amyl ethyl ether	ND	ug/kg	44		1	10/08/08	10/08/08 16:51	1035
tert-Amyl alcohol	ND	ug/kg	44		1	10/08/08	10/08/08 16:51	1035
Bromoform	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
Tetrachloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
Chlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
Ethylbenzene	**9**	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
m,p-Xylenes	**28**	ug/kg	11		1	10/08/08	10/08/08 16:51	1035
Styrene	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
1,1,2,2-Tetrachloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
o-Xylene	**13**	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
Isopropylbenzene	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
1,3-Dichlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
1,4-Dichlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
1,2-Dichlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
1,2-Dibromo-3-Chloropropane	ND	ug/kg	44		1	10/08/08	10/08/08 16:51	1035
1,2,4-Trichlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 16:51	1035
Naphthalene	**20**	ug/kg	6		1	10/08/08	10/08/08 16:51	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-5 10'-12' **Date/Time Sampled: 10/03/2008 00:00** **PSS Sample ID: 8100704-005**
Matrix: SOIL **Date/Time Received: 10/07/2008 13:24** **% Solids: 88**

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015B — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**1,200**	ug/kg	110		1	10/08/08	10/08/08 23:56	1035

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**140**	mg/kg	11		1	10/08/08	10/09/08 15:41	1040

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CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-5 10'-12' | **Date/Time Sampled: 10/03/2008 00:00** | **PSS Sample ID: 8100704-005**
Matrix: SOIL | **Date/Time Received: 10/07/2008 13:24** | **% Solids: 88**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
Chloromethane	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
Vinyl Chloride	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
tert-Butyl alcohol	ND	ug/kg	45		1	10/08/08	10/08/08 17:19	1035
Bromomethane	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
Chloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
Acetone	ND	ug/kg	23		1	10/08/08	10/08/08 17:19	1035
Cyclohexane	ND	ug/kg	23		1	10/08/08	10/08/08 17:19	1035
Trichlorofluoromethane	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
1,1-Dichloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
Methylene Chloride	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
trans-1,2-Dichloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
Methyl-t-butyl ether	**6**	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
1,1-Dichloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
2-Butanone (MEK)	ND	ug/kg	23		1	10/08/08	10/08/08 17:19	1035
cis-1,2-Dichloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
Chloroform	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
1,1,1-Trichloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
1,2-Dichloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
Carbon Tetrachloride	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
Benzene	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
Dibromomethane	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
1,2-Dichloropropane	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
Carbon Disulfide	ND	ug/kg	11		1	10/08/08	10/08/08 17:19	1035
Trichloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
Bromodichloromethane	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
cis-1,3-Dichloropropene	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
4-Methyl-2-Pentanone	ND	ug/kg	23		1	10/08/08	10/08/08 17:19	1035
trans-1,3-Dichloropropene	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-5 10'-12' | **Date/Time Sampled: 10/03/2008 00:00** | **PSS Sample ID: 8100704-005**
Matrix: SOIL | **Date/Time Received: 10/07/2008 13:24** | **% Solids: 88**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
Toluene	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
2-Hexanone	ND	ug/kg	23		1	10/08/08	10/08/08 17:19	1035
1,2-Dibromoethane (EDB)	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
Dibromochloromethane	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
tert-Butyl ethyl ether	ND	ug/kg	11		1	10/08/08	10/08/08 17:19	1035
tert-Amyl methyl ether	ND	ug/kg	45		1	10/08/08	10/08/08 17:19	1035
Diisopropyl ether	ND	ug/kg	11		1	10/08/08	10/08/08 17:19	1035
tert-Amyl ethyl ether	ND	ug/kg	45		1	10/08/08	10/08/08 17:19	1035
tert-Amyl alcohol	**340**	ug/kg	45		1	10/08/08	10/08/08 17:19	1035
Bromoform	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
Tetrachloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
Chlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
Ethylbenzene	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
m,p-Xylenes	ND	ug/kg	11		1	10/08/08	10/08/08 17:19	1035
Styrene	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
1,1,2,2-Tetrachloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
o-Xylene	**7**	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
Isopropylbenzene	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
1,3-Dichlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
1,4-Dichlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
1,2-Dichlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
1,2-Dibromo-3-Chloropropane	ND	ug/kg	45		1	10/08/08	10/08/08 17:19	1035
1,2,4-Trichlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 17:19	1035
Naphthalene	**42**	ug/kg	6		1	10/08/08	10/08/08 17:19	1035

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CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-6 15'-19' **Date/Time Sampled: 10/03/2008 00:00** **PSS Sample ID: 8100704-006**
Matrix: SOIL **Date/Time Received: 10/07/2008 13:24** **% Solids: 84**

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015B — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**22,000**	ug/kg	120		1	10/08/08	10/09/08 00:26	1035

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**3,800**	mg/kg	240		20	10/08/08	10/10/08 17:24	1040

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CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-6 15'-19' **Date/Time Sampled: 10/03/2008 00:00** **PSS Sample ID: 8100704-006**
Matrix: SOIL **Date/Time Received: 10/07/2008 13:24** **% Solids: 84**

TCL Volatiles plus Oxygenates — Analytical Method: SW846 8260B — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
Chloromethane	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
Vinyl Chloride	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
tert-Butyl alcohol	ND	ug/kg	46		1	10/08/08	10/08/08 17:48	1035
Bromomethane	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
Chloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
Acetone	ND	ug/kg	23		1	10/08/08	10/08/08 17:48	1035
Cyclohexane	ND	ug/kg	23		1	10/08/08	10/08/08 17:48	1035
Trichlorofluoromethane	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
1,1-Dichloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
Methylene Chloride	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
trans-1,2-Dichloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
Methyl-t-butyl ether	9	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
1,1-Dichloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
2-Butanone (MEK)	ND	ug/kg	23		1	10/08/08	10/08/08 17:48	1035
cis-1,2-Dichloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
Chloroform	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
1,1,1-Trichloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
1,2-Dichloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
Carbon Tetrachloride	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
Benzene	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
Dibromomethane	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
1,2-Dichloropropane	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
Carbon Disulfide	ND	ug/kg	12		1	10/08/08	10/08/08 17:48	1035
Trichloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
Bromodichloromethane	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
cis-1,3-Dichloropropene	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
4-Methyl-2-Pentanone	ND	ug/kg	23		1	10/08/08	10/08/08 17:48	1035
trans-1,3-Dichloropropene	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-6 15'-19' **Date/Time Sampled: 10/03/2008 00:00** **PSS Sample ID: 8100704-006**
Matrix: SOIL **Date/Time Received: 10/07/2008 13:24** **% Solids: 84**

TCL Volatiles plus Oxygenates — Analytical Method: SW846 8260B — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
Toluene	**86**	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
2-Hexanone	ND	ug/kg	23		1	10/08/08	10/08/08 17:48	1035
1,2-Dibromoethane (EDB)	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
Dibromochloromethane	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
tert-Butyl ethyl ether	ND	ug/kg	12		1	10/08/08	10/08/08 17:48	1035
tert-Amyl methyl ether	ND	ug/kg	46		1	10/08/08	10/08/08 17:48	1035
Diisopropyl ether	ND	ug/kg	12		1	10/08/08	10/08/08 17:48	1035
tert-Amyl ethyl ether	ND	ug/kg	46		1	10/08/08	10/08/08 17:48	1035
tert-Amyl alcohol	ND	ug/kg	46		1	10/08/08	10/08/08 17:48	1035
Bromoform	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
Tetrachloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
Chlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
Ethylbenzene	**170**	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
m,p-Xylenes	**550**	ug/kg	12		1	10/08/08	10/08/08 17:48	1035
Styrene	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
1,1,2,2-Tetrachloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
o-Xylene	**310**	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
Isopropylbenzene	**62**	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
1,3-Dichlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
1,4-Dichlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
1,2-Dichlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
1,2-Dibromo-3-Chloropropane	ND	ug/kg	46		1	10/08/08	10/08/08 17:48	1035
1,2,4-Trichlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 17:48	1035
Naphthalene	**1,700**	ug/kg	59		10	10/08/08	10/09/08 19:21	1035

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CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-7 10'-14' **Date/Time Sampled: 10/03/2008 00:00** **PSS Sample ID: 8100704-007**
Matrix: SOIL **Date/Time Received: 10/07/2008 13:24** **% Solids: 85**

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015B — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**11,000**	ug/kg	110		1	10/08/08	10/09/08 00:56	1035

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**2,000**	mg/kg	230		20	10/08/08	10/10/08 17:24	1040

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CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-7 10'-14' **Date/Time Sampled: 10/03/2008 00:00** **PSS Sample ID: 8100704-007**
Matrix: SOIL **Date/Time Received: 10/07/2008 13:24** **% Solids: 85**

TCL Volatiles plus Oxygenates — Analytical Method: SW846 8260B — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
Chloromethane	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
Vinyl Chloride	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
tert-Butyl alcohol	ND	ug/kg	47		1	10/08/08	10/08/08 18:17	1035
Bromomethane	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
Chloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
Acetone	**54**	ug/kg	24		1	10/08/08	10/08/08 18:17	1035
Cyclohexane	ND	ug/kg	24		1	10/08/08	10/08/08 18:17	1035
Trichlorofluoromethane	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
1,1-Dichloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
Methylene Chloride	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
trans-1,2-Dichloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
Methyl-t-butyl ether	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
1,1-Dichloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
2-Butanone (MEK)	ND	ug/kg	24		1	10/08/08	10/08/08 18:17	1035
cis-1,2-Dichloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
Chloroform	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
1,1,1-Trichloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
1,2-Dichloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
Carbon Tetrachloride	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
Benzene	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
Dibromomethane	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
1,2-Dichloropropane	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
Carbon Disulfide	ND	ug/kg	12		1	10/08/08	10/08/08 18:17	1035
Trichloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
Bromodichloromethane	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
cis-1,3-Dichloropropene	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
4-Methyl-2-Pentanone	ND	ug/kg	24		1	10/08/08	10/08/08 18:17	1035
trans-1,3-Dichloropropene	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-7 10'-14' **Date/Time Sampled: 10/03/2008 00:00** **PSS Sample ID: 8100704-007**
Matrix: SOIL **Date/Time Received: 10/07/2008 13:24** **% Solids: 85**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
Toluene	**8**	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
2-Hexanone	ND	ug/kg	24		1	10/08/08	10/08/08 18:17	1035
1,2-Dibromoethane (EDB)	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
Dibromochloromethane	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
tert-Butyl ethyl ether	ND	ug/kg	12		1	10/08/08	10/08/08 18:17	1035
tert-Amyl methyl ether	ND	ug/kg	47		1	10/08/08	10/08/08 18:17	1035
Diisopropyl ether	ND	ug/kg	12		1	10/08/08	10/08/08 18:17	1035
tert-Amyl ethyl ether	ND	ug/kg	47		1	10/08/08	10/08/08 18:17	1035
tert-Amyl alcohol	ND	ug/kg	47		1	10/08/08	10/08/08 18:17	1035
Bromoform	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
Tetrachloroethene	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
Chlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
Ethylbenzene	**150**	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
m,p-Xylenes	**270**	ug/kg	12		1	10/08/08	10/08/08 18:17	1035
Styrene	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
1,1,2,2-Tetrachloroethane	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
o-Xylene	**84**	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
Isopropylbenzene	**45**	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
1,3-Dichlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
1,4-Dichlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
1,2-Dichlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
1,2-Dibromo-3-Chloropropane	ND	ug/kg	47		1	10/08/08	10/08/08 18:17	1035
1,2,4-Trichlorobenzene	ND	ug/kg	6		1	10/08/08	10/08/08 18:17	1035
Naphthalene	**810**	ug/kg	59		10	10/08/08	10/09/08 19:50	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-8 0'-5' | **Date/Time Sampled: 10/06/2008 00:00** | **PSS Sample ID: 8100704-008**
Matrix: SOIL | **Date/Time Received: 10/07/2008 13:24** | **% Solids: 90**

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015B — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**1,600**	ug/kg	110		1	10/09/08	10/09/08 15:30	1035

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**250**	mg/kg	110		10	10/08/08	10/10/08 10:04	1040

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-8 0'-5' **Date/Time Sampled: 10/06/2008 00:00** **PSS Sample ID: 8100704-008**
Matrix: SOIL **Date/Time Received: 10/07/2008 13:24** **% Solids: 90**

TCL Volatiles plus Oxygenates — Analytical Method: SW846 8260B — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
Chloromethane	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
Vinyl Chloride	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
tert-Butyl alcohol	ND	ug/kg	44		1	10/08/08	10/08/08 18:45	1035
Bromomethane	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
Chloroethane	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
Acetone	ND	ug/kg	22		1	10/08/08	10/08/08 18:45	1035
Cyclohexane	ND	ug/kg	22		1	10/08/08	10/08/08 18:45	1035
Trichlorofluoromethane	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
1,1-Dichloroethene	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
Methylene Chloride	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
trans-1,2-Dichloroethene	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
Methyl-t-butyl ether	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
1,1-Dichloroethane	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
2-Butanone (MEK)	ND	ug/kg	22		1	10/08/08	10/08/08 18:45	1035
cis-1,2-Dichloroethene	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
Chloroform	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
1,1,1-Trichloroethane	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
1,2-Dichloroethane	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
Carbon Tetrachloride	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
Benzene	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
Dibromomethane	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
1,2-Dichloropropane	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
Carbon Disulfide	ND	ug/kg	11		1	10/08/08	10/08/08 18:45	1035
Trichloroethene	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
Bromodichloromethane	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
cis-1,3-Dichloropropene	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
4-Methyl-2-Pentanone	ND	ug/kg	22		1	10/08/08	10/08/08 18:45	1035
trans-1,3-Dichloropropene	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-8 0'-5' | **Date/Time Sampled: 10/06/2008 00:00** | **PSS Sample ID: 8100704-008**
Matrix: SOIL | **Date/Time Received: 10/07/2008 13:24** | **% Solids: 90**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
Toluene	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
2-Hexanone	ND	ug/kg	22		1	10/08/08	10/08/08 18:45	1035
1,2-Dibromoethane (EDB)	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
Dibromochloromethane	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
tert-Butyl ethyl ether	ND	ug/kg	11		1	10/08/08	10/08/08 18:45	1035
tert-Amyl methyl ether	ND	ug/kg	44		1	10/08/08	10/08/08 18:45	1035
Diisopropyl ether	ND	ug/kg	11		1	10/08/08	10/08/08 18:45	1035
tert-Amyl ethyl ether	ND	ug/kg	44		1	10/08/08	10/08/08 18:45	1035
tert-Amyl alcohol	ND	ug/kg	44		1	10/08/08	10/08/08 18:45	1035
Bromoform	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
Tetrachloroethene	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
Chlorobenzene	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
Ethylbenzene	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
m,p-Xylenes	ND	ug/kg	11		1	10/08/08	10/08/08 18:45	1035
Styrene	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
1,1,2,2-Tetrachloroethane	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
o-Xylene	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
Isopropylbenzene	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
1,3-Dichlorobenzene	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
1,4-Dichlorobenzene	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
1,2-Dichlorobenzene	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
1,2-Dibromo-3-Chloropropane	ND	ug/kg	44		1	10/08/08	10/08/08 18:45	1035
1,2,4-Trichlorobenzene	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035
Naphthalene	ND	ug/kg	5		1	10/08/08	10/08/08 18:45	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-9 5'-10' **Date/Time Sampled: 10/06/2008 00:00** **PSS Sample ID: 8100704-009**
Matrix: SOIL **Date/Time Received: 10/07/2008 13:24** **% Solids: 89**

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015B — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**130**	ug/kg	110		1	10/08/08	10/09/08 01:57	1035

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/kg	11		1	10/08/08	10/09/08 17:35	1040

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CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-9 5'-10' **Date/Time Sampled: 10/06/2008 00:00** **PSS Sample ID: 8100704-009**
Matrix: SOIL **Date/Time Received: 10/07/2008 13:24** **% Solids: 89**

TCL Volatiles plus Oxygenates — Analytical Method: SW846 8260B — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
Chloromethane	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
Vinyl Chloride	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
tert-Butyl alcohol	ND	ug/kg	44		1	10/09/08	10/09/08 20:18	1035
Bromomethane	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
Chloroethane	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
Acetone	ND	ug/kg	22		1	10/09/08	10/09/08 20:18	1035
Cyclohexane	ND	ug/kg	22		1	10/09/08	10/09/08 20:18	1035
Trichlorofluoromethane	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
1,1-Dichloroethene	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
Methylene Chloride	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
trans-1,2-Dichloroethene	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
Methyl-t-butyl ether	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
1,1-Dichloroethane	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
2-Butanone (MEK)	ND	ug/kg	22		1	10/09/08	10/09/08 20:18	1035
cis-1,2-Dichloroethene	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
Chloroform	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
1,1,1-Trichloroethane	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
1,2-Dichloroethane	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
Carbon Tetrachloride	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
Benzene	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
Dibromomethane	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
1,2-Dichloropropane	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
Carbon Disulfide	ND	ug/kg	11		1	10/09/08	10/09/08 20:18	1035
Trichloroethene	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
Bromodichloromethane	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
cis-1,3-Dichloropropene	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
4-Methyl-2-Pentanone	ND	ug/kg	22		1	10/09/08	10/09/08 20:18	1035
trans-1,3-Dichloropropene	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-9 5'-10' **Date/Time Sampled: 10/06/2008 00:00** **PSS Sample ID: 8100704-009**
Matrix: SOIL **Date/Time Received: 10/07/2008 13:24** **% Solids: 89**

TCL Volatiles plus Oxygenates — Analytical Method: SW846 8260B — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
Toluene	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
2-Hexanone	ND	ug/kg	22		1	10/09/08	10/09/08 20:18	1035
1,2-Dibromoethane (EDB)	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
Dibromochloromethane	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
tert-Butyl ethyl ether	ND	ug/kg	11		1	10/09/08	10/09/08 20:18	1035
tert-Amyl methyl ether	ND	ug/kg	44		1	10/09/08	10/09/08 20:18	1035
Diisopropyl ether	ND	ug/kg	11		1	10/09/08	10/09/08 20:18	1035
tert-Amyl ethyl ether	ND	ug/kg	44		1	10/09/08	10/09/08 20:18	1035
tert-Amyl alcohol	ND	ug/kg	44		1	10/09/08	10/09/08 20:18	1035
Bromoform	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
Tetrachloroethene	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
Chlorobenzene	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
Ethylbenzene	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
m,p-Xylenes	ND	ug/kg	11		1	10/09/08	10/09/08 20:18	1035
Styrene	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
1,1,2,2-Tetrachloroethane	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
o-Xylene	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
Isopropylbenzene	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
1,3-Dichlorobenzene	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
1,4-Dichlorobenzene	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
1,2-Dichlorobenzene	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
1,2-Dibromo-3-Chloropropane	ND	ug/kg	44		1	10/09/08	10/09/08 20:18	1035
1,2,4-Trichlorobenzene	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035
Naphthalene	ND	ug/kg	6		1	10/09/08	10/09/08 20:18	1035

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CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-10 5'-10' **Date/Time Sampled: 10/06/2008 00:00** **PSS Sample ID: 8100704-010**
Matrix: SOIL **Date/Time Received: 10/07/2008 13:24** **% Solids: 91**

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015B — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**830**	ug/kg	110		1	10/08/08	10/09/08 02:26	1035

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**78**	mg/kg	11		1	10/08/08	10/09/08 17:35	1040

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No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-10 5'-10' **Date/Time Sampled: 10/06/2008 00:00** **PSS Sample ID: 8100704-010**
Matrix: SOIL **Date/Time Received: 10/07/2008 13:24** **% Solids: 91**

TCL Volatiles plus Oxygenates — Analytical Method: SW846 8260B — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
Chloromethane	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
Vinyl Chloride	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
tert-Butyl alcohol	ND	ug/kg	43		1	10/08/08	10/09/08 00:58	1035
Bromomethane	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
Chloroethane	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
Acetone	**22**	ug/kg	22		1	10/08/08	10/09/08 00:58	1035
Cyclohexane	ND	ug/kg	22		1	10/08/08	10/09/08 00:58	1035
Trichlorofluoromethane	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
1,1-Dichloroethene	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
Methylene Chloride	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
trans-1,2-Dichloroethene	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
Methyl-t-butyl ether	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
1,1-Dichloroethane	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
2-Butanone (MEK)	ND	ug/kg	22		1	10/08/08	10/09/08 00:58	1035
cis-1,2-Dichloroethene	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
Chloroform	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
1,1,1-Trichloroethane	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
1,2-Dichloroethane	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
Carbon Tetrachloride	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
Benzene	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
Dibromomethane	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
1,2-Dichloropropane	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
Carbon Disulfide	ND	ug/kg	11		1	10/08/08	10/09/08 00:58	1035
Trichloroethene	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
Bromodichloromethane	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
cis-1,3-Dichloropropene	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
4-Methyl-2-Pentanone	ND	ug/kg	22		1	10/08/08	10/09/08 00:58	1035
trans-1,3-Dichloropropene	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-10 5'-10' **Date/Time Sampled: 10/06/2008 00:00** **PSS Sample ID: 8100704-010**
Matrix: SOIL **Date/Time Received: 10/07/2008 13:24** **% Solids: 91**

TCL Volatiles plus Oxygenates — Analytical Method: SW846 8260B — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
Toluene	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
2-Hexanone	ND	ug/kg	22		1	10/08/08	10/09/08 00:58	1035
1,2-Dibromoethane (EDB)	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
Dibromochloromethane	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
tert-Butyl ethyl ether	ND	ug/kg	11		1	10/08/08	10/09/08 00:58	1035
tert-Amyl methyl ether	ND	ug/kg	43		1	10/08/08	10/09/08 00:58	1035
Diisopropyl ether	ND	ug/kg	11		1	10/08/08	10/09/08 00:58	1035
tert-Amyl ethyl ether	ND	ug/kg	43		1	10/08/08	10/09/08 00:58	1035
tert-Amyl alcohol	ND	ug/kg	43		1	10/08/08	10/09/08 00:58	1035
Bromoform	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
Tetrachloroethene	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
Chlorobenzene	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
Ethylbenzene	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
m,p-Xylenes	ND	ug/kg	11		1	10/08/08	10/09/08 00:58	1035
Styrene	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
1,1,2,2-Tetrachloroethane	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
o-Xylene	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
Isopropylbenzene	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
1,3-Dichlorobenzene	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
1,4-Dichlorobenzene	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
1,2-Dichlorobenzene	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
1,2-Dibromo-3-Chloropropane	ND	ug/kg	43		1	10/08/08	10/09/08 00:58	1035
1,2,4-Trichlorobenzene	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035
Naphthalene	ND	ug/kg	5		1	10/08/08	10/09/08 00:58	1035

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CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-11 6'-10' **Date/Time Sampled: 10/06/2008 00:00** **PSS Sample ID: 8100704-011**
Matrix: SOIL **Date/Time Received: 10/07/2008 13:24** **% Solids: 88**

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015B — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**18,000**	ug/kg	110		1	10/08/08	10/09/08 02:56	1035

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**1,800**	mg/kg	220		20	10/08/08	10/10/08 09:42	1040

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CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-11 6'-10' **Date/Time Sampled: 10/06/2008 00:00** **PSS Sample ID: 8100704-011**
Matrix: SOIL **Date/Time Received: 10/07/2008 13:24** **% Solids: 88**

TCL Volatiles plus Oxygenates — Analytical Method: SW846 8260B — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
Chloromethane	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
Vinyl Chloride	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
tert-Butyl alcohol	ND	ug/kg	44		1	10/08/08	10/09/08 01:27	1035
Bromomethane	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
Chloroethane	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
Acetone	ND	ug/kg	22		1	10/08/08	10/09/08 01:27	1035
Cyclohexane	ND	ug/kg	22		1	10/08/08	10/09/08 01:27	1035
Trichlorofluoromethane	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
1,1-Dichloroethene	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
Methylene Chloride	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
trans-1,2-Dichloroethene	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
Methyl-t-butyl ether	6	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
1,1-Dichloroethane	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
2-Butanone (MEK)	ND	ug/kg	22		1	10/08/08	10/09/08 01:27	1035
cis-1,2-Dichloroethene	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
Chloroform	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
1,1,1-Trichloroethane	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
1,2-Dichloroethane	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
Carbon Tetrachloride	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
Benzene	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
Dibromomethane	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
1,2-Dichloropropane	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
Carbon Disulfide	ND	ug/kg	11		1	10/08/08	10/09/08 01:27	1035
Trichloroethene	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
Bromodichloromethane	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
cis-1,3-Dichloropropene	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
4-Methyl-2-Pentanone	ND	ug/kg	22		1	10/08/08	10/09/08 01:27	1035
trans-1,3-Dichloropropene	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8100704

Envirotech Consultants LLC, Baltimore, MD

October 14, 2008

Project Name: Transit Truck Stop
Project Location: Millersville, MD

Sample ID: GP-11 6'-10' **Date/Time Sampled: 10/06/2008 00:00** **PSS Sample ID: 8100704-011**
Matrix: SOIL **Date/Time Received: 10/07/2008 13:24** **% Solids: 88**

TCL Volatiles plus Oxygenates — Analytical Method: SW846 8260B — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
Toluene	**17**	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
2-Hexanone	ND	ug/kg	22		1	10/08/08	10/09/08 01:27	1035
1,2-Dibromoethane (EDB)	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
Dibromochloromethane	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
tert-Butyl ethyl ether	ND	ug/kg	11		1	10/08/08	10/09/08 01:27	1035
tert-Amyl methyl ether	ND	ug/kg	44		1	10/08/08	10/09/08 01:27	1035
Diisopropyl ether	ND	ug/kg	11		1	10/08/08	10/09/08 01:27	1035
tert-Amyl ethyl ether	ND	ug/kg	44		1	10/08/08	10/09/08 01:27	1035
tert-Amyl alcohol	ND	ug/kg	44		1	10/08/08	10/09/08 01:27	1035
Bromoform	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
Tetrachloroethene	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
Chlorobenzene	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
Ethylbenzene	**99**	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
m,p-Xylenes	**190**	ug/kg	11		1	10/08/08	10/09/08 01:27	1035
Styrene	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
1,1,2,2-Tetrachloroethane	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
o-Xylene	**170**	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
Isopropylbenzene	**37**	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
1,3-Dichlorobenzene	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
1,4-Dichlorobenzene	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
1,2-Dichlorobenzene	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
1,2-Dibromo-3-Chloropropane	ND	ug/kg	44		1	10/08/08	10/09/08 01:27	1035
1,2,4-Trichlorobenzene	ND	ug/kg	6		1	10/08/08	10/09/08 01:27	1035
Naphthalene	**2,500**	ug/kg	57		10	10/08/08	10/13/08 22:44	1035

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

PSS Work Order #: 8100704 PAGE 1 OF 2

Matrix Codes:
SW=Surface Wtr DW=Drinking Wrt GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil WL=Waste Liquid WS=Waste Solid W= Wipe

(1)
CLIENT: EnviroTech OFFICE LOC.: Balt, MD
PROJECT MGR: Kip Kraus PHONE NO.: (410) 294-2069
EMAIL: KKraus@EnviroTech llc.com FAX NO.: ( )
PROJECT NAME: Transit Truck Stop PROJECT NO.:
SITE LOCATION: Millersville, MD P.O. NO.:
SAMPLERS: Kip Kraus

(2) (3) Analysis/Method Required: Full Suite VOCs 8260; TPH DRO/GRO 8015B

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	Full Suite VOCs 8260	TPH DRO/GRO 8015B											REMARKS
1	GP-1 15'-17'	10/3/08		S	2	G	✓	✓											
2	GP-2 15'-17'	↓		S	2	G	✓	✓											
3	GP-3 10'-15'	↓		S	2	G	✓	✓											
4	GP-4 0'-5'	↓		S	2	G	✓	✓											
5	GP-5 10'-12'	↓		S	2	G	✓	✓											
6	GP-6 15'-19'	↓		S	2	G	✓	✓											
7	GP-7 10'-14'	↓		S	2	G	✓	✓											
8	GP-8 0'-5'	10/6/08		S	2	G	✓	✓											
9	GP-9 5'-10'	↓		S	2	G	✓	✓											
10	GP-10 5'-10'	↓		S	2	G	✓	✓											

Preservatives Used:

(5)

Relinquished By:	Date	Time	Received By:
(1) [signature]	10/6/08	19:05	[signature]
(2) [signature]	10/7/08	13:24	[signature]
(3)			
(4)			

(4) **Requested Turnaround Time**
☑ 5-Day ☐ 3-Day ☐ 2-Day
☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required:

Special Instructions:

# of Coolers: 1
Custody Seal: ABS
Ice Present: YES Temp: 2°C
Shipping Carrier: CLIENT

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SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

(1)

CLIENT: Envirotech	OFFICE LOC. Balt, md
PROJECT MGR: Kip Kraus	PHONE NO.: (410) 294-2069
EMAIL: kkraus@envirotechllc.com	FAX NO.: ( )
PROJECT NAME: Travel T Truck Stop	PROJECT NO.:
SITE LOCATION: Millersville, md	P.O. NO.:
SAMPLERS: KK	

PSS Work Order #: 8100704 PAGE 2 OF 2

Matrix Codes:
SW=Surface Wtr DW=Drinking Wrt GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil WL=Waste Liquid WS=Waste Solid W= Wipe

(2) (3)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	Analysis/Method Required: Full Suite VOCs +oxy 8260	TPH GRO/DRO 8015B											REMARKS
11	GP-11 6'-10'	10/6/08		S	2	G													

Preservatives Used: (blank)

(5)

Relinquished By	Date	Time	Received By
Relinquished By: (1) [signature]	10/6/08	14:05	Received By: [signature]
Relinquished By: (2) [signature]	10/7/08	13:24	Received By: [signature]
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

Requested Turnaround Time

- [x] 5-Day
- [ ] 3-Day
- [ ] 2-Day
- [ ] Next Day
- [ ] Emergency
- [ ] Other

# of Coolers: 1
Custody Seal: ABS
Ice Present: PRES Temp: 2°c
Shipping Carrier: ~~DHL~~ CLIENT

Data Deliverables Required:

Special Instructions:

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The client (Client Name), by signing, or having client's agent sign, this "Sample Chain of Custody/Agreement Form", agrees to pay for the above requested services per the latest version of the Service Brochure or PSS-provided quotation including any and all attorney's or other reasonable fees if collection becomes necessary.

Phase Separation Science, Inc

Sample Receipt Checklist

Wo Number	8100704	**Received By**	Rachel Davis
Client Name	Envirotech Consultants LLC	**Date Received**	10/07/2008 01:24:00 PM
Project Name	Transit Truck Stop	**Delivered By**	Client
Project Number	N/A	**Tracking No**	Not Applicable
		Logged In By	Lynn Moran

Shipping Container(s)

No. of Coolers	1	Ice	Present
Custody Seals	Absent	Temp (deg C)	2
Seal Condition	None	Temp Blank Present	No

Documentation

COC agrees with sample labels? ✓ Yes or ____ No

Chain of Custody (COC) ✓ Yes or ____ No

Sample Container

Appropiate for Specified Analysis?	Yes ✓	No ____	Custody Seal(s)	Yes ____	No ✓
Intact?	✓	____	Custody Seal(s) Intact?	____	✓
Labeled and Labels Legible	✓	____	Seal(s) Signed / Dated	____	✓
Total No of Samples Received	11		Total No. of Containers Received	22	

Preservation

		Yes	No	N/A
Metals	(pH<2)	____	____	✓
Cyanides	(pH>12)	____	____	✓
Sulfide	(pH>9)	____	____	✓
TOC, COD, Phenols	(pH<2)	____	____	✓
TOX, TKN, NH3, Total Phos	(pH<2)	____	____	✓
VOC, BTEX (VOA Vials Rcvd Preserved)	(pH<2)	____	____	✓
Do VOA vials have zero headspace?		____	____	✓

Comments: (Any "No" response must be detailed in the comments section below.)

For any improper preservation conditions, list sample ID, preservative added (reagent ID number) below as well as documentation of any client notification as well as client instructions. Samples for pH, chlorine and dissolved oxygen should be analyzed as soon as possible, preferably in the field at the time of sampling.

Samples Inspected/Checklist Completed By: LM Date: 10/7/8

PM Review and Approval: AE Date: 10/8/08

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

1

CLIENT: EnviroTech — OFFICE LOC. Balt, MD

PROJECT MGR: Kip Kraus — PHONE NO.: (410) 294-2064

EMAIL: kkraus@envirotechllc.com — FAX NO.: ( )

PROJECT NAME: Transit Truck Stop — PROJECT NO.:

SITE LOCATION: Millersville, MD — P.O. NO.:

SAMPLERS: Kip Kraus

PSS Work Order #: 8100704 — PAGE 1 OF 2

Matrix Codes:
SW=Surface Wtr DW=Drinking Wrt GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil WL=Waste Liquid WS=Waste Solid W= Wipe

2 / **3**

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	Full Suite VOCs + Oxy 8260	TPH DRO/GRO 8015B										REMARKS
1	GP-1 15'-17'	10/3/08		S	2	G	✓	✓										
2	GP-2 15'-17'	↓		S	2	G	✓	✓										
3	GP-3 10'-15'			S	2	G	✓	✓										
4	GP-4 0'-5'			S	2	G	✓	✓										
5	GP-5 10'-12'			S	2	G	✓	✓										
6	GP-6 15'-19'			S	2	G	✓	✓										
7	GP-7 10'-14'	↓		S	2	G	✓	✓										
8	GP-8 0'-5'	10/6/08		S	2	G	✓	✓										
9	GP-9 5'-10'			S	2	G	✓	✓										
10	GP-10 5'-10'	↓		S	2	G	✓	✓										

Preservatives Used:

5

Relinquished By:	Date	Time	Received By:
(1) [signature]	10/6/08	19:05	[signature]
(2) [signature]	10/7/08	13:24	[signature]
(3)			
(4)			

4 Requested Turnaround Time

- [x] 5-Day
- [ ] 3-Day
- [ ] 2-Day
- [ ] Next Day
- [ ] Emergency
- [ ] Other

# of Coolers: 1

Custody Seal: ABS

Ice Present: PRES — Temp: 2°C

Shipping Carrier: CLIENT

Data Deliverables Required:

Special Instructions:

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

CLIENT: Envirotech   OFFICE LOC. Balt, md

PROJECT MGR: Kip Kraus   PHONE NO.: (410) 294-2069

EMAIL: kkraus@envirotech llc.com   FAX NO.: ( )

PROJECT NAME: Trans T Truck Stop   PROJECT NO.:

SITE LOCATION: Millersville, md   P.O. NO.:

SAMPLERS: KK

PSS Work Order #: 8100704   PAGE 2 OF 2

Matrix Codes:
SW=Surface Wtr DW=Drinking Wrt GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil WL=Waste Liquid WS=Waste Solid W= Wipe

Preservatives Used

Analysis/Method Required (3): Full Suite VOCs 8260; toxic TPH GRO/DRO 8015B

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	Full Suite VOCs 8260	TPH GRO/DRO 8015B	REMARKS
11	GP-11 6'-10'	10/6/08		S	2	G			

Relinquished By	Date	Time	Received By
(1) [signature]	10/6/08	14:05	[signature]
(2) [signature]	10/7/08	13:24	[signature]
(3)			
(4)			

(4) Requested Turnaround Time
- [x] 5-Day
- [ ] 3-Day
- [ ] 2-Day
- [ ] Next Day
- [ ] Emergency
- [ ] Other

Data Deliverables Required:

Special Instructions:

# of Coolers: 1
Custody Seal: ABS
Ice Present: PRES   Temp: 2°C
Shipping Carrier: ~~DHL~~ CLIENT

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Analytical Report for

Envirotech Consultants LLC

Certificate of Analysis No.: 8101306

Project Manager: Kip Kraus

Project Name : Eastern Petroleum

Project Location: Transit Truck Stop

Project ID : 71099

October 21, 2008

Phase Separation Science, Inc.

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Phone: (410) 747-8770
Fax: (410) 788-8723

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PHASE SEPARATION SCIENCE, INC.

October 21, 2008

Kip Kraus
Envirotech Consultants LLC
2931 Whittington Avenue
Baltimore, MD 21230

Reference: PSS Work Order No: **8101306**
Project Name : Eastern Petroleum
Project Location: Transit Truck Stop
Project ID.: 71099

Dear Kip Kraus :

The attached Analytical and QC Summary lists the analytical results from the analyses performed on the samples received under the project name referenced above and identified with the Phase Separation Science (PSS) Work Order numbered **8101306**.

All work reported herein has been performed in accordance with referenced methodologies, PSS Standard Operating Procedures and the PSS Quality Assurance Manual. PSS is limited in liability to the actual cost of the sample analysis done.

PSS reserves the right to return any unused samples, extracts or related solutions. Otherwise, the samples are scheduled for disposal, without any further notice, on November 17, 2008. This includes any samples that were received with a request to be held but lacked a specific hold period. It is your responsibility to provide a written request defining a specific disposal date if additional storage is required. Upon receipt , the request will be acknowledged by PSS, thus extending the storage period.

This report shall not be reproduced except in full, without the written approval of an authorized PSS representative. A copy of this report will be retained by PSS for at least 10 years, after which time it will be disposed without further notice, unless prior arrangements have been made.

We thank you for selecting Phase Separation Science, Inc. to serve your analytical needs. If you have any questions concerning this report, do not hesitate to contact us at 410-747-8770 or info@phaseonline.com.

