SUBSURFACE INVESTIGATION REPORT

Former Matt/Grace PBS Terminal
Leland Avenue
Utica, New York

NYSDEC SPILL NO.: 88-09026

Prepared for:

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
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OP-TECH PROJECT NO. AD600464

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1.0 INTRODUCTION/BACKGROUND

OP-TECH ENVIRONMENTAL SERVICES, INC. (OP-TECH) has been retained by the New York State Department of Environmental Conservation (NYSDEC) to perform a subsurface soil and groundwater investigation at the Former Matt Petroleum Terminal located on Leland Avenue in Utica, New York; hereinafter described as the "subject property" or the "site". The investigation was performed to determine to what extent (if any) the documented on site petroleum contamination was migrating off the site into the adjacent Mohawk River located northeast of the subject property. A more complete accounting of the activities completed during this subsurface investigation is included below for consideration.

2.0 SITE DESCRIPTION

2.1 Site Location and Characteristics

The subject property consists of a predominantly vacant parcel of land historically used as a petroleum bulk storage (PBS) terminal. The only structure that remains on the site is a brick masonry maintenance building currently being used by the City of Utica to store equipment. The property is located along the west side of Leland Avenue, in the City of Utica, Oneida County, New York. The focus of this subsurface investigation is to determine the extent of the petroleum impacts (if any) that the subject property has had on the surrounding environment. The subject property is located in an area of heavy industrial development. Leland Avenue, the City of Utica Fire Training Facility (former PBS facility), and Universal Waste (salvage yard) exist to the east of the site. The City of Utica Bus garage, the East Olive Oil Company and railroad lines exist to the south of the site. A former PBS facility exists to the west of the site. The Mohawk River borders the site to the northeast. The site and surrounding area are depicted on the Site Location Map enclosed as **Exhibit A.**

2.2 Topography and General Geology

The subject property is positioned on the north side of the City of Utica in an area with an average elevation of approximately 124 feet above mean sea level (AMSL). The land in the general vicinity of the subject property is located in the Mohawk River Valley. The Mohawk River Valley has a slight gradient to the east. A topographic map has been included in **Exhibit A.**

Analysis of soil cores obtained from soil borings SB-1 through SB-14 indicates that the overburden material of the site generally consists of brown medium to fine grained sand with varying amounts of silt from the ground surface to approximately 8.0 feet below grade (fbg). Within the upper horizon of this sand layer, fragments of brick and coal, which are indicative of industrial fill, were also observed. Below the overburden material a fining downward sequence of silt and clay was observed from approximately 8.0 fbg to 20.0 fbg. The saturated groundwater interface was observed at depths ranging from 10.0 fbg to 12.0 fbg throughout the soil borings advanced during this investigation.

The installation of deeper bedrock monitoring wells or the intrusive analysis of bedrock conditions were not performed during this subsurface investigation. The exact lithology of and depth to bedrock is beyond the scope of this investigation. Furthermore, the physical characteristics and hydrologic properties of the bedrock and deep aquifer(s) are beyond the scope of this project.

3.0 SUBSURFACE INVESTIGATION METHODOLOGIES

3.1 Soil Sampling Methodology

The investigation was conducted using a heavy duty track-mounted Geoprobe® direct-push probing unit for collection of continuous soil core samples in four (4) feet sampling intervals. Soil borings were advanced using hydraulic percussion hammer action and static weight of the Geoprobe® unit. Soil samples were recovered utilizing 2.125-inch outside diameter (O.D.) by 48-inch long Geoprobe® Macro-Core® soil sampling barrels, equipped with 1.5 inch diameter disposable PVC sample liners. The recovered soil samples were characterized by the on-site OP-TECH geologist for predominant soil types (i.e., gravel, sand, silt, clay), grain size, color, and relative moisture content (i.e., moist, wet, saturated). Soils were examined for petroleum odors and staining; and screened for the presence of volatile organic compounds (VOC), using an Ion Science Phocheck+ photoionization detector (PID) equipped with a 10.6 eV lamp.

Total VOC soil gas concentrations (i.e. PID readings) were obtained via direct-read and headspace screening methods. Headspace screening involved placing soil samples in sealable plastic bags and allowing the samples to warm prior to screening with the PID. The PID screening was performed on the vapor mixture trapped above the soil for each containerized sample to provide a general quantitative field analysis as to the total VOC concentration released from the soil. The results of the soil classifications and physical characteristic observations, as well as PID screening data are recorded on the Geoprobe® Investigation Logs for the respective borings.

At locations in which identifiable characteristics (staining, odors, or elevated PID headspace screening results) indicating potential petroleum impact were observed, soil borings and screening processes were typically continued to depths at which such conditions reasonably diminished or soil gas (VOC) was reduced to non-detectable levels. At locations with no obvious staining, petroleum odor, or elevated PID soil screening readings, the soil borings were advanced to several feet into the groundwater table. One soil sample was collected from each boring from worst-case petroleum-impact areas (highest PID VOC field screening value), if encountered. Soil samples were collected and preserved for laboratory VOC and semi-VOC (SVOC) analyses via EPA Methods 8260 STARS and EPA Method 8270 STARS, respectively. The laboratory samples and corresponding sample custody documentation were submitted to Upstate Laboratories, Inc. in Syracuse, New York for laboratory analysis.

Laboratory soil analyses were performed to document the site's soil contaminant concentrations for comparison with the recommended soil cleanup objectives (RSCOs) for petroleum contaminated soil listed in the NYSDEC *Technical and Administrative Guidance Memorandum #4046 (TAGM 4046)*. NYSDEC TAGM 4046 lists Recommended Soil Cleanup Objectives (RSCO) for petroleum volatile organic compounds (VOC), semi-volatile organic compounds (SVOC); and is used as standards for differentiating "clean" from impacted soil. As such, this report utilizes the TAGM 4046 RSCOs for NYSDEC guidance levels for comparison of actual site soil sample concentrations.

3.2 Temporary Monitoring Well Installation Methodology

Temporary monitoring wells were installed in selected boreholes (i.e., SB-1, SB-2, SB-5, SB-10, SB-11, and SB-12). Well construction materials consist of 1-inch I.D. flush-joint 0.010-inch slotted PVC well screen and solid riser pipe. The monitoring wells were installed utilizing 2.125-inch O.D. steel casing equipped with expendable points, advanced into the MacroCore borehole to specified termination depths. The well screen and riser pipe was inserted into the casing then the expendable point was dislodged and the casing retracted. Following removal of the casing, the open annular space between the well screen and the soil formation was filled with clean No. 2 silica sand. The sand pack was installed to a minimum of twelve (12) inches above the well screen and a seal consisting of hydrated granular bentonite was installed to the ground surface. The wells were installed with the screened intervals set to intercept the groundwater table. The wells were finished with locking j-plugs and left cut above the ground surface.

3.3 Monitoring Well Development, Purging, and Groundwater Sampling Methodologies

The wells were developed using a designated polyethylene bailers. The well development is intended to remove fine soil materials from inside the well and the well's surrounding filter pack that are typically present after well installation. The process allows greater recharge to the well and allows a more representative analysis of overburden aquifer conditions during groundwater gauging and sampling events. In addition, a more accurate representation of the mobile fraction of contaminants transported by the groundwater is attained when colloidal and fine-grained soil particles are eliminated during the groundwater sampling process. In general, wells are purged until turbidity levels decrease, and well recharge rates increase, indicative of a properly developed well.

Groundwater sampling activities include gauging the wells to determine static water levels and purging a minimum of three (3) volumes of water from each well using a dedicated polyethylene bailer. Prior to the groundwater sampling activities observations were recorded regarding weather, non-aqueous components of water (i.e., "floaters" and surface sheens), and other pertinent field conditions. Sampling occurs after allowing sufficient time for the wells to recharge to within 90% of their initial static water level. Samples are collected using the polyethylene bailers. Once filled, the sample containers are labeled and placed in an iced sample cooler for transport to the laboratory with the associated sample custody documentation.

3.4 Sediment Sampling Methodologies

Sediment core samples (i.e., WB-1 through WB-19) were collected along the river bank using manual auger techniques. The sediment cores were collected in 0.5 foot sampling intervals to an approximate depth of 3.0 fbg. The recovered sediment samples were characterized by the on-site OP-TECH geologist for predominant soil types (i.e., gravel, sand, silt, clay), grain size, color, and relative moisture content (i.e., moist, wet, saturated). Soils were examined for petroleum odors and staining; and screened for the presence of volatile organic compounds (VOC), using an Ion Science Phocheck+ photoionization detector (PID) equipped with a 10.6 eV lamp. One composite soil sample was collected from each sediment core location and preserved for laboratory VOC and semi-VOC (SVOC) analyses via EPA Methods 8260 STARS and EPA Method 8270 STARS, respectively. The laboratory samples and corresponding sample custody documentation were submitted to Upstate Laboratories, Inc. in Syracuse, New York for laboratory analysis.

Laboratory soil analyses were performed to document the site's soil contaminant concentrations for comparison with the sediment criteria levels of protection listed in the NYSDEC *Technical Guidance for Screening Contaminated Sediments*.

3.5 Surface Water Sampling Methodologies

Surface water samples were collected from each sediment core sample location (i.e., WB-1 through WB-19) along the south bank of the Mohawk River. The water samples were collected using a peristaltic pump and dedicated polyethylene tubing. The samples were preserved and sent to Upstate Laboratories for chemical analysis inherent to Methods 8260 STARS and 8270 STARS.

4.0 SUBSURFACE INVESTIGATION

4.1 Soil Boring Locations and Field Screening Results

The subsurface investigation borings were positioned in a linear pattern along the Mohawk River bank to determine if petroleum contamination is migrating off of the subject site. Additional borings were installed in the Mohawk River right-of-way approximately 300 feet up and down gradient of the subject site. Borings were advanced in areas where machine tolerance, buried utilities, right-of-ways, structures, and surface conditions would allow.

On June 2, 2009, OP-TECH mobilized the Geoprobe® sampling unit and personnel to the subject property to conduct the subsurface investigation. OP-TECH advanced fourteen (14) soil borings, designated as borings SB-1, SB-2, SB-3, SB-4, SB-5, SB-6, SB-7, SB-8, SB-9, SB-10, SB-11, SB-12, SB-13, and SB-14. The borings were advanced to depths of 16.0 to 24.0 fbg.