Dan Prucnal
Laboratory Manager

Case Narrative Summary

Client Name: Envirotech Consultants LLC

Project Name: Eastern Petroleum

Project ID: 71099

Work Order Number: 8101306

The following samples were received under chain of custody by Phase Separation Science (PSS) on 10/13/2008 at 01:59 pm

Lab Sample Id	Sample Id	Matrix	Date/Time Collected
8101306-001	MW-5 34'-36'	SOIL	10/07/2008 03:15 pm
8101306-002	MW-6 50'-52'	SOIL	10/08/2008 04:00 pm
8101306-003	MW-7 8'-10'	SOIL	10/10/2008 03:30 pm
8101306-004	MW-5 44'-46'	SOIL	10/07/2008 04:00 pm
8101306-005	GP-1	GROUND WATER	10/08/2008 04:20 pm
8101306-006	GP-4	GROUND WATER	10/08/2008 04:30 pm
8101306-007	GP-8	GROUND WATER	10/08/2008 04:45 pm
8101306-008	GP-9	GROUND WATER	10/08/2008 04:00 pm

Please reference the Chain of Custody and Sample Receipt Checklist for specific container counts and preservatives. Any sample conditions not in compliance with sample acceptance criteria are described in the Sample Receipt Checklist.

Any holding time exceedances, deviations from the method specifications, regulatory requirements or variations to the procedures outlined in the PSS Quality Assurance Manual are outlined below.

Notes:

1. The presence of common laboratory contaminants such as acetone, methylene chloride and phthalates, may be considered a possible laboratory artifact. Where observed, appropriate consideration of data should be taken.
2. The following analytical results are never reported on a dry weight basis: pH, flashpoint, moisture and paint filter test.

Standard Flags/Abbreviations:

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
C Results Pending Final Confirmation.
D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
J The target analyte was positively identified below the reporting limit but greater than one-half of the reporting limit.
ND Not Detected at or above the reporting limit.
RL Reporting Limit.
U Not detected.

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8101306

Envirotech Consultants LLC, Baltimore, MD

October 21, 2008

Project Name: Eastern Petroleum
Project Location: Transit Truck Stop
Project ID: 71099

Sample ID: MW-5 34'-36'	**Date/Time Sampled: 10/07/2008 15:15**	**PSS Sample ID: 8101306-001**
Matrix: SOIL	**Date/Time Received: 10/13/2008 13:59**	**% Solids: 91**

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015B — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/kg	110		1	10/15/08	10/15/08 16:27	1035

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/kg	11		1	10/16/08	10/16/08 15:04	1040

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8101306

Envirotech Consultants LLC, Baltimore, MD

October 21, 2008

Project Name: Eastern Petroleum
Project Location: Transit Truck Stop
Project ID: 71099

Sample ID: MW-5 34'-36' | **Date/Time Sampled: 10/07/2008 15:15** | **PSS Sample ID: 8101306-001**
Matrix: SOIL | **Date/Time Received: 10/13/2008 13:59** | **% Solids: 91**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
Chloromethane	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
Vinyl Chloride	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
tert-Butyl alcohol	ND	ug/kg	44		1	10/20/08	10/20/08 18:19	1011
Bromomethane	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
Chloroethane	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
Acetone	ND	ug/kg	22		1	10/20/08	10/20/08 18:19	1011
Cyclohexane	ND	ug/kg	22		1	10/20/08	10/20/08 18:19	1011
Trichlorofluoromethane	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
1,1-Dichloroethene	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
Methylene Chloride	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
trans-1,2-Dichloroethene	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
Methyl-t-butyl ether	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
1,1-Dichloroethane	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
2-Butanone (MEK)	ND	ug/kg	22		1	10/20/08	10/20/08 18:19	1011
cis-1,2-Dichloroethene	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
Chloroform	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
1,1,1-Trichloroethane	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
1,2-Dichloroethane	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
Carbon Tetrachloride	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
Benzene	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
Dibromomethane	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
1,2-Dichloropropane	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
Carbon Disulfide	ND	ug/kg	11		1	10/20/08	10/20/08 18:19	1011
Trichloroethene	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
Bromodichloromethane	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
cis-1,3-Dichloropropene	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
4-Methyl-2-Pentanone	ND	ug/kg	22		1	10/20/08	10/20/08 18:19	1011
trans-1,3-Dichloropropene	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8101306

Envirotech Consultants LLC, Baltimore, MD

October 21, 2008

Project Name: Eastern Petroleum
Project Location: Transit Truck Stop
Project ID: 71099

Sample ID: MW-5 34'-36' | **Date/Time Sampled: 10/07/2008 15:15** | **PSS Sample ID: 8101306-001**
Matrix: SOIL | **Date/Time Received: 10/13/2008 13:59** | **% Solids: 91**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
Toluene	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
2-Hexanone	ND	ug/kg	22		1	10/20/08	10/20/08 18:19	1011
1,2-Dibromoethane (EDB)	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
Dibromochloromethane	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
tert-Butyl ethyl ether	ND	ug/kg	11		1	10/20/08	10/20/08 18:19	1011
tert-Amyl methyl ether	ND	ug/kg	44		1	10/20/08	10/20/08 18:19	1011
Diisopropyl ether	ND	ug/kg	11		1	10/20/08	10/20/08 18:19	1011
tert-Amyl ethyl ether	ND	ug/kg	44		1	10/20/08	10/20/08 18:19	1011
tert-Amyl alcohol	ND	ug/kg	44		1	10/20/08	10/20/08 18:19	1011
Bromoform	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
Tetrachloroethene	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
Chlorobenzene	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
Ethylbenzene	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
m,p-Xylenes	ND	ug/kg	11		1	10/20/08	10/20/08 18:19	1011
Styrene	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
1,1,2,2-Tetrachloroethane	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
o-Xylene	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
Isopropylbenzene	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
1,3-Dichlorobenzene	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
1,4-Dichlorobenzene	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
1,2-Dichlorobenzene	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
1,2-Dibromo-3-Chloropropane	ND	ug/kg	44		1	10/20/08	10/20/08 18:19	1011
1,2,4-Trichlorobenzene	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011
Naphthalene	ND	ug/kg	5		1	10/20/08	10/20/08 18:19	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8101306

Envirotech Consultants LLC, Baltimore, MD

October 21, 2008

Project Name: Eastern Petroleum
Project Location: Transit Truck Stop
Project ID: 71099

Sample ID: MW-6 50'-52' | **Date/Time Sampled: 10/08/2008 16:00** | **PSS Sample ID: 8101306-002**
Matrix: SOIL | **Date/Time Received: 10/13/2008 13:59** | **% Solids: 76**

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015B — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/kg	130		1	10/15/08	10/15/08 16:57	1035

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/kg	13		1	10/16/08	10/16/08 16:31	1040

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CERTIFICATE OF ANALYSIS

No: 8101306

Envirotech Consultants LLC, Baltimore, MD

October 21, 2008

Project Name: Eastern Petroleum
Project Location: Transit Truck Stop
Project ID: 71099

Sample ID: MW-6 50'-52' | **Date/Time Sampled: 10/08/2008 16:00** | **PSS Sample ID: 8101306-002**
Matrix: SOIL | **Date/Time Received: 10/13/2008 13:59** | **% Solids: 76**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
Chloromethane	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
Vinyl Chloride	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
tert-Butyl alcohol	ND	ug/kg	52		1	10/20/08	10/20/08 18:48	1011
Bromomethane	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
Chloroethane	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
Acetone	ND	ug/kg	26		1	10/20/08	10/20/08 18:48	1011
Cyclohexane	ND	ug/kg	26		1	10/20/08	10/20/08 18:48	1011
Trichlorofluoromethane	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
1,1-Dichloroethene	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
Methylene Chloride	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
trans-1,2-Dichloroethene	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
Methyl-t-butyl ether	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
1,1-Dichloroethane	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
2-Butanone (MEK)	ND	ug/kg	26		1	10/20/08	10/20/08 18:48	1011
cis-1,2-Dichloroethene	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
Chloroform	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
1,1,1-Trichloroethane	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
1,2-Dichloroethane	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
Carbon Tetrachloride	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
Benzene	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
Dibromomethane	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
1,2-Dichloropropane	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
Carbon Disulfide	ND	ug/kg	13		1	10/20/08	10/20/08 18:48	1011
Trichloroethene	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
Bromodichloromethane	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
cis-1,3-Dichloropropene	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
4-Methyl-2-Pentanone	ND	ug/kg	26		1	10/20/08	10/20/08 18:48	1011
trans-1,3-Dichloropropene	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8101306

Envirotech Consultants LLC, Baltimore, MD

October 21, 2008

Project Name: Eastern Petroleum
Project Location: Transit Truck Stop
Project ID: 71099

Sample ID: MW-6 50'-52' | **Date/Time Sampled: 10/08/2008 16:00** | **PSS Sample ID: 8101306-002**
Matrix: SOIL | **Date/Time Received: 10/13/2008 13:59** | **% Solids: 76**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
Toluene	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
2-Hexanone	ND	ug/kg	26		1	10/20/08	10/20/08 18:48	1011
1,2-Dibromoethane (EDB)	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
Dibromochloromethane	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
tert-Butyl ethyl ether	ND	ug/kg	13		1	10/20/08	10/20/08 18:48	1011
tert-Amyl methyl ether	ND	ug/kg	52		1	10/20/08	10/20/08 18:48	1011
Diisopropyl ether	ND	ug/kg	13		1	10/20/08	10/20/08 18:48	1011
tert-Amyl ethyl ether	ND	ug/kg	52		1	10/20/08	10/20/08 18:48	1011
tert-Amyl alcohol	ND	ug/kg	52		1	10/20/08	10/20/08 18:48	1011
Bromoform	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
Tetrachloroethene	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
Chlorobenzene	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
Ethylbenzene	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
m,p-Xylenes	ND	ug/kg	13		1	10/20/08	10/20/08 18:48	1011
Styrene	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
1,1,2,2-Tetrachloroethane	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
o-Xylene	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
Isopropylbenzene	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
1,3-Dichlorobenzene	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
1,4-Dichlorobenzene	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
1,2-Dichlorobenzene	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
1,2-Dibromo-3-Chloropropane	ND	ug/kg	52		1	10/20/08	10/20/08 18:48	1011
1,2,4-Trichlorobenzene	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011
Naphthalene	ND	ug/kg	6		1	10/20/08	10/20/08 18:48	1011

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CERTIFICATE OF ANALYSIS

No: 8101306

Envirotech Consultants LLC, Baltimore, MD

October 21, 2008

Project Name: Eastern Petroleum
Project Location: Transit Truck Stop
Project ID: 71099

Sample ID: MW-7 8'-10' | **Date/Time Sampled: 10/10/2008 15:30** | **PSS Sample ID: 8101306-003**
Matrix: SOIL | **Date/Time Received: 10/13/2008 13:59** | **% Solids: 88**

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015B — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**4,700**	ug/kg	110		1	10/15/08	10/15/08 17:58	1035

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**890**	mg/kg	110		10	10/16/08	10/16/08 18:19	1040

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No: 8101306

Envirotech Consultants LLC, Baltimore, MD

October 21, 2008

Project Name: Eastern Petroleum
Project Location: Transit Truck Stop
Project ID: 71099

Sample ID: MW-7 8'-10' | **Date/Time Sampled: 10/10/2008 15:30** | **PSS Sample ID: 8101306-003**
Matrix: SOIL | **Date/Time Received: 10/13/2008 13:59** | **% Solids: 88**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
Chloromethane	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
Vinyl Chloride	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
tert-Butyl alcohol	ND	ug/kg	46		1	10/20/08	10/20/08 20:43	1011
Bromomethane	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
Chloroethane	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
Acetone	ND	ug/kg	23		1	10/20/08	10/20/08 20:43	1011
Cyclohexane	ND	ug/kg	23		1	10/20/08	10/20/08 20:43	1011
Trichlorofluoromethane	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
1,1-Dichloroethene	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
Methylene Chloride	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
trans-1,2-Dichloroethene	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
Methyl-t-butyl ether	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
1,1-Dichloroethane	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
2-Butanone (MEK)	ND	ug/kg	23		1	10/20/08	10/20/08 20:43	1011
cis-1,2-Dichloroethene	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
Chloroform	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
1,1,1-Trichloroethane	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
1,2-Dichloroethane	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
Carbon Tetrachloride	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
Benzene	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
Dibromomethane	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
1,2-Dichloropropane	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
Carbon Disulfide	ND	ug/kg	12		1	10/20/08	10/20/08 20:43	1011
Trichloroethene	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
Bromodichloromethane	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
cis-1,3-Dichloropropene	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
4-Methyl-2-Pentanone	ND	ug/kg	23		1	10/20/08	10/20/08 20:43	1011
trans-1,3-Dichloropropene	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8101306

Envirotech Consultants LLC, Baltimore, MD

October 21, 2008

Project Name: Eastern Petroleum
Project Location: Transit Truck Stop
Project ID: 71099

Sample ID: MW-7 8'-10' | **Date/Time Sampled: 10/10/2008 15:30** | **PSS Sample ID: 8101306-003**
Matrix: SOIL | **Date/Time Received: 10/13/2008 13:59** | **% Solids: 88**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
Toluene	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
2-Hexanone	ND	ug/kg	23		1	10/20/08	10/20/08 20:43	1011
1,2-Dibromoethane (EDB)	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
Dibromochloromethane	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
tert-Butyl ethyl ether	ND	ug/kg	12		1	10/20/08	10/20/08 20:43	1011
tert-Amyl methyl ether	ND	ug/kg	46		1	10/20/08	10/20/08 20:43	1011
Diisopropyl ether	ND	ug/kg	12		1	10/20/08	10/20/08 20:43	1011
tert-Amyl ethyl ether	ND	ug/kg	46		1	10/20/08	10/20/08 20:43	1011
tert-Amyl alcohol	ND	ug/kg	46		1	10/20/08	10/20/08 20:43	1011
Bromoform	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
Tetrachloroethene	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
Chlorobenzene	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
Ethylbenzene	**11**	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
m,p-Xylenes	**54**	ug/kg	12		1	10/20/08	10/20/08 20:43	1011
Styrene	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
1,1,2,2-Tetrachloroethane	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
o-Xylene	**36**	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
Isopropylbenzene	**6**	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
1,3-Dichlorobenzene	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
1,4-Dichlorobenzene	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
1,2-Dichlorobenzene	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
1,2-Dibromo-3-Chloropropane	ND	ug/kg	46		1	10/20/08	10/20/08 20:43	1011
1,2,4-Trichlorobenzene	ND	ug/kg	6		1	10/20/08	10/20/08 20:43	1011
Naphthalene	**170**	ug/kg	6		1	10/20/08	10/20/08 20:43	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8101306

Envirotech Consultants LLC, Baltimore, MD

October 21, 2008

Project Name: Eastern Petroleum
Project Location: Transit Truck Stop
Project ID: 71099

Sample ID: MW-5 44'-46' | **Date/Time Sampled: 10/07/2008 16:00** | **PSS Sample ID: 8101306-004**
Matrix: SOIL | **Date/Time Received: 10/13/2008 13:59** | **% Solids: 86**

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015B — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/kg	110		1	10/15/08	10/15/08 17:28	1035

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/kg	12		1	10/16/08	10/16/08 15:26	1040

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CERTIFICATE OF ANALYSIS

No: 8101306

Envirotech Consultants LLC, Baltimore, MD

October 21, 2008

Project Name: Eastern Petroleum
Project Location: Transit Truck Stop
Project ID: 71099

Sample ID: MW-5 44'-46' | **Date/Time Sampled: 10/07/2008 16:00** | **PSS Sample ID: 8101306-004**
Matrix: SOIL | **Date/Time Received: 10/13/2008 13:59** | **% Solids: 86**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
Chloromethane	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
Vinyl Chloride	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
tert-Butyl alcohol	ND	ug/kg	46		1	10/20/08	10/20/08 19:17	1011
Bromomethane	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
Chloroethane	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
Acetone	ND	ug/kg	23		1	10/20/08	10/20/08 19:17	1011
Cyclohexane	ND	ug/kg	23		1	10/20/08	10/20/08 19:17	1011
Trichlorofluoromethane	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
1,1-Dichloroethene	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
Methylene Chloride	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
trans-1,2-Dichloroethene	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
Methyl-t-butyl ether	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
1,1-Dichloroethane	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
2-Butanone (MEK)	ND	ug/kg	23		1	10/20/08	10/20/08 19:17	1011
cis-1,2-Dichloroethene	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
Chloroform	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
1,1,1-Trichloroethane	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
1,2-Dichloroethane	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
Carbon Tetrachloride	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
Benzene	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
Dibromomethane	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
1,2-Dichloropropane	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
Carbon Disulfide	ND	ug/kg	11		1	10/20/08	10/20/08 19:17	1011
Trichloroethene	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
Bromodichloromethane	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
cis-1,3-Dichloropropene	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
4-Methyl-2-Pentanone	ND	ug/kg	23		1	10/20/08	10/20/08 19:17	1011
trans-1,3-Dichloropropene	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8101306

Envirotech Consultants LLC, Baltimore, MD

October 21, 2008

Project Name: Eastern Petroleum
Project Location: Transit Truck Stop
Project ID: 71099

Sample ID: MW-5 44'-46' | **Date/Time Sampled: 10/07/2008 16:00** | **PSS Sample ID: 8101306-004**
Matrix: SOIL | **Date/Time Received: 10/13/2008 13:59** | **% Solids: 86**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
Toluene	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
2-Hexanone	ND	ug/kg	23		1	10/20/08	10/20/08 19:17	1011
1,2-Dibromoethane (EDB)	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
Dibromochloromethane	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
tert-Butyl ethyl ether	ND	ug/kg	11		1	10/20/08	10/20/08 19:17	1011
tert-Amyl methyl ether	ND	ug/kg	46		1	10/20/08	10/20/08 19:17	1011
Diisopropyl ether	ND	ug/kg	11		1	10/20/08	10/20/08 19:17	1011
tert-Amyl ethyl ether	ND	ug/kg	46		1	10/20/08	10/20/08 19:17	1011
tert-Amyl alcohol	ND	ug/kg	46		1	10/20/08	10/20/08 19:17	1011
Bromoform	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
Tetrachloroethene	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
Chlorobenzene	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
Ethylbenzene	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
m,p-Xylenes	ND	ug/kg	11		1	10/20/08	10/20/08 19:17	1011
Styrene	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
1,1,2,2-Tetrachloroethane	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
o-Xylene	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
Isopropylbenzene	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
1,3-Dichlorobenzene	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
1,4-Dichlorobenzene	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
1,2-Dichlorobenzene	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
1,2-Dibromo-3-Chloropropane	ND	ug/kg	46		1	10/20/08	10/20/08 19:17	1011
1,2,4-Trichlorobenzene	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011
Naphthalene	ND	ug/kg	6		1	10/20/08	10/20/08 19:17	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8101306

Envirotech Consultants LLC, Baltimore, MD

October 21, 2008

Project Name: Eastern Petroleum
Project Location: Transit Truck Stop
Project ID: 71099

Sample ID: GP-1 **Date/Time Sampled: 10/08/2008 16:20** **PSS Sample ID: 8101306-005**
Matrix: GROUND WATER **Date/Time Received: 10/13/2008 13:59**

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015B — Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	10/13/08	10/13/08 17:25	1035

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3510C

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.7		1	10/14/08	10/14/08 18:32	1040

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8101306

Envirotech Consultants LLC, Baltimore, MD

October 21, 2008

Project Name: Eastern Petroleum
Project Location: Transit Truck Stop
Project ID: 71099

Sample ID: GP-1 **Date/Time Sampled: 10/08/2008 16:20** **PSS Sample ID: 8101306-005**
Matrix: GROUND WATER **Date/Time Received: 10/13/2008 13:59**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
Chloromethane	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
Vinyl Chloride	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
tert-Butyl alcohol	ND	ug/L	20		1	10/13/08	10/14/08 05:40	1014
Bromomethane	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
Chloroethane	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
Acetone	**18**	ug/L	10		1	10/13/08	10/14/08 05:40	1014
Cyclohexane	ND	ug/L	10		1	10/13/08	10/14/08 05:40	1014
Trichlorofluoromethane	ND	ug/L	5		1	10/13/08	10/14/08 05:40	1014
1,1-Dichloroethene	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
Methylene Chloride	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
trans-1,2-Dichloroethene	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
Methyl-t-butyl ether	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
1,1-Dichloroethane	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
2-Butanone (MEK)	ND	ug/L	10		1	10/13/08	10/14/08 05:40	1014
cis-1,2-Dichloroethene	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
Chloroform	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
1,1,1-Trichloroethane	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
1,2-Dichloroethane	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
Carbon Tetrachloride	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
Benzene	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
Dibromomethane	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
1,2-Dichloropropane	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
Trichloroethene	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
Carbon Disulfide	ND	ug/L	10		1	10/13/08	10/14/08 05:40	1014
Bromodichloromethane	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
cis-1,3-Dichloropropene	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
4-Methyl-2-Pentanone	ND	ug/L	5		1	10/13/08	10/14/08 05:40	1014
trans-1,3-Dichloropropene	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8101306

Envirotech Consultants LLC, Baltimore, MD

October 21, 2008

Project Name: Eastern Petroleum
Project Location: Transit Truck Stop
Project ID: 71099

Sample ID: GP-1 **Date/Time Sampled: 10/08/2008 16:20** **PSS Sample ID: 8101306-005**
Matrix: GROUND WATER **Date/Time Received: 10/13/2008 13:59**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
Toluene	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
2-Hexanone	ND	ug/L	10		1	10/13/08	10/14/08 05:40	1014
1,2-Dibromoethane (EDB)	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
Dibromochloromethane	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
tert-Amyl ethyl ether	ND	ug/L	10		1	10/13/08	10/14/08 05:40	1014
tert-Butyl ethyl ether	ND	ug/L	10		1	10/13/08	10/14/08 05:40	1014
Diisopropyl ether	ND	ug/L	10		1	10/13/08	10/14/08 05:40	1014
tert-Amyl methyl ether	ND	ug/L	10		1	10/13/08	10/14/08 05:40	1014
tert-Amyl alcohol	ND	ug/L	20		1	10/13/08	10/14/08 05:40	1014
Bromoform	ND	ug/L	5		1	10/13/08	10/14/08 05:40	1014
Tetrachloroethene	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
Chlorobenzene	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
Ethylbenzene	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
m,p-Xylenes	ND	ug/L	2		1	10/13/08	10/14/08 05:40	1014
Styrene	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
1,1,2,2-Tetrachloroethane	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
o-Xylene	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
Isopropylbenzene	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
1,3-Dichlorobenzene	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
1,4-Dichlorobenzene	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
1,2-Dichlorobenzene	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	10/13/08	10/14/08 05:40	1014
1,2,4-Trichlorobenzene	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014
Naphthalene	ND	ug/L	1		1	10/13/08	10/14/08 05:40	1014

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8101306

Envirotech Consultants LLC, Baltimore, MD

October 21, 2008

Project Name: Eastern Petroleum
Project Location: Transit Truck Stop
Project ID: 71099

Sample ID: GP-4 **Date/Time Sampled: 10/08/2008 16:30** **PSS Sample ID: 8101306-006**
Matrix: GROUND WATER **Date/Time Received: 10/13/2008 13:59**

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015B — Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**200**	ug/L	100		1	10/13/08	10/13/08 17:53	1035

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3510C

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	3		1	10/14/08	10/14/08 19:16	1040

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CERTIFICATE OF ANALYSIS

No: 8101306

Envirotech Consultants LLC, Baltimore, MD

October 21, 2008

Project Name: Eastern Petroleum
Project Location: Transit Truck Stop
Project ID: 71099

Sample ID: GP-4 **Date/Time Sampled: 10/08/2008 16:30** **PSS Sample ID: 8101306-006**
Matrix: GROUND WATER **Date/Time Received: 10/13/2008 13:59**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014
Chloromethane	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014
Vinyl Chloride	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014
tert-Butyl alcohol	ND	ug/L	20		1	10/13/08	10/14/08 06:08	1014
Bromomethane	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014
Chloroethane	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014
Acetone	**110**	ug/L	10		1	10/13/08	10/14/08 06:08	1014
Cyclohexane	ND	ug/L	10		1	10/13/08	10/14/08 06:08	1014
Trichlorofluoromethane	ND	ug/L	5		1	10/13/08	10/14/08 06:08	1014
1,1-Dichloroethene	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014
Methylene Chloride	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014
trans-1,2-Dichloroethene	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014
Methyl-t-butyl ether	**5**	ug/L	1		1	10/13/08	10/14/08 06:08	1014
1,1-Dichloroethane	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014
2-Butanone (MEK)	ND	ug/L	10		1	10/13/08	10/14/08 06:08	1014
cis-1,2-Dichloroethene	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014
Chloroform	**2**	ug/L	1		1	10/13/08	10/14/08 06:08	1014
1,1,1-Trichloroethane	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014
1,2-Dichloroethane	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014
Carbon Tetrachloride	**2**	ug/L	1		1	10/13/08	10/14/08 06:08	1014
Benzene	**4**	ug/L	1		1	10/13/08	10/14/08 06:08	1014
Dibromomethane	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014
1,2-Dichloropropane	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014
Trichloroethene	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014
Carbon Disulfide	ND	ug/L	10		1	10/13/08	10/14/08 06:08	1014
Bromodichloromethane	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014
cis-1,3-Dichloropropene	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014
4-Methyl-2-Pentanone	ND	ug/L	5		1	10/13/08	10/14/08 06:08	1014
trans-1,3-Dichloropropene	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8101306

Envirotech Consultants LLC, Baltimore, MD

October 21, 2008

Project Name: Eastern Petroleum
Project Location: Transit Truck Stop
Project ID: 71099

Sample ID: GP-4 **Date/Time Sampled: 10/08/2008 16:30** **PSS Sample ID: 8101306-006**
Matrix: GROUND WATER **Date/Time Received: 10/13/2008 13:59**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014
Toluene	**3**	ug/L	1		1	10/13/08	10/14/08 06:08	1014
2-Hexanone	ND	ug/L	10		1	10/13/08	10/14/08 06:08	1014
1,2-Dibromoethane (EDB)	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014
Dibromochloromethane	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014
tert-Amyl ethyl ether	ND	ug/L	10		1	10/13/08	10/14/08 06:08	1014
tert-Butyl ethyl ether	ND	ug/L	10		1	10/13/08	10/14/08 06:08	1014
Diisopropyl ether	ND	ug/L	10		1	10/13/08	10/14/08 06:08	1014
tert-Amyl methyl ether	ND	ug/L	10		1	10/13/08	10/14/08 06:08	1014
tert-Amyl alcohol	ND	ug/L	20		1	10/13/08	10/14/08 06:08	1014
Bromoform	ND	ug/L	5		1	10/13/08	10/14/08 06:08	1014
Tetrachloroethene	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014
Chlorobenzene	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014
Ethylbenzene	**5**	ug/L	1		1	10/13/08	10/14/08 06:08	1014
m,p-Xylenes	**5**	ug/L	2		1	10/13/08	10/14/08 06:08	1014
Styrene	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014
1,1,2,2-Tetrachloroethane	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014
o-Xylene	**2**	ug/L	1		1	10/13/08	10/14/08 06:08	1014
Isopropylbenzene	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014
1,3-Dichlorobenzene	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014
1,4-Dichlorobenzene	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014
1,2-Dichlorobenzene	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	10/13/08	10/14/08 06:08	1014
1,2,4-Trichlorobenzene	ND	ug/L	1		1	10/13/08	10/14/08 06:08	1014
Naphthalene	**2**	ug/L	1		1	10/13/08	10/14/08 06:08	1014

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8101306

Envirotech Consultants LLC, Baltimore, MD

October 21, 2008

Project Name: Eastern Petroleum
Project Location: Transit Truck Stop
Project ID: 71099

Sample ID: GP-8 **Date/Time Sampled: 10/08/2008 16:45** **PSS Sample ID: 8101306-007**
Matrix: GROUND WATER **Date/Time Received: 10/13/2008 13:59**

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015B — Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**340**	ug/L	100		1	10/13/08	10/13/08 18:21	1035

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3510C

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**23**	mg/L	5		10	10/14/08	10/15/08 10:36	1040

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8101306

Envirotech Consultants LLC, Baltimore, MD

October 21, 2008

Project Name: Eastern Petroleum
Project Location: Transit Truck Stop
Project ID: 71099

Sample ID: GP-8 **Date/Time Sampled: 10/08/2008 16:45** **PSS Sample ID: 8101306-007**
Matrix: GROUND WATER **Date/Time Received: 10/13/2008 13:59**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
Chloromethane	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
Vinyl Chloride	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
tert-Butyl alcohol	ND	ug/L	20		1	10/13/08	10/14/08 06:36	1014
Bromomethane	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
Chloroethane	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
Acetone	ND	ug/L	10		1	10/13/08	10/14/08 06:36	1014
Cyclohexane	ND	ug/L	10		1	10/13/08	10/14/08 06:36	1014
Trichlorofluoromethane	ND	ug/L	5		1	10/13/08	10/14/08 06:36	1014
1,1-Dichloroethene	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
Methylene Chloride	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
trans-1,2-Dichloroethene	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
Methyl-t-butyl ether	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
1,1-Dichloroethane	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
2-Butanone (MEK)	ND	ug/L	10		1	10/13/08	10/14/08 06:36	1014
cis-1,2-Dichloroethene	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
Chloroform	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
1,1,1-Trichloroethane	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
1,2-Dichloroethane	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
Carbon Tetrachloride	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
Benzene	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
Dibromomethane	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
1,2-Dichloropropane	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
Trichloroethene	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
Carbon Disulfide	ND	ug/L	10		1	10/13/08	10/14/08 06:36	1014
Bromodichloromethane	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
cis-1,3-Dichloropropene	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
4-Methyl-2-Pentanone	ND	ug/L	5		1	10/13/08	10/14/08 06:36	1014
trans-1,3-Dichloropropene	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8101306

Envirotech Consultants LLC, Baltimore, MD

October 21, 2008

Project Name: Eastern Petroleum
Project Location: Transit Truck Stop
Project ID: 71099

Sample ID: GP-8 **Date/Time Sampled: 10/08/2008 16:45** **PSS Sample ID: 8101306-007**
Matrix: GROUND WATER **Date/Time Received: 10/13/2008 13:59**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
Toluene	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
2-Hexanone	ND	ug/L	10		1	10/13/08	10/14/08 06:36	1014
1,2-Dibromoethane (EDB)	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
Dibromochloromethane	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
tert-Amyl ethyl ether	ND	ug/L	10		1	10/13/08	10/14/08 06:36	1014
tert-Butyl ethyl ether	ND	ug/L	10		1	10/13/08	10/14/08 06:36	1014
Diisopropyl ether	ND	ug/L	10		1	10/13/08	10/14/08 06:36	1014
tert-Amyl methyl ether	ND	ug/L	10		1	10/13/08	10/14/08 06:36	1014
tert-Amyl alcohol	ND	ug/L	20		1	10/13/08	10/14/08 06:36	1014
Bromoform	ND	ug/L	5		1	10/13/08	10/14/08 06:36	1014
Tetrachloroethene	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
Chlorobenzene	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
Ethylbenzene	**6**	ug/L	1		1	10/13/08	10/14/08 06:36	1014
m,p-Xylenes	**3**	ug/L	2		1	10/13/08	10/14/08 06:36	1014
Styrene	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
1,1,2,2-Tetrachloroethane	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
o-Xylene	**2**	ug/L	1		1	10/13/08	10/14/08 06:36	1014
Isopropylbenzene	**5**	ug/L	1		1	10/13/08	10/14/08 06:36	1014
1,3-Dichlorobenzene	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
1,4-Dichlorobenzene	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
1,2-Dichlorobenzene	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	10/13/08	10/14/08 06:36	1014
1,2,4-Trichlorobenzene	ND	ug/L	1		1	10/13/08	10/14/08 06:36	1014
Naphthalene	**19**	ug/L	1		1	10/13/08	10/14/08 06:36	1014

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8101306

Envirotech Consultants LLC, Baltimore, MD

October 21, 2008

Project Name: Eastern Petroleum
Project Location: Transit Truck Stop
Project ID: 71099

Sample ID: GP-9 **Date/Time Sampled: 10/08/2008 16:00** **PSS Sample ID: 8101306-008**
Matrix: GROUND WATER **Date/Time Received: 10/13/2008 13:59**

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015B — Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	10/13/08	10/13/08 18:49	1035

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3510C

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**2.1**	mg/L	0.5		1	10/14/08	10/14/08 19:37	1040

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8101306

Envirotech Consultants LLC, Baltimore, MD

October 21, 2008

Project Name: Eastern Petroleum
Project Location: Transit Truck Stop
Project ID: 71099

Sample ID: GP-9 **Date/Time Sampled: 10/08/2008 16:00** **PSS Sample ID: 8101306-008**
Matrix: GROUND WATER **Date/Time Received: 10/13/2008 13:59**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
Chloromethane	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
Vinyl Chloride	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
tert-Butyl alcohol	ND	ug/L	20		1	10/13/08	10/14/08 07:04	1014
Bromomethane	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
Chloroethane	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
Acetone	ND	ug/L	10		1	10/13/08	10/14/08 07:04	1014
Cyclohexane	ND	ug/L	10		1	10/13/08	10/14/08 07:04	1014
Trichlorofluoromethane	ND	ug/L	5		1	10/13/08	10/14/08 07:04	1014
1,1-Dichloroethene	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
Methylene Chloride	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
trans-1,2-Dichloroethene	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
Methyl-t-butyl ether	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
1,1-Dichloroethane	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
2-Butanone (MEK)	ND	ug/L	10		1	10/13/08	10/14/08 07:04	1014
cis-1,2-Dichloroethene	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
Chloroform	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
1,1,1-Trichloroethane	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
1,2-Dichloroethane	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
Carbon Tetrachloride	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
Benzene	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
Dibromomethane	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
1,2-Dichloropropane	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
Trichloroethene	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
Carbon Disulfide	ND	ug/L	10		1	10/13/08	10/14/08 07:04	1014
Bromodichloromethane	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
cis-1,3-Dichloropropene	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
4-Methyl-2-Pentanone	ND	ug/L	5		1	10/13/08	10/14/08 07:04	1014
trans-1,3-Dichloropropene	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 8101306

Envirotech Consultants LLC, Baltimore, MD

October 21, 2008

Project Name: Eastern Petroleum
Project Location: Transit Truck Stop
Project ID: 71099

Sample ID: GP-9 **Date/Time Sampled: 10/08/2008 16:00** **PSS Sample ID: 8101306-008**
Matrix: GROUND WATER **Date/Time Received: 10/13/2008 13:59**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
Toluene	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
2-Hexanone	ND	ug/L	10		1	10/13/08	10/14/08 07:04	1014
1,2-Dibromoethane (EDB)	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
Dibromochloromethane	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
tert-Amyl ethyl ether	ND	ug/L	10		1	10/13/08	10/14/08 07:04	1014
tert-Butyl ethyl ether	ND	ug/L	10		1	10/13/08	10/14/08 07:04	1014
Diisopropyl ether	ND	ug/L	10		1	10/13/08	10/14/08 07:04	1014
tert-Amyl methyl ether	ND	ug/L	10		1	10/13/08	10/14/08 07:04	1014
tert-Amyl alcohol	ND	ug/L	20		1	10/13/08	10/14/08 07:04	1014
Bromoform	ND	ug/L	5		1	10/13/08	10/14/08 07:04	1014
Tetrachloroethene	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
Chlorobenzene	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
Ethylbenzene	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
m,p-Xylenes	ND	ug/L	2		1	10/13/08	10/14/08 07:04	1014
Styrene	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
1,1,2,2-Tetrachloroethane	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
o-Xylene	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
Isopropylbenzene	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
1,3-Dichlorobenzene	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
1,4-Dichlorobenzene	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
1,2-Dichlorobenzene	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	10/13/08	10/14/08 07:04	1014
1,2,4-Trichlorobenzene	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014
Naphthalene	ND	ug/L	1		1	10/13/08	10/14/08 07:04	1014

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

(1) CLIENT: Envirotech LLC — OFFICE LOC.: Baltimore Md
PROJECT MGR: Kip Kraus — PHONE NO.: 410 294 2064
EMAIL: kkraus@Envirotechllc.com — FAX NO.: 410 525 8644
PROJECT NAME: Eastern Petroleum — PROJECT NO.: 71099
SITE LOCATION: Transit Truck Stop — P.O. NO.: 109132
SAMPLERS: KK

PSS Work Order #: 8101306 — PAGE 1 OF 1

Matrix Codes: SW=Surface Wtr DW=Drinking Wrt GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil WL=Waste Liquid WS=Waste Solid W= Wipe

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE (C = COMP, G = GRAB)	Full Suite VOCs + oxygenates 8260	TPH DRO/GRO 8015B	HCL	Full Suite VOCs + oxygenates 8260	TPH DRO/GRO 8015B	Preservative Used	Analysis/ Method Required	REMARKS
1	MW-5 34'-36'	10/7/08	3:15	S	2	G	✓	✓						
2	MW-6 50'-52'	10/8/08	4:00	S	2	G	✓	✓						
3	MW-7 8'-10'	10/10/08	3:30	S	2	G	✓	✓						
4	MW-5 44'-46'	10/7/08	4:00	S	2	G	✓	✓						
5	GP-1	10/8/08	4:20	GW	7	G				✓	✓			Liters Not Preserved
6	GP-4	10/8/08	4:30	GW	7	G				✓	✓			" "
7	GP-8	10/8/08	4:45	GW	7	G				✓	✓			" "
8	GP-9	10/8/08	4:00	GW	7	G				✓	✓			" "

(5)

Relinquished By: (1)	Date	Time	Received By:
[signature]	10/13/08	1:40 12:40	J. Jaques
Relinquished By: (2)	Date	Time	Received By:
J. Jaco	10/13/08	1:59	[signature]
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

Requested Turnaround Time
☑ 5-Day ☐ 3-Day ☐ 2-Day
☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required:

# of Coolers: 1
Custody Seal: ABS
Ice Present: PRES Temp: 3°c
Shipping Carrier: DHL

Special Instructions:

Phase Separation Science, Inc

Sample Receipt Checklist

Wo Number	8101306	**Received By**	Rachel Davis
Client Name	Envirotech Consultants LLC	**Date Received**	10/13/2008 01:59:00 PM
Project Name	Eastern Petroleum	**Delivered By**	Dial Courier
Project Number	71099	**Tracking No**	Not Applicable
		Logged In By	Rachel Davis

Shipping Container(s)

No. of Coolers	1	Ice	Present
Custody Seals	Absent	Temp (deg C)	3
Seal Condition	None	Temp Blank Present	No

Documentation

COC agrees with sample labels?	X	Yes or ____ No
Chain of Custody (COC)	X	Yes or ____ No

Sample Container

Appropiate for Specified Analysis?	Yes X	No ___	Custody Seal(s)	Yes ___	No X
Intact?	X	____	Custody Seal(s) Intact?	___	X
Labeled and Labels Legible	X	____	Seal(s) Signed / Dated	___	X
Total No. of Samples Received	8		Total No. of Containers Received	36	

Preservation

		Yes	No	N/A
Metals	(pH<2)	____	____	X
Cyanides	(pH>12)	____	____	X
Sulfide	(pH>9)	____	____	X
TOC, COD, Phenols	(pH<2)	____	____	X
TOX, TKN, NH3, Total Phos	(pH<2)	____	____	X
VOC, BTEX (VOA Vials Rcvd Preserved)	(pH<2)	X	____	____
Do VOA vials have zero headspace?		X	____	____

Comments: (Any "No" response must be detailed in the comments section below.)

For any improper preservation conditions, list sample ID, preservative added (reagent ID number) below as well as documentation of any client notification as well as client instructions Samples for pH, chlorine and dissolved oxygen should be analyzed as soon as possible, preferably in the field at the time of sampling.

* RECEIVED APPROX 250mL OF SAMPLE IN AMBER FOR GP-4
10/13/8

Samples Inspected/Checklist Completed By: _____ Date: 10/13/8

PM Review and Approval: _____ Date: 10/14/08

Analytical Report for

Envirotech Consultants LLC

Certificate of Analysis No.: 9090306

Project Manager: Kip Kraus

Project Name : Transit Truck

Project Location: 8900 Veterans Hwy

Project ID : 71099

September 11, 2009

Phase Separation Science, Inc.

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PHASE SEPARATION SCIENCE, INC.

September 11, 2009

Kip Kraus
Envirotech Consultants LLC
2931 Whittington Avenue
Baltimore, MD 21230

Reference: PSS Work Order No: **9090306**
Project Name : Transit Truck
Project Location: 8900 Veterans Hwy
Project ID.: 71099

Dear Kip Kraus :

The attached Analytical and QC Summary lists the analytical results from the analyses performed on the samples received under the project name referenced above and identified with the Phase Separation Science (PSS) Work Order numbered **9090306**.

All work reported herein has been performed in accordance with referenced methodologies, PSS Standard Operating Procedures and the PSS Quality Assurance Manual. PSS is limited in liability to the actual cost of the sample analysis done.

PSS reserves the right to return any unused samples, extracts or related solutions. Otherwise, the samples are scheduled for disposal, without any further notice, on October 8, 2009. This includes any samples that were received with a request to be held but lacked a specific hold period. It is your responsibility to provide a written request defining a specific disposal date if additional storage is required. Upon receipt , the request will be acknowledged by PSS, thus extending the storage period.

This report shall not be reproduced except in full, without the written approval of an authorized PSS representative. A copy of this report will be retained by PSS for at least 10 years, after which time it will be disposed without further notice, unless prior arrangements have been made.

We thank you for selecting Phase Separation Science, Inc. to serve your analytical needs. If you have any questions concerning this report, do not hesitate to contact us at 410-747-8770 or info@phaseonline.com.

John Richardson
Laboratory Director

Case Narrative Summary

Client Name: Envirotech Consultants LLC

Project Name: Transit Truck

Project ID: 71099

Work Order Number: 9090306

The following samples were received under chain of custody by Phase Separation Science (PSS) on 09/03/2009 at 12:45 pm

Lab Sample Id	Sample Id	Matrix	Date/Time Collected
9090306-001	GP-12 (10-14.5)	SOIL	08/28/2009 09:00
9090306-002	GP-13 (5-10)	SOIL	08/28/2009 10:30
9090306-003	GP-14 (10-15)	SOIL	08/28/2009 11:45
9090306-004	GP-15 (5-10)	SOIL	08/28/2009 13:30

Please reference the Chain of Custody and Sample Receipt Checklist for specific container counts and preservatives. Any sample conditions not in compliance with sample acceptance criteria are described in the Sample Receipt Checklist.

Any holding time exceedances, deviations from the method specifications, regulatory requirements or variations to the procedures outlined in the PSS Quality Assurance Manual are outlined below.

Notes:

1. The presence of common laboratory contaminants such as acetone, methylene chloride and phthalates, may be considered a possible laboratory artifact. Where observed, appropriate consideration of data should be taken.
2. The following analytical results are never reported on a dry weight basis: pH, flashpoint, moisture and paint filter test.
3. Drinking water samples collected for the purpose of compliance with SDWA may not be suitable for their intended use unless collected by a certified sampler [COMAR 26.08.05.07.C.2].

Standard Flags/Abbreviations:

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
C Results Pending Final Confirmation.
D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
J The target analyte was positively identified below the reporting limit but greater than one-half of the reporting limit.
ND Not Detected at or above the reporting limit.
RL Reporting Limit.
U Not detected.

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9090306

Envirotech Consultants LLC, Baltimore, MD

September 11, 2009

Project Name: Transit Truck
Project Location: 8900 Veterans Hwy
Project ID: 71099

Sample ID: GP-12 (10-14.5) | **Date/Time Sampled: 08/28/2009 09:00** | **PSS Sample ID: 9090306-001**
Matrix: SOIL | **Date/Time Received: 09/03/2009 12:45** | **% Solids: 83**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**14**	mg/kg	12		1	09/05/09	09/09/09 13:56	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**6,300**	ug/kg	1,200		10	09/08/09	09/08/09 11:43	1035

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CERTIFICATE OF ANALYSIS

No: 9090306

Envirotech Consultants LLC, Baltimore, MD

September 11, 2009

Project Name: Transit Truck
Project Location: 8900 Veterans Hwy
Project ID: 71099

Sample ID: GP-12 (10-14.5) | **Date/Time Sampled: 08/28/2009 09:00** | **PSS Sample ID: 9090306-001**
Matrix: SOIL | **Date/Time Received: 09/03/2009 12:45** | **% Solids: 83**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
Chloromethane	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
Vinyl Chloride	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
tert-Butyl alcohol	ND	ug/kg	240		5	09/09/09	09/09/09 17:09	1035
Bromomethane	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
Chloroethane	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
Acetone	ND	ug/kg	120		5	09/09/09	09/09/09 17:09	1035
Cyclohexane	ND	ug/kg	120		5	09/09/09	09/09/09 17:09	1035
Trichlorofluoromethane	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
1,1-Dichloroethene	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
Methylene Chloride	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
trans-1,2-Dichloroethene	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
Methyl-t-butyl ether	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
1,1-Dichloroethane	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
2-Butanone (MEK)	ND	ug/kg	120		5	09/09/09	09/09/09 17:09	1035
cis-1,2-Dichloroethene	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
Chloroform	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
1,1,1-Trichloroethane	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
1,2-Dichloroethane	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
Carbon Tetrachloride	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
Benzene	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
Dibromomethane	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
1,2-Dichloropropane	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
Carbon Disulfide	ND	ug/kg	60		5	09/09/09	09/09/09 17:09	1035
Trichloroethene	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
Bromodichloromethane	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
cis-1,3-Dichloropropene	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
4-Methyl-2-Pentanone	ND	ug/kg	120		5	09/09/09	09/09/09 17:09	1035
trans-1,3-Dichloropropene	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9090306

Envirotech Consultants LLC, Baltimore, MD

September 11, 2009

Project Name: Transit Truck
Project Location: 8900 Veterans Hwy
Project ID: 71099

Sample ID: GP-12 (10-14.5) | **Date/Time Sampled: 08/28/2009 09:00** | **PSS Sample ID: 9090306-001**
Matrix: SOIL | **Date/Time Received: 09/03/2009 12:45** | **% Solids: 83**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
Toluene	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
2-Hexanone	ND	ug/kg	120		5	09/09/09	09/09/09 17:09	1035
1,2-Dibromoethane (EDB)	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
Dibromochloromethane	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
tert-Butyl ethyl ether	ND	ug/kg	60		5	09/09/09	09/09/09 17:09	1035
tert-Amyl methyl ether	ND	ug/kg	240		5	09/09/09	09/09/09 17:09	1035
Diisopropyl ether	ND	ug/kg	60		5	09/09/09	09/09/09 17:09	1035
tert-Amyl ethyl ether	ND	ug/kg	240		5	09/09/09	09/09/09 17:09	1035
tert-Amyl alcohol	**390**	ug/kg	240		5	09/09/09	09/09/09 17:09	1035
Bromoform	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
Tetrachloroethene	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
Chlorobenzene	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
Ethylbenzene	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
m,p-Xylenes	ND	ug/kg	60		5	09/09/09	09/09/09 17:09	1035
Styrene	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
1,1,2,2-Tetrachloroethane	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
o-Xylene	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
Isopropylbenzene	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
1,3-Dichlorobenzene	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
1,4-Dichlorobenzene	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
1,2-Dichlorobenzene	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
1,2-Dibromo-3-Chloropropane	ND	ug/kg	240		5	09/09/09	09/09/09 17:09	1035
1,2,4-Trichlorobenzene	ND	ug/kg	30		5	09/09/09	09/09/09 17:09	1035
Naphthalene	**270**	ug/kg	30		5	09/09/09	09/09/09 17:09	1035

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CERTIFICATE OF ANALYSIS

No: 9090306

Envirotech Consultants LLC, Baltimore, MD

September 11, 2009

Project Name: Transit Truck
Project Location: 8900 Veterans Hwy
Project ID: 71099

Sample ID: GP-13 (5-10) | **Date/Time Sampled: 08/28/2009 10:30** | **PSS Sample ID: 9090306-002**
Matrix: SOIL | **Date/Time Received: 09/03/2009 12:45** | **% Solids: 93**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/kg	11		1	09/05/09	09/09/09 14:18	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**350**	ug/kg	110		1	09/04/09	09/05/09 05:20	1035

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CERTIFICATE OF ANALYSIS

No: 9090306

Envirotech Consultants LLC, Baltimore, MD

September 11, 2009

Project Name: Transit Truck
Project Location: 8900 Veterans Hwy
Project ID: 71099

Sample ID: GP-13 (5-10) | **Date/Time Sampled: 08/28/2009 10:30** | **PSS Sample ID: 9090306-002**
Matrix: SOIL | **Date/Time Received: 09/03/2009 12:45** | **% Solids: 93**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
Chloromethane	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
Vinyl Chloride	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
tert-Butyl alcohol	ND	ug/kg	220		5	09/10/09	09/10/09 13:00	1035
Bromomethane	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
Chloroethane	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
Acetone	ND	ug/kg	110		5	09/10/09	09/10/09 13:00	1035
Cyclohexane	ND	ug/kg	110		5	09/10/09	09/10/09 13:00	1035
Trichlorofluoromethane	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
1,1-Dichloroethene	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
Methylene Chloride	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
trans-1,2-Dichloroethene	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
Methyl-t-butyl ether	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
1,1-Dichloroethane	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
2-Butanone (MEK)	ND	ug/kg	110		5	09/10/09	09/10/09 13:00	1035
cis-1,2-Dichloroethene	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
Chloroform	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
1,1,1-Trichloroethane	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
1,2-Dichloroethane	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
Carbon Tetrachloride	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
Benzene	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
Dibromomethane	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
1,2-Dichloropropane	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
Carbon Disulfide	ND	ug/kg	54		5	09/10/09	09/10/09 13:00	1035
Trichloroethene	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
Bromodichloromethane	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
cis-1,3-Dichloropropene	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
4-Methyl-2-Pentanone	ND	ug/kg	110		5	09/10/09	09/10/09 13:00	1035
trans-1,3-Dichloropropene	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9090306

Envirotech Consultants LLC, Baltimore, MD

September 11, 2009

Project Name: Transit Truck
Project Location: 8900 Veterans Hwy
Project ID: 71099

Sample ID: GP-13 (5-10) | **Date/Time Sampled: 08/28/2009 10:30** | **PSS Sample ID: 9090306-002**
Matrix: SOIL | **Date/Time Received: 09/03/2009 12:45** | **% Solids: 93**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
Toluene	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
2-Hexanone	ND	ug/kg	110		5	09/10/09	09/10/09 13:00	1035
1,2-Dibromoethane (EDB)	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
Dibromochloromethane	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
tert-Butyl ethyl ether	ND	ug/kg	54		5	09/10/09	09/10/09 13:00	1035
tert-Amyl methyl ether	ND	ug/kg	220		5	09/10/09	09/10/09 13:00	1035
Diisopropyl ether	ND	ug/kg	54		5	09/10/09	09/10/09 13:00	1035
tert-Amyl ethyl ether	ND	ug/kg	220		5	09/10/09	09/10/09 13:00	1035
tert-Amyl alcohol	ND	ug/kg	220		5	09/10/09	09/10/09 13:00	1035
Bromoform	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
Tetrachloroethene	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
Chlorobenzene	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
Ethylbenzene	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
m,p-Xylenes	ND	ug/kg	54		5	09/10/09	09/10/09 13:00	1035
Styrene	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
1,1,2,2-Tetrachloroethane	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
o-Xylene	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
Isopropylbenzene	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
1,3-Dichlorobenzene	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
1,4-Dichlorobenzene	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
1,2-Dichlorobenzene	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
1,2-Dibromo-3-Chloropropane	ND	ug/kg	220		5	09/10/09	09/10/09 13:00	1035
1,2,4-Trichlorobenzene	ND	ug/kg	27		5	09/10/09	09/10/09 13:00	1035
Naphthalene	**39**	ug/kg	27		5	09/10/09	09/10/09 13:00	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9090306

Envirotech Consultants LLC, Baltimore, MD

September 11, 2009

Project Name: Transit Truck
Project Location: 8900 Veterans Hwy
Project ID: 71099

Sample ID: GP-14 (10-15) | **Date/Time Sampled: 08/28/2009 11:45** | **PSS Sample ID: 9090306-003**
Matrix: SOIL | **Date/Time Received: 09/03/2009 12:45** | **% Solids: 82**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**26**	mg/kg	12		1	09/05/09	09/09/09 14:18	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**10,000**	ug/kg	120		1	09/04/09	09/05/09 05:50	1035

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CERTIFICATE OF ANALYSIS

No: 9090306

Envirotech Consultants LLC, Baltimore, MD

September 11, 2009

Project Name: Transit Truck
Project Location: 8900 Veterans Hwy
Project ID: 71099

Sample ID: GP-14 (10-15) | **Date/Time Sampled: 08/28/2009 11:45** | **PSS Sample ID: 9090306-003**
Matrix: SOIL | **Date/Time Received: 09/03/2009 12:45** | **% Solids: 82**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
Chloromethane	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
Vinyl Chloride	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
tert-Butyl alcohol	ND	ug/kg	240		5	09/09/09	09/09/09 17:38	1035
Bromomethane	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
Chloroethane	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
Acetone	ND	ug/kg	120		5	09/09/09	09/09/09 17:38	1035
Cyclohexane	ND	ug/kg	120		5	09/09/09	09/09/09 17:38	1035
Trichlorofluoromethane	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
1,1-Dichloroethene	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
Methylene Chloride	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
trans-1,2-Dichloroethene	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
Methyl-t-butyl ether	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
1,1-Dichloroethane	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
2-Butanone (MEK)	ND	ug/kg	120		5	09/09/09	09/09/09 17:38	1035
cis-1,2-Dichloroethene	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
Chloroform	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
1,1,1-Trichloroethane	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
1,2-Dichloroethane	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
Carbon Tetrachloride	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
Benzene	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
Dibromomethane	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
1,2-Dichloropropane	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
Carbon Disulfide	ND	ug/kg	61		5	09/09/09	09/09/09 17:38	1035
Trichloroethene	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
Bromodichloromethane	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
cis-1,3-Dichloropropene	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
4-Methyl-2-Pentanone	ND	ug/kg	120		5	09/09/09	09/09/09 17:38	1035
trans-1,3-Dichloropropene	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9090306

Envirotech Consultants LLC, Baltimore, MD

September 11, 2009

Project Name: Transit Truck
Project Location: 8900 Veterans Hwy
Project ID: 71099

Sample ID: GP-14 (10-15) | **Date/Time Sampled: 08/28/2009 11:45** | **PSS Sample ID: 9090306-003**
Matrix: SOIL | **Date/Time Received: 09/03/2009 12:45** | **% Solids: 82**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
Toluene	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
2-Hexanone	ND	ug/kg	120		5	09/09/09	09/09/09 17:38	1035
1,2-Dibromoethane (EDB)	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
Dibromochloromethane	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
tert-Butyl ethyl ether	ND	ug/kg	61		5	09/09/09	09/09/09 17:38	1035
tert-Amyl methyl ether	ND	ug/kg	240		5	09/09/09	09/09/09 17:38	1035
Diisopropyl ether	ND	ug/kg	61		5	09/09/09	09/09/09 17:38	1035
tert-Amyl ethyl ether	ND	ug/kg	240		5	09/09/09	09/09/09 17:38	1035
tert-Amyl alcohol	**1,300**	ug/kg	240		5	09/09/09	09/09/09 17:38	1035
Bromoform	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
Tetrachloroethene	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
Chlorobenzene	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
Ethylbenzene	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
m,p-Xylenes	ND	ug/kg	61		5	09/09/09	09/09/09 17:38	1035
Styrene	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
1,1,2,2-Tetrachloroethane	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
o-Xylene	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
Isopropylbenzene	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
1,3-Dichlorobenzene	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
1,4-Dichlorobenzene	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
1,2-Dichlorobenzene	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
1,2-Dibromo-3-Chloropropane	ND	ug/kg	240		5	09/09/09	09/09/09 17:38	1035
1,2,4-Trichlorobenzene	ND	ug/kg	31		5	09/09/09	09/09/09 17:38	1035
Naphthalene	**110**	ug/kg	31		5	09/09/09	09/09/09 17:38	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9090306

Envirotech Consultants LLC, Baltimore, MD

September 11, 2009

Project Name: Transit Truck
Project Location: 8900 Veterans Hwy
Project ID: 71099

Sample ID: GP-15 (5-10) | **Date/Time Sampled: 08/28/2009 13:30** | **PSS Sample ID: 9090306-004**
Matrix: SOIL | **Date/Time Received: 09/03/2009 12:45** | **% Solids: 88**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/kg	11		1	09/05/09	09/09/09 14:39	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**140**	ug/kg	110		1	09/04/09	09/05/09 06:20	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9090306

Envirotech Consultants LLC, Baltimore, MD

September 11, 2009

Project Name: Transit Truck
Project Location: 8900 Veterans Hwy
Project ID: 71099

Sample ID: GP-15 (5-10) | **Date/Time Sampled: 08/28/2009 13:30** | **PSS Sample ID: 9090306-004**
Matrix: SOIL | **Date/Time Received: 09/03/2009 12:45** | **% Solids: 88**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
Chloromethane	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
Vinyl Chloride	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
tert-Butyl alcohol	ND	ug/kg	45		1	09/09/09	09/09/09 16:41	1035
Bromomethane	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
Chloroethane	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
Acetone	ND	ug/kg	23		1	09/09/09	09/09/09 16:41	1035
Cyclohexane	ND	ug/kg	23		1	09/09/09	09/09/09 16:41	1035
Trichlorofluoromethane	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
1,1-Dichloroethene	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
Methylene Chloride	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
trans-1,2-Dichloroethene	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
Methyl-t-butyl ether	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
1,1-Dichloroethane	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
2-Butanone (MEK)	ND	ug/kg	23		1	09/09/09	09/09/09 16:41	1035
cis-1,2-Dichloroethene	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
Chloroform	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
1,1,1-Trichloroethane	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
1,2-Dichloroethane	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
Carbon Tetrachloride	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
Benzene	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
Dibromomethane	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
1,2-Dichloropropane	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
Carbon Disulfide	ND	ug/kg	11		1	09/09/09	09/09/09 16:41	1035
Trichloroethene	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
Bromodichloromethane	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
cis-1,3-Dichloropropene	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
4-Methyl-2-Pentanone	ND	ug/kg	23		1	09/09/09	09/09/09 16:41	1035
trans-1,3-Dichloropropene	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9090306

Envirotech Consultants LLC, Baltimore, MD

September 11, 2009

Project Name: Transit Truck
Project Location: 8900 Veterans Hwy
Project ID: 71099

Sample ID: GP-15 (5-10) | **Date/Time Sampled: 08/28/2009 13:30** | **PSS Sample ID: 9090306-004**
Matrix: SOIL | **Date/Time Received: 09/03/2009 12:45** | **% Solids: 88**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
Toluene	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
2-Hexanone	ND	ug/kg	23		1	09/09/09	09/09/09 16:41	1035
1,2-Dibromoethane (EDB)	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
Dibromochloromethane	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
tert-Butyl ethyl ether	ND	ug/kg	11		1	09/09/09	09/09/09 16:41	1035
tert-Amyl methyl ether	ND	ug/kg	45		1	09/09/09	09/09/09 16:41	1035
Diisopropyl ether	ND	ug/kg	11		1	09/09/09	09/09/09 16:41	1035
tert-Amyl ethyl ether	ND	ug/kg	45		1	09/09/09	09/09/09 16:41	1035
tert-Amyl alcohol	ND	ug/kg	45		1	09/09/09	09/09/09 16:41	1035
Bromoform	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
Tetrachloroethene	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
Chlorobenzene	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
Ethylbenzene	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
m,p-Xylenes	ND	ug/kg	11		1	09/09/09	09/09/09 16:41	1035
Styrene	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
1,1,2,2-Tetrachloroethane	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
o-Xylene	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
Isopropylbenzene	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
1,3-Dichlorobenzene	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
1,4-Dichlorobenzene	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
1,2-Dichlorobenzene	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
1,2-Dibromo-3-Chloropropane	ND	ug/kg	45		1	09/09/09	09/09/09 16:41	1035
1,2,4-Trichlorobenzene	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035
Naphthalene	ND	ug/kg	6		1	09/09/09	09/09/09 16:41	1035

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

(1)
CLIENT: EnviroTech OFFICE LOC. Balt Md
PROJECT MGR: Kip Krauss PHONE NO.: (410) 294-2061
EMAIL: kkraus@envirotechllc.com FAX NO.: ( )
PROJECT NAME: Transit Truck PROJECT NO.: 71099
SITE LOCATION: 8900 Veterans Hwy P.O. NO.: 5132
SAMPLERS: KK

PSS Work Order #: 90903006 PAGE 1 OF 1

Matrix Codes:
SW=Surface Wtr DW=Drinking Wrt GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil WL=Waste Liquid WS=Waste Solid W= Wipe

(2) (3) Analysis/Method Required

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	Fuel Suite VOCS + Oxygenates 8260	TPH (GRO/DRO) 8015										REMARKS
1	GP-12 (10-14.5)	8/28/09	9:00	S	2	G	✓	✓										
2	GP-13 (5-10)	↓	10:30	S	2	G	✓	✓										
3	GP-14 (10-15)	↓	11:45	S	2	G	✓	✓										
4	GP-15 (5-10)	↓	1:30	S	2	G	✓	✓										

Preservatives Used:

(5)

Relinquished By	Date	Time	Received By
(1) [signature]	9/3/09	12:30	[signature] 210
(2) [signature] 210	9/3/09	245	[signature]
(3)			
(4)			

(4) **Requested Turnaround Time**
☑ 5-Day ☐ 3-Day ☐ 2-Day
☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required:

Special Instructions:

# of Coolers: 1
Custody Seal: ABS
Ice Present: PRES Temp: 3°C
Shipping Carrier: DIAL

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Phase Separation Science, Inc

Sample Receipt Checklist

Wo Number	9090306	**Received By**	Rachel Davis
Client Name	Envirotech Consultants LLC	**Date Received**	09/03/2009 12:45:00 PM
Project Name	Transit Truck	**Delivered By**	Dial Courier
Project Number	71099	**Tracking No**	Not Applicable
Disposal Date:	10/08/2009	**Logged In By**	Rachel Davis

Shipping Container(s)

No of Coolers	1	Ice	Present
Custody Seals	Absent	Temp (deg C)	3
Seal Condition	Not Applicable	Temp Blank Present	No

Documentation

COC agrees with sample labels? X Yes or ____ No Sampler Name: Kip Kraus

Chain of Custody (COC) X Yes or ____ No MD DW Cert No : N/A

Sample Container

Appropiate for Specified Analysis?	Yes X No ___	Custody Seal(s)	Absent
Intact?	X ____	Custody Seal(s) Intact?	Not Applicable
Labeled and Labels Legible	X ____	Seal(s) Signed / Dated	Not Applicable
Total No. of Samples Received	4	Total No. of Containers Received	8

Preservation

		Yes	No	N/A
Metals	(pH<2)	____	____	X
Cyanides	(pH>12)	____	____	X
Sulfide	(pH>9)	____	____	X
TOC, COD, Phenols	(pH<2)	____	____	X
TOX, TKN, NH3, Total Phos	(pH<2)	____	____	X
VOC, BTEX (VOA Vials Rcvd Preserved)	(pH<2)	____	____	X
Do VOA vials have zero headspace?		____	____	X

Comments: (Any "No" response must be detailed in the comments section below.)

For any improper preservation conditions, list sample ID, preservative added (reagent ID number) below as well as documentation of any client notification as well as client instructions. Samples for pH, chlorine and dissolved oxygen should be analyzed as soon as possible, preferably in the field at the time of sampling.

Samples Inspected/Checklist Completed By: _____ Date: 9/3/9

PM Review and Approval: _____ Date: 9/4/09

Printed: 09/03/2009 03:34 PM

Analytical Report for

Envirotech Consultants LLC

Certificate of Analysis No.: 9092404

Project Manager: Kip Kraus

Project Name : Transit

Project Location: Millersville, MD

Project ID : 71099

October 1, 2009

Phase Separation Science, Inc.

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PHASE SEPARATION SCIENCE, INC.

October 1, 2009

Kip Kraus
Envirotech Consultants LLC
2931 Whittington Avenue
Baltimore, MD 21230

Reference: PSS Work Order No: **9092404**
Project Name : Transit
Project Location: Millersville, MD
Project ID.: 71099

Dear Kip Kraus :

The attached Analytical and QC Summary lists the analytical results from the analyses performed on the samples received under the project name referenced above and identified with the Phase Separation Science (PSS) Work Order numbered **9092404**.

All work reported herein has been performed in accordance with referenced methodologies, PSS Standard Operating Procedures and the PSS Quality Assurance Manual. PSS is limited in liability to the actual cost of the sample analysis done.

PSS reserves the right to return any unused samples, extracts or related solutions. Otherwise, the samples are scheduled for disposal, without any further notice, on October 29, 2009. This includes any samples that were received with a request to be held but lacked a specific hold period. It is your responsibility to provide a written request defining a specific disposal date if additional storage is required. Upon receipt , the request will be acknowledged by PSS, thus extending the storage period.

This report shall not be reproduced except in full, without the written approval of an authorized PSS representative. A copy of this report will be retained by PSS for at least 10 years, after which time it will be disposed without further notice, unless prior arrangements have been made.

We thank you for selecting Phase Separation Science, Inc. to serve your analytical needs. If you have any questions concerning this report, do not hesitate to contact us at 410-747-8770 or info@phaseonline.com.

Dan Prucnal
Laboratory Manager

Case Narrative Summary

Client Name: Envirotech Consultants LLC

Project Name: Transit

Project ID: 71099

Work Order Number: 9092404

The following samples were received under chain of custody by Phase Separation Science (PSS) on 09/24/2009 at 01:15 pm

Lab Sample Id	Sample Id	Matrix	Date/Time Collected
9092404-001	MW-14 (30-32)	SOIL	09/21/2009 09:00
9092404-002	GP-16 (10-15)	SOIL	09/23/2009 10:00
9092404-003	GP-16 (13-15)	SOIL	09/23/2009 10:05
9092404-004	GP-17 (10-13)	SOIL	09/23/2009 11:00
9092404-005	GP-17 (13-15)	SOIL	09/23/2009 11:05
9092404-006	GP-18 (10-15)	SOIL	09/23/2009 12:30
9092404-007	GP-18 (15-18)	SOIL	09/23/2009 12:45
9092404-008	GP-19 (0-5)	SOIL	09/23/2009 13:30
9092404-009	GP-19 (10-14)	SOIL	09/23/2009 13:45
9092404-010	DW-1 (28-31)	SOIL	09/23/2009 14:30

Please reference the Chain of Custody and Sample Receipt Checklist for specific container counts and preservatives. Any sample conditions not in compliance with sample acceptance criteria are described in the Sample Receipt Checklist.

Any holding time exceedances, deviations from the method specifications, regulatory requirements or variations to the procedures outlined in the PSS Quality Assurance Manual are outlined below.

Notes:

1. The presence of common laboratory contaminants such as acetone, methylene chloride and phthalates, may be considered a possible laboratory artifact. Where observed, appropriate consideration of data should be taken.
2. The following analytical results are never reported on a dry weight basis: pH, flashpoint, moisture and paint filter test.
3. Drinking water samples collected for the purpose of compliance with SDWA may not be suitable for their intended use unless collected by a certified sampler [COMAR 26.08.05.07.C.2].

Standard Flags/Abbreviations:

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
C Results Pending Final Confirmation.
D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
J The target analyte was positively identified below the reporting limit but greater than one-half of the reporting limit.
ND Not Detected at or above the reporting limit.
RL Reporting Limit.
U Not detected.

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9092404

Envirotech Consultants LLC, Baltimore, MD

October 1, 2009

Project Name: Transit
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-14 (30-32) | **Date/Time Sampled: 09/21/2009 09:00** | **PSS Sample ID: 9092404-001**
Matrix: SOIL | **Date/Time Received: 09/24/2009 13:15** | **% Solids: 95**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/kg	10		1	09/28/09	09/28/09 13:52	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/kg	100		1	09/28/09	09/28/09 13:20	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9092404

Envirotech Consultants LLC, Baltimore, MD

October 1, 2009

Project Name: Transit
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-14 (30-32) | **Date/Time Sampled: 09/21/2009 09:00** | **PSS Sample ID: 9092404-001**
Matrix: SOIL | **Date/Time Received: 09/24/2009 13:15** | **% Solids: 95**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
Chloromethane	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
Vinyl Chloride	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
tert-Butyl alcohol	ND	ug/kg	220		1	09/29/09	09/29/09 14:53	1011
Bromomethane	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
Chloroethane	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
Acetone	ND	ug/kg	110		1	09/29/09	09/29/09 14:53	1011
Cyclohexane	ND	ug/kg	110		1	09/29/09	09/29/09 14:53	1011
Trichlorofluoromethane	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
1,1-Dichloroethene	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
Methylene Chloride	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
trans-1,2-Dichloroethene	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
Methyl-t-butyl ether	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
1,1-Dichloroethane	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
2-Butanone (MEK)	ND	ug/kg	110		1	09/29/09	09/29/09 14:53	1011
cis-1,2-Dichloroethene	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
Chloroform	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
1,1,1-Trichloroethane	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
1,2-Dichloroethane	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
Carbon Tetrachloride	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
Benzene	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
Dibromomethane	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
1,2-Dichloropropane	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
Carbon Disulfide	ND	ug/kg	56		1	09/29/09	09/29/09 14:53	1011
Trichloroethene	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
Bromodichloromethane	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
cis-1,3-Dichloropropene	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
4-Methyl-2-Pentanone	ND	ug/kg	110		1	09/29/09	09/29/09 14:53	1011
trans-1,3-Dichloropropene	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9092404

Envirotech Consultants LLC, Baltimore, MD

October 1, 2009

Project Name: Transit
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-14 (30-32) | **Date/Time Sampled: 09/21/2009 09:00** | **PSS Sample ID: 9092404-001**
Matrix: SOIL | **Date/Time Received: 09/24/2009 13:15** | **% Solids: 95**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
Toluene	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
2-Hexanone	ND	ug/kg	110		1	09/29/09	09/29/09 14:53	1011
1,2-Dibromoethane (EDB)	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
Dibromochloromethane	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
tert-Butyl ethyl ether	ND	ug/kg	56		1	09/29/09	09/29/09 14:53	1011
tert-Amyl methyl ether	ND	ug/kg	220		1	09/29/09	09/29/09 14:53	1011
Diisopropyl ether	ND	ug/kg	56		1	09/29/09	09/29/09 14:53	1011
tert-Amyl ethyl ether	ND	ug/kg	220		1	09/29/09	09/29/09 14:53	1011
tert-Amyl alcohol	ND	ug/kg	220		1	09/29/09	09/29/09 14:53	1011
Bromoform	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
Tetrachloroethene	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
Chlorobenzene	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
Ethylbenzene	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
m,p-Xylenes	ND	ug/kg	56		1	09/29/09	09/29/09 14:53	1011
Styrene	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
1,1,2,2-Tetrachloroethane	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
o-Xylene	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
Isopropylbenzene	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
1,3-Dichlorobenzene	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
1,4-Dichlorobenzene	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
1,2-Dichlorobenzene	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
1,2-Dibromo-3-Chloropropane	ND	ug/kg	220		1	09/29/09	09/29/09 14:53	1011
1,2,4-Trichlorobenzene	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011
Naphthalene	ND	ug/kg	28		1	09/29/09	09/29/09 14:53	1011

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CERTIFICATE OF ANALYSIS

No: 9092404

Envirotech Consultants LLC, Baltimore, MD

October 1, 2009

Project Name: Transit
Project Location: Millersville, MD
Project ID: 71099

Sample ID: GP-16 (10-15) | **Date/Time Sampled: 09/23/2009 10:00** | **PSS Sample ID: 9092404-002**
Matrix: SOIL | **Date/Time Received: 09/24/2009 13:15** | **% Solids: 91**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**180**	mg/kg	11		1	09/28/09	09/28/09 14:14	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**17,000**	ug/kg	1,100		10	09/28/09	09/28/09 15:20	1035

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CERTIFICATE OF ANALYSIS

No: 9092404

Envirotech Consultants LLC, Baltimore, MD

October 1, 2009

Project Name: Transit
Project Location: Millersville, MD
Project ID: 71099

Sample ID: GP-16 (10-15) | **Date/Time Sampled: 09/23/2009 10:00** | **PSS Sample ID: 9092404-002**
Matrix: SOIL | **Date/Time Received: 09/24/2009 13:15** | **% Solids: 91**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
Chloromethane	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
Vinyl Chloride	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
tert-Butyl alcohol	ND	ug/kg	230		1	09/29/09	09/29/09 15:51	1011
Bromomethane	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
Chloroethane	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
Acetone	ND	ug/kg	110		1	09/29/09	09/29/09 15:51	1011
Cyclohexane	ND	ug/kg	110		1	09/29/09	09/29/09 15:51	1011
Trichlorofluoromethane	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
1,1-Dichloroethene	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
Methylene Chloride	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
trans-1,2-Dichloroethene	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
Methyl-t-butyl ether	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
1,1-Dichloroethane	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
2-Butanone (MEK)	ND	ug/kg	110		1	09/29/09	09/29/09 15:51	1011
cis-1,2-Dichloroethene	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
Chloroform	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
1,1,1-Trichloroethane	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
1,2-Dichloroethane	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
Carbon Tetrachloride	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
Benzene	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
Dibromomethane	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
1,2-Dichloropropane	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
Carbon Disulfide	ND	ug/kg	57		1	09/29/09	09/29/09 15:51	1011
Trichloroethene	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
Bromodichloromethane	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
cis-1,3-Dichloropropene	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
4-Methyl-2-Pentanone	ND	ug/kg	110		1	09/29/09	09/29/09 15:51	1011
trans-1,3-Dichloropropene	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011