Visual and olfactory evidence of petroleum contamination was observed in soil borings SB-1, SB-2, SB-3, SB-4, SB-5, SB-6, SB-11, SB-12, and SB-14 at depths ranging from 4.0 fbg to 14.0 fbg. PID readings at soil boring SB-1 ranged from background levels to as high as 143 parts per million (ppm) at a depth of 4.0 to 8.0 fbg. Field screening indicated detectable petroleum impact, spanning field readings from 4.0 fbg to 8.0 fbg in SB-1. PID readings at soil boring SB-2 ranged from background levels to as high as 851 ppm at a depth of 6.0 fbg. Field screening indicated detectable petroleum impact, spanning field readings from the 2.0 fbg to 16.0 fbg in SB-2. PID readings at soil boring SB-3 ranged background levels to as high as 640 ppm at a depth of 6.0 fbg. Field screening indicated detectable petroleum impact, spanning field readings from 4.0 fbg to 16.0 fbg in SB-3. PID readings at soil boring SB-4 ranged from background levels to as high as 1,140 ppm at a depth of 8.0 fbg. Field screening indicated detectable petroleum impact, spanning field readings from 4.0 fbg to 16.0 fbg in SB-4. PID readings at soil boring SB-5 ranged from background levels to as high as 220 ppm at a depth of 6.0 fbg. Field screening indicated detectable petroleum impact, spanning field readings from 4.0 fbg to 16.0 fbg in SB-5. PID readings at soil boring SB-6 ranged from background levels to as high as 182 ppm at a depth of 8.0 fbg. Field screening indicated detectable petroleum impact, spanning field readings from 6.0 fbg to 16.0 fbg in SB-6. PID readings at soil boring SB-11 ranged from background levels to as high as 4,480 ppm at a depth of 10.0 fbg. Field screening indicated detectable petroleum impact, spanning field readings from 8.0 fbg to 16.0 fbg in SB-11. PID readings at soil boring SB-12 ranged from background levels to as high as 103 ppm at a depth of 6.0 fbg. Field screening indicated detectable petroleum impact, spanning field readings from 2.0 fbg to 6.0 fbg in SB-12. PID readings at soil boring SB-14 ranged from background levels to as high as 3,340 ppm at a depth of 12.0 fbg. Field screening indicated detectable petroleum impact, spanning field readings from 10.0 fbg to 16.0 fbg in SB-14. **Table 1** depicts the VOC concentrations observed during the PID field screening process of the soil boring program.

Table 1: Field Screened VOC Concentrations (ppm) Data Summary Table

	Soil Boring ID													
Depth (fbg)	SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7	SB-8	SB-9	SB-10	SB-11	SB-12	SB-13	SB-14
0-2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND
2.0-4.0	143	700	ND	ND	ND	ND	ND	ND	ND	ND	ND	22	ND	ND
4.0-6.0	2	851	640	20	220	45	ND	ND	ND	ND	ND	103	ND	ND
6.0-8.0	143	221	324	87	163	182	ND	ND	ND	ND	ND	ND	ND	ND
8.0-10.0	1.3	35	82	1,140	51	144	ND	ND	ND	ND	330	ND	ND	ND
10.0-12.0	ND	48	12	4.5	48	80	ND	ND	ND	ND	4,480	ND	ND	3,340
12.0-14.0	ND	319	70	27	27	102	ND	ND	ND	ND	3,600	ND	ND	2,910
14.0-16.0	ND	20	190	452	51	3.8	ND	ND	ND	ND	114	ND	ND	85
16.0-18.0	---	---	7	16	ND	---	ND	ND	ND	ND	ND	---	---	10
18.0-20.0	---	---	ND	ND	ND	---	ND	ND	ND	ND	ND	---	---	ND
20.0-22.0	---	---	---	---	---	---	ND	---	---	---	---	---	---	---
22.0-24.0	---	---	---	---	---	---	ND	---	---	---	---	---	---	---

ND = None Detected VOC concentrations are reported in parts per million (ppm)

--- = No Sample Collected

Note: The depths reported in Table 1 are approximate. Please refer to the Geoprobe Investigation Logs in **Exhibit D** for a more detailed accounting of the subsurface conditions observed during the field activities.

On June 5 and June 16, 2009, OP-TECH conducted near shore sediment and surface water sampling. OP-TECH advanced nineteen (19) soil borings, designated as borings WB-1, WB-2, WB-3, WB-4, WB-5, WB-6, WB-7, WB-8, WB-9, WB-10, WB-11, WB-12, WB-13, WB-14, WB-15, WB-16, WB-17, WB-18, and WB-19 The nineteen soil borings were advanced in a linear pattern along the south bank of the Mohawk River to an approximate depth of 3.0 fbg.

Visual and olfactory evidence of petroleum contamination was observed in soil borings WB-2, WB-4, WB-5, WB-6, WB-11, WB-14, WB-18, and WB-19 at depths of 1.5 fbg to 3.0 fbg. PID readings collected at soil boring WB-2, WB-4, WB-5, WB-6, WB-18, and WB-19 ranged from 15.5 ppm to 741 ppm. **Table 2** summarizes the VOC concentrations observed during the PID field screening process of the near shore sediment samples.

Table 2: Field Screened VOC Concentrations (ppm) Data Summary Table

	Sediment Sample ID																		
Depth (fbg)	WB-1	WB-2	WB-3	WB-4	WB-5	WB-6	WB-7	WB-8	WB-9	WB-10	WB-11	WB-12	WB-13	WB-14	WB-15	WB-16	WB-17	WB-18	WB-19
0-0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0.5-1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1.0-1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1.5-2.0	ND	26.9	ND	113	22.3	15.5	ND	ND	ND	ND	741	ND	ND	215	ND	ND	ND	95	368
2.0-2.5																			
2.5-3.0																			

ND = None Detected VOC concentrations are reported in parts per million (ppm)

The positions of the soil borings are depicted on the Site Map with Monitoring Well and Boring Locations included as **Exhibit B**. Descriptions of the soil characteristics determined for each of the soil borings are presented on the Geoprobe® Investigation Logs contained in **Exhibit C**.

4.2 Groundwater Sampling

One-inch diameter PVC monitoring wells, identified as MW-1, MW-2, MW-5, MW-9, MW-10 and MW-11 were installed within selected boreholes during the Geoprobe® subsurface investigation to

further assess the groundwater quality at the subject site. Monitoring Well Construction Details for the six (6) monitoring wells installed during the Geoprobe® investigation are enclosed as **Exhibit D**.

Groundwater sampling of the newly installed temporary monitoring wells was performed on June 11, 2009 using development and sampling procedures described in section *3.3 Monitoring Well Development and Groundwater Sampling*. In addition, three (3) previously installed one-inch PVC monitoring wells designated as PMW-3, PMW-6 and PMW-7, for the purposes of this report, were also sampled during the June 11, 2009 sampling event. The laboratory groundwater samples and corresponding sample custody documentation were submitted to Upstate Laboratories, Inc. for laboratory analysis inherent to the EPA Methods 8260 and 8270 testing criteria. The locations of the monitoring wells are depicted on the **Exhibit B** Soil Boring and Monitoring Well Location Map.

5.0 LABORATORY ANALYTICAL RESULTS

5.1 Laboratory Soil Analysis

Soil Sample Laboratory Analysis

One soil sample was collected from the soil from the highest PID value at soil borings SB-1, SB-2, SB-3, SB-4, SB-5, SB-6, SB-11, SB-12 and SB-14. The soil samples were submitted to Upstate Laboratories, Inc. (Upstate) of Syracuse, N.Y. for analysis via EPA Method 8260 STARS for VOCs and EPA Method 8270 STARS for SVOCs. The soil samples were collected to substantiate the field conditions documented during the subsurface investigation. The samples were collected to document the site soil concentrations of petroleum constituents as compared to the allowable Recommended Soil Clean-up Objectives (RSCOs) listed in the NYSDEC Technical and Administrative Guidance Memorandum *TAGM 4046*.

The laboratory analysis for sample SB-2 (4-6 fbg) revealed a total VOC concentration of 244,800 ppb; with individual concentrations of m/p-xylene, isopropylbenzene, n-propylbenzene and 1,3,5-trimethylbenzene above their respective NYSDEC RSCO. The laboratory analysis for sample SB-2 (4-6 fbg) revealed no SVOC concentrations above the laboratory Method Detection Limit (MDL). The laboratory analysis for sample SB-3 (4-6 fbg) revealed a total VOC concentration of 63,800 ppb; with individual concentrations of ethylbenzene, m/p-xylene, o-xylene, isopropylbenzene, n-propylbenzene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, 4-isopropyltoluene, n-butylbenzene and naphthalene above their respective NYSDEC RSCO. Soil sample SB-3 (4-6 fbg) was also found to contain a total SVOC concentration of 1,280 ppb; however all SVOC concentrations were below their respective NYSDEC RSCO. The laboratory analysis for sample SB-5 (4-6 fbg) revealed a total VOC concentration of 22,300 ppb; with individual concentrations of m/p-xylene and isopropylbenzene, with m/p-xylene, isopropylbenzene, n-propylbenzene and 1,3,5-trimethylbenzene, above their respective NYSDEC RSCO. The laboratory analysis for sample SB-5 (4-6 fbg) revealed no SVOC concentrations above the laboratory MDL. The laboratory analysis for sample SB-6 (6-8 fbg) revealed a total VOC concentration of 19,900 ppb; with individual concentrations of m/p-xylene and isopropylbenzene above their respective NYSDEC RSCO. Soil sample SB-6 (6-8 fbg) was also found to contain a total SVOC concentration of 1,000 ppb; however all SVOC concentrations were below their respective NYSDEC RSCO. The laboratory analysis for sample SB-11 (10-12 fbg) revealed a total VOC concentration of 57,000 ppb; with individual concentrations of m/p-xylene, isopropylbenzene, n-propylbenzene and 1,3,5-trimethylbenzene above their respective NYSDEC RSCO. Soil sample SB-11 (10-12 fbg) was also found to contain a total SVOC concentration of 930 ppb; however all SVOC concentrations were below their respective NYSDEC RSCO. The laboratory analysis for sample SB-14 (10-12 fbg) revealed a total VOC concentration of

30,600 ppb; with individual concentrations of isopropylbenzene, n-propylbenzene and 1,3,5-trimethylbenzene above their respective NYSDEC RSCO. The laboratory analysis for sample SB-14 (10-12 fbg) revealed no SVOC concentrations above the laboratory MDL. The laboratory analysis for sample SB-4 (8-10 fbg) revealed total VOC and SVOC concentrations of 5,856 ppb and 70 ppb, respectively. However the individual VOC and SVOC concentrations detected in soil sample SB-4 (8-10 fbg) were all reported at concentrations below their respective NYSDEC RSCO. The laboratory analysis for sample SB-12 (4-6 fbg) revealed total VOC concentrations of 228 ppb; however the individual VOC concentrations detected in soil sample SB-12 (4-6 fbg) were all reported at concentrations below their respective NYSDEC RSCO. The laboratory analysis for sample SB-12 (4-6 fbg) revealed no SVOC concentrations above the laboratory MDL. The laboratory analysis of SB-1 (6-8 fbg) revealed no VOC or SVOC concentrations above the laboratory MDL.

The soil laboratory results are summarized in the Laboratory Analytical Results Data Tables enclosed as a portion of **Exhibit E**. Copies of the soil laboratory analytical results and sample chain of custody documentation are enclosed as a portion of **Exhibit F**.

Sediment Sample Laboratory Analysis

One composite soil sample was collected for laboratory analyses at each of the shoreline sediment borings (i.e., WB-1 through WB-19). The soil samples were submitted to Upstate Laboratories, Inc. (Upstate) of Syracuse, N.Y. for analysis via EPA Method 8260 STARS for VOCs and EPA Method 8270 STARS for SVOCs. The soil samples were collected to substantiate the field conditions documented during the subsurface investigation. Laboratory soil analyses were performed to document the site's soil contaminant concentrations for comparison with the sediment criteria levels of protection listed in the NYSDEC *Technical Guidance for Screening Contaminated Sediments*.

The laboratory analysis revealed select VOCs and/or SVOCs at sediment borings WB-1, WB-2 WB-3, WB-5, WB-6, WB-7, WB-8, WB-9, WB-11, WB-12, WB-13, WB-14, WB-16, and WB-18 below NYS DEC Sediment Cleanup Criteria guidance values. The laboratory analysis of soil samples collected at sediment borings WB-4, WB-10, WB-15, WB-17, and WB-19 revealed no VOC or SVOC concentrations above the laboratory MDL.

The sediment soil laboratory results are summarized in the Laboratory Analytical Results Data Tables enclosed as a portion of **Exhibit E**. Copies of the soil laboratory analytical results and sample chain of custody documentation are enclosed as a portion of **Exhibit F**.

5.2 Laboratory Groundwater Analysis

Groundwater Sample Laboratory Analysis

Groundwater samples were obtained from monitoring wells MW-1, MW-2, MW-9 MW-10, MW-11, PMW-3, PMW-6 and PMW-7 on June 11, 2009. Groundwater samples were collected for laboratory analyses from each of the monitoring wells accessible. The water samples were submitted to Upstate Laboratories, Inc. (Upstate) of Syracuse, N.Y. for analysis via EPA Method 8260 for VOCs and EPA Method 8270 for SVOCs. The water samples were collected to substantiate the field conditions documented during the subsurface investigation. The samples were collected to document the site soil concentrations of petroleum constituents as compared to the allowable Recommended Soil Clean-up Objectives (RSCOs) listed in the NYSDEC Technical and Operations Guidance Series *TOGS 1.1.1*.

The laboratory analysis for sample MW-1 revealed a total VOC concentration of 43 ppb with 2-butanone exceeding the individual VOC concentrations above their respective NYSDEC's TOGS 1.1.1 concentrations. The laboratory analysis for sample MW-1 revealed a total SVOC concentration of 4 ppb, however the individual SVOC concentrations were below their respective NYSDEC's TOGS 1.1.1 concentrations. The laboratory analysis for sample MW-2 revealed a total VOC concentration of 1,690 ppb; with individual concentrations of ethylbenzene and m/p-xylene above their respective NYSDEC's TOGS 1.1.1 concentrations. The laboratory analysis for sample MW-2 revealed a total SVOC concentration of 1,930 ppb, with individual concentrations of 2-methylnapthalene and naphthalene above their respective NYSDEC's TOGS 1.1.1 concentrations. The laboratory analysis for sample MW-9 revealed a total VOC concentration of 13 ppb, with an individual concentration of ethylbenzene above its respective NYSDEC's TOGS 1.1.1 concentration. The laboratory analysis for sample MW-9 revealed a total SVOC concentration of 5 ppb, with an individual concentration of bis(2-ethylhexyl)phthalate equal to its respective NYSDEC's TOGS 1.1.1 concentration. The laboratory analysis for sample MW-10 revealed a total VOC concentration of 1,600 ppb, with individual concentrations of ethylbenzene and m/p-xylene above their respective NYSDEC's TOGS 1.1.1 concentrations. The laboratory analysis for sample MW-10 revealed a total SVOC concentration of 740 ppb, with an individual concentration of phenanthrene above its respective NYSDEC's TOGS 1.1.1 concentration. The laboratory analysis for sample PMW-3 revealed a total VOC concentration of 43.2 ppb, with individual concentrations of benzene and ethylbenzene above their respective NYSDEC's TOGS 1.1.1 concentrations. The laboratory analysis for sample PMW-3 revealed a total SVOC concentration of 6 ppb, however the individual SVOC concentrations were below their respective NYSDEC's TOGS 1.1.1 concentrations. The laboratory analysis for sample PMW-6 revealed a total SVOC concentration of 18 ppb, with an individual concentration of bis(2-ethylhexyl phthalate above its respective NYSDEC's TOGS 1.1.1 concentration. The laboratory analysis for sample PMW-7 revealed a total SVOC concentration of 8.4 ppb, with an individual concentration of bis(2-ethylhexyl phthalate above its respective NYSDEC's TOGS 1.1.1 concentration. The laboratory analysis for samples MW-11, PMW-6, and PMW-7 revealed no VOC concentrations above the laboratory MDL.

The groundwater laboratory results are summarized in the Laboratory Analytical Results Data Tables enclosed as a portion of **Exhibit E**. Copies of the groundwater laboratory analytical results and sample chain of custody documentation are enclosed as a portion of **Exhibit F**.

Surface Water Sample Laboratory Analysis

Surface water samples were obtained from shoreline locations WB-1 through WB-19 during the period from June 5, 2009 through June 16, 2009. The water samples were submitted to Upstate Laboratories, Inc. (Upstate) of Syracuse, N.Y. for analysis via EPA Method 8260 STARS for VOCs and EPA Method 8270 B/N STARS for SVOCs.

The laboratory analysis for sample WB-2 revealed a total VOC concentration of 94 ppb, with individual concentrations of ethylbenzene, m/p-xylene, o-xylene, isopropylbenzene, n-propylbenzene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, and naphthalene above their respective NYSDEC's TOGS 1.1.1 concentrations. The laboratory analysis for sample WB-2 revealed a total SVOC concentration of 2 ppb, however the individual SVOC concentrations were below their respective NYSDEC's TOGS 1.1.1 concentrations. The laboratory analysis for sample WB-4 revealed a total VOC concentration of 40 ppb, with an individual concentration of n-propylbenzene above its respective NYSDEC's TOGS 1.1.1 concentration. The laboratory analysis for sample WB-4 revealed a total SVOC concentration of 1 ppb, however the individual SVOC concentration was below its respective NYSDEC's TOGS 1.1.1 concentration. The laboratory analysis for sample WB-5 revealed a total VOC concentration of 6 ppb, however the individual SVOC concentrations were below their respective NYSDEC's TOGS 1.1.1 concentrations. The laboratory analysis for sample WB-5 revealed no SVOC concentrations above

the laboratory MDL. The laboratory analysis for sample WB-6 revealed a total VOC concentration of 24.3 ppb, with individual concentrations of benzene, toluene, and m/p-xylene above their respective NYSDEC's TOGS 1.1.1 concentrations. The laboratory analysis for sample WB-6 revealed no SVOC concentrations above the laboratory MDL. The laboratory analysis for sample WB-8 revealed a total VOC concentration of 18 ppb, however the individual SVOC concentrations were below their respective NYSDEC's TOGS 1.1.1 concentrations. The laboratory analysis for sample WB-8 revealed a total SVOC concentration of 6 ppb, however the individual SVOC concentrations were below their respective NYSDEC's TOGS 1.1.1 concentrations. The laboratory analysis for sample WB-9 revealed a total VOC concentration of 5.7 ppb, with an individual concentration of toluene above its respective NYSDEC's TOGS 1.1.1 concentration. The laboratory analysis for sample WB-9 revealed no VOC or SVOC concentrations above the laboratory MDL. The laboratory analysis for sample WB-10 revealed no VOC concentrations above the laboratory MDL. The laboratory analysis for sample WB-10 revealed a total SVOC concentration of 8 ppb, with individual concentrations of benzo(a)anthracene and chrysene above their respective NYSDEC's TOGS 1.1.1 concentrations. The laboratory analysis for sample WB-11 revealed a total VOC concentration of 644 ppb, with individual concentrations of benzene, m/p-xylene, o-xylene, isopropylbenzene, n-propylbenzene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, sec-butylbenzene, and n-butylbenzene above their respective NYSDEC's TOGS 1.1.1 concentrations. The laboratory analysis for sample WB-11 revealed a total SVOC concentration of 200 ppb, with an individual concentration of phenanthrene above its respective NYSDEC's TOGS 1.1.1 concentration. The laboratory analysis for sample WB-15 revealed a total VOC concentration of 3 ppb; however, no individual VOC concentrations were above their respective NYSDEC's TOGS 1.1.1 concentrations. The laboratory analysis for sample WB-15 revealed no SVOC concentrations above the laboratory MDL. The laboratory analysis for sample WB-19 revealed a total VOC concentration of 8.1 ppb, with an individual concentration of isopropylbenzene above its respective NYSDEC's TOGS 1.1.1 concentration. The laboratory analysis for sample WB-19 revealed no SVOC concentrations above the laboratory MDL. The laboratory analysis for samples WB-1, WB-3, WB-7, WB-12, WB-13, WB-14, WB-16, WB-17, and WB-8 revealed no VOC or SVOC concentrations above the laboratory MDL.

The surface water laboratory results are summarized in the Laboratory Analytical Results Data Tables enclosed as a portion of **Exhibit E**. Copies of the surface water laboratory analytical results and sample chain of custody documentation are enclosed as a portion of **Exhibit F**.