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CERTIFICATE OF ANALYSIS

No: 9092404

Envirotech Consultants LLC, Baltimore, MD

October 1, 2009

Project Name: Transit
Project Location: Millersville, MD
Project ID: 71099

Sample ID: GP-16 (10-15) | **Date/Time Sampled: 09/23/2009 10:00** | **PSS Sample ID: 9092404-002**
Matrix: SOIL | **Date/Time Received: 09/24/2009 13:15** | **% Solids: 91**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
Toluene	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
2-Hexanone	ND	ug/kg	110		1	09/29/09	09/29/09 15:51	1011
1,2-Dibromoethane (EDB)	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
Dibromochloromethane	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
tert-Butyl ethyl ether	ND	ug/kg	57		1	09/29/09	09/29/09 15:51	1011
tert-Amyl methyl ether	ND	ug/kg	230		1	09/29/09	09/29/09 15:51	1011
Diisopropyl ether	ND	ug/kg	57		1	09/29/09	09/29/09 15:51	1011
tert-Amyl ethyl ether	ND	ug/kg	230		1	09/29/09	09/29/09 15:51	1011
tert-Amyl alcohol	ND	ug/kg	230		1	09/29/09	09/29/09 15:51	1011
Bromoform	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
Tetrachloroethene	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
Chlorobenzene	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
Ethylbenzene	**37**	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
m,p-Xylenes	**170**	ug/kg	57		1	09/29/09	09/29/09 15:51	1011
Styrene	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
1,1,2,2-Tetrachloroethane	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
o-Xylene	**120**	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
Isopropylbenzene	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
1,3-Dichlorobenzene	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
1,4-Dichlorobenzene	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
1,2-Dichlorobenzene	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
1,2-Dibromo-3-Chloropropane	ND	ug/kg	230		1	09/29/09	09/29/09 15:51	1011
1,2,4-Trichlorobenzene	ND	ug/kg	29		1	09/29/09	09/29/09 15:51	1011
Naphthalene	**490**	ug/kg	29		1	09/29/09	09/29/09 15:51	1011

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CERTIFICATE OF ANALYSIS

No: 9092404

Envirotech Consultants LLC, Baltimore, MD

October 1, 2009

Project Name: Transit
Project Location: Millersville, MD
Project ID: 71099

Sample ID: GP-16 (13-15) | **Date/Time Sampled: 09/23/2009 10:05** | **PSS Sample ID: 9092404-003**
Matrix: SOIL | **Date/Time Received: 09/24/2009 13:15** | **% Solids: 90**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/kg	11		1	09/28/09	09/28/09 14:35	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/kg	110		1	09/28/09	09/28/09 13:50	1035

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No: 9092404

Envirotech Consultants LLC, Baltimore, MD

October 1, 2009

Project Name: Transit
Project Location: Millersville, MD
Project ID: 71099

Sample ID: GP-16 (13-15) | **Date/Time Sampled: 09/23/2009 10:05** | **PSS Sample ID: 9092404-003**
Matrix: SOIL | **Date/Time Received: 09/24/2009 13:15** | **% Solids: 90**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
Chloromethane	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
Vinyl Chloride	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
tert-Butyl alcohol	ND	ug/kg	44		1	09/28/09	09/28/09 17:47	1011
Bromomethane	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
Chloroethane	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
Acetone	ND	ug/kg	22		1	09/28/09	09/28/09 17:47	1011
Cyclohexane	ND	ug/kg	22		1	09/28/09	09/28/09 17:47	1011
Trichlorofluoromethane	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
1,1-Dichloroethene	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
Methylene Chloride	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
trans-1,2-Dichloroethene	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
Methyl-t-butyl ether	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
1,1-Dichloroethane	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
2-Butanone (MEK)	ND	ug/kg	22		1	09/28/09	09/28/09 17:47	1011
cis-1,2-Dichloroethene	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
Chloroform	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
1,1,1-Trichloroethane	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
1,2-Dichloroethane	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
Carbon Tetrachloride	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
Benzene	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
Dibromomethane	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
1,2-Dichloropropane	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
Carbon Disulfide	ND	ug/kg	11		1	09/28/09	09/28/09 17:47	1011
Trichloroethene	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
Bromodichloromethane	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
cis-1,3-Dichloropropene	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
4-Methyl-2-Pentanone	ND	ug/kg	22		1	09/28/09	09/28/09 17:47	1011
trans-1,3-Dichloropropene	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9092404

Envirotech Consultants LLC, Baltimore, MD

October 1, 2009

Project Name: Transit
Project Location: Millersville, MD
Project ID: 71099

Sample ID: GP-16 (13-15) | **Date/Time Sampled: 09/23/2009 10:05** | **PSS Sample ID: 9092404-003**
Matrix: SOIL | **Date/Time Received: 09/24/2009 13:15** | **% Solids: 90**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
Toluene	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
2-Hexanone	ND	ug/kg	22		1	09/28/09	09/28/09 17:47	1011
1,2-Dibromoethane (EDB)	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
Dibromochloromethane	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
tert-Butyl ethyl ether	ND	ug/kg	11		1	09/28/09	09/28/09 17:47	1011
tert-Amyl methyl ether	ND	ug/kg	44		1	09/28/09	09/28/09 17:47	1011
Diisopropyl ether	ND	ug/kg	11		1	09/28/09	09/28/09 17:47	1011
tert-Amyl ethyl ether	ND	ug/kg	44		1	09/28/09	09/28/09 17:47	1011
tert-Amyl alcohol	ND	ug/kg	44		1	09/28/09	09/28/09 17:47	1011
Bromoform	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
Tetrachloroethene	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
Chlorobenzene	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
Ethylbenzene	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
m,p-Xylenes	ND	ug/kg	11		1	09/28/09	09/28/09 17:47	1011
Styrene	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
1,1,2,2-Tetrachloroethane	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
o-Xylene	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
Isopropylbenzene	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
1,3-Dichlorobenzene	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
1,4-Dichlorobenzene	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
1,2-Dichlorobenzene	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
1,2-Dibromo-3-Chloropropane	ND	ug/kg	44		1	09/28/09	09/28/09 17:47	1011
1,2,4-Trichlorobenzene	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011
Naphthalene	ND	ug/kg	6		1	09/28/09	09/28/09 17:47	1011

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CERTIFICATE OF ANALYSIS

No: 9092404

Envirotech Consultants LLC, Baltimore, MD

October 1, 2009

Project Name: Transit
Project Location: Millersville, MD
Project ID: 71099

Sample ID: GP-17 (10-13) | **Date/Time Sampled: 09/23/2009 11:00** | **PSS Sample ID: 9092404-004**
Matrix: SOIL | **Date/Time Received: 09/24/2009 13:15** | **% Solids: 91**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**3,200**	mg/kg	220		20	09/28/09	09/28/09 21:21	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**260,000**	ug/kg	1,100		10	09/28/09	09/28/09 15:50	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9092404
Envirotech Consultants LLC, Baltimore, MD
October 1, 2009

Project Name: Transit
Project Location: Millersville, MD
Project ID: 71099

Sample ID: GP-17 (10-13) | **Date/Time Sampled: 09/23/2009 11:00** | **PSS Sample ID: 9092404-004**
Matrix: SOIL | **Date/Time Received: 09/24/2009 13:15** | **% Solids: 91**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
Chloromethane	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
Vinyl Chloride	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
tert-Butyl alcohol	ND	ug/kg	4,400		100	09/28/09	09/28/09 18:45	1011
Bromomethane	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
Chloroethane	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
Acetone	ND	ug/kg	2,200		100	09/28/09	09/28/09 18:45	1011
Cyclohexane	ND	ug/kg	2,200		100	09/28/09	09/28/09 18:45	1011
Trichlorofluoromethane	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
1,1-Dichloroethene	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
Methylene Chloride	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
trans-1,2-Dichloroethene	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
Methyl-t-butyl ether	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
1,1-Dichloroethane	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
2-Butanone (MEK)	ND	ug/kg	2,200		100	09/28/09	09/28/09 18:45	1011
cis-1,2-Dichloroethene	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
Chloroform	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
1,1,1-Trichloroethane	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
1,2-Dichloroethane	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
Carbon Tetrachloride	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
Benzene	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
Dibromomethane	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
1,2-Dichloropropane	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
Carbon Disulfide	ND	ug/kg	1,100		100	09/28/09	09/28/09 18:45	1011
Trichloroethene	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
Bromodichloromethane	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
cis-1,3-Dichloropropene	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
4-Methyl-2-Pentanone	ND	ug/kg	2,200		100	09/28/09	09/28/09 18:45	1011
trans-1,3-Dichloropropene	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9092404

Envirotech Consultants LLC, Baltimore, MD

October 1, 2009

Project Name: Transit
Project Location: Millersville, MD
Project ID: 71099

Sample ID: GP-17 (10-13) | **Date/Time Sampled: 09/23/2009 11:00** | **PSS Sample ID: 9092404-004**
Matrix: SOIL | **Date/Time Received: 09/24/2009 13:15** | **% Solids: 91**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
Toluene	**4,100**	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
2-Hexanone	ND	ug/kg	2,200		100	09/28/09	09/28/09 18:45	1011
1,2-Dibromoethane (EDB)	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
Dibromochloromethane	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
tert-Butyl ethyl ether	ND	ug/kg	1,100		100	09/28/09	09/28/09 18:45	1011
tert-Amyl methyl ether	ND	ug/kg	4,400		100	09/28/09	09/28/09 18:45	1011
Diisopropyl ether	ND	ug/kg	1,100		100	09/28/09	09/28/09 18:45	1011
tert-Amyl ethyl ether	ND	ug/kg	4,400		100	09/28/09	09/28/09 18:45	1011
tert-Amyl alcohol	ND	ug/kg	4,400		100	09/28/09	09/28/09 18:45	1011
Bromoform	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
Tetrachloroethene	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
Chlorobenzene	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
Ethylbenzene	**6,000**	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
m,p-Xylenes	**26,000**	ug/kg	1,100		100	09/28/09	09/28/09 18:45	1011
Styrene	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
1,1,2,2-Tetrachloroethane	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
o-Xylene	**13,000**	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
Isopropylbenzene	**1,200**	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
1,3-Dichlorobenzene	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
1,4-Dichlorobenzene	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
1,2-Dichlorobenzene	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
1,2-Dibromo-3-Chloropropane	ND	ug/kg	4,400		100	09/28/09	09/28/09 18:45	1011
1,2,4-Trichlorobenzene	ND	ug/kg	550		100	09/28/09	09/28/09 18:45	1011
Naphthalene	**2,900**	ug/kg	550		100	09/28/09	09/28/09 18:45	1011

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CERTIFICATE OF ANALYSIS

No: 9092404

Envirotech Consultants LLC, Baltimore, MD

October 1, 2009

Project Name: Transit
Project Location: Millersville, MD
Project ID: 71099

Sample ID: GP-17 (13-15) | **Date/Time Sampled: 09/23/2009 11:05** | **PSS Sample ID: 9092404-005**
Matrix: SOIL | **Date/Time Received: 09/24/2009 13:15** | **% Solids: 92**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**430**	mg/kg	110		10	09/28/09	09/29/09 09:38	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**21,000**	ug/kg	110		1	09/28/09	09/28/09 14:20	1035

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CERTIFICATE OF ANALYSIS

No: 9092404

Envirotech Consultants LLC, Baltimore, MD

October 1, 2009

Project Name: Transit
Project Location: Millersville, MD
Project ID: 71099

Sample ID: GP-17 (13-15) | **Date/Time Sampled: 09/23/2009 11:05** | **PSS Sample ID: 9092404-005**
Matrix: SOIL | **Date/Time Received: 09/24/2009 13:15** | **% Solids: 92**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
Chloromethane	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
Vinyl Chloride	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
tert-Butyl alcohol	ND	ug/kg	44		1	09/30/09	09/30/09 13:32	1011
Bromomethane	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
Chloroethane	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
Acetone	ND	ug/kg	22		1	09/30/09	09/30/09 13:32	1011
Cyclohexane	ND	ug/kg	22		1	09/30/09	09/30/09 13:32	1011
Trichlorofluoromethane	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
1,1-Dichloroethene	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
Methylene Chloride	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
trans-1,2-Dichloroethene	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
Methyl-t-butyl ether	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
1,1-Dichloroethane	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
2-Butanone (MEK)	ND	ug/kg	22		1	09/30/09	09/30/09 13:32	1011
cis-1,2-Dichloroethene	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
Chloroform	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
1,1,1-Trichloroethane	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
1,2-Dichloroethane	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
Carbon Tetrachloride	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
Benzene	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
Dibromomethane	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
1,2-Dichloropropane	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
Carbon Disulfide	ND	ug/kg	11		1	09/30/09	09/30/09 13:32	1011
Trichloroethene	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
Bromodichloromethane	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
cis-1,3-Dichloropropene	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
4-Methyl-2-Pentanone	ND	ug/kg	22		1	09/30/09	09/30/09 13:32	1011
trans-1,3-Dichloropropene	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011

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CERTIFICATE OF ANALYSIS

No: 9092404

Envirotech Consultants LLC, Baltimore, MD

October 1, 2009

Project Name: Transit
Project Location: Millersville, MD
Project ID: 71099

Sample ID: GP-17 (13-15) | **Date/Time Sampled: 09/23/2009 11:05** | **PSS Sample ID: 9092404-005**
Matrix: SOIL | **Date/Time Received: 09/24/2009 13:15** | **% Solids: 92**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
Toluene	**23**	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
2-Hexanone	ND	ug/kg	22		1	09/30/09	09/30/09 13:32	1011
1,2-Dibromoethane (EDB)	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
Dibromochloromethane	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
tert-Butyl ethyl ether	ND	ug/kg	11		1	09/30/09	09/30/09 13:32	1011
tert-Amyl methyl ether	ND	ug/kg	44		1	09/30/09	09/30/09 13:32	1011
Diisopropyl ether	ND	ug/kg	11		1	09/30/09	09/30/09 13:32	1011
tert-Amyl ethyl ether	ND	ug/kg	44		1	09/30/09	09/30/09 13:32	1011
tert-Amyl alcohol	ND	ug/kg	44		1	09/30/09	09/30/09 13:32	1011
Bromoform	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
Tetrachloroethene	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
Chlorobenzene	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
Ethylbenzene	**89**	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
m,p-Xylenes	**420**	ug/kg	11		1	09/30/09	09/30/09 13:32	1011
Styrene	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
1,1,2,2-Tetrachloroethane	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
o-Xylene	**260**	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
Isopropylbenzene	**29**	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
1,3-Dichlorobenzene	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
1,4-Dichlorobenzene	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
1,2-Dichlorobenzene	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
1,2-Dibromo-3-Chloropropane	ND	ug/kg	44		1	09/30/09	09/30/09 13:32	1011
1,2,4-Trichlorobenzene	ND	ug/kg	5		1	09/30/09	09/30/09 13:32	1011
Naphthalene	**130**	ug/kg	5		1	09/30/09	09/30/09 13:32	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9092404

Envirotech Consultants LLC, Baltimore, MD

October 1, 2009

Project Name: Transit
Project Location: Millersville, MD
Project ID: 71099

Sample ID: GP-18 (10-15) | **Date/Time Sampled: 09/23/2009 12:30** | **PSS Sample ID: 9092404-006**
Matrix: SOIL | **Date/Time Received: 09/24/2009 13:15** | **% Solids: 91**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**1,000**	mg/kg	110		10	09/28/09	09/29/09 09:59	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**320,000**	ug/kg	1,100		10	09/28/09	09/28/09 16:20	1035

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CERTIFICATE OF ANALYSIS

No: 9092404

Envirotech Consultants LLC, Baltimore, MD

October 1, 2009

Project Name: Transit
Project Location: Millersville, MD
Project ID: 71099

Sample ID: GP-18 (10-15) | **Date/Time Sampled: 09/23/2009 12:30** | **PSS Sample ID: 9092404-006**
Matrix: SOIL | **Date/Time Received: 09/24/2009 13:15** | **% Solids: 91**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
Chloromethane	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
Vinyl Chloride	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
tert-Butyl alcohol	ND	ug/kg	4,400		100	09/28/09	09/28/09 19:42	1011
Bromomethane	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
Chloroethane	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
Acetone	ND	ug/kg	2,200		100	09/28/09	09/28/09 19:42	1011
Cyclohexane	ND	ug/kg	2,200		100	09/28/09	09/28/09 19:42	1011
Trichlorofluoromethane	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
1,1-Dichloroethene	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
Methylene Chloride	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
trans-1,2-Dichloroethene	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
Methyl-t-butyl ether	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
1,1-Dichloroethane	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
2-Butanone (MEK)	ND	ug/kg	2,200		100	09/28/09	09/28/09 19:42	1011
cis-1,2-Dichloroethene	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
Chloroform	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
1,1,1-Trichloroethane	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
1,2-Dichloroethane	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
Carbon Tetrachloride	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
Benzene	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
Dibromomethane	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
1,2-Dichloropropane	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
Carbon Disulfide	ND	ug/kg	1,100		100	09/28/09	09/28/09 19:42	1011
Trichloroethene	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
Bromodichloromethane	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
cis-1,3-Dichloropropene	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
4-Methyl-2-Pentanone	ND	ug/kg	2,200		100	09/28/09	09/28/09 19:42	1011
trans-1,3-Dichloropropene	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9092404

Envirotech Consultants LLC, Baltimore, MD

October 1, 2009

Project Name: Transit
Project Location: Millersville, MD
Project ID: 71099

Sample ID: GP-18 (10-15) | **Date/Time Sampled: 09/23/2009 12:30** | **PSS Sample ID: 9092404-006**
Matrix: SOIL | **Date/Time Received: 09/24/2009 13:15** | **% Solids: 91**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
Toluene	**6,000**	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
2-Hexanone	ND	ug/kg	2,200		100	09/28/09	09/28/09 19:42	1011
1,2-Dibromoethane (EDB)	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
Dibromochloromethane	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
tert-Butyl ethyl ether	ND	ug/kg	1,100		100	09/28/09	09/28/09 19:42	1011
tert-Amyl methyl ether	ND	ug/kg	4,400		100	09/28/09	09/28/09 19:42	1011
Diisopropyl ether	ND	ug/kg	1,100		100	09/28/09	09/28/09 19:42	1011
tert-Amyl ethyl ether	ND	ug/kg	4,400		100	09/28/09	09/28/09 19:42	1011
tert-Amyl alcohol	ND	ug/kg	4,400		100	09/28/09	09/28/09 19:42	1011
Bromoform	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
Tetrachloroethene	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
Chlorobenzene	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
Ethylbenzene	**4,500**	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
m,p-Xylenes	**21,000**	ug/kg	1,100		100	09/28/09	09/28/09 19:42	1011
Styrene	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
1,1,2,2-Tetrachloroethane	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
o-Xylene	**9,500**	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
Isopropylbenzene	**910**	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
1,3-Dichlorobenzene	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
1,4-Dichlorobenzene	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
1,2-Dichlorobenzene	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
1,2-Dibromo-3-Chloropropane	ND	ug/kg	4,400		100	09/28/09	09/28/09 19:42	1011
1,2,4-Trichlorobenzene	ND	ug/kg	550		100	09/28/09	09/28/09 19:42	1011
Naphthalene	**5,400**	ug/kg	550		100	09/28/09	09/28/09 19:42	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9092404

Envirotech Consultants LLC, Baltimore, MD

October 1, 2009

Project Name: Transit
Project Location: Millersville, MD
Project ID: 71099

Sample ID: GP-18 (15-18) | **Date/Time Sampled: 09/23/2009 12:45** | **PSS Sample ID: 9092404-007**
Matrix: SOIL | **Date/Time Received: 09/24/2009 13:15** | **% Solids: 88**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**21**	mg/kg	11		1	09/28/09	09/28/09 19:13	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**23,000**	ug/kg	1,100		10	09/28/09	09/28/09 16:50	1035

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CERTIFICATE OF ANALYSIS

No: 9092404

Envirotech Consultants LLC, Baltimore, MD

October 1, 2009

Project Name: Transit
Project Location: Millersville, MD
Project ID: 71099

Sample ID: GP-18 (15-18) | **Date/Time Sampled: 09/23/2009 12:45** | **PSS Sample ID: 9092404-007**
Matrix: SOIL | **Date/Time Received: 09/24/2009 13:15** | **% Solids: 88**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
Chloromethane	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
Vinyl Chloride	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
tert-Butyl alcohol	ND	ug/kg	46		1	09/29/09	09/29/09 15:22	1011
Bromomethane	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
Chloroethane	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
Acetone	**30**	ug/kg	23		1	09/29/09	09/29/09 15:22	1011
Cyclohexane	ND	ug/kg	23		1	09/29/09	09/29/09 15:22	1011
Trichlorofluoromethane	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
1,1-Dichloroethene	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
Methylene Chloride	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
trans-1,2-Dichloroethene	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
Methyl-t-butyl ether	**44**	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
1,1-Dichloroethane	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
2-Butanone (MEK)	ND	ug/kg	23		1	09/29/09	09/29/09 15:22	1011
cis-1,2-Dichloroethene	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
Chloroform	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
1,1,1-Trichloroethane	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
1,2-Dichloroethane	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
Carbon Tetrachloride	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
Benzene	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
Dibromomethane	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
1,2-Dichloropropane	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
Carbon Disulfide	ND	ug/kg	11		1	09/29/09	09/29/09 15:22	1011
Trichloroethene	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
Bromodichloromethane	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
cis-1,3-Dichloropropene	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
4-Methyl-2-Pentanone	ND	ug/kg	23		1	09/29/09	09/29/09 15:22	1011
trans-1,3-Dichloropropene	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9092404

Envirotech Consultants LLC, Baltimore, MD

October 1, 2009

Project Name: Transit
Project Location: Millersville, MD
Project ID: 71099

Sample ID: GP-18 (15-18) | **Date/Time Sampled: 09/23/2009 12:45** | **PSS Sample ID: 9092404-007**
Matrix: SOIL | **Date/Time Received: 09/24/2009 13:15** | **% Solids: 88**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
Toluene	**34**	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
2-Hexanone	ND	ug/kg	23		1	09/29/09	09/29/09 15:22	1011
1,2-Dibromoethane (EDB)	**7**	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
Dibromochloromethane	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
tert-Butyl ethyl ether	ND	ug/kg	11		1	09/29/09	09/29/09 15:22	1011
tert-Amyl methyl ether	ND	ug/kg	46		1	09/29/09	09/29/09 15:22	1011
Diisopropyl ether	ND	ug/kg	11		1	09/29/09	09/29/09 15:22	1011
tert-Amyl ethyl ether	ND	ug/kg	46		1	09/29/09	09/29/09 15:22	1011
tert-Amyl alcohol	**280**	ug/kg	46		1	09/29/09	09/29/09 15:22	1011
Bromoform	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
Tetrachloroethene	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
Chlorobenzene	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
Ethylbenzene	**27**	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
m,p-Xylenes	**140**	ug/kg	11		1	09/29/09	09/29/09 15:22	1011
Styrene	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
1,1,2,2-Tetrachloroethane	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
o-Xylene	**92**	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
Isopropylbenzene	**8**	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
1,3-Dichlorobenzene	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
1,4-Dichlorobenzene	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
1,2-Dichlorobenzene	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
1,2-Dibromo-3-Chloropropane	ND	ug/kg	46		1	09/29/09	09/29/09 15:22	1011
1,2,4-Trichlorobenzene	ND	ug/kg	6		1	09/29/09	09/29/09 15:22	1011
Naphthalene	**73**	ug/kg	6		1	09/29/09	09/29/09 15:22	1011

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CERTIFICATE OF ANALYSIS

No: 9092404

Envirotech Consultants LLC, Baltimore, MD

October 1, 2009

Project Name: Transit
Project Location: Millersville, MD
Project ID: 71099

Sample ID: GP-19 (0-5) | **Date/Time Sampled: 09/23/2009 13:30** | **PSS Sample ID: 9092404-008**
Matrix: SOIL | **Date/Time Received: 09/24/2009 13:15** | **% Solids: 89**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**300**	mg/kg	11		1	09/28/09	09/28/09 19:34	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**6,200**	ug/kg	110		1	09/28/09	09/28/09 14:50	1035

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No: 9092404

Envirotech Consultants LLC, Baltimore, MD

October 1, 2009

Project Name: Transit
Project Location: Millersville, MD
Project ID: 71099

Sample ID: GP-19 (0-5) | **Date/Time Sampled: 09/23/2009 13:30** | **PSS Sample ID: 9092404-008**
Matrix: SOIL | **Date/Time Received: 09/24/2009 13:15** | **% Solids: 89**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
Chloromethane	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
Vinyl Chloride	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
tert-Butyl alcohol	ND	ug/kg	46		1	09/28/09	09/29/09 06:52	1011
Bromomethane	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
Chloroethane	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
Acetone	**44**	ug/kg	23		1	09/28/09	09/29/09 06:52	1011
Cyclohexane	ND	ug/kg	23		1	09/28/09	09/29/09 06:52	1011
Trichlorofluoromethane	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
1,1-Dichloroethene	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
Methylene Chloride	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
trans-1,2-Dichloroethene	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
Methyl-t-butyl ether	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
1,1-Dichloroethane	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
2-Butanone (MEK)	ND	ug/kg	23		1	09/28/09	09/29/09 06:52	1011
cis-1,2-Dichloroethene	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
Chloroform	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
1,1,1-Trichloroethane	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
1,2-Dichloroethane	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
Carbon Tetrachloride	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
Benzene	**32**	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
Dibromomethane	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
1,2-Dichloropropane	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
Carbon Disulfide	ND	ug/kg	12		1	09/28/09	09/29/09 06:52	1011
Trichloroethene	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
Bromodichloromethane	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
cis-1,3-Dichloropropene	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
4-Methyl-2-Pentanone	ND	ug/kg	23		1	09/28/09	09/29/09 06:52	1011
trans-1,3-Dichloropropene	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011

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CERTIFICATE OF ANALYSIS

No: 9092404

Envirotech Consultants LLC, Baltimore, MD

October 1, 2009

Project Name: Transit
Project Location: Millersville, MD
Project ID: 71099

Sample ID: GP-19 (0-5) | **Date/Time Sampled: 09/23/2009 13:30** | **PSS Sample ID: 9092404-008**
Matrix: SOIL | **Date/Time Received: 09/24/2009 13:15** | **% Solids: 89**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
Toluene	**25**	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
2-Hexanone	ND	ug/kg	23		1	09/28/09	09/29/09 06:52	1011
1,2-Dibromoethane (EDB)	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
Dibromochloromethane	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
tert-Butyl ethyl ether	ND	ug/kg	12		1	09/28/09	09/29/09 06:52	1011
tert-Amyl methyl ether	ND	ug/kg	46		1	09/28/09	09/29/09 06:52	1011
Diisopropyl ether	ND	ug/kg	12		1	09/28/09	09/29/09 06:52	1011
tert-Amyl ethyl ether	ND	ug/kg	46		1	09/28/09	09/29/09 06:52	1011
tert-Amyl alcohol	ND	ug/kg	46		1	09/28/09	09/29/09 06:52	1011
Bromoform	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
Tetrachloroethene	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
Chlorobenzene	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
Ethylbenzene	**160**	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
m,p-Xylenes	**150**	ug/kg	12		1	09/28/09	09/29/09 06:52	1011
Styrene	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
1,1,2,2-Tetrachloroethane	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
o-Xylene	**55**	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
Isopropylbenzene	**16**	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
1,3-Dichlorobenzene	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
1,4-Dichlorobenzene	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
1,2-Dichlorobenzene	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
1,2-Dibromo-3-Chloropropane	ND	ug/kg	46		1	09/28/09	09/29/09 06:52	1011
1,2,4-Trichlorobenzene	ND	ug/kg	6		1	09/28/09	09/29/09 06:52	1011
Naphthalene	**420**	ug/kg	6		1	09/28/09	09/29/09 06:52	1011

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CERTIFICATE OF ANALYSIS

No: 9092404

Envirotech Consultants LLC, Baltimore, MD

October 1, 2009

Project Name: Transit
Project Location: Millersville, MD
Project ID: 71099

Sample ID: GP-19 (10-14) | **Date/Time Sampled: 09/23/2009 13:45** | **PSS Sample ID: 9092404-009**
Matrix: SOIL | **Date/Time Received: 09/24/2009 13:15** | **% Solids: 83**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**3,000**	mg/kg	240		20	09/28/09	09/29/09 10:21	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**110,000**	ug/kg	1,200		10	09/28/09	09/28/09 17:20	1035

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No: 9092404

Envirotech Consultants LLC, Baltimore, MD

October 1, 2009

Project Name: Transit
Project Location: Millersville, MD
Project ID: 71099

Sample ID: GP-19 (10-14) | **Date/Time Sampled: 09/23/2009 13:45** | **PSS Sample ID: 9092404-009**
Matrix: SOIL | **Date/Time Received: 09/24/2009 13:15** | **% Solids: 83**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
Chloromethane	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
Vinyl Chloride	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
tert-Butyl alcohol	ND	ug/kg	4,800		100	09/28/09	09/29/09 05:53	1011
Bromomethane	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
Chloroethane	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
Acetone	ND	ug/kg	2,400		100	09/28/09	09/29/09 05:53	1011
Cyclohexane	ND	ug/kg	2,400		100	09/28/09	09/29/09 05:53	1011
Trichlorofluoromethane	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
1,1-Dichloroethene	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
Methylene Chloride	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
trans-1,2-Dichloroethene	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
Methyl-t-butyl ether	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
1,1-Dichloroethane	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
2-Butanone (MEK)	ND	ug/kg	2,400		100	09/28/09	09/29/09 05:53	1011
cis-1,2-Dichloroethene	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
Chloroform	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
1,1,1-Trichloroethane	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
1,2-Dichloroethane	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
Carbon Tetrachloride	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
Benzene	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
Dibromomethane	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
1,2-Dichloropropane	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
Carbon Disulfide	ND	ug/kg	1,200		100	09/28/09	09/29/09 05:53	1011
Trichloroethene	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
Bromodichloromethane	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
cis-1,3-Dichloropropene	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
4-Methyl-2-Pentanone	ND	ug/kg	2,400		100	09/28/09	09/29/09 05:53	1011
trans-1,3-Dichloropropene	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9092404

Envirotech Consultants LLC, Baltimore, MD

October 1, 2009

Project Name: Transit
Project Location: Millersville, MD
Project ID: 71099

Sample ID: GP-19 (10-14) | **Date/Time Sampled: 09/23/2009 13:45** | **PSS Sample ID: 9092404-009**
Matrix: SOIL | **Date/Time Received: 09/24/2009 13:15** | **% Solids: 83**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
Toluene	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
2-Hexanone	ND	ug/kg	2,400		100	09/28/09	09/29/09 05:53	1011
1,2-Dibromoethane (EDB)	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
Dibromochloromethane	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
tert-Butyl ethyl ether	ND	ug/kg	1,200		100	09/28/09	09/29/09 05:53	1011
tert-Amyl methyl ether	ND	ug/kg	4,800		100	09/28/09	09/29/09 05:53	1011
Diisopropyl ether	ND	ug/kg	1,200		100	09/28/09	09/29/09 05:53	1011
tert-Amyl ethyl ether	ND	ug/kg	4,800		100	09/28/09	09/29/09 05:53	1011
tert-Amyl alcohol	ND	ug/kg	4,800		100	09/28/09	09/29/09 05:53	1011
Bromoform	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
Tetrachloroethene	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
Chlorobenzene	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
Ethylbenzene	**1,100**	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
m,p-Xylenes	**3,700**	ug/kg	1,200		100	09/28/09	09/29/09 05:53	1011
Styrene	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
1,1,2,2-Tetrachloroethane	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
o-Xylene	**2,100**	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
Isopropylbenzene	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
1,3-Dichlorobenzene	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
1,4-Dichlorobenzene	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
1,2-Dichlorobenzene	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
1,2-Dibromo-3-Chloropropane	ND	ug/kg	4,800		100	09/28/09	09/29/09 05:53	1011
1,2,4-Trichlorobenzene	ND	ug/kg	600		100	09/28/09	09/29/09 05:53	1011
Naphthalene	**6,900**	ug/kg	600		100	09/28/09	09/29/09 05:53	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9092404

Envirotech Consultants LLC, Baltimore, MD

October 1, 2009

Project Name: Transit
Project Location: Millersville, MD
Project ID: 71099

Sample ID: DW-1 (28-31) | **Date/Time Sampled: 09/23/2009 14:30** | **PSS Sample ID: 9092404-010**
Matrix: SOIL | **Date/Time Received: 09/24/2009 13:15** | **% Solids: 36**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**4,600**	mg/kg	270		10	09/28/09	09/28/09 20:17	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**120,000**	ug/kg	28,000		100	09/28/09	09/28/09 17:50	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9092404

Envirotech Consultants LLC, Baltimore, MD

October 1, 2009

Project Name: Transit
Project Location: Millersville, MD
Project ID: 71099

Sample ID: DW-1 (28-31) | **Date/Time Sampled: 09/23/2009 14:30** | **PSS Sample ID: 9092404-010**
Matrix: SOIL | **Date/Time Received: 09/24/2009 13:15** | **% Solids: 36**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
Chloromethane	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
Vinyl Chloride	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
tert-Butyl alcohol	ND	ug/kg	590		1	09/29/09	09/29/09 16:48	1011
Bromomethane	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
Chloroethane	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
Acetone	**450**	ug/kg	300		1	09/29/09	09/29/09 16:48	1011
Cyclohexane	ND	ug/kg	300		1	09/29/09	09/29/09 16:48	1011
Trichlorofluoromethane	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
1,1-Dichloroethene	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
Methylene Chloride	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
trans-1,2-Dichloroethene	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
Methyl-t-butyl ether	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
1,1-Dichloroethane	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
2-Butanone (MEK)	ND	ug/kg	300		1	09/29/09	09/29/09 16:48	1011
cis-1,2-Dichloroethene	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
Chloroform	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
1,1,1-Trichloroethane	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
1,2-Dichloroethane	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
Carbon Tetrachloride	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
Benzene	**270**	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
Dibromomethane	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
1,2-Dichloropropane	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
Carbon Disulfide	ND	ug/kg	150		1	09/29/09	09/29/09 16:48	1011
Trichloroethene	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
Bromodichloromethane	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
cis-1,3-Dichloropropene	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
4-Methyl-2-Pentanone	ND	ug/kg	300		1	09/29/09	09/29/09 16:48	1011
trans-1,3-Dichloropropene	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9092404

Envirotech Consultants LLC, Baltimore, MD

October 1, 2009

Project Name: Transit
Project Location: Millersville, MD
Project ID: 71099

Sample ID: DW-1 (28-31) | **Date/Time Sampled: 09/23/2009 14:30** | **PSS Sample ID: 9092404-010**
Matrix: SOIL | **Date/Time Received: 09/24/2009 13:15** | **% Solids: 36**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
Toluene	**390**	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
2-Hexanone	ND	ug/kg	300		1	09/29/09	09/29/09 16:48	1011
1,2-Dibromoethane (EDB)	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
Dibromochloromethane	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
tert-Butyl ethyl ether	ND	ug/kg	150		1	09/29/09	09/29/09 16:48	1011
tert-Amyl methyl ether	ND	ug/kg	590		1	09/29/09	09/29/09 16:48	1011
Diisopropyl ether	ND	ug/kg	150		1	09/29/09	09/29/09 16:48	1011
tert-Amyl ethyl ether	ND	ug/kg	590		1	09/29/09	09/29/09 16:48	1011
tert-Amyl alcohol	ND	ug/kg	590		1	09/29/09	09/29/09 16:48	1011
Bromoform	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
Tetrachloroethene	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
Chlorobenzene	**2,100**	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
Ethylbenzene	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
m,p-Xylenes	**280**	ug/kg	150		1	09/29/09	09/29/09 16:48	1011
Styrene	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
1,1,2,2-Tetrachloroethane	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
o-Xylene	**120**	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
Isopropylbenzene	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
1,3-Dichlorobenzene	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
1,4-Dichlorobenzene	**130**	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
1,2-Dichlorobenzene	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
1,2-Dibromo-3-Chloropropane	ND	ug/kg	590		1	09/29/09	09/29/09 16:48	1011
1,2,4-Trichlorobenzene	ND	ug/kg	74		1	09/29/09	09/29/09 16:48	1011
Naphthalene	**250**	ug/kg	74		1	09/29/09	09/29/09 16:48	1011

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

(1) CLIENT: Envirotech OFFICE LOC. Bwt md
PROJECT MGR: Kip Knaus PHONE NO.: (540) 294-2064
EMAIL: KKnaus@envirotechllc.com FAX NO.: ( )
PROJECT NAME: TRANSECT PROJECT NO.: 71099
SITE LOCATION: Millersville, md P.O. NO.:
SAMPLERS:

PSS Work Order #: 9092404 PAGE 1 OF 1

Matrix Codes: SW=Surface Wtr DW=Drinking Wrt GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil WL=Waste Liquid WS=Waste Solid W= Wipe

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	Preservatives Used	8260	Analysis/ Method Required (3) Full suite VOC's + oxygenates TPH GRO, DRO 8015	REMARKS
1	MW-14 (30-32)	9/21/09	9:00	S	2	G		✓	✓	
2	GP-16 (10-15)	9/23/09	10:00	S	2	G		✓	✓	
3	GP-16 (13-15)		10:05	S	2	G		✓	✓	
4	GP-17 (10-13)		11:00	S	2	G		✓	✓	
5	GP-17 (13-15)		11:05	S	2	G		✓	✓	
6	GP-18 (10-15)		12:30	S	2	G		✓	✓	
7	GP-18 (15-18)		12:45	S	2	G		✓	✓	
8	GP-19 (0-5)		1:30	S	2	G		✓	✓	
9	GP-19 (10-14)		1.45	S	2	G		✓	✓	
10	DW-1 (28-31)	↓	2:30	S	2	G		✓	✓	

(5)

	Date	Time	
Relinquished By: (1)	9/24/09	12:15	Received By: 210
Relinquished By: (2) 210	9/24/09	13:15	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

Requested Turnaround Time
☑ 5-Day ☐ 3-Day ☐ 2-Day
☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required:

# of Coolers: 2
Custody Seal: ABSENT
Ice Present: ABSENT Temp: 20°c
Shipping Carrier: DIAL

Special Instructions:

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Phase Separation Science, Inc

Sample Receipt Checklist

Wo Number	9092404	**Received By**	Rachel
Client Name	Envirotech Consultants LLC	**Date Received**	09/24/2009 01:15:00 PM
Project Name	Transit	**Delivered By**	Dial Courier
Project Number	71099	**Tracking No**	Not Applicable
Disposal Date:	10/29/2009	**Logged In By**	Rachel

Shipping Container(s)

No of Coolers	2	Ice	Present
Custody Seals	Absent	Temp (deg C)	20
Seal Condition	Not Applicable	Temp Blank Present	No

Documentation

COC agrees with sample labels? X Yes or ____ No Sampler Name: Not Provided

Chain of Custody (COC) X Yes or ____ No

Sample Container

Appropiate for Specified Analysis?	Yes X No___	Custody Seal(s)	Absent
Intact?	X ____	Custody Seal(s) Intact?	Not Applicable
Labeled and Labels Legible	X ____	Seal(s) Signed / Dated	Not Applicable
Total No of Samples Received	10	Total No of Containers Received	20

Preservation

		Yes	No	N/A
Metals	(pH<2)	____	____	X
Cyanides	(pH>12)	____	____	X
Sulfide	(pH>9)	____	____	X
TOC, COD, Phenols	(pH<2)	____	____	X
TOX, TKN, NH3, Total Phos	(pH<2)	____	____	X
VOC, BTEX (VOA Vials Rcvd Preserved)	(pH<2)	____	____	X
Do VOA vials have zero headspace?		____	____	X

Comments: (Any "No" response must be detailed in the comments section below.)