6.0 INVESTIGATION SUMMARY

Based on the results of the completed subsurface investigation events and laboratory analyses conducted to date, OP-TECH presents the following summary of findings and conclusions of the investigation:

- On May 27 & 28, 2009, OP-TECH conducted a Subsurface Investigation along the south bank of the Mohawk River on the subject property as well as in the canal right-of-way located up and down gradient of the subject site. The purpose of this investigation was to determine to what extent (if any) the site's documented spill history associated with its use as apetroleum bulk storage (PBS) terminal has had on the surrounding environment. The investigation resulted in the advancement of fourteen (14) soil borings, the collection of nineteen (19) sediment samples and surface water samples, and the installation of five (5) 1-inch I.D. temporary monitoring wells in a linear pattern along the south bank of the Mohawk River on and adjacent to the subject site.

- The subsurface investigation completed to date has identified petroleum impacts along the site's northern property line as well as along the easterly adjacent property's northern boundary. In addition, an industrial fill layer exists throughout the site. The industrial fill layer is comprised predominantly of industrial fill material (i.e., soil with coal, slag and cinders) and exists from the ground surface to depths of approximately 4.0 fbg.

- The results of the groundwater sampling activities indicate the presence of elevated VOC concentrations, above the NYSDEC TOGS 1.1.1 Ambient Groundwater Standards, in the groundwater samples collected at monitoring wells MW-2, MW-9, MW-10, and PMW-3. In addition, elevated SVOC concentrations, above the NYSDEC TOGS 1.1.1 Ambient Groundwater Standards, were identified in the groundwater samples collected at monitoring wells MW-2, MW-10, MW-11, PMW-6 and PMW-7.

- The results of the surface water sampling activities indicate the presence of elevated VOC concentrations, above the NYSDEC TOGS 1.1.1 Ambient Groundwater Standards, in the surface water samples collected at sampling locations WB-2, WB-4, WB-6, WB-9, WB-11, and WB-19. In addition, elevated SVOC concentrations, above the NYSDEC TOGS 1.1.1 Ambient Groundwater Standards, were identified in the surface water samples collected at sampling locations WB-10 and WB-11.

- The completed subsurface investigation has identified petroleum impacted soil, groundwater, and surface water along the canal right-of-way of the subject property as well as on the canal right-of-way on the adjacent property east of the subject site. Select VOCs and SVOCs identified by the laboratory in samples collected at the subject site were at concentrations above acceptable guidance criteria. However, based on laboratory analysis of the sediment samples as well as other documented off site contaminant sources, it does not appear that the documented petroleum contamination on the subject site is significantly impacting the surrounding environment.

Please contact our office if you have any questions on the enclosed.

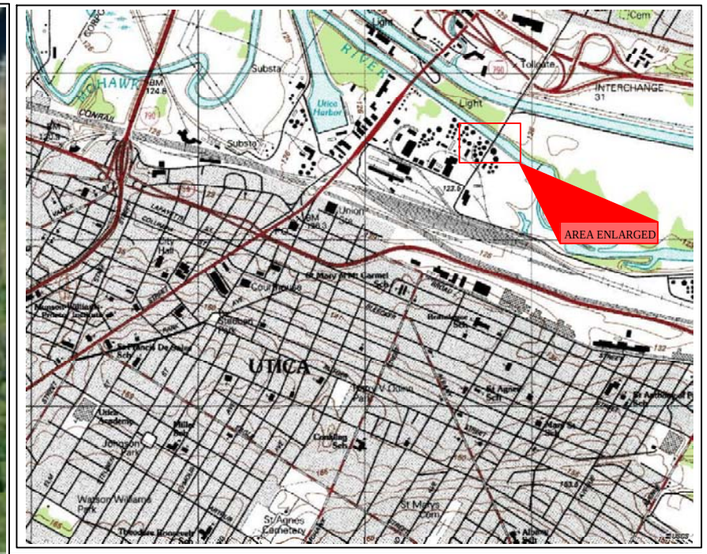
Respectfully Submitted,
OP-TECH ENVIRONMENTAL SERVICES, INC.

Joseph A. Naselli
Project Geologist

Enclosures

EXHIBIT A

SITE LOCATION MAP



OP-TECH Environmental Services, Inc.
150 Rotterdam Industrial Park Schenectady, NY 12306 (Tel 518-355-0197)

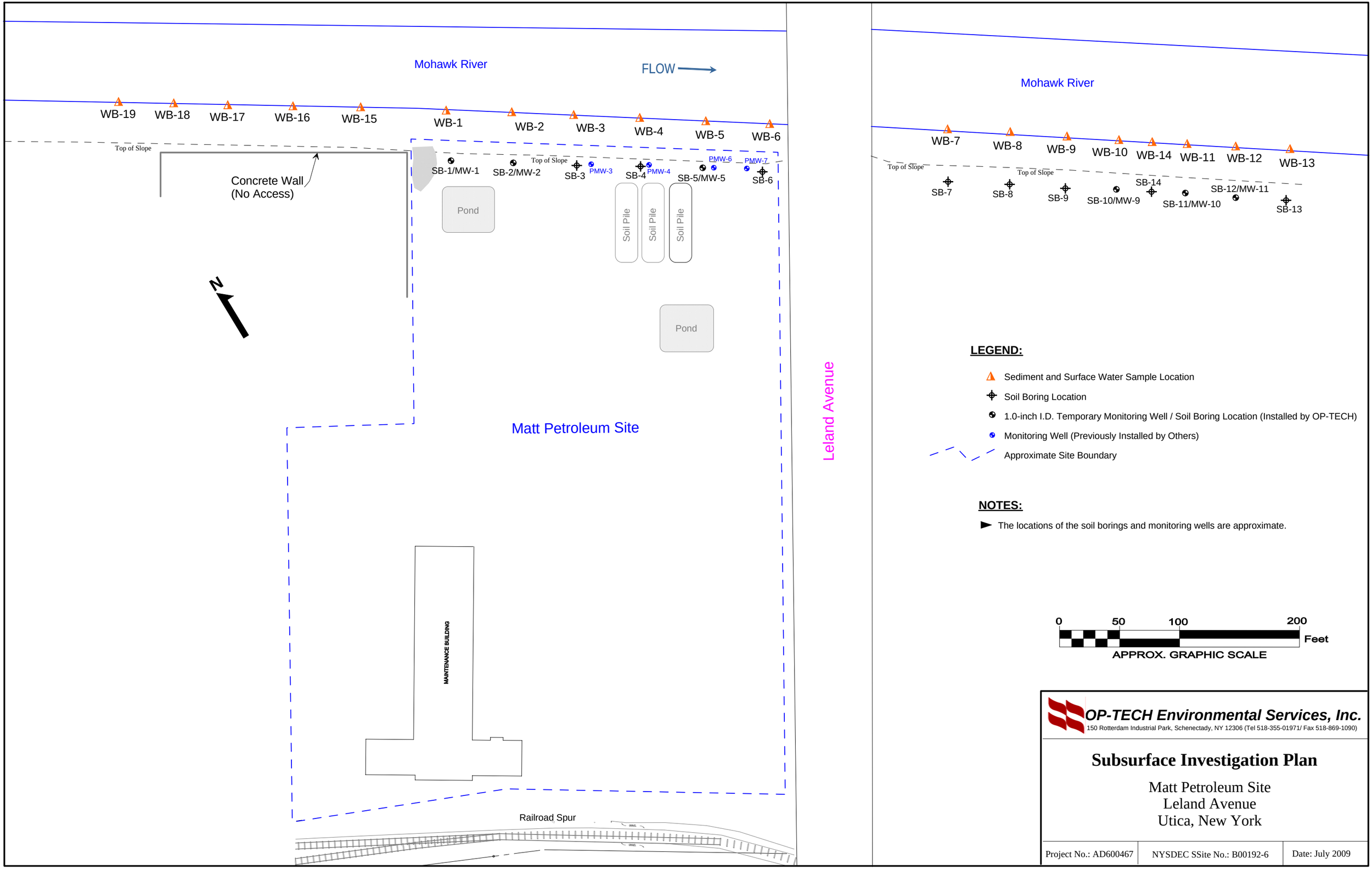
SITE LOCATION MAP

Matt Petroleum Site
Leland Avenue
Utica, New York

NYSDEC Site No.: B00192-6	NOT TO SCALE	Date: May 2009

EXHIBIT B

SITE MAP WITH MONITORING WELL AND BORING LOCATIONS



LEGEND:

- Sediment and Surface Water Sample Location
- Soil Boring Location
- 1.0-inch I.D. Temporary Monitoring Well / Soil Boring Location (Installed by OP-TECH)
- Monitoring Well (Previously Installed by Others)
- Approximate Site Boundary

NOTES:

- The locations of the soil borings and monitoring wells are approximate.

0 50 100 200 Feet

APPROX. GRAPHIC SCALE

OP-TECH Environmental Services, Inc.
150 Rotterdam Industrial Park, Schenectady, NY 12306 (Tel 518-355-01971/ Fax 518-869-1090)

Subsurface Investigation Plan

Matt Petroleum Site
Leland Avenue
Utica, New York

Project No.: AD600467	NYSDEC SSite No.: B00192-6	Date: July 2009

EXHIBIT C

GEOPROBE INVESTIGATION LOGS

OP-TECH

GEOPROBE® INVESTIGATION LOG

Date: June 2, 2009
Client: NYSDEC Region 6
OP-Tech Project No.: AD6-00467
Project Location: Former Matt Petroleum Terminal
Leland Ave., Utica NY
Boring I.D.: SB-1
Geoprobe Model: 6620 DT
OP-Tech Representatives: M. Colapinto / B. Perry
Client Representative: Pete Ouderkirk
Others Present:
Utility Clearance by: DSNY
Sampling Method: MacroCore®

LEGEND

Relative Composition:
and = 35 to 50%
some = 20 to 35%
little = 10 to 20%
trace = less than 10%