For any improper preservation conditions, list sample ID, preservative added (reagent ID number) below as well as documentation of any client notification as well as client instructions. Samples for pH, chlorine and dissolved oxygen should be analyzed as soon as possible, preferably in the field at the time of sampling.

Samples Inspected/Checklist Completed By: _____ Date: 9/24/9

PM Review and Approval: _____ Date: 9/25/9

Printed: 09/24/2009 03:01 PM

Analytical Report for

Envirotech Consultants LLC

Certificate of Analysis No.: 9090414

Project Manager: Kip Kraus
Project Name : Transit Truck
Project Location: 8400 Veterans Hwy
Project ID : 71099

September 14, 2009

Phase Separation Science, Inc.
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Baltimore, MD 21228
Phone: (410) 747-8770
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PHASE SEPARATION SCIENCE, INC.

September 14, 2009

Kip Kraus
Envirotech Consultants LLC
2931 Whittington Avenue
Baltimore, MD 21230

Reference: PSS Work Order No: **9090414**
Project Name : Transit Truck
Project Location: 8400 Veterans Hwy
Project ID.: 71099

Dear Kip Kraus :

The attached Analytical and QC Summary lists the analytical results from the analyses performed on the samples received under the project name referenced above and identified with the Phase Separation Science (PSS) Work Order numbered **9090414**.

All work reported herein has been performed in accordance with referenced methodologies, PSS Standard Operating Procedures and the PSS Quality Assurance Manual. PSS is limited in liability to the actual cost of the sample analysis done.

PSS reserves the right to return any unused samples, extracts or related solutions. Otherwise, the samples are scheduled for disposal, without any further notice, on October 9, 2009. This includes any samples that were received with a request to be held but lacked a specific hold period. It is your responsibility to provide a written request defining a specific disposal date if additional storage is required. Upon receipt , the request will be acknowledged by PSS, thus extending the storage period.

This report shall not be reproduced except in full, without the written approval of an authorized PSS representative. A copy of this report will be retained by PSS for at least 10 years, after which time it will be disposed without further notice, unless prior arrangements have been made.

We thank you for selecting Phase Separation Science, Inc. to serve your analytical needs. If you have any questions concerning this report, do not hesitate to contact us at 410-747-8770 or info@phaseonline.com.

Dan Prucnal
Laboratory Manager

Case Narrative Summary

Client Name: Envirotech Consultants LLC

Project Name: Transit Truck

Project ID: 71099 **Work Order Number: 9090414**

The following samples were received under chain of custody by Phase Separation Science (PSS) on 09/04/2009 at 01:30 pm

Lab Sample Id	Sample Id	Matrix	Date/Time Collected
9090414-001	MW-8 (46-48)	SOIL	09/02/2009 08:15
9090414-002	MW-9 (24-26)	SOIL	09/02/2009 16:15

Please reference the Chain of Custody and Sample Receipt Checklist for specific container counts and preservatives. Any sample conditions not in compliance with sample acceptance criteria are described in the Sample Receipt Checklist.

Any holding time exceedances, deviations from the method specifications, regulatory requirements or variations to the procedures outlined in the PSS Quality Assurance Manual are outlined below.

Notes:

1. The presence of common laboratory contaminants such as acetone, methylene chloride and phthalates, may be considered a possible laboratory artifact. Where observed, appropriate consideration of data should be taken.
2. The following analytical results are never reported on a dry weight basis: pH, flashpoint, moisture and paint filter test.
3. Drinking water samples collected for the purpose of compliance with SDWA may not be suitable for their intended use unless collected by a certified sampler [COMAR 26.08.05.07.C.2].

Standard Flags/Abbreviations:

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
C Results Pending Final Confirmation.
D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
J The target analyte was positively identified below the reporting limit but greater than one-half of the reporting limit.
ND Not Detected at or above the reporting limit.
RL Reporting Limit.
U Not detected.

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9090414

Envirotech Consultants LLC, Baltimore, MD

September 14, 2009

Project Name: Transit Truck
Project Location: 8400 Veterans Hwy
Project ID: 71099

Sample ID: MW-8 (46-48) **Date/Time Sampled: 09/02/2009 08:15** **PSS Sample ID: 9090414-001**
Matrix: SOIL **Date/Time Received: 09/04/2009 13:30** **% Solids: 84**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**840**	mg/kg	120		10	09/05/09	09/09/09 17:34	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**17,000**	ug/kg	120		1	09/09/09	09/09/09 14:43	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9090414

Envirotech Consultants LLC, Baltimore, MD

September 14, 2009

Project Name: Transit Truck
Project Location: 8400 Veterans Hwy
Project ID: 71099

Sample ID: MW-8 (46-48) **Date/Time Sampled: 09/02/2009 08:15** **PSS Sample ID: 9090414-001**
Matrix: SOIL **Date/Time Received: 09/04/2009 13:30** **% Solids: 84**

TCL Volatiles plus Oxygenates — Analytical Method: SW846 8260B — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
Chloromethane	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
Vinyl Chloride	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
tert-Butyl alcohol	ND	ug/kg	240		5	09/10/09	09/11/09 06:43	1035
Bromomethane	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
Chloroethane	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
Acetone	ND	ug/kg	120		5	09/10/09	09/11/09 06:43	1035
Cyclohexane	ND	ug/kg	120		5	09/10/09	09/11/09 06:43	1035
Trichlorofluoromethane	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
1,1-Dichloroethene	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
Methylene Chloride	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
trans-1,2-Dichloroethene	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
Methyl-t-butyl ether	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
1,1-Dichloroethane	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
2-Butanone (MEK)	ND	ug/kg	120		5	09/10/09	09/11/09 06:43	1035
cis-1,2-Dichloroethene	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
Chloroform	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
1,1,1-Trichloroethane	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
1,2-Dichloroethane	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
Carbon Tetrachloride	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
Benzene	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
Dibromomethane	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
1,2-Dichloropropane	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
Carbon Disulfide	ND	ug/kg	60		5	09/10/09	09/11/09 06:43	1035
Trichloroethene	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
Bromodichloromethane	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
cis-1,3-Dichloropropene	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
4-Methyl-2-Pentanone	ND	ug/kg	120		5	09/10/09	09/11/09 06:43	1035
trans-1,3-Dichloropropene	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035

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FAX 410-788-8723

PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9090414

Envirotech Consultants LLC, Baltimore, MD

September 14, 2009

Project Name: Transit Truck
Project Location: 8400 Veterans Hwy
Project ID: 71099

Sample ID: MW-8 (46-48) **Date/Time Sampled: 09/02/2009 08:15** **PSS Sample ID: 9090414-001**
Matrix: SOIL **Date/Time Received: 09/04/2009 13:30** **% Solids: 84**

TCL Volatiles plus Oxygenates — Analytical Method: SW846 8260B — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
Toluene	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
2-Hexanone	ND	ug/kg	120		5	09/10/09	09/11/09 06:43	1035
1,2-Dibromoethane (EDB)	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
Dibromochloromethane	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
tert-Butyl ethyl ether	ND	ug/kg	60		5	09/10/09	09/11/09 06:43	1035
tert-Amyl methyl ether	ND	ug/kg	240		5	09/10/09	09/11/09 06:43	1035
Diisopropyl ether	ND	ug/kg	60		5	09/10/09	09/11/09 06:43	1035
tert-Amyl ethyl ether	ND	ug/kg	240		5	09/10/09	09/11/09 06:43	1035
tert-Amyl alcohol	ND	ug/kg	240		5	09/10/09	09/11/09 06:43	1035
Bromoform	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
Tetrachloroethene	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
Chlorobenzene	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
Ethylbenzene	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
m,p-Xylenes	ND	ug/kg	60		5	09/10/09	09/11/09 06:43	1035
Styrene	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
1,1,2,2-Tetrachloroethane	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
o-Xylene	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
Isopropylbenzene	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
1,3-Dichlorobenzene	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
1,4-Dichlorobenzene	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
1,2-Dichlorobenzene	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
1,2-Dibromo-3-Chloropropane	ND	ug/kg	240		5	09/10/09	09/11/09 06:43	1035
1,2,4-Trichlorobenzene	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035
Naphthalene	ND	ug/kg	30		5	09/10/09	09/11/09 06:43	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9090414

Envirotech Consultants LLC, Baltimore, MD

September 14, 2009

Project Name: Transit Truck
Project Location: 8400 Veterans Hwy
Project ID: 71099

Sample ID: MW-9 (24-26) **Date/Time Sampled: 09/02/2009 16:15** **PSS Sample ID: 9090414-002**
Matrix: SOIL **Date/Time Received: 09/04/2009 13:30** **% Solids: 86**

Total Petroleum Hydrocarbons - DRO Analytical Method: SW846 8015C Preparation Method: SW846 3550

LF/DF - Lighter fuel/oil and No. 2/diesel fuel patterns observed in sample.

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**15**	mg/kg	11	LF	1	09/09/09	09/10/09 17:04	1040

Total Petroleum Hydrocarbons-GRO Analytical Method: SW846 8015C Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**39,000**	ug/kg	580		5	09/10/09	09/10/09 16:29	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9090414

Envirotech Consultants LLC, Baltimore, MD

September 14, 2009

Project Name: Transit Truck
Project Location: 8400 Veterans Hwy
Project ID: 71099

Sample ID: MW-9 (24-26) **Date/Time Sampled: 09/02/2009 16:15** **PSS Sample ID: 9090414-002**
Matrix: SOIL **Date/Time Received: 09/04/2009 13:30** **% Solids: 86**

TCL Volatiles plus Oxygenates — Analytical Method: SW846 8260B — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
Chloromethane	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
Vinyl Chloride	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
tert-Butyl alcohol	ND	ug/kg	460		10	09/10/09	09/11/09 07:12	1035
Bromomethane	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
Chloroethane	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
Acetone	ND	ug/kg	230		10	09/10/09	09/11/09 07:12	1035
Cyclohexane	ND	ug/kg	230		10	09/10/09	09/11/09 07:12	1035
Trichlorofluoromethane	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
1,1-Dichloroethene	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
Methylene Chloride	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
trans-1,2-Dichloroethene	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
Methyl-t-butyl ether	**60**	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
1,1-Dichloroethane	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
2-Butanone (MEK)	ND	ug/kg	230		10	09/10/09	09/11/09 07:12	1035
cis-1,2-Dichloroethene	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
Chloroform	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
1,1,1-Trichloroethane	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
1,2-Dichloroethane	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
Carbon Tetrachloride	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
Benzene	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
Dibromomethane	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
1,2-Dichloropropane	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
Carbon Disulfide	ND	ug/kg	120		10	09/10/09	09/11/09 07:12	1035
Trichloroethene	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
Bromodichloromethane	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
cis-1,3-Dichloropropene	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
4-Methyl-2-Pentanone	ND	ug/kg	230		10	09/10/09	09/11/09 07:12	1035
trans-1,3-Dichloropropene	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9090414

Envirotech Consultants LLC, Baltimore, MD

September 14, 2009

Project Name: Transit Truck
Project Location: 8400 Veterans Hwy
Project ID: 71099

Sample ID: MW-9 (24-26) **Date/Time Sampled: 09/02/2009 16:15** **PSS Sample ID: 9090414-002**
Matrix: SOIL **Date/Time Received: 09/04/2009 13:30** **% Solids: 86**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
Toluene	**1,100**	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
2-Hexanone	ND	ug/kg	230		10	09/10/09	09/11/09 07:12	1035
1,2-Dibromoethane (EDB)	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
Dibromochloromethane	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
tert-Butyl ethyl ether	ND	ug/kg	120		10	09/10/09	09/11/09 07:12	1035
tert-Amyl methyl ether	ND	ug/kg	460		10	09/10/09	09/11/09 07:12	1035
Diisopropyl ether	ND	ug/kg	120		10	09/10/09	09/11/09 07:12	1035
tert-Amyl ethyl ether	ND	ug/kg	460		10	09/10/09	09/11/09 07:12	1035
tert-Amyl alcohol	ND	ug/kg	460		10	09/10/09	09/11/09 07:12	1035
Bromoform	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
Tetrachloroethene	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
Chlorobenzene	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
Ethylbenzene	**970**	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
m,p-Xylenes	**4,200**	ug/kg	120		10	09/10/09	09/11/09 07:12	1035
Styrene	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
1,1,2,2-Tetrachloroethane	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
o-Xylene	**1,800**	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
Isopropylbenzene	**260**	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
1,3-Dichlorobenzene	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
1,4-Dichlorobenzene	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
1,2-Dichlorobenzene	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
1,2-Dibromo-3-Chloropropane	ND	ug/kg	460		10	09/10/09	09/11/09 07:12	1035
1,2,4-Trichlorobenzene	ND	ug/kg	58		10	09/10/09	09/11/09 07:12	1035
Naphthalene	**540**	ug/kg	58		10	09/10/09	09/11/09 07:12	1035

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

① CLIENT: EnviroTech OFFICE LOC. Balt und

PROJECT MGR: Kip Kraus PHONE NO.: (410)294-2064

EMAIL: KKraus@EnviroTech.com FAX NO.: ( )

PROJECT NAME: Transit Tucker PROJECT NO.: 91099

SITE LOCATION: 8400 Veterans Hwy P.O. NO.:

SAMPLERS: KK

PSS Work Order #: 9090414 PAGE ____ OF ____

Matrix Codes:
SW=Surface Wtr DW=Drinking Wrt GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil WL=Waste Liquid WS=Waste Solid W= Wipe

② ③

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	Full Suit Vols + oxygenates 8260	TPH GRO, DRO 8015											REMARKS
						Preservatives Used		9											
1	MW-8 (46-48)	9/2/09	8:15	S	2	G	✓	✓											
2	MW-9 (24-26)	9/2/09	4:15	S	2	G	✓	✓											

⑤

Relinquished By	Date	Time	Received By
(1) [signature]	9/4/09	13:05	[signature]
(2) [signature]	9/4/09	13:30	[signature]
(3)			
(4)			

④ **Requested Turnaround Time**

☐ 5-Day ☐ 3-Day ☐ 2-Day
☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required:

Special Instructions:

# of Coolers: 1
Custody Seal: ABS
Ice Present: ABS Temp: 16°C
Shipping Carrier: DIAL

6630 Baltimore National Pike • Route 40 West • Baltimore, Maryland 21228 • (410) 747-8770 • (800) 932-9047 • Fax (410) 788-8723

The client (Client Name), by signing, or having client's agent sign, this "Sample Chain of Custody/Agreement Form", agrees to pay for the above requested services per the latest version of the Service Brochure or PSS-provided quotation including any and all attorney's or other reasonable fees if collection becomes necessary.

Phase Separation Science, Inc

Sample Receipt Checklist

Wo Number	9090414	**Received By**	Rachel Davis
Client Name	Envirotech Consultants LLC	**Date Received**	09/04/2009 01:30:00 PM
Project Name	Transit Truck	**Delivered By**	Dial Courier
Project Number	71099	**Tracking No**	Not Applicable
Disposal Date:	10/09/2009	**Logged In By**	Rachel Davis

Shipping Container(s)

No. of Coolers	1	Ice	Absent ✓
Custody Seals	Absent ✓	Temp (deg C)	16
Seal Condition	Not Applicable	Temp Blank Present	No

Documentation

COC agrees with sample labels? X Yes or ___ No Sampler Name: Kip Kraus ✓

Chain of Custody (COC) X Yes or ___ No MD DW Cert No : N/A

Sample Container

Appropiate for Specified Analysis?	Yes X No___	Custody Seal(s)	Absent
Intact?	X ___	Custody Seal(s) Intact?	Not Applicable ✓
Labeled and Labels Legible	X ___	Seal(s) Signed / Dated	Not Applicable
Total No. of Samples Received	2	Total No. of Containers Received	4

Preservation

		Yes	No	N/A
Metals	(pH<2)	___	___	X
Cyanides	(pH>12)	___	___	X
Sulfide	(pH>9)	___	___	X
TOC, COD, Phenols	(pH<2)	___	___	X
TOX, TKN, NH3, Total Phos	(pH<2)	___	___	X
VOC, BTEX (VOA Vials Rcvd Preserved)	(pH<2)	___	___	X
Do VOA vials have zero headspace?		___	___	X

Comments: (Any "No" response must be detailed in the comments section below.)

For any improper preservation conditions, list sample ID, preservative added (reagent ID number) below as well as documentation of any client notification as well as client instructions. Samples for pH, chlorine and dissolved oxygen should be analyzed as soon as possible, preferably in the field at the time of sampling.

Samples Inspected/Checklist Completed By: _____ Date: 9/4/09

PM Review and Approval: _____ Date: 9/8/09

Printed: 09/04/2009 04:43 PM

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

(1)
CLIENT: EnviroTech OFFICE LOC. Balt md
PROJECT MGR: Kit Kraus PHONE NO.: (410) 294-2064
EMAIL: KKraus@EnviroTech.com FAX NO.: ( )
PROJECT NAME: Transit Tower PROJECT NO.: 71099
SITE LOCATION: 8400 Veterans Hwy P.O. NO.:
SAMPLERS: KK

PSS Work Order #: 9090414 PAGE ____ OF ____

Matrix Codes:
SW=Surface Wtr **DW**=Drinking Wrt **GW**=Ground Wtr **WW**=Waste Wtr **O**=Oil **S**=Soil **WL**=Waste Liquid **WS**=Waste Solid **W**= Wipe

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	(3) Analysis/Method Required: Full Suit VOCs + BTEX + 8260 (Preservatives Used: 0)	TPH GRO, DRO 8015										REMARKS
1	MW-8 (46-48)	9/2/09	8:15	S	2	G	✓	✓										
2	MW-9 (24-26)	9/2/09	4:15	S	2	G	✓	✓										

(5)

Relinquished By	Date	Time	Received By
Relinquished By: (1) [signature]	9/4/9	13:05	[signature]
Relinquished By: (2) [signature]	9/4/9	13:30	[signature]
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

Requested Turnaround Time
☐ 5-Day ☐ 3-Day ☐ 2-Day
☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required:

Special Instructions:

# of Coolers: 1
Custody Seal: ABS
Ice Present: ABS Temp: 16°C
Shipping Carrier: DIAL

Analytical Report for

Envirotech Consultants LLC

Certificate of Analysis No.: 9091010

Project Manager: Kip Kraus
Project Name : Transit Truck
Project Location: Millersville, MD
Project ID : 71099

September 17, 2009

Phase Separation Science, Inc.
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PHASE SEPARATION SCIENCE, INC.

September 17, 2009

Kip Kraus
Envirotech Consultants LLC
2931 Whittington Avenue
Baltimore, MD 21230

Reference: PSS Work Order No: **9091010**
Project Name : Transit Truck
Project Location: Millersville, MD
Project ID.: 71099

Dear Kip Kraus :

The attached Analytical and QC Summary lists the analytical results from the analyses performed on the samples received under the project name referenced above and identified with the Phase Separation Science (PSS) Work Order numbered **9091010**.

All work reported herein has been performed in accordance with referenced methodologies, PSS Standard Operating Procedures and the PSS Quality Assurance Manual. PSS is limited in liability to the actual cost of the sample analysis done.

PSS reserves the right to return any unused samples, extracts or related solutions. Otherwise, the samples are scheduled for disposal, without any further notice, on October 15, 2009. This includes any samples that were received with a request to be held but lacked a specific hold period. It is your responsibility to provide a written request defining a specific disposal date if additional storage is required. Upon receipt , the request will be acknowledged by PSS, thus extending the storage period.

This report shall not be reproduced except in full, without the written approval of an authorized PSS representative. A copy of this report will be retained by PSS for at least 10 years, after which time it will be disposed without further notice, unless prior arrangements have been made.

We thank you for selecting Phase Separation Science, Inc. to serve your analytical needs. If you have any questions concerning this report, do not hesitate to contact us at 410-747-8770 or info@phaseonline.com.

Dan Prucnal

Dan Prucnal
Laboratory Manager

Case Narrative Summary

Client Name: Envirotech Consultants LLC

Project Name: Transit Truck

Project ID: 71099 **Work Order Number: 9091010**

The following samples were received under chain of custody by Phase Separation Science (PSS) on 09/10/2009 at 02:50 pm

Lab Sample Id	Sample Id	Matrix	Date/Time Collected
9091010-001	MW-10 (6'-8')	SOIL	09/08/2009 14:15

Please reference the Chain of Custody and Sample Receipt Checklist for specific container counts and preservatives. Any sample conditions not in compliance with sample acceptance criteria are described in the Sample Receipt Checklist.

Any holding time exceedances, deviations from the method specifications, regulatory requirements or variations to the procedures outlined in the PSS Quality Assurance Manual are outlined below.

Notes:

1. The presence of common laboratory contaminants such as acetone, methylene chloride and phthalates, may be considered a possible laboratory artifact. Where observed, appropriate consideration of data should be taken.
2. The following analytical results are never reported on a dry weight basis: pH, flashpoint, moisture and paint filter test.
3. Drinking water samples collected for the purpose of compliance with SDWA may not be suitable for their intended use unless collected by a certified sampler [COMAR 26.08.05.07.C.2].

Standard Flags/Abbreviations:

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
C Results Pending Final Confirmation.
D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
J The target analyte was positively identified below the reporting limit but greater than one-half of the reporting limit.
ND Not Detected at or above the reporting limit.
RL Reporting Limit.
U Not detected.

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9091010

Envirotech Consultants LLC, Baltimore, MD

September 17, 2009

Project Name: Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-10 (6'-8') **Date/Time Sampled: 09/08/2009 14:15** **PSS Sample ID: 9091010-001**
Matrix: SOIL **Date/Time Received: 09/10/2009 14:50** **% Solids: 89**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**14**	mg/kg	11		1	09/15/09	09/15/09 17:35	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/kg	110		1	09/11/09	09/11/09 17:19	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9091010

Envirotech Consultants LLC, Baltimore, MD

September 17, 2009

Project Name: Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-10 (6'-8') **Date/Time Sampled: 09/08/2009 14:15** **PSS Sample ID: 9091010-001**
Matrix: SOIL **Date/Time Received: 09/10/2009 14:50** **% Solids: 89**

TCL Volatiles plus Oxygenates

Analytical Method: SW846 8260B

Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
Chloromethane	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
Vinyl Chloride	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
tert-Butyl alcohol	ND	ug/kg	44		1	09/14/09	09/14/09 18:14	1011
Bromomethane	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
Chloroethane	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
Acetone	ND	ug/kg	22		1	09/14/09	09/14/09 18:14	1011
Cyclohexane	ND	ug/kg	22		1	09/14/09	09/14/09 18:14	1011
Trichlorofluoromethane	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
1,1-Dichloroethene	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
Methylene Chloride	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
trans-1,2-Dichloroethene	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
Methyl-t-butyl ether	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
1,1-Dichloroethane	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
2-Butanone (MEK)	ND	ug/kg	22		1	09/14/09	09/14/09 18:14	1011
cis-1,2-Dichloroethene	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
Chloroform	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
1,1,1-Trichloroethane	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
1,2-Dichloroethane	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
Carbon Tetrachloride	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
Benzene	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
Dibromomethane	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
1,2-Dichloropropane	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
Carbon Disulfide	ND	ug/kg	11		1	09/14/09	09/14/09 18:14	1011
Trichloroethene	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
Bromodichloromethane	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
cis-1,3-Dichloropropene	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
4-Methyl-2-Pentanone	ND	ug/kg	22		1	09/14/09	09/14/09 18:14	1011
trans-1,3-Dichloropropene	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9091010

Envirotech Consultants LLC, Baltimore, MD

September 17, 2009

Project Name: Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-10 (6'-8') **Date/Time Sampled: 09/08/2009 14:15** **PSS Sample ID: 9091010-001**
Matrix: SOIL **Date/Time Received: 09/10/2009 14:50** **% Solids: 89**

TCL Volatiles plus Oxygenates

Analytical Method: SW846 8260B Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
Toluene	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
2-Hexanone	ND	ug/kg	22		1	09/14/09	09/14/09 18:14	1011
1,2-Dibromoethane (EDB)	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
Dibromochloromethane	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
tert-Butyl ethyl ether	ND	ug/kg	11		1	09/14/09	09/14/09 18:14	1011
tert-Amyl methyl ether	ND	ug/kg	44		1	09/14/09	09/14/09 18:14	1011
Diisopropyl ether	ND	ug/kg	11		1	09/14/09	09/14/09 18:14	1011
tert-Amyl ethyl ether	ND	ug/kg	44		1	09/14/09	09/14/09 18:14	1011
tert-Amyl alcohol	ND	ug/kg	44		1	09/14/09	09/14/09 18:14	1011
Bromoform	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
Tetrachloroethene	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
Chlorobenzene	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
Ethylbenzene	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
m,p-Xylenes	ND	ug/kg	11		1	09/14/09	09/14/09 18:14	1011
Styrene	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
1,1,2,2-Tetrachloroethane	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
o-Xylene	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
Isopropylbenzene	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
1,3-Dichlorobenzene	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
1,4-Dichlorobenzene	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
1,2-Dichlorobenzene	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
1,2-Dibromo-3-Chloropropane	ND	ug/kg	44		1	09/14/09	09/14/09 18:14	1011
1,2,4-Trichlorobenzene	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011
Naphthalene	ND	ug/kg	6		1	09/14/09	09/14/09 18:14	1011

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

(1)
CLIENT: EnviroTech OFFICE LOC. Belt MD
PROJECT MGR: Kip Kraus PHONE NO.: (410) 294-2063
EMAIL: kkraus@enviroteck llc.com FAX NO.: ( )
PROJECT NAME: TRANSIT TRUCK PROJECT NO.: 71099
SITE LOCATION: Millersville MD P.O. NO.: 4146
SAMPLERS: KK

PSS Work Order #: 9091010 PAGE 1 OF 1

Matrix Codes:
SW=Surface Wtr DW=Drinking Wrt GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil WL=Waste Liquid WS=Waste Solid W= Wipe

(2) (3)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	Full Soil VOCs + oxygenates 8260	TPH GRO, DRO 8015											REMARKS
1	MW-80 (6-8')	9/8/09	2:15	S	2	G	✓	✓											

Preservatives Used: (none entered)

(5)

Relinquished By	Date	Time	Received By
(1) [signature]	9/10/09	2:35	Tom Horner
(2) Tom Horner	9/10/09	2:50	[signature]
(3)			
(4)			

(4)
Requested Turnaround Time
- [x] 5-Day
- [ ] 3-Day
- [ ] 2-Day
- [ ] Next Day
- [ ] Emergency
- [ ] Other

Data Deliverables Required:

Special Instructions:

# of Coolers: 1
Custody Seal: ABS
Ice Present: ABS Temp: 3°C
Shipping Carrier: DIAL

6630 Baltimore National Pike • Route 40 West • Baltimore, Maryland 21228 • (410) 747-8770 • (800) 932-9047 • Fax (410) 788-8723

The client (Client Name), by signing, or having client's agent sign, this "Sample Chain of Custody/Agreement Form", agrees to pay for the above requested services per the latest version of the Service Brochure or PSS-provided quotation including any and all attorney's or other reasonable fees if collection becomes necessary.

Phase Separation Science, Inc

Sample Receipt Checklist

Wo Number	9091010	**Received By**	Rachel Davis
Client Name	Envirotech Consultants LLC	**Date Received**	09/10/2009 02:50:00 PM
Project Name	Transit Truck	**Delivered By**	Dial Courier ✓
Project Number	71099	**Tracking No**	Not Applicable
Disposal Date:	10/15/2009	**Logged In By**	Rachel Davis

Shipping Container(s)

No of Coolers	1	Ice	Absent
Custody Seals	Absent ✓	Temp (deg C)	3 ✓
Seal Condition	Not Applicable	Temp Blank Present	No

Documentation

COC agrees with sample labels? X Yes or ____ No Sampler Name: Kip Kraus ✓

Chain of Custody (COC) X Yes or ____ No MD DW Cert No : N/A

Sample Container

Appropiate for Specified Analysis?	Yes X No ___	Custody Seal(s)	Absent
Intact?	X ____	Custody Seal(s) Intact?	Not Applicable ✓
Labeled and Labels Legible	X ____	Seal(s) Signed / Dated	Not Applicable
Total No. of Samples Received	1	Total No. of Containers Received	2

Preservation

		Yes	No	N/A
Metals	(pH<2)	____	____	X
Cyanides	(pH>12)	____	____	X
Sulfide	(pH>9)	____	____	X
TOC, COD, Phenols	(pH<2)	____	____	X
TOX, TKN, NH3, Total Phos	(pH<2)	____	____	X
VOC, BTEX (VOA Vials Rcvd Preserved)	(pH<2)	____	____	X
Do VOA vials have zero headspace?		____	____	X

Comments: (Any "No" response must be detailed in the comments section below.)

For any improper preservation conditions, list sample ID, preservative added (reagent ID number) below as well as documentation of any client notification as well as client instructions. Samples for pH, chlorine and dissolved oxygen should be analyzed as soon as possible, preferably in the field at the time of sampling.

Samples Inspected/Checklist Completed By: _____ Date: 9/10/9

PM Review and Approval: _____ Date: 9/11/09

Printed: 09/10/2009 02:57 PM

Analytical Report for

Envirotech Consultants LLC

Certificate of Analysis No.: 9091712

Project Manager: Kip Kraus

Project Name : Transit Truck

Project Location: Millersville, MD

Project ID : 71099

September 24, 2009

Phase Separation Science, Inc.

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Baltimore, MD 21228
Phone: (410) 747-8770
Fax: (410) 788-8723

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PHASE SEPARATION SCIENCE, INC.

September 24, 2009

Kip Kraus
Envirotech Consultants LLC
2931 Whittington Avenue
Baltimore, MD 21230

Reference: PSS Work Order No: **9091712**
Project Name : Transit Truck
Project Location: Millersville, MD
Project ID.: 71099

Dear Kip Kraus :

The attached Analytical and QC Summary lists the analytical results from the analyses performed on the samples received under the project name referenced above and identified with the Phase Separation Science (PSS) Work Order numbered **9091712**.

All work reported herein has been performed in accordance with referenced methodologies, PSS Standard Operating Procedures and the PSS Quality Assurance Manual. PSS is limited in liability to the actual cost of the sample analysis done.

PSS reserves the right to return any unused samples, extracts or related solutions. Otherwise, the samples are scheduled for disposal, without any further notice, on October 22, 2009. This includes any samples that were received with a request to be held but lacked a specific hold period. It is your responsibility to provide a written request defining a specific disposal date if additional storage is required. Upon receipt , the request will be acknowledged by PSS, thus extending the storage period.

This report shall not be reproduced except in full, without the written approval of an authorized PSS representative. A copy of this report will be retained by PSS for at least 10 years, after which time it will be disposed without further notice, unless prior arrangements have been made.

We thank you for selecting Phase Separation Science, Inc. to serve your analytical needs. If you have any questions concerning this report, do not hesitate to contact us at 410-747-8770 or info@phaseonline.com.

Dan Prucnal
Laboratory Manager

Case Narrative Summary

Client Name: Envirotech Consultants LLC

Project Name: Transit Truck

Project ID: 71099

Work Order Number: 9091712

The following samples were received under chain of custody by Phase Separation Science (PSS) on 09/17/2009 at 04:05 pm

Lab Sample Id	Sample Id	Matrix	Date/Time Collected
9091712-001	MW-11(20-22)	SOIL	09/14/2009 13:30
9091712-002	MW-12(24-26)	SOIL	09/15/2009 13:45
9091712-003	MW-13(8-10)	SOIL	09/16/2009 10:30

Please reference the Chain of Custody and Sample Receipt Checklist for specific container counts and preservatives. Any sample conditions not in compliance with sample acceptance criteria are described in the Sample Receipt Checklist.

Any holding time exceedances, deviations from the method specifications, regulatory requirements or variations to the procedures outlined in the PSS Quality Assurance Manual are outlined below.

Notes:

1. The presence of common laboratory contaminants such as acetone, methylene chloride and phthalates, may be considered a possible laboratory artifact. Where observed, appropriate consideration of data should be taken.
2. The following analytical results are never reported on a dry weight basis: pH, flashpoint, moisture and paint filter test.
3. Drinking water samples collected for the purpose of compliance with SDWA may not be suitable for their intended use unless collected by a certified sampler [COMAR 26.08.05.07.C.2].

Standard Flags/Abbreviations:

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
C Results Pending Final Confirmation.
D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
J The target analyte was positively identified below the reporting limit but greater than one-half of the reporting limit.
ND Not Detected at or above the reporting limit.
RL Reporting Limit.
U Not detected.

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9091712

Envirotech Consultants LLC, Baltimore, MD

September 24, 2009

Project Name: Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-11(20-22) | **Date/Time Sampled: 09/14/2009 13:30** | **PSS Sample ID: 9091712-001**
Matrix: SOIL | **Date/Time Received: 09/17/2009 16:05** | **% Solids: 85**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**22**	mg/kg	11		1	09/18/09	09/18/09 16:32	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**220,000**	ug/kg	1,200		10	09/18/09	09/18/09 13:11	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9091712

Envirotech Consultants LLC, Baltimore, MD

September 24, 2009

Project Name: Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-11(20-22) | **Date/Time Sampled: 09/14/2009 13:30** | **PSS Sample ID: 9091712-001**
Matrix: SOIL | **Date/Time Received: 09/17/2009 16:05** | **% Solids: 85**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
Chloromethane	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
Vinyl Chloride	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
tert-Butyl alcohol	ND	ug/kg	470		1	09/18/09	09/18/09 15:32	1011
Bromomethane	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
Chloroethane	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
Acetone	ND	ug/kg	230		1	09/18/09	09/18/09 15:32	1011
Cyclohexane	ND	ug/kg	230		1	09/18/09	09/18/09 15:32	1011
Trichlorofluoromethane	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
1,1-Dichloroethene	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
Methylene Chloride	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
trans-1,2-Dichloroethene	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
Methyl-t-butyl ether	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
1,1-Dichloroethane	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
2-Butanone (MEK)	ND	ug/kg	230		1	09/18/09	09/18/09 15:32	1011
cis-1,2-Dichloroethene	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
Chloroform	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
1,1,1-Trichloroethane	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
1,2-Dichloroethane	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
Carbon Tetrachloride	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
Benzene	**140**	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
Dibromomethane	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
1,2-Dichloropropane	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
Carbon Disulfide	ND	ug/kg	120		1	09/18/09	09/18/09 15:32	1011
Trichloroethene	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
Bromodichloromethane	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
cis-1,3-Dichloropropene	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
4-Methyl-2-Pentanone	ND	ug/kg	230		1	09/18/09	09/18/09 15:32	1011
trans-1,3-Dichloropropene	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9091712

Envirotech Consultants LLC, Baltimore, MD

September 24, 2009

Project Name: Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-11(20-22) | **Date/Time Sampled: 09/14/2009 13:30** | **PSS Sample ID: 9091712-001**
Matrix: SOIL | **Date/Time Received: 09/17/2009 16:05** | **% Solids: 85**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
Toluene	**4,200**	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
2-Hexanone	ND	ug/kg	230		1	09/18/09	09/18/09 15:32	1011
1,2-Dibromoethane (EDB)	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
Dibromochloromethane	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
tert-Butyl ethyl ether	ND	ug/kg	120		1	09/18/09	09/18/09 15:32	1011
tert-Amyl methyl ether	ND	ug/kg	470		1	09/18/09	09/18/09 15:32	1011
Diisopropyl ether	ND	ug/kg	120		1	09/18/09	09/18/09 15:32	1011
tert-Amyl ethyl ether	ND	ug/kg	470		1	09/18/09	09/18/09 15:32	1011
tert-Amyl alcohol	ND	ug/kg	470		1	09/18/09	09/18/09 15:32	1011
Bromoform	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
Tetrachloroethene	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
Chlorobenzene	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
Ethylbenzene	**1,500**	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
m,p-Xylenes	**18,000**	ug/kg	1,200		100	09/18/09	09/18/09 16:58	1011
Styrene	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
1,1,2,2-Tetrachloroethane	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
o-Xylene	**7,900**	ug/kg	590		100	09/18/09	09/18/09 16:58	1011
Isopropylbenzene	**180**	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
1,3-Dichlorobenzene	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
1,4-Dichlorobenzene	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
1,2-Dichlorobenzene	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
1,2-Dibromo-3-Chloropropane	ND	ug/kg	470		1	09/18/09	09/18/09 15:32	1011
1,2,4-Trichlorobenzene	ND	ug/kg	59		1	09/18/09	09/18/09 15:32	1011
Naphthalene	**800**	ug/kg	59		1	09/18/09	09/18/09 15:32	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9091712

Envirotech Consultants LLC, Baltimore, MD

September 24, 2009

Project Name: Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-12(24-26) **Date/Time Sampled: 09/15/2009 13:45** **PSS Sample ID: 9091712-002**
Matrix: SOIL **Date/Time Received: 09/17/2009 16:05** **% Solids: 91**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**35**	mg/kg	11		1	09/18/09	09/18/09 15:06	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**38,000**	ug/kg	550		5	09/21/09	09/21/09 14:22	1035

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CERTIFICATE OF ANALYSIS

No: 9091712

Envirotech Consultants LLC, Baltimore, MD

September 24, 2009

Project Name: Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-12(24-26) | **Date/Time Sampled: 09/15/2009 13:45** | **PSS Sample ID: 9091712-002**
Matrix: SOIL | **Date/Time Received: 09/17/2009 16:05** | **% Solids: 91**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
Chloromethane	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
Vinyl Chloride	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
tert-Butyl alcohol	ND	ug/kg	440		1	09/18/09	09/18/09 16:01	1011
Bromomethane	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
Chloroethane	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
Acetone	ND	ug/kg	220		1	09/18/09	09/18/09 16:01	1011
Cyclohexane	ND	ug/kg	220		1	09/18/09	09/18/09 16:01	1011
Trichlorofluoromethane	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
1,1-Dichloroethene	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
Methylene Chloride	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
trans-1,2-Dichloroethene	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
Methyl-t-butyl ether	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
1,1-Dichloroethane	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
2-Butanone (MEK)	ND	ug/kg	220		1	09/18/09	09/18/09 16:01	1011
cis-1,2-Dichloroethene	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
Chloroform	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
1,1,1-Trichloroethane	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
1,2-Dichloroethane	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
Carbon Tetrachloride	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
Benzene	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
Dibromomethane	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
1,2-Dichloropropane	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
Carbon Disulfide	ND	ug/kg	110		1	09/18/09	09/18/09 16:01	1011
Trichloroethene	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
Bromodichloromethane	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
cis-1,3-Dichloropropene	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
4-Methyl-2-Pentanone	ND	ug/kg	220		1	09/18/09	09/18/09 16:01	1011
trans-1,3-Dichloropropene	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9091712

Envirotech Consultants LLC, Baltimore, MD

September 24, 2009

Project Name: Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-12(24-26) | **Date/Time Sampled: 09/15/2009 13:45** | **PSS Sample ID: 9091712-002**
Matrix: SOIL | **Date/Time Received: 09/17/2009 16:05** | **% Solids: 91**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
Toluene	**3,200**	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
2-Hexanone	ND	ug/kg	220		1	09/18/09	09/18/09 16:01	1011
1,2-Dibromoethane (EDB)	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
Dibromochloromethane	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
tert-Butyl ethyl ether	ND	ug/kg	110		1	09/18/09	09/18/09 16:01	1011
tert-Amyl methyl ether	ND	ug/kg	440		1	09/18/09	09/18/09 16:01	1011
Diisopropyl ether	ND	ug/kg	110		1	09/18/09	09/18/09 16:01	1011
tert-Amyl ethyl ether	ND	ug/kg	440		1	09/18/09	09/18/09 16:01	1011
tert-Amyl alcohol	ND	ug/kg	440		1	09/18/09	09/18/09 16:01	1011
Bromoform	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
Tetrachloroethene	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
Chlorobenzene	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
Ethylbenzene	**8,700**	ug/kg	55	E	1	09/18/09	09/18/09 16:01	1011
m,p-Xylenes	**32,000**	ug/kg	110	E	1	09/18/09	09/18/09 16:01	1011
Styrene	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
1,1,2,2-Tetrachloroethane	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
o-Xylene	**15,000**	ug/kg	55	E	1	09/18/09	09/18/09 16:01	1011
Isopropylbenzene	**2,600**	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
1,3-Dichlorobenzene	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
1,4-Dichlorobenzene	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
1,2-Dichlorobenzene	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
1,2-Dibromo-3-Chloropropane	ND	ug/kg	440		1	09/18/09	09/18/09 16:01	1011
1,2,4-Trichlorobenzene	ND	ug/kg	55		1	09/18/09	09/18/09 16:01	1011
Naphthalene	**8,200**	ug/kg	55	E	1	09/18/09	09/18/09 16:01	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9091712

Envirotech Consultants LLC, Baltimore, MD

September 24, 2009

Project Name: Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-13(8-10) | **Date/Time Sampled: 09/16/2009 10:30** | **PSS Sample ID: 9091712-003**
Matrix: SOIL | **Date/Time Received: 09/17/2009 16:05** | **% Solids: 86**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**1,400**	mg/kg	110		10	09/18/09	09/18/09 15:28	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**8,200**	ug/kg	120		1	09/21/09	09/21/09 14:52	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9091712

Envirotech Consultants LLC, Baltimore, MD

September 24, 2009

Project Name: Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-13(8-10) | **Date/Time Sampled: 09/16/2009 10:30** | **PSS Sample ID: 9091712-003**
Matrix: SOIL | **Date/Time Received: 09/17/2009 16:05** | **% Solids: 86**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
Chloromethane	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
Vinyl Chloride	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
tert-Butyl alcohol	ND	ug/kg	48		1	09/21/09	09/21/09 15:01	1011
Bromomethane	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
Chloroethane	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
Acetone	ND	ug/kg	24		1	09/21/09	09/21/09 15:01	1011
Cyclohexane	ND	ug/kg	24		1	09/21/09	09/21/09 15:01	1011
Trichlorofluoromethane	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
1,1-Dichloroethene	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
Methylene Chloride	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
trans-1,2-Dichloroethene	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
Methyl-t-butyl ether	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
1,1-Dichloroethane	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
2-Butanone (MEK)	ND	ug/kg	24		1	09/21/09	09/21/09 15:01	1011
cis-1,2-Dichloroethene	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
Chloroform	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
1,1,1-Trichloroethane	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
1,2-Dichloroethane	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
Carbon Tetrachloride	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
Benzene	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
Dibromomethane	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
1,2-Dichloropropane	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
Carbon Disulfide	ND	ug/kg	12		1	09/21/09	09/21/09 15:01	1011
Trichloroethene	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
Bromodichloromethane	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
cis-1,3-Dichloropropene	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
4-Methyl-2-Pentanone	ND	ug/kg	24		1	09/21/09	09/21/09 15:01	1011
trans-1,3-Dichloropropene	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9091712

Envirotech Consultants LLC, Baltimore, MD

September 24, 2009

Project Name: Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-13(8-10) | **Date/Time Sampled: 09/16/2009 10:30** | **PSS Sample ID: 9091712-003**
Matrix: SOIL | **Date/Time Received: 09/17/2009 16:05** | **% Solids: 86**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
Toluene	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
2-Hexanone	ND	ug/kg	24		1	09/21/09	09/21/09 15:01	1011
1,2-Dibromoethane (EDB)	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
Dibromochloromethane	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
tert-Butyl ethyl ether	ND	ug/kg	12		1	09/21/09	09/21/09 15:01	1011
tert-Amyl methyl ether	ND	ug/kg	48		1	09/21/09	09/21/09 15:01	1011
Diisopropyl ether	ND	ug/kg	12		1	09/21/09	09/21/09 15:01	1011
tert-Amyl ethyl ether	ND	ug/kg	48		1	09/21/09	09/21/09 15:01	1011
tert-Amyl alcohol	ND	ug/kg	48		1	09/21/09	09/21/09 15:01	1011
Bromoform	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
Tetrachloroethene	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
Chlorobenzene	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
Ethylbenzene	**57**	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
m,p-Xylenes	**58**	ug/kg	12		1	09/21/09	09/21/09 15:01	1011
Styrene	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
1,1,2,2-Tetrachloroethane	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
o-Xylene	**7**	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
Isopropylbenzene	**13**	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
1,3-Dichlorobenzene	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
1,4-Dichlorobenzene	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
1,2-Dichlorobenzene	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
1,2-Dibromo-3-Chloropropane	ND	ug/kg	48		1	09/21/09	09/21/09 15:01	1011
1,2,4-Trichlorobenzene	ND	ug/kg	6		1	09/21/09	09/21/09 15:01	1011
Naphthalene	**820**	ug/kg	6	E	1	09/21/09	09/21/09 15:01	1011

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

(1)
CLIENT: Envirotech OFFICE LOC. Balt md
PROJECT MGR: Kip Krauss PHONE NO.: (410) 294-2064
EMAIL: KKrauss@Envirotech llc.com FAX NO.: ( )
PROJECT NAME: TRANSIT TRUCK PROJECT NO.: 71099
SITE LOCATION: Millersville Rd P.O. NO.:
SAMPLERS: KK

PSS Work Order #: 90917 12 PAGE 1 OF 1

Matrix Codes:
SW=Surface Wtr DW=Drinking Wrt GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil WL=Waste Liquid WS=Waste Solid W= Wipe

(2) (3)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	Full Suite VOC's 8260	TOX/Semi VOCs	TPH GRO DRO 8015										REMARKS
1	MW-11 (20-22)	9/14/09	1:30	S	2	G	✓	✓											
2	MW-12 (24-26)	9/15/09	1:45	S	2	G	✓	✓											
3	MW-13 (8-10)	9/16/09	10:30	S	2	G	✓	✓											

Preservatives Used: (blank)

(5)

Relinquished By	Date	Time	Received By
Relinquished By: (1) [signature]	9/17/09	13:50	Received By: [signature] 210
Relinquished By: (2) [signature] 210	9/17/09	1400	Received By: [signature]
Relinquished By: (3) [signature]	9/17	4:05	Received By: [signature]
Relinquished By: (4)	Date	Time	Received By:

(4)
Requested Turnaround Time
☑ 5-Day ☐ 3-Day ☐ 2-Day
☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required:

Special Instructions:

# of Coolers: 1
Custody Seal: ABS
Ice Present: PRES Temp: 2°C
Shipping Carrier: DIAL

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Phase Separation Science, Inc

Sample Receipt Checklist

Wo Number	9091712	**Received By**	Lynn
Client Name	Envirotech Consultants LLC	**Date Received**	09/17/2009 04:05:00 PM
Project Name	Transit Truck	**Delivered By**	Dial Courier ✓
Project Number	71099	**Tracking No**	Not Applicable
Disposal Date:	10/22/2009	**Logged In By**	Lynn

Shipping Container(s)

No. of Coolers	1	Ice	Present
Custody Seals	Absent ✓	Temp (deg C)	2 ✓
Seal Condition	Not Applicable	Temp Blank Present	No

Documentation

COC agrees with sample labels? ✓ Yes or ____ No Sampler Name: Kip Kraus

Chain of Custody (COC) ✓ Yes or ____ No MD DW Cert. No.: _____

Sample Container

Appropiate for Specified Analysis?	Yes ✓ No ___	Custody Seal(s)	Absent
Intact?	✓ ___	Custody Seal(s) Intact?	Not Applicable ✓
Labeled and Labels Legible	✓ ___	Seal(s) Signed / Dated	Not Applicable
Total No. of Samples Received	3	Total No of Containers Received	6

Preservation

		Yes	No	N/A
Metals	(pH<2)	___	___	✓
Cyanides	(pH>12)	___	___	✓
Sulfide	(pH>9)	___	___	✓
TOC, COD, Phenols	(pH<2)	___	___	✓
TOX, TKN, NH3, Total Phos	(pH<2)	___	___	✓
VOC, BTEX (VOA Vials Rcvd Preserved)	(pH<2)	___	___	✓
Do VOA vials have zero headspace?		___	___	✓

Comments: (Any "No" response must be detailed in the comments section below.)

For any improper preservation conditions, list sample ID, preservative added (reagent ID number) below as well as documentation of any client notification as well as client instructions. Samples for pH, chlorine and dissolved oxygen should be analyzed as soon as possible, preferably in the field at the time of sampling

Samples Inspected/Checklist Completed By: _____ Date: 9/17/09

PM Review and Approval: _____ Date: 9/18/09

Printed: 09/17/2009 04:52 PM

Analytical Report for

Envirotech Consultants LLC

Certificate of Analysis No.: 9100608

Project Manager: Kip Kraus

Project Name : Transit Truck

Project Location: Millersville, MD

Project ID : 71099

October 13, 2009

Phase Separation Science, Inc.

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PHASE SEPARATION SCIENCE, INC.

October 13, 2009

Kip Kraus
Envirotech Consultants LLC
2931 Whittington Avenue
Baltimore, MD 21230

Reference: PSS Work Order No: **9100608**
Project Name : Transit Truck
Project Location: Millersville, MD
Project ID.: 71099

Dear Kip Kraus :

The attached Analytical and QC Summary lists the analytical results from the analyses performed on the samples received under the project name referenced above and identified with the Phase Separation Science (PSS) Work Order numbered **9100608**.

All work reported herein has been performed in accordance with referenced methodologies, PSS Standard Operating Procedures and the PSS Quality Assurance Manual. PSS is limited in liability to the actual cost of the sample analysis done.

PSS reserves the right to return any unused samples, extracts or related solutions. Otherwise, the samples are scheduled for disposal, without any further notice, on November 10, 2009. This includes any samples that were received with a request to be held but lacked a specific hold period. It is your responsibility to provide a written request defining a specific disposal date if additional storage is required. Upon receipt , the request will be acknowledged by PSS, thus extending the storage period.

This report shall not be reproduced except in full, without the written approval of an authorized PSS representative. A copy of this report will be retained by PSS for at least 10 years, after which time it will be disposed without further notice, unless prior arrangements have been made.

We thank you for selecting Phase Separation Science, Inc. to serve your analytical needs. If you have any questions concerning this report, do not hesitate to contact us at 410-747-8770 or info@phaseonline.com.

Dan Prucnal
Laboratory Manager

Case Narrative Summary

Client Name: Envirotech Consultants LLC

Project Name: Transit Truck

Project ID: 71099

Work Order Number: 9100608

The following samples were received under chain of custody by Phase Separation Science (PSS) on 10/06/2009 at 12:38 pm

Lab Sample Id	Sample Id	Matrix	Date/Time Collected
9100608-001	Drill Cuttings	SOIL	10/05/2009 10:00
9100608-002	DW-2	SOIL	10/01/2009 10:30
9100608-003	DW-4	SOIL	10/01/2009 11:30

Please reference the Chain of Custody and Sample Receipt Checklist for specific container counts and preservatives. Any sample conditions not in compliance with sample acceptance criteria are described in the Sample Receipt Checklist.

Any holding time exceedances, deviations from the method specifications, regulatory requirements or variations to the procedures outlined in the PSS Quality Assurance Manual are outlined below.

Notes:

1. The presence of common laboratory contaminants such as acetone, methylene chloride and phthalates, may be considered a possible laboratory artifact. Where observed, appropriate consideration of data should be taken.
2. The following analytical results are never reported on a dry weight basis: pH, flashpoint, moisture and paint filter test.
3. Drinking water samples collected for the purpose of compliance with SDWA may not be suitable for their intended use unless collected by a certified sampler [COMAR 26.08.05.07.C.2].

Standard Flags/Abbreviations:

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
C Results Pending Final Confirmation.
D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
J The target analyte was positively identified below the reporting limit but greater than one-half of the reporting limit.
ND Not Detected at or above the reporting limit.
RL Reporting Limit.
U Not detected.

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9100608

Envirotech Consultants LLC, Baltimore, MD

October 13, 2009

Project Name: Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: Drill Cuttings | **Date/Time Sampled: 10/05/2009 10:00** | **PSS Sample ID: 9100608-001**
Matrix: SOIL | **Date/Time Received: 10/06/2009 12:38** | **% Solids: 89**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

DF/HF - No. 2/diesel fuel and heavier fuel/oil patterns observed in sample.

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**24**	mg/kg	11	DF	1	10/07/09	10/08/09 09:42	1040

Purgeable Aromatics and GRO — Analytical Method: SW846 8021B & 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Benzene	ND	ug/kg	1		1	10/06/09	10/07/09 04:13	1035
Toluene	ND	ug/kg	1		1	10/06/09	10/07/09 04:13	1035
Ethylbenzene	ND	ug/kg	1		1	10/06/09	10/07/09 04:13	1035
m,p-Xylenes	ND	ug/kg	2		1	10/06/09	10/07/09 04:13	1035
o-Xylene	ND	ug/kg	1		1	10/06/09	10/07/09 04:13	1035
TPH-GRO (Gasoline Range Organics)	ND	ug/kg	110		1	10/06/09	10/07/09 04:13	1035

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CERTIFICATE OF ANALYSIS

No: 9100608

Envirotech Consultants LLC, Baltimore, MD

October 13, 2009

Project Name: Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: DW-2 | **Date/Time Sampled: 10/01/2009 10:30** | **PSS Sample ID: 9100608-002**
Matrix: SOIL | **Date/Time Received: 10/06/2009 12:38** | **% Solids: 78**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**130**	mg/kg	130		10	10/07/09	10/07/09 19:12	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**62,000**	ug/kg	1,300		10	10/07/09	10/07/09 14:00	1035

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CERTIFICATE OF ANALYSIS

No: 9100608

Envirotech Consultants LLC, Baltimore, MD

October 13, 2009

Project Name: Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: DW-2 | **Date/Time Sampled: 10/01/2009 10:30** | **PSS Sample ID: 9100608-002**
Matrix: SOIL | **Date/Time Received: 10/06/2009 12:38** | **% Solids: 78**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
Chloromethane	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
Vinyl Chloride	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
tert-Butyl alcohol	ND	ug/kg	250		1	10/08/09	10/08/09 15:25	1011
Bromomethane	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
Chloroethane	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
Acetone	ND	ug/kg	130		1	10/08/09	10/08/09 15:25	1011
Cyclohexane	ND	ug/kg	130		1	10/08/09	10/08/09 15:25	1011
Trichlorofluoromethane	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
1,1-Dichloroethene	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
Methylene Chloride	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
trans-1,2-Dichloroethene	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
Methyl-t-butyl ether	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
1,1-Dichloroethane	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
2-Butanone (MEK)	ND	ug/kg	130		1	10/08/09	10/08/09 15:25	1011
cis-1,2-Dichloroethene	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
Chloroform	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
1,1,1-Trichloroethane	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
1,2-Dichloroethane	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
Carbon Tetrachloride	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
Benzene	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
Dibromomethane	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
1,2-Dichloropropane	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
Carbon Disulfide	ND	ug/kg	63		1	10/08/09	10/08/09 15:25	1011
Trichloroethene	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
Bromodichloromethane	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
cis-1,3-Dichloropropene	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
4-Methyl-2-Pentanone	ND	ug/kg	130		1	10/08/09	10/08/09 15:25	1011
trans-1,3-Dichloropropene	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9100608

Envirotech Consultants LLC, Baltimore, MD

October 13, 2009

Project Name: Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: DW-2 | **Date/Time Sampled: 10/01/2009 10:30** | **PSS Sample ID: 9100608-002**
Matrix: SOIL | **Date/Time Received: 10/06/2009 12:38** | **% Solids: 78**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
Toluene	**42**	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
2-Hexanone	ND	ug/kg	130		1	10/08/09	10/08/09 15:25	1011
1,2-Dibromoethane (EDB)	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
Dibromochloromethane	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
tert-Butyl ethyl ether	ND	ug/kg	63		1	10/08/09	10/08/09 15:25	1011
tert-Amyl methyl ether	ND	ug/kg	250		1	10/08/09	10/08/09 15:25	1011
Diisopropyl ether	ND	ug/kg	63		1	10/08/09	10/08/09 15:25	1011
tert-Amyl ethyl ether	ND	ug/kg	250		1	10/08/09	10/08/09 15:25	1011
tert-Amyl alcohol	ND	ug/kg	250		1	10/08/09	10/08/09 15:25	1011
Bromoform	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
Tetrachloroethene	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
Chlorobenzene	**270**	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
Ethylbenzene	**31**	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
m,p-Xylenes	**120**	ug/kg	63		1	10/08/09	10/08/09 15:25	1011
Styrene	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
1,1,2,2-Tetrachloroethane	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
o-Xylene	**60**	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
Isopropylbenzene	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
1,3-Dichlorobenzene	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
1,4-Dichlorobenzene	**400**	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
1,2-Dichlorobenzene	**150**	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
1,2-Dibromo-3-Chloropropane	ND	ug/kg	250		1	10/08/09	10/08/09 15:25	1011
1,2,4-Trichlorobenzene	ND	ug/kg	31		1	10/08/09	10/08/09 15:25	1011
Naphthalene	**350**	ug/kg	31		1	10/08/09	10/08/09 15:25	1011

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CERTIFICATE OF ANALYSIS

No: 9100608

Envirotech Consultants LLC, Baltimore, MD

October 13, 2009

Project Name: Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: DW-4 | **Date/Time Sampled: 10/01/2009 11:30** | **PSS Sample ID: 9100608-003**
Matrix: SOIL | **Date/Time Received: 10/06/2009 12:38** | **% Solids: 36**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3550

DF/HF - No. 2/diesel fuel and heavier fuel/oil patterns observed in sample.

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**1,500**	mg/kg	270	DF	10	10/07/09	10/07/09 19:12	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**70,000**	ug/kg	2,700		10	10/07/09	10/07/09 14:31	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9100608

Envirotech Consultants LLC, Baltimore, MD

October 13, 2009

Project Name: Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: DW-4 | **Date/Time Sampled: 10/01/2009 11:30** | **PSS Sample ID: 9100608-003**
Matrix: SOIL | **Date/Time Received: 10/06/2009 12:38** | **% Solids: 36**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
Chloromethane	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
Vinyl Chloride	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
tert-Butyl alcohol	ND	ug/kg	530		1	10/08/09	10/08/09 15:54	1011
Bromomethane	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
Chloroethane	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
Acetone	**310**	ug/kg	270		1	10/08/09	10/08/09 15:54	1011
Cyclohexane	ND	ug/kg	270		1	10/08/09	10/08/09 15:54	1011
Trichlorofluoromethane	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
1,1-Dichloroethene	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
Methylene Chloride	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
trans-1,2-Dichloroethene	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
Methyl-t-butyl ether	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
1,1-Dichloroethane	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
2-Butanone (MEK)	ND	ug/kg	270		1	10/08/09	10/08/09 15:54	1011
cis-1,2-Dichloroethene	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
Chloroform	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
1,1,1-Trichloroethane	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
1,2-Dichloroethane	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
Carbon Tetrachloride	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
Benzene	**330**	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
Dibromomethane	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
1,2-Dichloropropane	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
Carbon Disulfide	ND	ug/kg	130		1	10/08/09	10/08/09 15:54	1011
Trichloroethene	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
Bromodichloromethane	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
cis-1,3-Dichloropropene	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
4-Methyl-2-Pentanone	ND	ug/kg	270		1	10/08/09	10/08/09 15:54	1011
trans-1,3-Dichloropropene	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9100608

Envirotech Consultants LLC, Baltimore, MD

October 13, 2009

Project Name: Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: DW-4 | **Date/Time Sampled: 10/01/2009 11:30** | **PSS Sample ID: 9100608-003**
Matrix: SOIL | **Date/Time Received: 10/06/2009 12:38** | **% Solids: 36**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
Toluene	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
2-Hexanone	ND	ug/kg	270		1	10/08/09	10/08/09 15:54	1011
1,2-Dibromoethane (EDB)	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
Dibromochloromethane	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
tert-Butyl ethyl ether	ND	ug/kg	130		1	10/08/09	10/08/09 15:54	1011
tert-Amyl methyl ether	ND	ug/kg	530		1	10/08/09	10/08/09 15:54	1011
Diisopropyl ether	ND	ug/kg	130		1	10/08/09	10/08/09 15:54	1011
tert-Amyl ethyl ether	ND	ug/kg	530		1	10/08/09	10/08/09 15:54	1011
tert-Amyl alcohol	ND	ug/kg	530		1	10/08/09	10/08/09 15:54	1011
Bromoform	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
Tetrachloroethene	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
Chlorobenzene	**1,600**	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
Ethylbenzene	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
m,p-Xylenes	**210**	ug/kg	130		1	10/08/09	10/08/09 15:54	1011
Styrene	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
1,1,2,2-Tetrachloroethane	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
o-Xylene	**100**	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
Isopropylbenzene	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
1,3-Dichlorobenzene	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
1,4-Dichlorobenzene	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
1,2-Dichlorobenzene	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
1,2-Dibromo-3-Chloropropane	ND	ug/kg	530		1	10/08/09	10/08/09 15:54	1011
1,2,4-Trichlorobenzene	ND	ug/kg	67		1	10/08/09	10/08/09 15:54	1011
Naphthalene	**280**	ug/kg	67		1	10/08/09	10/08/09 15:54	1011

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

(1) CLIENT: EnviroTech | OFFICE LOC.: Burtonsville
PROJECT MGR: Kip Kraus | PHONE NO.: (410) 294-2064
EMAIL: KKraus@Enviroteck.com | FAX NO.: ( )
PROJECT NAME: Transit Truck | PROJECT NO.: 71099
SITE LOCATION: Mellenville, Md | P.O. NO.: 491
SAMPLERS: KK RS

PSS Work Order #: 9100608 | PAGE 1 OF 1

Matrix Codes:
SW=Surface Wtr **DW**=Drinking Wrt **GW**=Ground Wtr **WW**=Waste Wtr **O**=Oil **S**=Soil **WL**=Waste Liquid **WS**=Waste Solid **W**= Wipe

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	Preservatives Used	Analysis/ Method Required (3) BTEX 8021	TPH GRO DRO 8015	Full Scan VOCs + MTBE 8260	TPH GRO DRO 8015	REMARKS
1	Drill Cuttings	10/5/09	10:00	S	2	C		✓	✓			
2	DW-2	10/1/09	10:30	S	2	G				✓	✓	
3	DW-4	10/4/09	11:30	S	2	G				✓	✓	

(5)

	Date	Time	
Relinquished By: (1)	10/6	12:46	Received By:
Relinquished By: (2)	10/6/9	1238	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4) Requested Turnaround Time
☑ 5-Day ☐ 3-Day ☐ 2-Day
☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required:

# of Coolers: 1
Custody Seal: ABS
Ice Present: Ice Pack Temp: 10°C
Shipping Carrier: DIAL

Special Instructions:

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Phase Separation Science, Inc

Sample Receipt Checklist

Wo Number	9100608	**Received By**	Rachel
Client Name	Envirotech Consultants LLC	**Date Received**	10/06/2009 12:38:00 PM
Project Name	Transit Truck	**Delivered By**	Dial Courier
Project Number	71099	**Tracking No**	Not Applicable
Disposal Date:	11/10/2009	**Logged In By**	Rachel

Shipping Container(s)

No. of Coolers	1	Ice	Ice Packs Used
Custody Seals	Absent	Temp (deg C)	10
Seal Condition	Absent	Temp Blank Present	No

Documentation

COC agrees with sample labels? X Yes or ____ No Sampler Name: Not Provided

Chain of Custody (COC) X Yes or ____ No

Sample Container

Appropiate for Specified Analysis?	Yes X No___	Custody Seal(s)	Absent
Intact?	X ____	Custody Seal(s) Intact?	Not Applicable
Labeled and Labels Legible	X ____	Seal(s) Signed / Dated	Not Applicable
Total No. of Samples Received	3	Total No. of Containers Received	6

Preservation

		Yes	No	N/A
Metals	(pH<2)	____	____	X
Cyanides	(pH>12)	____	____	X
Sulfide	(pH>9)	____	____	X
TOC, COD, Phenols	(pH<2)	____	____	X
TOX, TKN, NH3, Total Phos	(pH<2)	____	____	X
VOC, BTEX (VOA Vials Rcvd Preserved)	(pH<2)	____	____	X
Do VOA vials have zero headspace?		____	____	X

Comments: (Any "No" response must be detailed in the comments section below.)

For any improper preservation conditions, list sample ID, preservative added (reagent ID number) below as well as documentation of any client notification as well as client instructions Samples for pH, chlorine and dissolved oxygen should be analyzed as soon as possible, preferably in the field at the time of sampling.

Samples Inspected/Checklist Completed By: _____ Date: 10/6/9

PM Review and Approval: _____ Date: 10/6/9

Printed: 10/06/2009 01:53 PM

Analytical Report for

Envirotech Consultants LLC

Certificate of Analysis No.: 9102604

Project Manager: Kip Kraus

Project Name : E.P. Transit Truck

Project Location: Millersville, MD

Project ID : 71099

November 2, 2009

Phase Separation Science, Inc.

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Baltimore, MD 21228
Phone: (410) 747-8770
Fax: (410) 788-8723

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PHASE SEPARATION SCIENCE, INC.

November 2, 2009

Kip Kraus
Envirotech Consultants LLC
2931 Whittington Avenue
Baltimore, MD 21230

Reference: PSS Work Order No: **9102604**
Project Name : E.P. Transit Truck
Project Location: Millersville, MD
Project ID.: 71099

Dear Kip Kraus :

The attached Analytical and QC Summary lists the analytical results from the analyses performed on the samples received under the project name referenced above and identified with the Phase Separation Science (PSS) Work Order numbered **9102604**.

All work reported herein has been performed in accordance with referenced methodologies, PSS Standard Operating Procedures and the PSS Quality Assurance Manual. PSS is limited in liability to the actual cost of the sample analysis done.

PSS reserves the right to return any unused samples, extracts or related solutions. Otherwise, the samples are scheduled for disposal, without any further notice, on November 30, 2009. This includes any samples that were received with a request to be held but lacked a specific hold period. It is your responsibility to provide a written request defining a specific disposal date if additional storage is required. Upon receipt , the request will be acknowledged by PSS, thus extending the storage period.

This report shall not be reproduced except in full, without the written approval of an authorized PSS representative. A copy of this report will be retained by PSS for at least 10 years, after which time it will be disposed without further notice, unless prior arrangements have been made.

We thank you for selecting Phase Separation Science, Inc. to serve your analytical needs. If you have any questions concerning this report, do not hesitate to contact us at 410-747-8770 or info@phaseonline.com.

Dan Prucnal
Laboratory Manager

Case Narrative Summary

Client Name: Envirotech Consultants LLC

Project Name: E.P. Transit Truck

Project ID: 71099

Work Order Number: 9102604

The following samples were received under chain of custody by Phase Separation Science (PSS) on 10/26/2009 at 11:27 am

Lab Sample Id	Sample Id	Matrix	Date/Time Collected
9102604-001	DW-1	GROUND WATER	10/23/2009 00:00
9102604-002	DW-2	GROUND WATER	10/23/2009 00:00

Please reference the Chain of Custody and Sample Receipt Checklist for specific container counts and preservatives. Any sample conditions not in compliance with sample acceptance criteria are described in the Sample Receipt Checklist.

Any holding time exceedances, deviations from the method specifications, regulatory requirements or variations to the procedures outlined in the PSS Quality Assurance Manual are outlined below.

Notes:

1. The presence of common laboratory contaminants such as acetone, methylene chloride and phthalates, may be considered a possible laboratory artifact. Where observed, appropriate consideration of data should be taken.
2. The following analytical results are never reported on a dry weight basis: pH, flashpoint, moisture and paint filter test.
3. Drinking water samples collected for the purpose of compliance with SDWA may not be suitable for their intended use unless collected by a certified sampler [COMAR 26.08.05.07.C.2].

Standard Flags/Abbreviations:

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
C Results Pending Final Confirmation.
D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
J The target analyte was positively identified below the reporting limit but greater than one-half of the reporting limit.
ND Not Detected at or above the reporting limit.
RL Reporting Limit.
U Not detected.

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102604

Envirotech Consultants LLC, Baltimore, MD

November 2, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: DW-1 | **Date/Time Sampled: 10/23/2009 00:00** | **PSS Sample ID: 9102604-001**
Matrix: GROUND WATER | **Date/Time Received: 10/26/2009 11:27**

Total Petroleum Hydrocarbons-GRO | Analytical Method: SW846 8015C | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**180**	ug/L	100		1	10/26/09	10/26/09 12:33	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102604

Envirotech Consultants LLC, Baltimore, MD

November 2, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: DW-1 **Date/Time Sampled: 10/23/2009 00:00** **PSS Sample ID: 9102604-001**
Matrix: GROUND WATER **Date/Time Received: 10/26/2009 11:27**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
Chloromethane	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
Vinyl Chloride	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
tert-Butyl alcohol	ND	ug/L	20		1	10/26/09	10/27/09 03:58	1011
Bromomethane	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
Chloroethane	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
Acetone	**11**	ug/L	10		1	10/26/09	10/27/09 03:58	1011
Cyclohexane	ND	ug/L	10		1	10/26/09	10/27/09 03:58	1011
Trichlorofluoromethane	ND	ug/L	5		1	10/26/09	10/27/09 03:58	1011
1,1-Dichloroethene	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
Methylene Chloride	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
trans-1,2-Dichloroethene	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
Methyl-t-butyl ether	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
1,1-Dichloroethane	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
2-Butanone (MEK)	ND	ug/L	10		1	10/26/09	10/27/09 03:58	1011
cis-1,2-Dichloroethene	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
Chloroform	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
1,1,1-Trichloroethane	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
1,2-Dichloroethane	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
Carbon Tetrachloride	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
Benzene	**4**	ug/L	1		1	10/26/09	10/27/09 03:58	1011
Dibromomethane	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
1,2-Dichloropropane	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
Trichloroethene	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
Carbon Disulfide	ND	ug/L	10		1	10/26/09	10/27/09 03:58	1011
Bromodichloromethane	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
cis-1,3-Dichloropropene	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
4-Methyl-2-Pentanone	ND	ug/L	5		1	10/26/09	10/27/09 03:58	1011
trans-1,3-Dichloropropene	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102604

Envirotech Consultants LLC, Baltimore, MD

November 2, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: DW-1 **Date/Time Sampled: 10/23/2009 00:00** **PSS Sample ID: 9102604-001**
Matrix: GROUND WATER **Date/Time Received: 10/26/2009 11:27**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
Toluene	**8**	ug/L	1		1	10/26/09	10/27/09 03:58	1011
2-Hexanone	ND	ug/L	10		1	10/26/09	10/27/09 03:58	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
Dibromochloromethane	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	10/26/09	10/27/09 03:58	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	10/26/09	10/27/09 03:58	1011
Diisopropyl ether	ND	ug/L	10		1	10/26/09	10/27/09 03:58	1011
tert-Amyl methyl ether	ND	ug/L	10		1	10/26/09	10/27/09 03:58	1011
tert-Amyl alcohol	ND	ug/L	20		1	10/26/09	10/27/09 03:58	1011
Bromoform	ND	ug/L	5		1	10/26/09	10/27/09 03:58	1011
Tetrachloroethene	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
Chlorobenzene	**30**	ug/L	1		1	10/26/09	10/27/09 03:58	1011
Ethylbenzene	**2**	ug/L	1		1	10/26/09	10/27/09 03:58	1011
m,p-Xylenes	**7**	ug/L	2		1	10/26/09	10/27/09 03:58	1011
Styrene	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
o-Xylene	**3**	ug/L	1		1	10/26/09	10/27/09 03:58	1011
Isopropylbenzene	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
1,3-Dichlorobenzene	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
1,4-Dichlorobenzene	**6**	ug/L	1		1	10/26/09	10/27/09 03:58	1011
1,2-Dichlorobenzene	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	10/26/09	10/27/09 03:58	1011
1,2,4-Trichlorobenzene	ND	ug/L	1		1	10/26/09	10/27/09 03:58	1011
Naphthalene	**3**	ug/L	1		1	10/26/09	10/27/09 03:58	1011

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CERTIFICATE OF ANALYSIS

No: 9102604

Envirotech Consultants LLC, Baltimore, MD

November 2, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: DW-2 **Date/Time Sampled: 10/23/2009 00:00** **PSS Sample ID: 9102604-002**
Matrix: GROUND WATER **Date/Time Received: 10/26/2009 11:27**

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	10/26/09	10/26/09 12:59	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102604

Envirotech Consultants LLC, Baltimore, MD

November 2, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: DW-2 **Date/Time Sampled: 10/23/2009 00:00** **PSS Sample ID: 9102604-002**
Matrix: GROUND WATER **Date/Time Received: 10/26/2009 11:27**

TCL Volatiles plus Oxygenates — Analytical Method: SW846 8260B — Preparation Method: SW846 5030B

pH=6

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
Chloromethane	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
Vinyl Chloride	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
tert-Butyl alcohol	ND	ug/L	20		1	10/26/09	10/27/09 04:26	1011
Bromomethane	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
Chloroethane	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
Acetone	**18**	ug/L	10		1	10/26/09	10/27/09 04:26	1011
Cyclohexane	ND	ug/L	10		1	10/26/09	10/27/09 04:26	1011
Trichlorofluoromethane	ND	ug/L	5		1	10/26/09	10/27/09 04:26	1011
1,1-Dichloroethene	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
Methylene Chloride	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
trans-1,2-Dichloroethene	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
Methyl-t-butyl ether	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
1,1-Dichloroethane	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
2-Butanone (MEK)	ND	ug/L	10		1	10/26/09	10/27/09 04:26	1011
cis-1,2-Dichloroethene	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
Chloroform	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
1,1,1-Trichloroethane	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
1,2-Dichloroethane	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
Carbon Tetrachloride	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
Benzene	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
Dibromomethane	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
1,2-Dichloropropane	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
Trichloroethene	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
Carbon Disulfide	ND	ug/L	10		1	10/26/09	10/27/09 04:26	1011
Bromodichloromethane	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
cis-1,3-Dichloropropene	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
4-Methyl-2-Pentanone	ND	ug/L	5		1	10/26/09	10/27/09 04:26	1011
trans-1,3-Dichloropropene	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102604

Envirotech Consultants LLC, Baltimore, MD

November 2, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: DW-2 **Date/Time Sampled: 10/23/2009 00:00** **PSS Sample ID: 9102604-002**
Matrix: GROUND WATER **Date/Time Received: 10/26/2009 11:27**

TCL Volatiles plus Oxygenates — Analytical Method: SW846 8260B — Preparation Method: SW846 5030B

pH=6

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
Toluene	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
2-Hexanone	ND	ug/L	10		1	10/26/09	10/27/09 04:26	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
Dibromochloromethane	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	10/26/09	10/27/09 04:26	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	10/26/09	10/27/09 04:26	1011
Diisopropyl ether	ND	ug/L	10		1	10/26/09	10/27/09 04:26	1011
tert-Amyl methyl ether	ND	ug/L	10		1	10/26/09	10/27/09 04:26	1011
tert-Amyl alcohol	ND	ug/L	20		1	10/26/09	10/27/09 04:26	1011
Bromoform	ND	ug/L	5		1	10/26/09	10/27/09 04:26	1011
Tetrachloroethene	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
Chlorobenzene	**2**	ug/L	1		1	10/26/09	10/27/09 04:26	1011
Ethylbenzene	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
m,p-Xylenes	ND	ug/L	2		1	10/26/09	10/27/09 04:26	1011
Styrene	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
o-Xylene	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
Isopropylbenzene	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
1,3-Dichlorobenzene	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
1,4-Dichlorobenzene	**2**	ug/L	1		1	10/26/09	10/27/09 04:26	1011
1,2-Dichlorobenzene	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	10/26/09	10/27/09 04:26	1011
1,2,4-Trichlorobenzene	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011
Naphthalene	ND	ug/L	1		1	10/26/09	10/27/09 04:26	1011

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

(1)

CLIENT: ENVIROTECH | OFFICE LOC.: BALTIMORE, MD
PROJECT MGR: KIP KRAUS | PHONE NO.: (410) 525-0045
EMAIL: | FAX NO.: (40) 525-8644
PROJECT NAME: E-P TRANSIT TRUCK | PROJECT NO.: 7099
SITE LOCATION: MILLERSVILLE, MD. | P.O. NO.: 0548
SAMPLERS: TONY PALLOZZI

PSS Work Order #: 9102004 | PAGE 1 OF 1

Matrix Codes:
SW=Surface Wtr **DW**=Drinking Wtr **GW**=Ground Wtr **WW**=Waste Wtr **O**=Oil **S**=Soil **WL**=Waste Liquid **WS**=Waste Solid **W**= Wipe

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE (C = COMP, G = GRAB)	Preservatives Used	HCL	HCL										REMARKS
							Analysis/ Method Required (3)	FULL SUITE VOC'S AND OXYGENATES 8260	GRO 8015										
1	DW-1	10-23-09	P.M.	GW	3	C		X	X										
2	DW-2	10-23-09	P.M.	GW	3	C		X	X										

(5)

Relinquished By: (1)	Date	Time	Received By:
Tony Pallozzi	10-26-09	A.M. 9:44	
Relinquished By: (2)	Date	Time	Received By:
	10/26/09	11:27	
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

Requested Turnaround Time
☐ 5-Day ☐ 3-Day ☐ 2-Day
☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required:

# of Coolers: 1
Custody Seal: ABS
Ice Present: ICE PACK Temp: 7°C
Shipping Carrier: DIAL

Special Instructions:

NORMAL T.A.T.