Relative Grain Size:
c = coarse
m = medium
f = fine

SAMPLE NUMBER	DEPTH (FEET) FROM	DEPTH (FEET) TO	DESCRIPTION/SOIL CHARACTERISTICS/OBSERVATIONS (COLOR, TEXTURE, RELATIVE MOISTURE, ODOR)	PID (ppm) DIRECT	PID (ppm) HEADSPACE
1	0.0	3.0	**3.0' Recovery** Fill bricks, rocks; Dry, No noticeable Petroleum Odor; Non-Plastic.	1.2' = ND 1.8' = ND 2.8' = ND 3.8' = ND	0.0'-2.0' = ND 2.0'-4.0' = 143
	3.0	4.0	Black organic SILT, some mf Sand; Dry; No Noticeable Petroleum Odor; Non-Plastic.		
2	4.0	8.0	**4.0' Recovery** Gray SILT & CLAY, little f sand; Moist, Petroleum odor, slightly plastic.	4.8' = ND 5.8' = 108 6.8' = 130 7.8' = 78	4.0'-6.0' = 2 6.0'-8.0' = 143
3	8.0	10.5	**4.0' Recovery** Similar Soil As Above; Moist; Petroleum Odor; Slightly Plastic.	8.5' = ND 9.3' = ND 10.5' = ND 11.8' = ND	8.0'-10.0' = ND 10.0'-12.0' = ND
	10.5	11.0	Gray-Brown fm Sand, little Silt, some mf Gravel; Wet, No Noticeable Petroleum Odor, Non-Plastic.		
	11.0	12.0	Gray CLAY; Wet; No Noticeable Petroleum Odor; Plastic.		
4	12.0	16.0	**2.5' Recovery** Gray CLAY, little fm Sand, Moist; No Noticeable Petroleum Odor; Plastic.	12.8' = ND 13.8' = ND 14.8' = ND 15.8' = ND	12.0'-14.0' = ND 14.0'-16.0' = ND

NOTES: Depths noted are approximate; Soil characteristics based on visual and manual field observations only.
PID screening performed by headspace analysis with an Ion Science Phochek+, equipped with 10.6 eV lamp.
ND = None Detected; PPM = Parts Per Million; NS = Not Screened; fbg = feet below grade.

BORING TERMINATED AT: 16.0 fbg LOG BY: Michael Colapinto

OP-TECH

GEOPROBE® INVESTIGATION LOG

Date: June 2, 2009
Client: NYSDEC Region 6
OP-Tech Project No.: AD6-00467
Project Location: Former Matt Petroleum Terminal
Leland Ave., Utica NY
Boring I.D.: SB-2
Geoprobe Model: 6620 DT
OP-Tech Representatives: M. Colapinto / B. Perry
Client Representative: Pete Ouderkirk
Others Present:
Utility Clearance by: DSNY
Sampling Method: MacroCore®

LEGEND

Relative Composition:
and = 35 to 50%
some = 20 to 35%
little = 10 to 20%
trace = less than 10%

Relative Grain Size:
c = coarse
m = medium
f = fine

SAMPLE NUMBER	DEPTH (FEET) FROM	DEPTH (FEET) TO	DESCRIPTION/SOIL CHARACTERISTICS/OBSERVATIONS (COLOR, TEXTURE, RELATIVE MOISTURE, ODOR)	PID (ppm) DIRECT	PID (ppm) HEADSPACE
1	0.0 0.5	0.5 4.0	**3.0' Recovery** Fill bricks, rocks; Dry, No noticeable Petroleum Odor; Non-Plastic. Black Gray f SAND, some Silt; Moist; ash and coal debris; Petroleum Odor; Non- Plastic.	1.2' = ND 1.8' = ND 2.8' = 50 3.8' = 186	0.0'-2.0' = ND 2.0'-4.0' = 700
2	4.0	8.0	**2.5' Recovery** Gray, SILT & CLAY; Wet, Strong Petroleum odor, Plastic.	4.8' = 30 5.8' = 213 6.8' = 31 7.8' = 0.5	4.0'-6.0' = 851 6.0'-8.0' = 221
3	8.0	12.0	**3.0' Recovery** Similar Soil As Above; Moist; Slight Petroleum Odor; Plastic.	8.5' = ND 9.3' = ND 10.5' = 0.5 11.8' = 9.2	8.0'-10.0' = 35 10.0'-12.0' = 48
4	12.0	16.0	**2.5' Recovery** Gray CLAY, little fm Sand, Saturated @ 12-14; Slight Petroleum Odor; Plastic.	12.8' = 0.5 13.8' = 0.5 14.8' = ND 15.8' = ND	12.0'-14.0' = 319 14.0'-16.0' = 20

NOTES: Depths noted are approximate; Soil characteristics based on visual and manual field observations only.
PID screening performed by headspace analysis with an Ion Science Phochek+, equipped with 10.6 eV lamp.
ND = None Detected; PPM = Parts Per Million; NS = Not Screened; fbg = feet below grade.

BORING TERMINATED AT: 16.0 fbg LOG BY: Michael Colapinto

OP-TECH

GEOPROBE® INVESTIGATION LOG

Date: June 2, 2009
Client: NYSDEC Region 6
OP-Tech Project No.: AD6-00467
Project Location: Former Matt Petroleum Terminal
Leland Ave., Utica NY
Boring I.D.: SB-3
Geoprobe Model: 6620 DT
OP-Tech Representatives: M. Colapinto / B. Perry
Client Representative: Pete Ouderkirk
Others Present:
Utility Clearance by: DSNY
Sampling Method: MacroCore®

LEGEND

Relative Composition:
and = 35 to 50%
some = 20 to 35%
little = 10 to 20%
trace = less than 10%

Relative Grain Size:
c = coarse
m = medium
f = fine

SAMPLE NUMBER	DEPTH (FEET) FROM	DEPTH (FEET) TO	DESCRIPTION/SOIL CHARACTERISTICS/OBSERVATIONS (COLOR, TEXTURE, RELATIVE MOISTURE, ODOR)	PID (ppm) DIRECT	PID (ppm) HEADSPACE
1	0.0	4.0	**2.0' Recovery** Fill bricks, rocks; Dry, No noticeable Petroleum Odor; Non-Plastic.	1.2' = ND 1.8' = ND 2.8' = ND 3.8' = ND	0.0'-2.0' = ND 2.0'-4.0' = ND
2	4.0 4.5	4.5 8.0	**2.0' Recovery** Similar Soil As Above, Dry, No noticeable Petroleum Odor; Non-Plastic. Dark Brown SAND, some Silt, little mf Gravel; Wet; Strong petroleum Odor, Non-Plastic.	4.8' = 20 5.8' = 1153 6.8' = 26 7.8' = 6.5	4.0'-6.0' = 640 6.0'-8.0' = 324
3	8.0 9.0	9.0 12.0	**3.5' Recovery** Similar Soil As Above; Saturated; Slight Petroleum Odor; Non-Plastic. Gray mottled Dark Brown SILT & CLAY; Saturated, Slight Petroleum Odor; Slightly Plastic.	8.5' = ND 9.3' = ND 10.5' = ND 11.8' = ND	8.0'-10.0' = 82 10.0'-12.0' = 12
4	12.0	16.0	**2.5' Recovery** Similar Soil As Above, Saturated; Slight Petroleum Odor; Slightly Plastic.	12.8' = ND 13.8' = ND 14.8' = ND 15.8' = ND	12.0'-14.0' = 70 14.0'-16.0' = 190
	16.0	20.0	**2.5' Recovery** Similar Soil As Above, Saturated; Non Noticeable Petroleum Odor; Slightly Plastic.	16.8' = ND 17.8' = ND 18.8' = ND 19.8' = ND	16.0'-18.0' = 7 18.0'-20.0' = ND

NOTES: Depths noted are approximate; Soil characteristics based on visual and manual field observations only.
PID screening performed by headspace analysis with an Ion Science Phochek+, equipped with 10.6 eV lamp.
ND = None Detected; PPM = Parts Per Million; NS = Not Screened; fbg = feet below grade.

BORING TERMINATED AT: 20.0 fbg LOG BY: Michael Colapinto

OP-TECH

GEOPROBE® INVESTIGATION LOG

Date: June 2, 2009
Client: NYSDEC Region 6
OP-Tech Project No.: AD6-00467
Project Location: Former Matt Petroleum Terminal
Leland Ave., Utica NY
Boring I.D.: SB-4
Geoprobe Model: 6620 DT
OP-Tech Representatives: M. Colapinto / B. Perry
Client Representative: Pete Ouderkirk
Others Present:
Utility Clearance by: DSNY
Sampling Method: MacroCore®

LEGEND

Relative Composition:
and = 35 to 50%
some = 20 to 35%
little = 10 to 20%
trace = less than 10%

Relative Grain Size:
c = coarse
m = medium
f = fine

SAMPLE NUMBER	DEPTH (FEET) FROM	DEPTH (FEET) TO	DESCRIPTION/SOIL CHARACTERISTICS/OBSERVATIONS (COLOR, TEXTURE, RELATIVE MOISTURE, ODOR)	PID (ppm) DIRECT	PID (ppm) HEADSPACE
1	0.0	4.0	**2.5' Recovery** Fill bricks, rocks, some organic material; Dry, No noticeable Petroleum Odor; Non-Plastic.	1.2' = ND 1.8' = ND 2.8' = ND 3.8' = ND	0.0'-2.0' = ND 2.0'-4.0' = ND
2	4.0 7.0	7.0 8.0	**3.0' Recovery** Similar Soil As Above, Moist, No noticeable Petroleum Odor; Non-Plastic. Dark Brown SAND, some Silt, Wet; Strong petroleum Odor, Non-Plastic.	4.8' = ND 5.8' = ND 6.8' = 2.5 7.8' = 58.7	4.0'-6.0' = 20 6.0'-8.0' = 87
3	8.0 9.0	9.0 12.0	**2.5' Recovery** Similar Soil As Above; Wet; Petroleum Odor; Non-Plastic. Gray mottled Dark Brown SILT & CLAY, some f Gravel, Saturated, Slight Petroleum Odor; Slightly Plastic.	8.5' = 151 9.3' = 12 10.5' = ND 11.8' = ND	8.0'-10.0' = 1140 10.0'-12.0' = 4.5
4	12.0	16.0	**2.5' Recovery** Brown SAND & GRAVEL, some Silt; Saturated; Strong Petroleum Odor; Plastic.	12.8' = 2 13.8' = 4 14.8' = 50 15.8' = 300	12.0'-14.0' = 27 14.0'-16.0' = 452
5	16.0	20.0	**2.0' Recovery** Dark Brown SILT and CLAY, little mf Sand, trace f Gravel; Saturated; No Noticeable Petroleum Odor; Plastic.	16.8' = 2.6 17.8' = ND 18.8' = ND 19.8' = ND	16.0'-18.0' = 16 18.0'-20.0' = ND

NOTES: Depths noted are approximate; Soil characteristics based on visual and manual field observations only.
PID screening performed by headspace analysis with an Ion Science Phochek+, equipped with 10.6 eV lamp.
ND = None Detected; PPM = Parts Per Million; NS = Not Screened; fbg = feet below grade.

BORING TERMINATED AT: 20.0 fbg LOG BY: Michael Colapinto

OP-TECH

GEOPROBE® INVESTIGATION LOG

Client: NYSDEC Region 6
Project Location: Former Matt Petroleum Terminal, Leland Ave., Utica NY
Geoprobe Model: 6620 DT
OP-Tech Representatives: M. Colapinto / B. Perry
Client Representative: Pete Ouderkirk
Others Present:
Utility Clearance by: DSNY
Sampling Method: MacroCore®

Date: June 2, 2009
OP-Tech Project No.: AD6-00467
Boring I.D.: SB-5

LEGEND

Relative Composition:
and = 35 to 50%
some = 20 to 35%
little = 10 to 20%
trace = less than 10%

Relative Grain Size:
c = coarse
m = medium
f = fine

SAMPLE NUMBER	DEPTH (FEET) FROM	DEPTH (FEET) TO	DESCRIPTION/SOIL CHARACTERISTICS/OBSERVATIONS (COLOR, TEXTURE, RELATIVE MOISTURE, ODOR)	PID (ppm) DIRECT	PID (ppm) HEADSPACE
1	0.0	4.0	**2.5' Recovery** Fill bricks, rocks, some organic material; Dry, No noticeable Petroleum Odor; Non-Plastic.	1.2' = ND 1.8' = ND 2.8' = ND 3.8' = ND	0.0'-2.0' = ND 2.0'-4.0' = ND
2	4.0 7.0	7.0 8.0	**3.0' Recovery** Similar Soil As Above, Moist, No noticeable Petroleum Odor; Non-Plastic. Dark Brown SAND, some Silt; Wet; Strong petroleum Odor, Non- Plastic.	4.8' = 15 5.8' = 25.4 6.8' = 24.1 7.8' = 49	4.0'-6.0' = 220 6.0'-8.0' = 163
3	8.0 9.0	9.0 12.0	**2.5' Recovery** Similar Soil As Above; Wet; Petroleum Odor; Non-Plastic. Gray mottled Dark Brown SILT & CLAY, some mf Gravel, Saturated, Slight Petroleum Odor; Slightly Plastic.	8.5' = 9.5 9.3' = 12.4 10.5' = 5.9 11.8' = 1.83	8.0'-10.0' = 51 10.0'-12.0' = 48
4	12.0	16.0	**2.5' Recovery** Brown SAND & GRAVEL, some Silt; Saturated; Strong Petroleum Odor; Plastic.	12.8' = 2.03 13.8' = 4.54 14.8' = 3.25 15.8' = ND	12.0'-14.0' = 27 14.0'-16.0' = 51
5	16.0	20.0	**2.0' Recovery** Dark Brown SILT and CLAY, little mf Sand, trace f Gravel; Saturated; No Noticeable Petroleum Odor; Plastic.	16.8' = ND 17.8' = ND 18.8' = ND 19.8' = ND	16.0'-18.0' = ND 18.0'-20.0' = ND

NOTES: Depths noted are approximate; Soil characteristics based on visual and manual field observations only.
PID screening performed by headspace analysis with an Ion Science Phochek+, equipped with 10.6 eV lamp.
ND = None Detected; PPM = Parts Per Million; NS = Not Screened; fbg = feet below grade.

BORING TERMINATED AT: 20.0 fbg LOG BY: Michael Colapinto

GEOPROBE® INVESTIGATION LOG

Date: June 2, 2009
OP-Tech Project No.: AD6-00467
Boring I.D.: SB-6

Client: NYSDEC Region 6
Project Location: Former Matt Petroleum Terminal
Leland Ave., Utica NY
Geoprobe Model: 6620 DT
OP-Tech Representatives: M. Colapinto / B. Perry
Client Representative: Pete Ouderkirk
Others Present:
Utility Clearance by: DSNY
Sampling Method: MacroCore®

LEGEND

Relative Composition:
and = 35 to 50%
some = 20 to 35%
little = 10 to 20%
trace = less than 10%

Relative Grain Size:
c = coarse
m = medium
f = fine

SAMPLE NUMBER	DEPTH (FEET) FROM	DEPTH (FEET) TO	DESCRIPTION/SOIL CHARACTERISTICS/OBSERVATIONS (COLOR, TEXTURE, RELATIVE MOISTURE, ODOR)	PID (ppm) DIRECT	PID (ppm) HEADSPACE
1	0.0	4.0	**1.0' Recovery** Fill bricks, rocks, some organic material; Dry, No Noticeable Petroleum Odor; Non-Plastic.	1.2' = ND 1.8' = ND 2.8' = ND 3.8' = ND	0.0'-2.0' = ND 2.0'-4.0' = ND
2	4.0	8.0	**3.0' Recovery** Similar Soil As Above, Moist-Wet; Slight Petroleum Odor; Non-Plastic.	4.8' = 41 5.8' = 21 6.8' = 24 7.8' = 46	4.0'-6.0' = 45 6.0'-8.0' = 182
3	8.0 10.0	10.0 12.0	**3.6' Recovery** Gray mottled Dark Brown SILT & CLAY; some mf Gravel, Saturated, Slight Petroleum Odor; Slightly Plastic. Gray SILT & CLAY; Saturated; Slight Petroleum Odor; Slightly Plastic.	8.5' = 49 9.3' = 25 10.5' = 21 11.8' = 20.9	8.0'-10.0' = 144 10.0'-12.0' = 80
4	12.0 14.0	14.0 16.0	**3.8' Recovery** Gray mottled Dark Brown SILT & CLAY; some mf Gravel, Saturated, Slight Petroleum Odor; Slightly Plastic. Gray SILT & CLAY; Saturated; Slight Petroleum Odor; Slightly Plastic.	12.8' = 13 13.8' = 26.1 14.8' = 36 15.8' = 32.7	12.0'-14.0' = 102 14.0'-16.0' = 3.8

NOTES: Depths noted are approximate; Soil characteristics based on visual and manual field observations only.
PID screening performed by headspace analysis with an Ion Science Phochek+, equipped with 10.6 eV lamp.
ND = None Detected; PPM = Parts Per Million; NS = Not Screened; fbg = feet below grade.

BORING TERMINATED AT: 16.0 fbg LOG BY: Michael Colapinto

OP-TECH

GEOPROBE® INVESTIGATION LOG

Client: NYSDEC Region 6
Project Location: Former Matt Petroleum Terminal, Leland Ave., Utica NY
Geoprobe Model: 6620 DT
OP-Tech Representatives: M. Colapinto / B. Perry
Client Representative: Pete Ouderkirk
Others Present:
Utility Clearance by: DSNY
Sampling Method: MacroCore®

Date: June 3, 2009
OP-Tech Project No.: AD6-00467
Boring I.D.: SB-7

LEGEND

Relative Composition:
and = 35 to 50%
some = 20 to 35%
little = 10 to 20%
trace = less than 10%

Relative Grain Size:
c = coarse
m = medium
f = fine

SAMPLE NUMBER	DEPTH (FEET) FROM	DEPTH (FEET) TO	DESCRIPTION/SOIL CHARACTERISTICS/OBSERVATIONS (COLOR, TEXTURE, RELATIVE MOISTURE, ODOR)	PID (ppm) DIRECT	PID (ppm) HEADSPACE
1	0.0 0.5	0.5 4.0	**1.0' Recovery** Topsoil Fill bricks, rocks, Dry; No Noticeable Petroleum Odor; Non-Plastic.	1.2' = ND 1.8' = ND 2.8' = ND 3.8' = ND	0.0'-2.0' = ND 2.0'-4.0' = ND
2	4.0 7.0	7.0 8.0	**4.0' Recovery** Similar Soil As Above; Dry; No Noticeable Petroleum Odor; Non-Plastic. Brown f SAND, some Silt, Dry; No Noticeable Petroleum Odor; Non-Plastic.	4.8' = ND 5.8' = ND 6.8' = ND 7.8' = ND	4.0'-6.0' = ND 6.0'-8.0' = ND
3	8.0 9.0	9.0 12.0	**4.0' Recovery** Similar Soil As Above, Wet @ 9.0; No Noticeable Petroleum Odor; Non-Plastic. Gray SILT & CLAY; Wet; No Noticeable Petroleum Odor; Slightly Plastic.	8.5' = ND 9.3' = ND 10.5' = ND 11.8' = ND	8.0'-10.0' = ND 10.0'-12.0' = ND
4	12.0 14.0	14.0 16.0	**4.0' Recovery** Similar Soil As Above; Wet; No Noticeable Petroleum Odor; Slightly Plastic. Gray SILT & CLAY; Wet; No Noticeable Petroleum Odor; Slightly Plastic.	12.8' = ND 13.8' = ND 14.8' = ND 15.8' = ND	12.0'-14.0' = ND 14.0'-16.0' = ND
5	16.0	20.0	**2.9' Recovery** Dark Brown SILT & CLAY; Wet; No Noticeable Petroleum Odor; Slightly Plastic.	12.8' = ND 13.8' = ND 14.8' = ND 15.8' = ND	16.0'-18.0' = ND 18.0'-20.0' = ND
6	20.0	24.0	**2.6' Recovery** Black f SAND, some Silt, some mf Gravel, Saturated; No Noticeable Petroleum Odor; Non-Plastic.	20.2' = ND 21.8' = ND 22.8' = ND 23.8' = ND	20.0'-22.0' = ND 22.0'-24.0' = ND

NOTES: Depths noted are approximate; Soil characteristics based on visual and manual field observations only.
PID screening performed by headspace analysis with an Ion Science Phochek+, equipped with 10.6 eV lamp.
ND = None Detected; PPM = Parts Per Million; NS = Not Screened; fbg = feet below grade.