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Phase Separation Science, Inc

Sample Receipt Checklist

Wo Number	9102604	**Received By**	Lynn Moran
Client Name	Envirotech Consultants LLC	**Date Received**	10/26/2009 11:27:44 AM
Project Name	E P Transit Truck	**Delivered By**	Dial Courier
Project Number	71099	**Tracking No**	Not Applicable
Disposal Date:	11/30/2009	**Logged In By**	Lynn Moran

Shipping Container(s)

No. of Coolers	1	Ice	Ice Packs Used
Custody Seals	Absent	Temp (deg C)	7
Seal Condition	Absent	Temp Blank Present	No

Documentation

COC agrees with sample labels? ✓ Yes or ____ No Sampler Name: Tony Pallozzi

Chain of Custody (COC) ✓ Yes or ____ No MD DW Cert. No : _____

Sample Container

Appropiate for Specified Analysis?	Yes ✓ No ___	Custody Seal(s)	Absent
Intact?	✓ ____	Custody Seal(s) Intact?	Not Applicable
Labeled and Labels Legible	✓ ____	Seal(s) Signed / Dated	Not Applicable
Total No of Samples Received	2	Total No. of Containers Received	6

Preservation

		Yes	No	N/A
Metals	(pH<2)	____	____	✓
Cyanides	(pH>12)	____	____	✓
Sulfide	(pH>9)	____	____	✓
TOC, COD, Phenols	(pH<2)	____	____	✓
TOX, TKN, NH3, Total Phos	(pH<2)	____	____	✓
VOC, BTEX (VOA Vials Rcvd Preserved)	(pH<2)	✓	____	____
Do VOA vials have zero headspace?		✓	____	____

Comments: (Any "No" response must be detailed in the comments section below.)

For any improper preservation conditions, list sample ID, preservative added (reagent ID number) below as well as documentation of any client notification as well as client instructions. Samples for pH, chlorine and dissolved oxygen should be analyzed as soon as possible, preferably in the field at the time of sampling.

Samples Inspected/Checklist Completed By: _____ Date: 10/26/9

PM Review and Approval: _____ Date: 10/26/9

Printed: 10/26/2009 11:31 AM

Analytical Report for

Envirotech Consultants LLC

Certificate of Analysis No.: 9102106

Project Manager: Kip Kraus

Project Name : E.P. Transit Truck

Project Location: Millersville, MD

Project ID : 71099

October 28, 2009

Phase Separation Science, Inc.

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PHASE SEPARATION SCIENCE, INC.

October 28, 2009

Kip Kraus
Envirotech Consultants LLC
2931 Whittington Avenue
Baltimore, MD 21230

Reference: PSS Work Order No: **9102106**
Project Name : E.P. Transit Truck
Project Location: Millersville, MD
Project ID.: 71099

Dear Kip Kraus :

The attached Analytical and QC Summary lists the analytical results from the analyses performed on the samples received under the project name referenced above and identified with the Phase Separation Science (PSS) Work Order numbered **9102106**.

All work reported herein has been performed in accordance with referenced methodologies, PSS Standard Operating Procedures and the PSS Quality Assurance Manual. PSS is limited in liability to the actual cost of the sample analysis done.

PSS reserves the right to return any unused samples, extracts or related solutions. Otherwise, the samples are scheduled for disposal, without any further notice, on November 25, 2009. This includes any samples that were received with a request to be held but lacked a specific hold period. It is your responsibility to provide a written request defining a specific disposal date if additional storage is required. Upon receipt , the request will be acknowledged by PSS, thus extending the storage period.

This report shall not be reproduced except in full, without the written approval of an authorized PSS representative. A copy of this report will be retained by PSS for at least 10 years, after which time it will be disposed without further notice, unless prior arrangements have been made.

We thank you for selecting Phase Separation Science, Inc. to serve your analytical needs. If you have any questions concerning this report, do not hesitate to contact us at 410-747-8770 or info@phaseonline.com.

Dan Prucnal
Laboratory Manager

Case Narrative Summary

Client Name: Envirotech Consultants LLC

Project Name: E.P. Transit Truck

Project ID: 71099

Work Order Number: 9102106

The following samples were received under chain of custody by Phase Separation Science (PSS) on 10/21/2009 at 12:45 pm

Lab Sample Id	Sample Id	Matrix	Date/Time Collected
9102106-001	MW-14	GROUND WATER	10/19/2009 00:00
9102106-002	MW-13	GROUND WATER	10/19/2009 00:00
9102106-003	MW-12	GROUND WATER	10/19/2009 00:00
9102106-004	MW-11	GROUND WATER	10/19/2009 00:00
9102106-005	MW-6	GROUND WATER	10/19/2009 00:00
9102106-006	MW-4	GROUND WATER	10/19/2009 00:00
9102106-007	MW-10	GROUND WATER	10/19/2009 00:00
9102106-008	MW-9	GROUND WATER	10/19/2009 00:00
9102106-009	MW-8	GROUND WATER	10/19/2009 00:00
9102106-010	MW-1A	GROUND WATER	10/19/2009 00:00
9102106-011	MW-5	GROUND WATER	10/20/2009 00:00
9102106-012	MW-3	GROUND WATER	10/20/2009 00:00
9102106-013	MW-2	GROUND WATER	10/20/2009 00:00
9102106-014	MW-1	GROUND WATER	10/20/2009 00:00

Please reference the Chain of Custody and Sample Receipt Checklist for specific container counts and preservatives. Any sample conditions not in compliance with sample acceptance criteria are described in the Sample Receipt Checklist.

Any holding time exceedances, deviations from the method specifications, regulatory requirements or variations to the procedures outlined in the PSS Quality Assurance Manual are outlined below.

Notes:

1. The presence of common laboratory contaminants such as acetone, methylene chloride and phthalates, may be considered a possible laboratory artifact. Where observed, appropriate consideration of data should be taken.
2. The following analytical results are never reported on a dry weight basis: pH, flashpoint, moisture and paint filter test.
3. Drinking water samples collected for the purpose of compliance with SDWA may not be suitable for their intended use unless collected by a certified sampler [COMAR 26.08.05.07.C.2].

Standard Flags/Abbreviations:

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
C Results Pending Final Confirmation.
D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
J The target analyte was positively identified below the reporting limit but greater than one-half of the reporting limit.
ND Not Detected at or above the reporting limit.
RL Reporting Limit.
U Not detected.

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-14 **Date/Time Sampled: 10/19/2009 00:00** **PSS Sample ID: 9102106-001**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3510C

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.5		1	10/23/09	10/23/09 13:51	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	10/21/09	10/21/09 15:01	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-14 **Date/Time Sampled: 10/19/2009 00:00** **PSS Sample ID: 9102106-001**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
Chloromethane	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
Vinyl Chloride	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
tert-Butyl alcohol	ND	ug/L	20		1	10/22/09	10/22/09 17:48	1011
Bromomethane	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
Chloroethane	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
Acetone	ND	ug/L	10		1	10/22/09	10/22/09 17:48	1011
Cyclohexane	ND	ug/L	10		1	10/22/09	10/22/09 17:48	1011
Trichlorofluoromethane	ND	ug/L	5		1	10/22/09	10/22/09 17:48	1011
1,1-Dichloroethene	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
Methylene Chloride	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
trans-1,2-Dichloroethene	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
Methyl-t-butyl ether	**4**	ug/L	1		1	10/22/09	10/22/09 17:48	1011
1,1-Dichloroethane	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
2-Butanone (MEK)	ND	ug/L	10		1	10/22/09	10/22/09 17:48	1011
cis-1,2-Dichloroethene	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
Chloroform	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
1,1,1-Trichloroethane	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
1,2-Dichloroethane	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
Carbon Tetrachloride	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
Benzene	**2**	ug/L	1		1	10/22/09	10/22/09 17:48	1011
Dibromomethane	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
1,2-Dichloropropane	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
Trichloroethene	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
Carbon Disulfide	ND	ug/L	10		1	10/22/09	10/22/09 17:48	1011
Bromodichloromethane	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
cis-1,3-Dichloropropene	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
4-Methyl-2-Pentanone	ND	ug/L	5		1	10/22/09	10/22/09 17:48	1011
trans-1,3-Dichloropropene	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-14 **Date/Time Sampled: 10/19/2009 00:00** **PSS Sample ID: 9102106-001**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW846 8260B — Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
Toluene	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
2-Hexanone	ND	ug/L	10		1	10/22/09	10/22/09 17:48	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
Dibromochloromethane	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	10/22/09	10/22/09 17:48	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	10/22/09	10/22/09 17:48	1011
Diisopropyl ether	ND	ug/L	10		1	10/22/09	10/22/09 17:48	1011
tert-Amyl methyl ether	ND	ug/L	10		1	10/22/09	10/22/09 17:48	1011
tert-Amyl alcohol	**22**	ug/L	20		1	10/22/09	10/22/09 17:48	1011
Bromoform	ND	ug/L	5		1	10/22/09	10/22/09 17:48	1011
Tetrachloroethene	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
Chlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
Ethylbenzene	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
m,p-Xylenes	ND	ug/L	2		1	10/22/09	10/22/09 17:48	1011
Styrene	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
o-Xylene	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
Isopropylbenzene	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
1,3-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
1,4-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
1,2-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	10/22/09	10/22/09 17:48	1011
1,2,4-Trichlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011
Naphthalene	ND	ug/L	1		1	10/22/09	10/22/09 17:48	1011

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CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-13 **Date/Time Sampled: 10/19/2009 00:00** **PSS Sample ID: 9102106-002**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3510C

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.5		1	10/23/09	10/23/09 14:12	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	10/21/09	10/21/09 15:27	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-13 **Date/Time Sampled: 10/19/2009 00:00** **PSS Sample ID: 9102106-002**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
Chloromethane	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
Vinyl Chloride	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
tert-Butyl alcohol	ND	ug/L	20		1	10/22/09	10/22/09 18:15	1011
Bromomethane	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
Chloroethane	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
Acetone	ND	ug/L	10		1	10/22/09	10/22/09 18:15	1011
Cyclohexane	ND	ug/L	10		1	10/22/09	10/22/09 18:15	1011
Trichlorofluoromethane	ND	ug/L	5		1	10/22/09	10/22/09 18:15	1011
1,1-Dichloroethene	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
Methylene Chloride	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
trans-1,2-Dichloroethene	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
Methyl-t-butyl ether	**1**	ug/L	1		1	10/22/09	10/22/09 18:15	1011
1,1-Dichloroethane	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
2-Butanone (MEK)	ND	ug/L	10		1	10/22/09	10/22/09 18:15	1011
cis-1,2-Dichloroethene	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
Chloroform	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
1,1,1-Trichloroethane	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
1,2-Dichloroethane	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
Carbon Tetrachloride	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
Benzene	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
Dibromomethane	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
1,2-Dichloropropane	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
Trichloroethene	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
Carbon Disulfide	ND	ug/L	10		1	10/22/09	10/22/09 18:15	1011
Bromodichloromethane	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
cis-1,3-Dichloropropene	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
4-Methyl-2-Pentanone	ND	ug/L	5		1	10/22/09	10/22/09 18:15	1011
trans-1,3-Dichloropropene	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-13 **Date/Time Sampled: 10/19/2009 00:00** **PSS Sample ID: 9102106-002**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
Toluene	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
2-Hexanone	ND	ug/L	10		1	10/22/09	10/22/09 18:15	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
Dibromochloromethane	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	10/22/09	10/22/09 18:15	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	10/22/09	10/22/09 18:15	1011
Diisopropyl ether	ND	ug/L	10		1	10/22/09	10/22/09 18:15	1011
tert-Amyl methyl ether	ND	ug/L	10		1	10/22/09	10/22/09 18:15	1011
tert-Amyl alcohol	ND	ug/L	20		1	10/22/09	10/22/09 18:15	1011
Bromoform	ND	ug/L	5		1	10/22/09	10/22/09 18:15	1011
Tetrachloroethene	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
Chlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
Ethylbenzene	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
m,p-Xylenes	ND	ug/L	2		1	10/22/09	10/22/09 18:15	1011
Styrene	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
o-Xylene	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
Isopropylbenzene	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
1,3-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
1,4-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
1,2-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	10/22/09	10/22/09 18:15	1011
1,2,4-Trichlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011
Naphthalene	ND	ug/L	1		1	10/22/09	10/22/09 18:15	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-12 **Date/Time Sampled: 10/19/2009 00:00** **PSS Sample ID: 9102106-003**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3510C

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**0.6**	mg/L	0.5		1	10/23/09	10/23/09 14:34	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030B

pH = 11

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**640**	ug/L	100		1	10/21/09	10/21/09 15:53	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-12 **Date/Time Sampled: 10/19/2009 00:00** **PSS Sample ID: 9102106-003**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW846 8260B — Preparation Method: SW846 5030B

pH=11

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
Chloromethane	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
Vinyl Chloride	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
tert-Butyl alcohol	ND	ug/L	20		1	10/22/09	10/22/09 18:43	1011
Bromomethane	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
Chloroethane	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
Acetone	**65**	ug/L	10		1	10/22/09	10/22/09 18:43	1011
Cyclohexane	ND	ug/L	10		1	10/22/09	10/22/09 18:43	1011
Trichlorofluoromethane	ND	ug/L	5		1	10/22/09	10/22/09 18:43	1011
1,1-Dichloroethene	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
Methylene Chloride	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
trans-1,2-Dichloroethene	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
Methyl-t-butyl ether	**9**	ug/L	1		1	10/22/09	10/22/09 18:43	1011
1,1-Dichloroethane	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
2-Butanone (MEK)	**27**	ug/L	10		1	10/22/09	10/22/09 18:43	1011
cis-1,2-Dichloroethene	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
Chloroform	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
1,1,1-Trichloroethane	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
1,2-Dichloroethane	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
Carbon Tetrachloride	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
Benzene	**3**	ug/L	1		1	10/22/09	10/22/09 18:43	1011
Dibromomethane	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
1,2-Dichloropropane	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
Trichloroethene	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
Carbon Disulfide	ND	ug/L	10		1	10/22/09	10/22/09 18:43	1011
Bromodichloromethane	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
cis-1,3-Dichloropropene	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
4-Methyl-2-Pentanone	ND	ug/L	5		1	10/22/09	10/22/09 18:43	1011
trans-1,3-Dichloropropene	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-12 **Date/Time Sampled: 10/19/2009 00:00** **PSS Sample ID: 9102106-003**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW846 8260B — Preparation Method: SW846 5030B

pH=11

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
Toluene	**6**	ug/L	1		1	10/22/09	10/22/09 18:43	1011
2-Hexanone	ND	ug/L	10		1	10/22/09	10/22/09 18:43	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
Dibromochloromethane	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	10/22/09	10/22/09 18:43	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	10/22/09	10/22/09 18:43	1011
Diisopropyl ether	ND	ug/L	10		1	10/22/09	10/22/09 18:43	1011
tert-Amyl methyl ether	ND	ug/L	10		1	10/22/09	10/22/09 18:43	1011
tert-Amyl alcohol	**40**	ug/L	20		1	10/22/09	10/22/09 18:43	1011
Bromoform	ND	ug/L	5		1	10/22/09	10/22/09 18:43	1011
Tetrachloroethene	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
Chlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
Ethylbenzene	**8**	ug/L	1		1	10/22/09	10/22/09 18:43	1011
m,p-Xylenes	**38**	ug/L	2		1	10/22/09	10/22/09 18:43	1011
Styrene	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
o-Xylene	**21**	ug/L	1		1	10/22/09	10/22/09 18:43	1011
Isopropylbenzene	**3**	ug/L	1		1	10/22/09	10/22/09 18:43	1011
1,3-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
1,4-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
1,2-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	10/22/09	10/22/09 18:43	1011
1,2,4-Trichlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 18:43	1011
Naphthalene	**5**	ug/L	1		1	10/22/09	10/22/09 18:43	1011

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CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-11 **Date/Time Sampled: 10/19/2009 00:00** **PSS Sample ID: 9102106-004**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3510C

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.5		1	10/23/09	10/23/09 14:55	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	10/21/09	10/21/09 16:19	1035

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CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-11 **Date/Time Sampled: 10/19/2009 00:00** **PSS Sample ID: 9102106-004**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
Chloromethane	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
Vinyl Chloride	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
tert-Butyl alcohol	ND	ug/L	20		1	10/22/09	10/22/09 19:11	1011
Bromomethane	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
Chloroethane	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
Acetone	ND	ug/L	10		1	10/22/09	10/22/09 19:11	1011
Cyclohexane	ND	ug/L	10		1	10/22/09	10/22/09 19:11	1011
Trichlorofluoromethane	ND	ug/L	5		1	10/22/09	10/22/09 19:11	1011
1,1-Dichloroethene	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
Methylene Chloride	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
trans-1,2-Dichloroethene	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
Methyl-t-butyl ether	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
1,1-Dichloroethane	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
2-Butanone (MEK)	ND	ug/L	10		1	10/22/09	10/22/09 19:11	1011
cis-1,2-Dichloroethene	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
Chloroform	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
1,1,1-Trichloroethane	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
1,2-Dichloroethane	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
Carbon Tetrachloride	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
Benzene	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
Dibromomethane	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
1,2-Dichloropropane	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
Trichloroethene	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
Carbon Disulfide	ND	ug/L	10		1	10/22/09	10/22/09 19:11	1011
Bromodichloromethane	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
cis-1,3-Dichloropropene	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
4-Methyl-2-Pentanone	ND	ug/L	5		1	10/22/09	10/22/09 19:11	1011
trans-1,3-Dichloropropene	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-11 **Date/Time Sampled: 10/19/2009 00:00** **PSS Sample ID: 9102106-004**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
Toluene	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
2-Hexanone	ND	ug/L	10		1	10/22/09	10/22/09 19:11	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
Dibromochloromethane	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	10/22/09	10/22/09 19:11	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	10/22/09	10/22/09 19:11	1011
Diisopropyl ether	ND	ug/L	10		1	10/22/09	10/22/09 19:11	1011
tert-Amyl methyl ether	ND	ug/L	10		1	10/22/09	10/22/09 19:11	1011
tert-Amyl alcohol	ND	ug/L	20		1	10/22/09	10/22/09 19:11	1011
Bromoform	ND	ug/L	5		1	10/22/09	10/22/09 19:11	1011
Tetrachloroethene	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
Chlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
Ethylbenzene	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
m,p-Xylenes	ND	ug/L	2		1	10/22/09	10/22/09 19:11	1011
Styrene	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
o-Xylene	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
Isopropylbenzene	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
1,3-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
1,4-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
1,2-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	10/22/09	10/22/09 19:11	1011
1,2,4-Trichlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011
Naphthalene	ND	ug/L	1		1	10/22/09	10/22/09 19:11	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-6 **Date/Time Sampled: 10/19/2009 00:00** **PSS Sample ID: 9102106-005**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3510C

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.5		1	10/23/09	10/23/09 14:55	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**610**	ug/L	100		1	10/21/09	10/21/09 16:45	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-6 **Date/Time Sampled: 10/19/2009 00:00** **PSS Sample ID: 9102106-005**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011
Chloromethane	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011
Vinyl Chloride	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011
tert-Butyl alcohol	ND	ug/L	20		1	10/22/09	10/22/09 19:39	1011
Bromomethane	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011
Chloroethane	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011
Acetone	ND	ug/L	10		1	10/22/09	10/22/09 19:39	1011
Cyclohexane	**20**	ug/L	10		1	10/22/09	10/22/09 19:39	1011
Trichlorofluoromethane	ND	ug/L	5		1	10/22/09	10/22/09 19:39	1011
1,1-Dichloroethene	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011
Methylene Chloride	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011
trans-1,2-Dichloroethene	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011
Methyl-t-butyl ether	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011
1,1-Dichloroethane	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011
2-Butanone (MEK)	ND	ug/L	10		1	10/22/09	10/22/09 19:39	1011
cis-1,2-Dichloroethene	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011
Chloroform	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011
1,1,1-Trichloroethane	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011
1,2-Dichloroethane	**9**	ug/L	1		1	10/22/09	10/22/09 19:39	1011
Carbon Tetrachloride	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011
Benzene	**13**	ug/L	1		1	10/22/09	10/22/09 19:39	1011
Dibromomethane	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011
1,2-Dichloropropane	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011
Trichloroethene	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011
Carbon Disulfide	ND	ug/L	10		1	10/22/09	10/22/09 19:39	1011
Bromodichloromethane	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011
cis-1,3-Dichloropropene	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011
4-Methyl-2-Pentanone	ND	ug/L	5		1	10/22/09	10/22/09 19:39	1011
trans-1,3-Dichloropropene	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-6 **Date/Time Sampled: 10/19/2009 00:00** **PSS Sample ID: 9102106-005**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011
Toluene	**37**	ug/L	1		1	10/22/09	10/22/09 19:39	1011
2-Hexanone	ND	ug/L	10		1	10/22/09	10/22/09 19:39	1011
1,2-Dibromoethane (EDB)	**2**	ug/L	1		1	10/22/09	10/22/09 19:39	1011
Dibromochloromethane	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	10/22/09	10/22/09 19:39	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	10/22/09	10/22/09 19:39	1011
Diisopropyl ether	ND	ug/L	10		1	10/22/09	10/22/09 19:39	1011
tert-Amyl methyl ether	ND	ug/L	10		1	10/22/09	10/22/09 19:39	1011
tert-Amyl alcohol	ND	ug/L	20		1	10/22/09	10/22/09 19:39	1011
Bromoform	ND	ug/L	5		1	10/22/09	10/22/09 19:39	1011
Tetrachloroethene	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011
Chlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011
Ethylbenzene	**23**	ug/L	1		1	10/22/09	10/22/09 19:39	1011
m,p-Xylenes	ND	ug/L	2		1	10/22/09	10/22/09 19:39	1011
Styrene	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011
o-Xylene	**18**	ug/L	1		1	10/22/09	10/22/09 19:39	1011
Isopropylbenzene	**4**	ug/L	1		1	10/22/09	10/22/09 19:39	1011
1,3-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011
1,4-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011
1,2-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	10/22/09	10/22/09 19:39	1011
1,2,4-Trichlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 19:39	1011
Naphthalene	**7**	ug/L	1		1	10/22/09	10/22/09 19:39	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-4 **Date/Time Sampled: 10/19/2009 00:00** **PSS Sample ID: 9102106-006**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3510C

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.5		1	10/23/09	10/23/09 15:16	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	10/21/09	10/21/09 17:11	1035

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CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-4 **Date/Time Sampled: 10/19/2009 00:00** **PSS Sample ID: 9102106-006**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
Chloromethane	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
Vinyl Chloride	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
tert-Butyl alcohol	ND	ug/L	20		1	10/22/09	10/22/09 20:07	1011
Bromomethane	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
Chloroethane	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
Acetone	ND	ug/L	10		1	10/22/09	10/22/09 20:07	1011
Cyclohexane	ND	ug/L	10		1	10/22/09	10/22/09 20:07	1011
Trichlorofluoromethane	ND	ug/L	5		1	10/22/09	10/22/09 20:07	1011
1,1-Dichloroethene	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
Methylene Chloride	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
trans-1,2-Dichloroethene	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
Methyl-t-butyl ether	**3**	ug/L	1		1	10/22/09	10/22/09 20:07	1011
1,1-Dichloroethane	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
2-Butanone (MEK)	ND	ug/L	10		1	10/22/09	10/22/09 20:07	1011
cis-1,2-Dichloroethene	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
Chloroform	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
1,1,1-Trichloroethane	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
1,2-Dichloroethane	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
Carbon Tetrachloride	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
Benzene	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
Dibromomethane	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
1,2-Dichloropropane	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
Trichloroethene	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
Carbon Disulfide	ND	ug/L	10		1	10/22/09	10/22/09 20:07	1011
Bromodichloromethane	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
cis-1,3-Dichloropropene	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
4-Methyl-2-Pentanone	ND	ug/L	5		1	10/22/09	10/22/09 20:07	1011
trans-1,3-Dichloropropene	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-4 **Date/Time Sampled: 10/19/2009 00:00** **PSS Sample ID: 9102106-006**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
Toluene	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
2-Hexanone	ND	ug/L	10		1	10/22/09	10/22/09 20:07	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
Dibromochloromethane	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	10/22/09	10/22/09 20:07	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	10/22/09	10/22/09 20:07	1011
Diisopropyl ether	ND	ug/L	10		1	10/22/09	10/22/09 20:07	1011
tert-Amyl methyl ether	ND	ug/L	10		1	10/22/09	10/22/09 20:07	1011
tert-Amyl alcohol	ND	ug/L	20		1	10/22/09	10/22/09 20:07	1011
Bromoform	ND	ug/L	5		1	10/22/09	10/22/09 20:07	1011
Tetrachloroethene	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
Chlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
Ethylbenzene	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
m,p-Xylenes	ND	ug/L	2		1	10/22/09	10/22/09 20:07	1011
Styrene	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
o-Xylene	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
Isopropylbenzene	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
1,3-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
1,4-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
1,2-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	10/22/09	10/22/09 20:07	1011
1,2,4-Trichlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011
Naphthalene	ND	ug/L	1		1	10/22/09	10/22/09 20:07	1011

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CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-10 **Date/Time Sampled: 10/19/2009 00:00** **PSS Sample ID: 9102106-007**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3510C

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.5		1	10/23/09	10/23/09 15:16	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	10/21/09	10/21/09 17:38	1035

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No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-10 **Date/Time Sampled: 10/19/2009 00:00** **PSS Sample ID: 9102106-007**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
Chloromethane	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
Vinyl Chloride	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
tert-Butyl alcohol	ND	ug/L	20		1	10/22/09	10/22/09 20:35	1011
Bromomethane	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
Chloroethane	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
Acetone	ND	ug/L	10		1	10/22/09	10/22/09 20:35	1011
Cyclohexane	ND	ug/L	10		1	10/22/09	10/22/09 20:35	1011
Trichlorofluoromethane	ND	ug/L	5		1	10/22/09	10/22/09 20:35	1011
1,1-Dichloroethene	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
Methylene Chloride	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
trans-1,2-Dichloroethene	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
Methyl-t-butyl ether	**2**	ug/L	1		1	10/22/09	10/22/09 20:35	1011
1,1-Dichloroethane	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
2-Butanone (MEK)	ND	ug/L	10		1	10/22/09	10/22/09 20:35	1011
cis-1,2-Dichloroethene	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
Chloroform	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
1,1,1-Trichloroethane	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
1,2-Dichloroethane	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
Carbon Tetrachloride	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
Benzene	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
Dibromomethane	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
1,2-Dichloropropane	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
Trichloroethene	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
Carbon Disulfide	ND	ug/L	10		1	10/22/09	10/22/09 20:35	1011
Bromodichloromethane	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
cis-1,3-Dichloropropene	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
4-Methyl-2-Pentanone	ND	ug/L	5		1	10/22/09	10/22/09 20:35	1011
trans-1,3-Dichloropropene	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-10 **Date/Time Sampled: 10/19/2009 00:00** **PSS Sample ID: 9102106-007**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
Toluene	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
2-Hexanone	ND	ug/L	10		1	10/22/09	10/22/09 20:35	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
Dibromochloromethane	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	10/22/09	10/22/09 20:35	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	10/22/09	10/22/09 20:35	1011
Diisopropyl ether	ND	ug/L	10		1	10/22/09	10/22/09 20:35	1011
tert-Amyl methyl ether	ND	ug/L	10		1	10/22/09	10/22/09 20:35	1011
tert-Amyl alcohol	ND	ug/L	20		1	10/22/09	10/22/09 20:35	1011
Bromoform	ND	ug/L	5		1	10/22/09	10/22/09 20:35	1011
Tetrachloroethene	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
Chlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
Ethylbenzene	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
m,p-Xylenes	ND	ug/L	2		1	10/22/09	10/22/09 20:35	1011
Styrene	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
o-Xylene	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
Isopropylbenzene	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
1,3-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
1,4-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
1,2-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	10/22/09	10/22/09 20:35	1011
1,2,4-Trichlorobenzene	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011
Naphthalene	ND	ug/L	1		1	10/22/09	10/22/09 20:35	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-9 **Date/Time Sampled: 10/19/2009 00:00** **PSS Sample ID: 9102106-008**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3510C

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.5		1	10/23/09	10/23/09 15:38	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	**2,400**	ug/L	100		1	10/21/09	10/21/09 18:04	1035

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CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-9 **Date/Time Sampled: 10/19/2009 00:00** **PSS Sample ID: 9102106-008**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
Chloromethane	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
Vinyl Chloride	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
tert-Butyl alcohol	ND	ug/L	20		1	10/22/09	10/23/09 01:41	1011
Bromomethane	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
Chloroethane	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
Acetone	**14**	ug/L	10		1	10/22/09	10/23/09 01:41	1011
Cyclohexane	ND	ug/L	10		1	10/22/09	10/23/09 01:41	1011
Trichlorofluoromethane	ND	ug/L	5		1	10/22/09	10/23/09 01:41	1011
1,1-Dichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
Methylene Chloride	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
trans-1,2-Dichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
Methyl-t-butyl ether	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
1,1-Dichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
2-Butanone (MEK)	**28**	ug/L	10		1	10/22/09	10/23/09 01:41	1011
cis-1,2-Dichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
Chloroform	**2**	ug/L	1		1	10/22/09	10/23/09 01:41	1011
1,1,1-Trichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
1,2-Dichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
Carbon Tetrachloride	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
Benzene	**2**	ug/L	1		1	10/22/09	10/23/09 01:41	1011
Dibromomethane	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
1,2-Dichloropropane	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
Trichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
Carbon Disulfide	ND	ug/L	10		1	10/22/09	10/23/09 01:41	1011
Bromodichloromethane	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
cis-1,3-Dichloropropene	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
4-Methyl-2-Pentanone	ND	ug/L	5		1	10/22/09	10/23/09 01:41	1011
trans-1,3-Dichloropropene	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-9 **Date/Time Sampled: 10/19/2009 00:00** **PSS Sample ID: 9102106-008**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
Toluene	**67**	ug/L	1		1	10/22/09	10/23/09 01:41	1011
2-Hexanone	ND	ug/L	10		1	10/22/09	10/23/09 01:41	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
Dibromochloromethane	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	10/22/09	10/23/09 01:41	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	10/22/09	10/23/09 01:41	1011
Diisopropyl ether	ND	ug/L	10		1	10/22/09	10/23/09 01:41	1011
tert-Amyl methyl ether	ND	ug/L	10		1	10/22/09	10/23/09 01:41	1011
tert-Amyl alcohol	ND	ug/L	20		1	10/22/09	10/23/09 01:41	1011
Bromoform	ND	ug/L	5		1	10/22/09	10/23/09 01:41	1011
Tetrachloroethene	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
Chlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
Ethylbenzene	**44**	ug/L	1		1	10/22/09	10/23/09 01:41	1011
m,p-Xylenes	**180**	ug/L	2		1	10/22/09	10/23/09 01:41	1011
Styrene	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
o-Xylene	**76**	ug/L	1		1	10/22/09	10/23/09 01:41	1011
Isopropylbenzene	**7**	ug/L	1		1	10/22/09	10/23/09 01:41	1011
1,3-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
1,4-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
1,2-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	10/22/09	10/23/09 01:41	1011
1,2,4-Trichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 01:41	1011
Naphthalene	**23**	ug/L	1		1	10/22/09	10/23/09 01:41	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-8 **Date/Time Sampled: 10/19/2009 00:00** **PSS Sample ID: 9102106-009**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3510C

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	**0.8**	mg/L	0.5		1	10/23/09	10/23/09 15:38	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	10/21/09	10/21/09 18:30	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-8 **Date/Time Sampled: 10/19/2009 00:00** **PSS Sample ID: 9102106-009**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
Chloromethane	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
Vinyl Chloride	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
tert-Butyl alcohol	ND	ug/L	20		1	10/22/09	10/23/09 02:37	1011
Bromomethane	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
Chloroethane	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
Acetone	ND	ug/L	10		1	10/22/09	10/23/09 02:37	1011
Cyclohexane	ND	ug/L	10		1	10/22/09	10/23/09 02:37	1011
Trichlorofluoromethane	ND	ug/L	5		1	10/22/09	10/23/09 02:37	1011
1,1-Dichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
Methylene Chloride	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
trans-1,2-Dichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
Methyl-t-butyl ether	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
1,1-Dichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
2-Butanone (MEK)	ND	ug/L	10		1	10/22/09	10/23/09 02:37	1011
cis-1,2-Dichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
Chloroform	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
1,1,1-Trichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
1,2-Dichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
Carbon Tetrachloride	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
Benzene	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
Dibromomethane	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
1,2-Dichloropropane	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
Trichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
Carbon Disulfide	ND	ug/L	10		1	10/22/09	10/23/09 02:37	1011
Bromodichloromethane	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
cis-1,3-Dichloropropene	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
4-Methyl-2-Pentanone	ND	ug/L	5		1	10/22/09	10/23/09 02:37	1011
trans-1,3-Dichloropropene	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-8 **Date/Time Sampled: 10/19/2009 00:00** **PSS Sample ID: 9102106-009**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
Toluene	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
2-Hexanone	ND	ug/L	10		1	10/22/09	10/23/09 02:37	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
Dibromochloromethane	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	10/22/09	10/23/09 02:37	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	10/22/09	10/23/09 02:37	1011
Diisopropyl ether	ND	ug/L	10		1	10/22/09	10/23/09 02:37	1011
tert-Amyl methyl ether	ND	ug/L	10		1	10/22/09	10/23/09 02:37	1011
tert-Amyl alcohol	ND	ug/L	20		1	10/22/09	10/23/09 02:37	1011
Bromoform	ND	ug/L	5		1	10/22/09	10/23/09 02:37	1011
Tetrachloroethene	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
Chlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
Ethylbenzene	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
m,p-Xylenes	ND	ug/L	2		1	10/22/09	10/23/09 02:37	1011
Styrene	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
o-Xylene	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
Isopropylbenzene	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
1,3-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
1,4-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
1,2-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	10/22/09	10/23/09 02:37	1011
1,2,4-Trichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011
Naphthalene	ND	ug/L	1		1	10/22/09	10/23/09 02:37	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-1A **Date/Time Sampled: 10/19/2009 00:00** **PSS Sample ID: 9102106-010**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3510C