BORING TERMINATED AT: 24.0 fbg LOG BY: Michael Colapinto

OP-TECH

GEOPROBE® INVESTIGATION LOG

Client: NYSDEC Region 6
Project Location: Former Matt Petroleum Terminal, Leland Ave., Utica NY
Geoprobe Model: 6620 DT
OP-Tech Representatives: M. Colapinto / B. Perry
Client Representative: Pete Ouderkirk
Others Present:
Utility Clearance by: DSNY
Sampling Method: MacroCore®

Date: June 3, 2009
OP-Tech Project No.: AD6-00467
Boring I.D.: SB-8

LEGEND

Relative Composition:
and = 35 to 50%
some = 20 to 35%
little = 10 to 20%
trace = less than 10%

Relative Grain Size:
c = coarse
m = medium
f = fine

SAMPLE NUMBER	DEPTH (FEET) FROM	DEPTH (FEET) TO	DESCRIPTION/SOIL CHARACTERISTICS/OBSERVATIONS (COLOR, TEXTURE, RELATIVE MOISTURE, ODOR)	PID (ppm) DIRECT	PID (ppm) HEADSPACE
1	0.0 3.5	3.5 4.0	**2.0' Recovery** Fill bricks, rocks, Dry; No Noticeable Petroleum Odor; Non-Plastic. Brown f SAND, some Silt, Dry; No Noticeable Petroleum Odor; Non-Plastic.	1.2' = ND 1.8' = ND 2.8' = ND 3.8' = ND	0.0'-2.0' = ND 2.0'-4.0' = ND
2	4.0	8.0	**4.0' Recovery** Similar Soil As Above, Dry; No Noticeable Petroleum Odor; Non-Plastic.	4.8' = ND 5.8' = ND 6.8' = ND 7.8' = ND	4.0'-6.0' = ND 6.0'-8.0' = ND
3	8.0	12.0	**4.0' Recovery** Brown SILT & CLAY; Dry, Moist; No Noticeable Petroleum Odor; Slightly Plastic.	8.5' = ND 9.3' = ND 10.5' = ND 11.8' = ND	8.0'-10.0' = ND 10.0'-12.0' = ND
4	12.0 13.0	13.0 16.0	**3.0' Recovery** Brown SAND, some Silt, little mf Gravel; Moist; No Noticeable Petroleum Odor; Plastic. Brown SILT & CLAY, little f Gravel, Wet; No Noticeable Petroleum Odor; Slightly Plastic.	12.8' = ND 13.8' = ND 14.8' = ND 15.8' = ND	12.0'-14.0' = ND 14.0'-16.0' = ND
5	16.0	20.0	**2.2' Recovery** Similar Soil As Above, Saturated; No Noticeable Petroleum Odor; Slightly Plastic.	16.8' = ND 17.8' = ND 18.8' = ND 19.8' = ND	16.0'-18.0' = ND 18.0'-20.0' = ND

NOTES: Depths noted are approximate; Soil characteristics based on visual and manual field observations only.
PID screening performed by headspace analysis with an Ion Science Phochek+, equipped with 10.6 eV lamp.
ND = None Detected; PPM = Parts Per Million; NS = Not Screened; fbg = feet below grade.

BORING TERMINATED AT: 20.0 fbg LOG BY: Michael Colapinto

OP-TECH

GEOPROBE® INVESTIGATION LOG

Date: June 3, 2009
OP-Tech Project No.: AD6-00467
Boring I.D.: SB-9

Client: NYSDEC Region 6
Project Location: Former Matt Petroleum Terminal
Leland Ave., Utica NY
Geoprobe Model: 6620 DT
OP-Tech Representatives: M. Colapinto / B. Perry
Client Representative: Pete Ouderkirk
Others Present:
Utility Clearance by: DSNY
Sampling Method: MacroCore®

LEGEND

Relative Composition:
and = 35 to 50%
some = 20 to 35%
little = 10 to 20%
trace = less than 10%

Relative Grain Size:
c = coarse
m = medium
f = fine

SAMPLE NUMBER	DEPTH (FEET) FROM	DEPTH (FEET) TO	DESCRIPTION/SOIL CHARACTERISTICS/OBSERVATIONS (COLOR, TEXTURE, RELATIVE MOISTURE, ODOR)	PID (ppm) DIRECT	PID (ppm) HEADSPACE
1	0.0	4.0	**2.3' Recovery** Fill bricks, rocks, Dry; No Noticeable Petroleum Odor; Non-Plastic.	1.2' = ND 1.8' = ND 2.8' = ND 3.8' = ND	0.0'-2.0' = ND 2.0'-4.0' = ND
2	4.0 5.0	5.0 8.0	**4.0' Recovery** Similar Soil As Above, Dry; No Noticeable Petroleum Odor; Non-Plastic. Brown f SAND, some Silt; Moist; No Noticeable Petroleum Odor; Non-Plastic.	4.8' = ND 5.8' = ND 6.8' = ND 7.8' = ND	4.0'-6.0' = ND 6.0'-8.0' = ND
3	8.0	12.0	**4.0' Recovery** Similar Soil As Above, Moist; No Noticeable Petroleum Odor; Non-Plastic.	8.5' = ND 9.3' = ND 10.5' = ND 11.8' = ND	8.0'-10.0' = ND 10.0'-12.0' = ND
4	12.0	16.0	**2.0' Recovery** Brown SILT & CLAY, little f Gravel; Wet; No Noticeable Petroleum Odor; Slightly Plastic.	12.8' = ND 13.8' = ND 14.8' = ND 15.8' = ND	12.0'-14.0' = ND 14.0'-16.0' = ND
5	16.0	20.0	**3.5' Recovery** Similar Soil As Above; Wet; No Noticeable Petroleum Odor; Slightly Plastic.	16.8' = ND 17.8' = ND 18.8' = ND 19.8' = ND	16.0'-18.0' = ND 18.0'-20.0' = ND

NOTES: Depths noted are approximate; Soil characteristics based on visual and manual field observations only.
PID screening performed by headspace analysis with an Ion Science Phochek+, equipped with 10.6 eV lamp.
ND = None Detected; PPM = Parts Per Million; NS = Not Screened; fbg = feet below grade.

BORING TERMINATED AT: 20.0 fbg LOG BY: Michael Colapinto

OP-TECH

GEOPROBE® INVESTIGATION LOG

Client: NYSDEC Region 6
Project Location: Former Matt Petroleum Terminal, Leland Ave., Utica NY
Geoprobe Model: 6620 DT
OP-Tech Representatives: M. Colapinto / B. Perry
Client Representative: Pete Ouderkirk
Others Present:
Utility Clearance by: DSNY
Sampling Method: MacroCore®

Date: June 3, 2009
OP-Tech Project No.: AD6-00467
Boring I.D.: SB-10

LEGEND

Relative Composition:
and = 35 to 50%
some = 20 to 35%
little = 10 to 20%
trace = less than 10%

Relative Grain Size:
c = coarse
m = medium
f = fine

SAMPLE NUMBER	DEPTH (FEET) FROM	DEPTH (FEET) TO	DESCRIPTION/SOIL CHARACTERISTICS/OBSERVATIONS (COLOR, TEXTURE, RELATIVE MOISTURE, ODOR)	PID (ppm) DIRECT	PID (ppm) HEADSPACE
1	0.0	4.0	**2.4' Recovery** Fill bricks, rocks, Dry; No Noticeable Petroleum Odor; Non-Plastic.	1.2' = ND 1.8' = ND 2.8' = ND 3.8' = ND	0.0'-2.0' = ND 2.0'-4.0' = ND
2	4.0	8.0	**3.0' Recovery** Similar Soil As Above, Dry; No Noticeable Petroleum Odor; Non-Plastic.	4.8' = ND 5.8' = ND 6.8' = ND 7.8' = ND	4.0'-6.0' = ND 6.0'-8.0' = ND
3	8.0 10.0 11.0	10.0 11.0 12.0	**4.0' Recovery** Similar Soil As Above; Moist; No Noticeable Petroleum Odor; Non-Plastic. Brown f SAND, some Silt; Wet; No Noticeable Petroleum Odor; Non-Plastic. Brown fm SAND & GRAVEL, some Silt, Saturated; No Noticeable Petroleum Odor; Non-Plastic.	8.5' = ND 9.3' = ND 10.5' = ND 11.8' = ND	8.0'-10.0' = ND 10.0'-12.0' = ND
4	12.0 13.0 14.0	13.0 14.0 16.0	**4.0' Recovery** Similar Soil As Above, Saturated; No Noticeable Petroleum Odor; Non-Plastic. Brown SILT & CLAY, little Gravel; Saturated; No Noticeable Petroleum Odor; Slightly Plastic. Dark Brown f Sand, some Silt, little mf Gravel, Saturated; No Noticeable Petroleum Odor; Non-Plastic.	12.8' = ND 13.8' = ND 14.8' = ND 15.8' = ND	12.0'-14.0' = ND 14.0'-16.0' = ND
5					

NOTES: Depths noted are approximate; Soil characteristics based on visual and manual field observations only.
PID screening performed by headspace analysis with an Ion Science Phochek+, equipped with 10.6 eV lamp.
ND = None Detected; PPM = Parts Per Million; NS = Not Screened; fbg = feet below grade.

BORING TERMINATED AT: 16.0 fbg LOG BY: Michael Colapinto

OP-TECH

GEOPROBE® INVESTIGATION LOG

Client: NYSDEC Region 6
Project Location: Former Matt Petroleum Terminal, Leland Ave., Utica NY
Geoprobe Model: 6620 DT
OP-Tech Representatives: M. Colapinto / B. Perry
Client Representative: Pete Ouderkirk
Others Present:
Utility Clearance by: DSNY
Sampling Method: MacroCore®

Date: June 3, 2009
OP-Tech Project No.: AD6-00467
Boring I.D.: SB-11

LEGEND

Relative Composition:
and = 35 to 50%
some = 20 to 35%
little = 10 to 20%
trace = less than 10%