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.5		1	10/23/09	10/23/09 15:59	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	10/22/09	10/22/09 11:42	1035

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CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-1A **Date/Time Sampled: 10/19/2009 00:00** **PSS Sample ID: 9102106-010**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
Chloromethane	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
Vinyl Chloride	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
tert-Butyl alcohol	ND	ug/L	20		1	10/22/09	10/23/09 03:05	1011
Bromomethane	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
Chloroethane	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
Acetone	ND	ug/L	10		1	10/22/09	10/23/09 03:05	1011
Cyclohexane	ND	ug/L	10		1	10/22/09	10/23/09 03:05	1011
Trichlorofluoromethane	ND	ug/L	5		1	10/22/09	10/23/09 03:05	1011
1,1-Dichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
Methylene Chloride	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
trans-1,2-Dichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
Methyl-t-butyl ether	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
1,1-Dichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
2-Butanone (MEK)	ND	ug/L	10		1	10/22/09	10/23/09 03:05	1011
cis-1,2-Dichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
Chloroform	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
1,1,1-Trichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
1,2-Dichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
Carbon Tetrachloride	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
Benzene	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
Dibromomethane	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
1,2-Dichloropropane	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
Trichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
Carbon Disulfide	ND	ug/L	10		1	10/22/09	10/23/09 03:05	1011
Bromodichloromethane	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
cis-1,3-Dichloropropene	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
4-Methyl-2-Pentanone	ND	ug/L	5		1	10/22/09	10/23/09 03:05	1011
trans-1,3-Dichloropropene	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-1A **Date/Time Sampled: 10/19/2009 00:00** **PSS Sample ID: 9102106-010**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
Toluene	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
2-Hexanone	ND	ug/L	10		1	10/22/09	10/23/09 03:05	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
Dibromochloromethane	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	10/22/09	10/23/09 03:05	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	10/22/09	10/23/09 03:05	1011
Diisopropyl ether	ND	ug/L	10		1	10/22/09	10/23/09 03:05	1011
tert-Amyl methyl ether	ND	ug/L	10		1	10/22/09	10/23/09 03:05	1011
tert-Amyl alcohol	ND	ug/L	20		1	10/22/09	10/23/09 03:05	1011
Bromoform	ND	ug/L	5		1	10/22/09	10/23/09 03:05	1011
Tetrachloroethene	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
Chlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
Ethylbenzene	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
m,p-Xylenes	ND	ug/L	2		1	10/22/09	10/23/09 03:05	1011
Styrene	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
o-Xylene	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
Isopropylbenzene	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
1,3-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
1,4-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
1,2-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	10/22/09	10/23/09 03:05	1011
1,2,4-Trichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011
Naphthalene	ND	ug/L	1		1	10/22/09	10/23/09 03:05	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-5 **Date/Time Sampled: 10/20/2009 00:00** **PSS Sample ID: 9102106-011**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3510C

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.5		1	10/23/09	10/23/09 15:59	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	10/22/09	10/22/09 12:08	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-5 **Date/Time Sampled: 10/20/2009 00:00** **PSS Sample ID: 9102106-011**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
Chloromethane	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
Vinyl Chloride	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
tert-Butyl alcohol	ND	ug/L	20		1	10/22/09	10/23/09 03:33	1011
Bromomethane	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
Chloroethane	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
Acetone	ND	ug/L	10		1	10/22/09	10/23/09 03:33	1011
Cyclohexane	ND	ug/L	10		1	10/22/09	10/23/09 03:33	1011
Trichlorofluoromethane	ND	ug/L	5		1	10/22/09	10/23/09 03:33	1011
1,1-Dichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
Methylene Chloride	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
trans-1,2-Dichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
Methyl-t-butyl ether	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
1,1-Dichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
2-Butanone (MEK)	ND	ug/L	10		1	10/22/09	10/23/09 03:33	1011
cis-1,2-Dichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
Chloroform	**2**	ug/L	1		1	10/22/09	10/23/09 03:33	1011
1,1,1-Trichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
1,2-Dichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
Carbon Tetrachloride	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
Benzene	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
Dibromomethane	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
1,2-Dichloropropane	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
Trichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
Carbon Disulfide	ND	ug/L	10		1	10/22/09	10/23/09 03:33	1011
Bromodichloromethane	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
cis-1,3-Dichloropropene	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
4-Methyl-2-Pentanone	ND	ug/L	5		1	10/22/09	10/23/09 03:33	1011
trans-1,3-Dichloropropene	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-5 **Date/Time Sampled: 10/20/2009 00:00** **PSS Sample ID: 9102106-011**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
Toluene	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
2-Hexanone	ND	ug/L	10		1	10/22/09	10/23/09 03:33	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
Dibromochloromethane	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	10/22/09	10/23/09 03:33	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	10/22/09	10/23/09 03:33	1011
Diisopropyl ether	ND	ug/L	10		1	10/22/09	10/23/09 03:33	1011
tert-Amyl methyl ether	ND	ug/L	10		1	10/22/09	10/23/09 03:33	1011
tert-Amyl alcohol	ND	ug/L	20		1	10/22/09	10/23/09 03:33	1011
Bromoform	ND	ug/L	5		1	10/22/09	10/23/09 03:33	1011
Tetrachloroethene	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
Chlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
Ethylbenzene	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
m,p-Xylenes	ND	ug/L	2		1	10/22/09	10/23/09 03:33	1011
Styrene	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
o-Xylene	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
Isopropylbenzene	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
1,3-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
1,4-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
1,2-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	10/22/09	10/23/09 03:33	1011
1,2,4-Trichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011
Naphthalene	ND	ug/L	1		1	10/22/09	10/23/09 03:33	1011

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CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-3 **Date/Time Sampled: 10/20/2009 00:00** **PSS Sample ID: 9102106-012**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3510C

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.5		1	10/23/09	10/23/09 16:20	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	10/22/09	10/22/09 12:34	1035

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CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-3 **Date/Time Sampled: 10/20/2009 00:00** **PSS Sample ID: 9102106-012**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW846 8260B — Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
Chloromethane	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
Vinyl Chloride	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
tert-Butyl alcohol	ND	ug/L	20		1	10/22/09	10/23/09 04:01	1011
Bromomethane	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
Chloroethane	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
Acetone	ND	ug/L	10		1	10/22/09	10/23/09 04:01	1011
Cyclohexane	ND	ug/L	10		1	10/22/09	10/23/09 04:01	1011
Trichlorofluoromethane	ND	ug/L	5		1	10/22/09	10/23/09 04:01	1011
1,1-Dichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
Methylene Chloride	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
trans-1,2-Dichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
Methyl-t-butyl ether	**3**	ug/L	1		1	10/22/09	10/23/09 04:01	1011
1,1-Dichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
2-Butanone (MEK)	ND	ug/L	10		1	10/22/09	10/23/09 04:01	1011
cis-1,2-Dichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
Chloroform	**1**	ug/L	1		1	10/22/09	10/23/09 04:01	1011
1,1,1-Trichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
1,2-Dichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
Carbon Tetrachloride	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
Benzene	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
Dibromomethane	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
1,2-Dichloropropane	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
Trichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
Carbon Disulfide	ND	ug/L	10		1	10/22/09	10/23/09 04:01	1011
Bromodichloromethane	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
cis-1,3-Dichloropropene	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
4-Methyl-2-Pentanone	ND	ug/L	5		1	10/22/09	10/23/09 04:01	1011
trans-1,3-Dichloropropene	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-3 **Date/Time Sampled: 10/20/2009 00:00** **PSS Sample ID: 9102106-012**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
Toluene	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
2-Hexanone	ND	ug/L	10		1	10/22/09	10/23/09 04:01	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
Dibromochloromethane	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	10/22/09	10/23/09 04:01	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	10/22/09	10/23/09 04:01	1011
Diisopropyl ether	ND	ug/L	10		1	10/22/09	10/23/09 04:01	1011
tert-Amyl methyl ether	ND	ug/L	10		1	10/22/09	10/23/09 04:01	1011
tert-Amyl alcohol	ND	ug/L	20		1	10/22/09	10/23/09 04:01	1011
Bromoform	ND	ug/L	5		1	10/22/09	10/23/09 04:01	1011
Tetrachloroethene	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
Chlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
Ethylbenzene	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
m,p-Xylenes	ND	ug/L	2		1	10/22/09	10/23/09 04:01	1011
Styrene	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
o-Xylene	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
Isopropylbenzene	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
1,3-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
1,4-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
1,2-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	10/22/09	10/23/09 04:01	1011
1,2,4-Trichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011
Naphthalene	ND	ug/L	1		1	10/22/09	10/23/09 04:01	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-2 **Date/Time Sampled: 10/20/2009 00:00** **PSS Sample ID: 9102106-013**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3510C

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.5		1	10/23/09	10/23/09 16:20	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	10/22/09	10/22/09 13:00	1035

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-2 **Date/Time Sampled: 10/20/2009 00:00** **PSS Sample ID: 9102106-013**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
Chloromethane	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
Vinyl Chloride	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
tert-Butyl alcohol	ND	ug/L	20		1	10/22/09	10/23/09 04:29	1011
Bromomethane	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
Chloroethane	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
Acetone	ND	ug/L	10		1	10/22/09	10/23/09 04:29	1011
Cyclohexane	ND	ug/L	10		1	10/22/09	10/23/09 04:29	1011
Trichlorofluoromethane	ND	ug/L	5		1	10/22/09	10/23/09 04:29	1011
1,1-Dichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
Methylene Chloride	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
trans-1,2-Dichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
Methyl-t-butyl ether	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
1,1-Dichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
2-Butanone (MEK)	ND	ug/L	10		1	10/22/09	10/23/09 04:29	1011
cis-1,2-Dichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
Chloroform	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
1,1,1-Trichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
1,2-Dichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
Carbon Tetrachloride	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
Benzene	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
Dibromomethane	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
1,2-Dichloropropane	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
Trichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
Carbon Disulfide	ND	ug/L	10		1	10/22/09	10/23/09 04:29	1011
Bromodichloromethane	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
cis-1,3-Dichloropropene	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
4-Methyl-2-Pentanone	ND	ug/L	5		1	10/22/09	10/23/09 04:29	1011
trans-1,3-Dichloropropene	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-2 **Date/Time Sampled: 10/20/2009 00:00** **PSS Sample ID: 9102106-013**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
Toluene	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
2-Hexanone	ND	ug/L	10		1	10/22/09	10/23/09 04:29	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
Dibromochloromethane	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	10/22/09	10/23/09 04:29	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	10/22/09	10/23/09 04:29	1011
Diisopropyl ether	ND	ug/L	10		1	10/22/09	10/23/09 04:29	1011
tert-Amyl methyl ether	ND	ug/L	10		1	10/22/09	10/23/09 04:29	1011
tert-Amyl alcohol	ND	ug/L	20		1	10/22/09	10/23/09 04:29	1011
Bromoform	ND	ug/L	5		1	10/22/09	10/23/09 04:29	1011
Tetrachloroethene	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
Chlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
Ethylbenzene	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
m,p-Xylenes	ND	ug/L	2		1	10/22/09	10/23/09 04:29	1011
Styrene	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
o-Xylene	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
Isopropylbenzene	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
1,3-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
1,4-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
1,2-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	10/22/09	10/23/09 04:29	1011
1,2,4-Trichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011
Naphthalene	ND	ug/L	1		1	10/22/09	10/23/09 04:29	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-1 **Date/Time Sampled: 10/20/2009 00:00** **PSS Sample ID: 9102106-014**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3510C

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.5		1	10/23/09	10/23/09 17:03	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	10/22/09	10/22/09 13:26	1035

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CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-1 **Date/Time Sampled: 10/20/2009 00:00** **PSS Sample ID: 9102106-014**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
Chloromethane	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
Vinyl Chloride	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
tert-Butyl alcohol	ND	ug/L	20		1	10/22/09	10/23/09 04:56	1011
Bromomethane	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
Chloroethane	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
Acetone	ND	ug/L	10		1	10/22/09	10/23/09 04:56	1011
Cyclohexane	ND	ug/L	10		1	10/22/09	10/23/09 04:56	1011
Trichlorofluoromethane	ND	ug/L	5		1	10/22/09	10/23/09 04:56	1011
1,1-Dichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
Methylene Chloride	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
trans-1,2-Dichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
Methyl-t-butyl ether	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
1,1-Dichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
2-Butanone (MEK)	ND	ug/L	10		1	10/22/09	10/23/09 04:56	1011
cis-1,2-Dichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
Chloroform	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
1,1,1-Trichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
1,2-Dichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
Carbon Tetrachloride	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
Benzene	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
Dibromomethane	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
1,2-Dichloropropane	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
Trichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
Carbon Disulfide	ND	ug/L	10		1	10/22/09	10/23/09 04:56	1011
Bromodichloromethane	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
cis-1,3-Dichloropropene	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
4-Methyl-2-Pentanone	ND	ug/L	5		1	10/22/09	10/23/09 04:56	1011
trans-1,3-Dichloropropene	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102106

Envirotech Consultants LLC, Baltimore, MD

October 28, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: MW-1 **Date/Time Sampled: 10/20/2009 00:00** **PSS Sample ID: 9102106-014**
Matrix: GROUND WATER **Date/Time Received: 10/21/2009 12:45**

TCL Volatiles plus Oxygenates — Analytical Method: SW846 8260B — Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
Toluene	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
2-Hexanone	ND	ug/L	10		1	10/22/09	10/23/09 04:56	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
Dibromochloromethane	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	10/22/09	10/23/09 04:56	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	10/22/09	10/23/09 04:56	1011
Diisopropyl ether	ND	ug/L	10		1	10/22/09	10/23/09 04:56	1011
tert-Amyl methyl ether	ND	ug/L	10		1	10/22/09	10/23/09 04:56	1011
tert-Amyl alcohol	ND	ug/L	20		1	10/22/09	10/23/09 04:56	1011
Bromoform	ND	ug/L	5		1	10/22/09	10/23/09 04:56	1011
Tetrachloroethene	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
Chlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
Ethylbenzene	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
m,p-Xylenes	ND	ug/L	2		1	10/22/09	10/23/09 04:56	1011
Styrene	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
o-Xylene	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
Isopropylbenzene	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
1,3-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
1,4-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
1,2-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	10/22/09	10/23/09 04:56	1011
1,2,4-Trichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011
Naphthalene	ND	ug/L	1		1	10/22/09	10/23/09 04:56	1011

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

(1)

CLIENT: ENVIROTECH | OFFICE LOC.: BALTIMORE, MD.
PROJECT MGR: KIP KRAUS | PHONE NO.: (410) 525 0045
EMAIL: | FAX NO.: (410) 525 2644
PROJECT NAME: E.P. TRANSIT TRUCK | PROJECT NO.: 71099
SITE LOCATION: MILLERSVILLE, MD. | P.O. NO.: 0540
SAMPLERS: TONY PALLOZZI

PSS Work Order #: 9102106 | PAGE 1 OF 2

Matrix Codes: **SW**=Surface Wtr **DW**=Drinking Wrt **GW**=Ground Wtr **WW**=Waste Wtr **O**=Oil **S**=Soil **WL**=Waste Liquid **WS**=Waste Solid **W**= Wipe

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE (C = COMP, G = GRAB)	Preservatives Used	*	*										REMARKS
							Analysis/ Method Required (3)	VOC's + OXYGENATES 8260B	GRO 8015C	DRO 8015C									
1	MW-14	10-19-09	A.M.	GW	4	G		X	X										
2	MW-13	10-19-09	A.M.	GW	4	G		X	X										
3	MW-12	10-19-09	A.M.	GW	4	G		X	X										
4	MW-11	10-19-09	A.M.	GW	4	G		X	X										
5	MW-6	10-19-09	A.M.	GW	4	G		X	X										
6	MW-4	10-19-09	A.M.	GW	4	G		X	X										
7	MW-10	10-19-09	P.M.	GW	4	G		X	X										
8	MW-9	10-19-09	P.M.	GW	4	G		X	X										
9	MW-8	10-19-09	P.M.	GW	4	G		X	X										
10	MW-1A	10-19-09	P.M.	GW	4	G		X	X										

(5)

Relinquished By: (1)	Date	Time	Received By:
Tony Pallozzi	10-21-09	A.M.	D. Broome
Relinquished By: (2)	Date	Time	Received By:
D. Broome	10/21/09	1245	
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

Requested Turnaround Time
☐ 5-Day ☐ 3-Day ☐ 2-Day
☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required:

# of Coolers: 2
Custody Seal: ABS
Ice Present: ABS Temp: 10°C
Shipping Carrier: DIAL

Special Instructions:
* VOA'S CONTAIN HCL
LITERS ARE UNPRESERVED

NORMAL T.A.T.

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SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

(1) CLIENT: ENVIROTECH | OFFICE LOC.: BALTIMORE, MD
PROJECT MGR: K.P. KRAUS | PHONE NO.: (410) 525 0045
EMAIL: | FAX NO.: (410) 525 8644
PROJECT NAME: E-P TRANSIT TRUCK | PROJECT NO.: 71099
SITE LOCATION: MILLERSVILLE, MD | P.O. NO.: 0540
SAMPLERS: TONY PALLOZZI

PSS Work Order #: 9102106 | PAGE 2 OF 2

Matrix Codes: **SW**=Surface Wtr **DW**=Drinking Wrt **GW**=Ground Wtr **WW**=Waste Wtr **O**=Oil **S**=Soil **WL**=Waste Liquid **WS**=Waste Solid **W**= Wipe

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	Preservatives Used	*	*											REMARKS
							(3) Analysis/ Method Required	VOC'S + OXYGENATES	8260 B	GRO	DRO	FUSC								
11	MW-5	10-20-09	A.M.	GW	4	G		X	X											
12	MW-3	10-20-09	A.M.	GW	4	G		X	X											
13	MW-2	10-20-09	A.M.	GW	4	G		X	X											
14	MW-1	10-20-09	A.M.	GW	4	G		X	X											

(5)

Relinquished By: (1)	Date	Time	Received By:
Tony Pallozzi	10-21-09	A.M.	D. Broome
Relinquished By: (2)	Date	Time	Received By:
D. Broome	10/21	1245	
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

Requested Turnaround Time
☐ 5-Day ☐ 3-Day ☐ 2-Day
☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required:

# of Coolers: 2
Custody Seal: ABS
Ice Present: ABS Temp: 10°C
Shipping Carrier: DIAL

Special Instructions:
* VOA'S CONTAIN HCL
LITERS ARE UNPRESERVED

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Phase Separation Science, Inc

Sample Receipt Checklist

Wo Number	9102106	**Received By**	Rachel Davis
Client Name	Envirotech Consultants LLC	**Date Received**	10/21/2009 12:45:00 PM
Project Name	E.P. Transit Truck	**Delivered By**	Dial Courier
Project Number	71099	**Tracking No**	Not Applicable
Disposal Date:	11/25/2009	**Logged In By**	Rachel Davis

Shipping Container(s)

No. of Coolers	2	Ice	Absent
Custody Seals	Absent	Temp (deg C)	10
Seal Condition	Absent	Temp Blank Present	No

Documentation

COC agrees with sample labels? X Yes or ____ No Sampler Name: Tony Pallozzi

Chain of Custody (COC) X Yes or ____ No MD DW Cert. No : N/A

Sample Container

Appropiate for Specified Analysis?	Yes X No___	Custody Seal(s)	Absent
Intact?	X ____	Custody Seal(s) Intact?	Not Applicable
Labeled and Labels Legible	X ____	Seal(s) Signed / Dated	Not Applicable
Total No. of Samples Received	14	Total No of Containers Received	56

Preservation

		Yes	No	N/A
Metals	(pH<2)	____	____	X
Cyanides	(pH>12)	____	____	X
Sulfide	(pH>9)	____	____	X
TOC, COD, Phenols	(pH<2)	____	____	X
TOX, TKN, NH3, Total Phos	(pH<2)	____	____	X
VOC, BTEX (VOA Vials Rcvd Preserved)	(pH<2)	X	____	____
Do VOA vials have zero headspace?		X	____	____

Comments: (Any "No" response must be detailed in the comments section below.)

For any improper preservation conditions, list sample ID, preservative added (reagent ID number) below as well as documentation of any client notification as well as client instructions. Samples for pH, chlorine and dissolved oxygen should be analyzed as soon as possible, preferably in the field at the time of sampling

Samples Inspected/Checklist Completed By: _____ Date: 10/21/9

PM Review and Approval: _____ Date: 10/21/9

Printed: 10/21/2009 01:38 PM

Analytical Report for

Envirotech Consultants LLC

Certificate of Analysis No.: 9102204

Project Manager: Kip Kraus

Project Name : E.P. Transit Truck

Project Location: Millersville, MD

Project ID : 71099

October 29, 2009

Phase Separation Science, Inc.

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PHASE SEPARATION SCIENCE, INC.

October 29, 2009

Kip Kraus
Envirotech Consultants LLC
2931 Whittington Avenue
Baltimore, MD 21230

Reference: PSS Work Order No: **9102204**
Project Name : E.P. Transit Truck
Project Location: Millersville, MD
Project ID.: 71099

Dear Kip Kraus :

The attached Analytical and QC Summary lists the analytical results from the analyses performed on the samples received under the project name referenced above and identified with the Phase Separation Science (PSS) Work Order numbered **9102204**.

All work reported herein has been performed in accordance with referenced methodologies, PSS Standard Operating Procedures and the PSS Quality Assurance Manual. PSS is limited in liability to the actual cost of the sample analysis done.

PSS reserves the right to return any unused samples, extracts or related solutions. Otherwise, the samples are scheduled for disposal, without any further notice, on November 26, 2009. This includes any samples that were received with a request to be held but lacked a specific hold period. It is your responsibility to provide a written request defining a specific disposal date if additional storage is required. Upon receipt , the request will be acknowledged by PSS, thus extending the storage period.

This report shall not be reproduced except in full, without the written approval of an authorized PSS representative. A copy of this report will be retained by PSS for at least 10 years, after which time it will be disposed without further notice, unless prior arrangements have been made.

We thank you for selecting Phase Separation Science, Inc. to serve your analytical needs. If you have any questions concerning this report, do not hesitate to contact us at 410-747-8770 or info@phaseonline.com.

Dan Prucnal
Laboratory Manager

Case Narrative Summary

Client Name: Envirotech Consultants LLC

Project Name: E.P. Transit Truck

Project ID: 71099

Work Order Number: 9102204

The following samples were received under chain of custody by Phase Separation Science (PSS) on 10/22/2009 at 12:15 pm

Lab Sample Id	Sample Id	Matrix	Date/Time Collected
9102204-001	INF	GROUND WATER	10/21/2009 00:00
9102204-002	MID 1	GROUND WATER	10/21/2009 00:00
9102204-003	EFF	GROUND WATER	10/21/2009 00:00
9102204-004	Potable	GROUND WATER	10/21/2009 00:00

Please reference the Chain of Custody and Sample Receipt Checklist for specific container counts and preservatives. Any sample conditions not in compliance with sample acceptance criteria are described in the Sample Receipt Checklist.

Any holding time exceedances, deviations from the method specifications, regulatory requirements or variations to the procedures outlined in the PSS Quality Assurance Manual are outlined below.

Notes:

1. The presence of common laboratory contaminants such as acetone, methylene chloride and phthalates, may be considered a possible laboratory artifact. Where observed, appropriate consideration of data should be taken.
2. The following analytical results are never reported on a dry weight basis: pH, flashpoint, moisture and paint filter test.
3. Drinking water samples collected for the purpose of compliance with SDWA may not be suitable for their intended use unless collected by a certified sampler [COMAR 26.08.05.07.C.2].

Standard Flags/Abbreviations:

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
C Results Pending Final Confirmation.
D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
J The target analyte was positively identified below the reporting limit but greater than one-half of the reporting limit.
ND Not Detected at or above the reporting limit.
RL Reporting Limit.
U Not detected.

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102204

Envirotech Consultants LLC, Baltimore, MD

October 29, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: INF **Date/Time Sampled: 10/21/2009 00:00** **PSS Sample ID: 9102204-001**
Matrix: GROUND WATER **Date/Time Received: 10/22/2009 12:15**

Purgable Aromatics — Analytical Method: SW846 8260B — Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
tert-Butanol	ND	ug/L	20		1	10/23/09	10/23/09 11:56	1011
Methyl-t-Butyl Ether	**6**	ug/L	1		1	10/23/09	10/23/09 11:56	1011
Benzene	**2**	ug/L	1		1	10/23/09	10/23/09 11:56	1011
Toluene	ND	ug/L	1		1	10/23/09	10/23/09 11:56	1011
Ethylbenzene	ND	ug/L	1		1	10/23/09	10/23/09 11:56	1011
m&p-Xylene	ND	ug/L	2		1	10/23/09	10/23/09 11:56	1011
o-Xylene	**1**	ug/L	1		1	10/23/09	10/23/09 11:56	1011

Sample ID: MID 1 **Date/Time Sampled: 10/21/2009 00:00** **PSS Sample ID: 9102204-002**
Matrix: GROUND WATER **Date/Time Received: 10/22/2009 12:15**

Purgable Aromatics — Analytical Method: SW846 8260B — Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
tert-Butanol	ND	ug/L	20		1	10/22/09	10/23/09 06:20	1011
Methyl-t-Butyl Ether	ND	ug/L	1		1	10/22/09	10/23/09 06:20	1011
Benzene	ND	ug/L	1		1	10/22/09	10/23/09 06:20	1011
Toluene	ND	ug/L	1		1	10/22/09	10/23/09 06:20	1011
Ethylbenzene	ND	ug/L	1		1	10/22/09	10/23/09 06:20	1011
m&p-Xylene	ND	ug/L	2		1	10/22/09	10/23/09 06:20	1011
o-Xylene	ND	ug/L	1		1	10/22/09	10/23/09 06:20	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102204

Envirotech Consultants LLC, Baltimore, MD

October 29, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: EFF **Date/Time Sampled: 10/21/2009 00:00** **PSS Sample ID: 9102204-003**
Matrix: GROUND WATER **Date/Time Received: 10/22/2009 12:15**

Purgable Aromatics — Analytical Method: SW846 8260B — Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
tert-Butanol	ND	ug/L	20		1	10/22/09	10/23/09 06:48	1011
Methyl-t-Butyl Ether	ND	ug/L	1		1	10/22/09	10/23/09 06:48	1011
Benzene	ND	ug/L	1		1	10/22/09	10/23/09 06:48	1011
Toluene	ND	ug/L	1		1	10/22/09	10/23/09 06:48	1011
Ethylbenzene	ND	ug/L	1		1	10/22/09	10/23/09 06:48	1011
m&p-Xylene	ND	ug/L	2		1	10/22/09	10/23/09 06:48	1011
o-Xylene	ND	ug/L	1		1	10/22/09	10/23/09 06:48	1011

OFFICES:
6630 BALTIMORE NATIONAL PIKE
ROUTE 40 WEST
BALTIMORE, MD 21228
410-747-8770
800-932-9047
FAX 410-788-8723

PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102204

Envirotech Consultants LLC, Baltimore, MD

October 29, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: Potable **Date/Time Sampled: 10/21/2009 00:00** **PSS Sample ID: 9102204-004**
Matrix: GROUND WATER **Date/Time Received: 10/22/2009 12:15**

Total Petroleum Hydrocarbons - DRO — Analytical Method: SW846 8015C — Preparation Method: SW846 3510C

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-DRO (Diesel Range Organics)	ND	mg/L	0.5		1	10/27/09	10/27/09 11:04	1040

Total Petroleum Hydrocarbons-GRO — Analytical Method: SW846 8015C — Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
TPH-GRO (Gasoline Range Organics)	ND	ug/L	100		1	10/22/09	10/22/09 13:52	1035

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Sample ID: Potable **Date/Time Sampled: 10/21/2009 00:00** **PSS Sample ID: 9102204-004**
Matrix: GROUND WATER **Date/Time Received: 10/22/2009 12:15**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
Dichlorodifluoromethane	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
Chloromethane	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
Vinyl Chloride	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
tert-Butyl alcohol	ND	ug/L	20		1	10/22/09	10/23/09 07:16	1011
Bromomethane	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
Chloroethane	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
Acetone	ND	ug/L	10		1	10/22/09	10/23/09 07:16	1011
Cyclohexane	ND	ug/L	10		1	10/22/09	10/23/09 07:16	1011
Trichlorofluoromethane	ND	ug/L	5		1	10/22/09	10/23/09 07:16	1011
1,1-Dichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
Methylene Chloride	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
trans-1,2-Dichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
Methyl-t-butyl ether	**7**	ug/L	1		1	10/22/09	10/23/09 07:16	1011
1,1-Dichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
2-Butanone (MEK)	ND	ug/L	10		1	10/22/09	10/23/09 07:16	1011
cis-1,2-Dichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
Chloroform	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
1,1,1-Trichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
1,2-Dichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
Carbon Tetrachloride	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
Benzene	**5**	ug/L	1		1	10/22/09	10/23/09 07:16	1011
Dibromomethane	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
1,2-Dichloropropane	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
Trichloroethene	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
Carbon Disulfide	ND	ug/L	10		1	10/22/09	10/23/09 07:16	1011
Bromodichloromethane	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
cis-1,3-Dichloropropene	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
4-Methyl-2-Pentanone	ND	ug/L	5		1	10/22/09	10/23/09 07:16	1011
trans-1,3-Dichloropropene	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011

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PHASE SEPARATION SCIENCE, INC.

CERTIFICATE OF ANALYSIS

No: 9102204

Envirotech Consultants LLC, Baltimore, MD

October 29, 2009

Project Name: E.P. Transit Truck
Project Location: Millersville, MD
Project ID: 71099

Sample ID: Potable **Date/Time Sampled: 10/21/2009 00:00** **PSS Sample ID: 9102204-004**
Matrix: GROUND WATER **Date/Time Received: 10/22/2009 12:15**

TCL Volatiles plus Oxygenates | Analytical Method: SW846 8260B | Preparation Method: SW846 5030B

	Result	Units	Rep Limit	Flag	Dil	Prepared	Analyzed	Analyst
1,1,2-Trichloroethane	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
Toluene	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
2-Hexanone	ND	ug/L	10		1	10/22/09	10/23/09 07:16	1011
1,2-Dibromoethane (EDB)	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
Dibromochloromethane	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
tert-Amyl ethyl ether	ND	ug/L	10		1	10/22/09	10/23/09 07:16	1011
tert-Butyl ethyl ether	ND	ug/L	10		1	10/22/09	10/23/09 07:16	1011
Diisopropyl ether	ND	ug/L	10		1	10/22/09	10/23/09 07:16	1011
tert-Amyl methyl ether	ND	ug/L	10		1	10/22/09	10/23/09 07:16	1011
tert-Amyl alcohol	ND	ug/L	20		1	10/22/09	10/23/09 07:16	1011
Bromoform	ND	ug/L	5		1	10/22/09	10/23/09 07:16	1011
Tetrachloroethene	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
Chlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
Ethylbenzene	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
m,p-Xylenes	ND	ug/L	2		1	10/22/09	10/23/09 07:16	1011
Styrene	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
o-Xylene	**1**	ug/L	1		1	10/22/09	10/23/09 07:16	1011
Isopropylbenzene	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
1,3-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
1,4-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
1,2-Dichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
1,2-Dibromo-3-Chloropropane	ND	ug/L	10		1	10/22/09	10/23/09 07:16	1011
1,2,4-Trichlorobenzene	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011
Naphthalene	ND	ug/L	1		1	10/22/09	10/23/09 07:16	1011

SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

(1)

CLIENT: ENVIROTECH | OFFICE LOC.: BALTIMORE, MD.
PROJECT MGR: K.P KRAUS | PHONE NO.: (410) 525 0045
EMAIL: | FAX NO.: (410) 525 8644
PROJECT NAME: E-P TRANSIT TRUCK | PROJECT NO.: 71099
SITE LOCATION: MILLERSVILLE, MD | P.O. NO.: 0541
SAMPLERS: TONY PALLOZZI

PSS Work Order #: 9102204 | PAGE 1 OF 1

Matrix Codes:
SW=Surface Wtr **DW**=Drinking Wrt **GW**=Ground Wtr **WW**=Waste Wtr **O**=Oil **S**=Soil **WL**=Waste Liquid **WS**=Waste Solid **W**= Wipe

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX (See Codes)	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	Preservatives Used	Analysis/ Method Required (3): BTEX MTBE TBA	Full Suite VOCs & Oxygenates 8260	GRO 8015	DRO	REMARKS
1	INF	10-21-09	A.M.	GW	3	G	*	X				
2	MID 1	10-21-09	A.M.	GW	3	G	*	X				
3	EFF	10-21-09	A.M.	GW	3	G	*	X				
4	POTABLE	10-21-09	A.M.	GW	4	G			X	X		

(5)

	Date	Time	
Relinquished By: (1) Tony Pallozzi	10-22-09	12:00 A.M.	Received By: Tom Hauver
Relinquished By: (2) Tom Hauver	10/22/09	12:15	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

Requested Turnaround Time
☐ 5-Day ☐ 3-Day ☐ 2-Day
☐ Next Day ☐ Emergency ☐ Other

Data Deliverables Required:

# of Coolers: 1
Custody Seal: ABS
Ice Present: ABS Temp: 9°C
Shipping Carrier: DIAL

Special Instructions:
* VOA'S CONTAIN HCL
LITER IS UNPRESERVED

NORMAL T.A.T.

6630 Baltimore National Pike • Route 40 West • Baltimore, Maryland 21228 • (410) 747-8770 • (800) 932-9047 • Fax (410) 788-8723

Phase Separation Science, Inc

Sample Receipt Checklist

Wo Number	9102204	**Received By**	Rachel Davis
Client Name	Envirotech Consultants LLC	**Date Received**	10/22/2009 12:15:00 PM
Project Name	E.P. Transit Truck	**Delivered By**	Dial Courier
Project Number	71099	**Tracking No**	Not Applicable
Disposal Date:	11/26/2009	**Logged In By**	Rachel Davis

Shipping Container(s)

No. of Coolers	1	Ice	Absent
Custody Seals	Absent	Temp (deg C)	9
Seal Condition	Absent	Temp Blank Present	No

Documentation

COC agrees with sample labels? X Yes or ____ No Sampler Name: Tony Pallozzi

Chain of Custody (COC) X Yes or ____ No MD DW Cert. No.: N/A

Sample Container

Appropiate for Specified Analysis?	Yes X No___	Custody Seal(s)	Absent
Intact?	X ____	Custody Seal(s) Intact?	Not Applicable
Labeled and Labels Legible	X ____	Seal(s) Signed / Dated	Not Applicable
Total No. of Samples Received	4	Total No of Containers Received	13

Preservation

		Yes	No	N/A
Metals	(pH<2)	____	____	X
Cyanides	(pH>12)	____	____	X
Sulfide	(pH>9)	____	____	X
TOC, COD, Phenols	(pH<2)	____	____	X
TOX, TKN, NH3, Total Phos	(pH<2)	____	____	X
VOC, BTEX (VOA Vials Rcvd Preserved)	(pH<2)	X	____	____
Do VOA vials have zero headspace?		X	____	____

Comments: (Any "No" response must be detailed in the comments section below.)

For any improper preservation conditions, list sample ID, preservative added (reagent ID number) below as well as documentation of any client notification as well as client instructions. Samples for pH, chlorine and dissolved oxygen should be analyzed as soon as possible, preferably in the field at the time of sampling.

Samples Inspected/Checklist Completed By: _____ Date: 10/22/9

PM Review and Approval: _____ Date: 10/27/9

Printed: 10/22/2009 12:53 PM

APPENDIX E

SOIL DISPOSAL DOCUMENTS

SOIL SAFE INCORPORATED
CERTIFICATE OF RECYCLE

Soil Safe Incorporated has accepted **10.78** tons of non-hazardous, petroleum contaminated soil, transported on **1** truck(s) from:

8400 Veterans Highway
Millersville, MD

Under approval number # W5-1632, and billed under invoice # 49893

This material was contracted by and between Soil Safe, Inc. and Eastern Petroleum Corporation, Broker, Contractor or Agent, representing The New Transit Truck Stop , the generator.

This material was analyzed prior to acceptance by a certified soils techician to determine soil components and specific product usage. Soil Safe Incorporated has taken full responsibility for this material; including safe handling, processing, storage and reuse. We hereby certify that all of the above was executed in accordance with all existing laws and regulations.

Soil Safe, Inc. certified on Wednesday, October 28, 2009 that this material has been recycled into an environmentally benign product.

State of Maryland

My Commission expires: December 1, 2010

As sworn to me this 28 day of October 2009

Notary

CERTIFICATE ISSUED TO:

Eastern Petroleum Corporation

1915 Lincoln Drive

Annapolis, MD 21401

GENERATOR:

The New Transit Truck Stop

Soil Safe Incorporated is a corporation committed to the safe handling, processing and recycling of non-hazardous petroleum contaminated soil.