Relative Grain Size:
c = coarse
m = medium
f = fine

SAMPLE NUMBER	DEPTH (FEET) FROM	DEPTH (FEET) TO	DESCRIPTION/SOIL CHARACTERISTICS/OBSERVATIONS (COLOR, TEXTURE, RELATIVE MOISTURE, ODOR)	PID (ppm) DIRECT	PID (ppm) HEADSPACE
1	0.0	2.0	**2.0' Recovery** Fill bricks, rocks, Dry; No Noticeable Petroleum Odor; Non-Plastic.	1.2' = ND 1.8' = ND 2.8' = ND 3.8' = ND	0.0'-2.0' = ND 2.0'-4.0' = ND
	2.0	4.0	Brown f SAND, some Silt; Dry; No Noticeable Petroleum Odor; Non-Plastic.		
2	4.0	6.5	**4.0' Recovery** Similar Soil As Above, Dry; No Noticeable Petroleum Odor; Non-Plastic.	4.8' = ND 5.8' = ND 6.8' = ND 7.8' = ND	4.0'-6.0' = ND 6.0'-8.0' = ND
	6.5	8.0	Brown SILT & CLAY; Moist; No Noticeable Petroleum Odor; Slightly Plastic.		
3	8.0	10.0	**2.0' Recovery** Similar Soil As Above, Moist; No Noticeable Petroleum Odor; Slightly Plastic.	8.5' = ND 9.3' = 450 10.5' = 750 11.8' = 2,000	8.0'-10.0' = 330 10.0'-12.0' = 4,480
	10.0	12.0	Brown SILT & CLAY, little Gravel; Wet; Strong Petroleum Odor; Slightly Plastic.		
4	12.0	13.0	**2.5' Recovery** Brown fm SAND & GRAVEL, some Silt, Saturated; Strong Petroleum Odor; Non-Plastic.	12.8' = 250 13.8' = 25 14.8' = 55 15.8' = 50	12.0'-14.0' = 3,600 14.0'-16.0' = 114
	13.0	14.0	Brown f SAND, some Silt, wood fragments @ 14.0-14.5 fbg, Saturated; No Noticeable Petroleum Odor; Non-Plastic.		
	14.0	16.0	Brown SILT & CLAY, Some Brick Fragments; Saturated; Slight Petroleum Odor; Slightly Plastic.		
5					

NOTES: Depths noted are approximate; Soil characteristics based on visual and manual field observations only.
PID screening performed by headspace analysis with an Ion Science Phochek+, equipped with 10.6 eV lamp.
ND = None Detected; PPM = Parts Per Million; NS = Not Screened; fbg = feet below grade.

BORING TERMINATED AT: 16.0 fbg LOG BY: Michael Colapinto

OP-TECH

GEOPROBE® INVESTIGATION LOG

Client: NYSDEC Region 6
Project Location: Former Matt Petroleum Terminal
Leland Ave., Utica NY
Geoprobe Model: 6620 DT
OP-Tech Representatives: M. Colapinto / B. Perry
Client Representative: Pete Ouderkirk
Others Present:
Utility Clearance by: DSNY
Sampling Method: MacroCore®

Date: June 3, 2009
OP-Tech Project No.: AD6-00467
Boring I.D.: SB-12

LEGEND

Relative Composition:
and = 35 to 50%
some = 20 to 35%
little = 10 to 20%
trace = less than 10%

Relative Grain Size:
c = coarse
m = medium
f = fine

SAMPLE NUMBER	DEPTH (FEET) FROM	DEPTH (FEET) TO	DESCRIPTION/SOIL CHARACTERISTICS/OBSERVATIONS (COLOR, TEXTURE, RELATIVE MOISTURE, ODOR)	PID (ppm) DIRECT	PID (ppm) HEADSPACE
1	0.0	4.0	**2.2' Recovery** Fill bricks, rocks, Dry; No Noticeable Petroleum Odor; Non-Plastic.	1.2' = ND 1.8' = 18 2.8' = ND 3.8' = ND	0.0'-2.0' = 2 2.0'-4.0' = 22
2	4.0	8.0	**3.5' Recovery** Brown f SAND, some Silt, little mf Gravel; Slight Petroleum Odor; Non-Plastic.	4.8' = ND 5.8' = ND 6.8' = ND 7.8' = ND	4.0'-6.0' = 103 6.0'-8.0' = ND
3	8.0	12.0	**3.7' Recovery** Similar Soil As Above; Wet; Slight Petroleum Odor; Non-Plastic.	8.5' = ND 9.3' = ND 10.5' = ND 11.8' = ND	8.0'-10.0' = ND 10.0'-12.0' = ND
4	12.0 13.0	13.0 16.0	**4.0' Recovery** Similar Soil As Above; saturated; Slight Petroleum Odor; Non-Plastic. Brown SILT & CLAY, Saturated; No Noticeable Petroleum Odor; Slightly Plastic.	12.8' = ND 13.8' = ND 14.8' = ND 15.8' = ND	12.0'-14.0' = ND 14.0'-16.0' = ND
5					

NOTES: Depths noted are approximate; Soil characteristics based on visual and manual field observations only.
PID screening performed by headspace analysis with an Ion Science Phochek+, equipped with 10.6 eV lamp.
ND = None Detected; PPM = Parts Per Million; NS = Not Screened; fbg = feet below grade.

BORING TERMINATED AT: 16.0 fbg LOG BY: Michael Colapinto

OP-TECH

GEOPROBE® INVESTIGATION LOG

Date: June 3, 2009
OP-Tech Project No.: AD6-00467
Boring I.D.: SB-13

Client: NYSDEC Region 6
Project Location: Former Matt Petroleum Terminal
Leland Ave., Utica NY
Geoprobe Model: 6620 DT
OP-Tech Representatives: M. Colapinto / B. Perry
Client Representative: Pete Ouderkirk
Others Present:
Utility Clearance by: DSNY
Sampling Method: MacroCore®

LEGEND

Relative Composition:
and = 35 to 50%
some = 20 to 35%
little = 10 to 20%
trace = less than 10%

Relative Grain Size:
c = coarse
m = medium
f = fine

SAMPLE NUMBER	DEPTH (FEET) FROM	DEPTH (FEET) TO	DESCRIPTION/SOIL CHARACTERISTICS/OBSERVATIONS (COLOR, TEXTURE, RELATIVE MOISTURE, ODOR)	PID (ppm) DIRECT	PID (ppm) HEADSPACE
1	0.0	4.0	**1.0' Recovery** Fill bricks, rocks, Dry; No Noticeable Petroleum Odor; Non-Plastic.	1.2' = ND 1.8' = ND 2.8' = ND 3.8' = ND	0.0'-2.0' = ND 2.0'-4.0' = ND
2	4.0 7.5	7.5 8.0	**4.0' Recovery** Brown f SAND & SILT, Dry; No Noticeable Petroleum Odor; Plastic. Brown SILT & CLAY, Some f Sand, Dry; No Noticeable Petroleum Odor; Slightly Plastic.	4.8' = ND 5.8' = ND 6.8' = ND 7.8' = ND	4.0'-6.0' = ND 6.0'-8.0' = ND
3	8.0	12.0	**4.0' Recovery** Brown SILT & CLAY, Some f Sand, Dry; No Noticeable Petroleum Odor; Slightly Plastic.	8.5' = ND 9.3' = ND 10.5' = ND 11.8' = ND	8.0'-10.0' = ND 10.0'-12.0' = ND
4	12.0	16.0	**4.0' Recovery** Similar Soil As Above, Dry; No Noticeable Petroleum Odor; Non-Plastic.	12.8' = ND 13.8' = ND 14.8' = ND 15.8' = ND	12.0'-14.0' = ND 14.0'-16.0' = ND

NOTES: Depths noted are approximate; Soil characteristics based on visual and manual field observations only.
PID screening performed by headspace analysis with an Ion Science Phochek+, equipped with 10.6 eV lamp.
ND = None Detected; PPM = Parts Per Million; NS = Not Screened; fbg = feet below grade.

BORING TERMINATED AT: 16.0 fbg LOG BY: Michael Colapinto

OP-TECH

GEOPROBE® INVESTIGATION LOG

Date: June 3, 2009
OP-Tech Project No.: AD6-00467
Boring I.D.: SB-14

Client: NYSDEC Region 6
Project Location: Former Matt Petroleum Terminal
Leland Ave., Utica NY
Geoprobe Model: 6620 DT
OP-Tech Representatives: M. Colapinto / B. Perry
Client Representative: Pete Ouderkirk
Others Present:
Utility Clearance by: DSNY
Sampling Method: MacroCore®

LEGEND

Relative Composition:
and = 35 to 50%
some = 20 to 35%
little = 10 to 20%
trace = less than 10%

Relative Grain Size:
c = coarse
m = medium
f = fine

SAMPLE NUMBER	DEPTH (FEET) FROM	DEPTH (FEET) TO	DESCRIPTION/SOIL CHARACTERISTICS/OBSERVATIONS (COLOR, TEXTURE, RELATIVE MOISTURE, ODOR)	PID (ppm) DIRECT	PID (ppm) HEADSPACE
1	0.0	4.0	**2.4' Recovery** Fill bricks, rocks, Dry; No Noticeable Petroleum Odor; Non-Plastic.	1.2' = ND 1.8' = ND 2.8' = ND 3.8' = ND	0.0'-2.0' = ND 2.0'-4.0' = ND
2	4.0	8.0	**3.2' Recovery** Similar Soil As Above, Dry; No Noticeable Petroleum Odor; Non-Plastic.	4.8' = ND 5.8' = ND 6.8' = ND 7.8' = ND	4.0'-6.0' = ND 6.0'-8.0' = ND
3	8.0 10.0	10.0 12.0	**4.0' Recovery** Similar Soil As Above, Moist; Slight Petroleum Odor; Non-Plastic. Dark Brown f Sand, some Clayey Silt; Moist, Strong Petroleum Odor; Non-Plastic.	8.5' = ND 9.3' = ND 10.5' = 383 11.8' = 1,000	8.0'-10.0' = ND 10.0'-12.0' = 3,300
4	12.0	16.0	**2.0' Recovery** Similar Soil As Above; Saturated, Strong Petroleum Odor; Non-Plastic.	12.8' = 178 13.8' = 145 14.8' = 21 15.8' = 14.6	12.0'-14.0' = 2,910 14.0'-16.0' = 85
5	16.0	20.0	**3.0' Recovery** Similar Soil As Above; Saturated, No Noticeable Petroleum Odor; Non-Plastic.	16.5' = ND 17.5' = ND 18.5' = ND 19.5' = ND	16.0'-18.0' = 10 28.0'-20.0' = ND

NOTES: Depths noted are approximate; Soil characteristics based on visual and manual field observations only.
PID screening performed by headspace analysis with an Ion Science Phochek+, equipped with 10.6 eV lamp.
ND = None Detected; PPM = Parts Per Million; NS = Not Screened; fbg = feet below grade.

BORING TERMINATED AT: 20.0 fbg LOG BY: Michael Colapinto

EXHIBIT D

MONITORING WELL CONSTRUCTION LOGS

OP-TECH Environmental Services, Inc.

150 Rotterdam Industrial Park, Schenectady, N.Y. 12306; Tel (518) 355-0197 / Fax (518) 355-3256

Client: NYS DEC Region 6 **Project No.:** AD6-00467

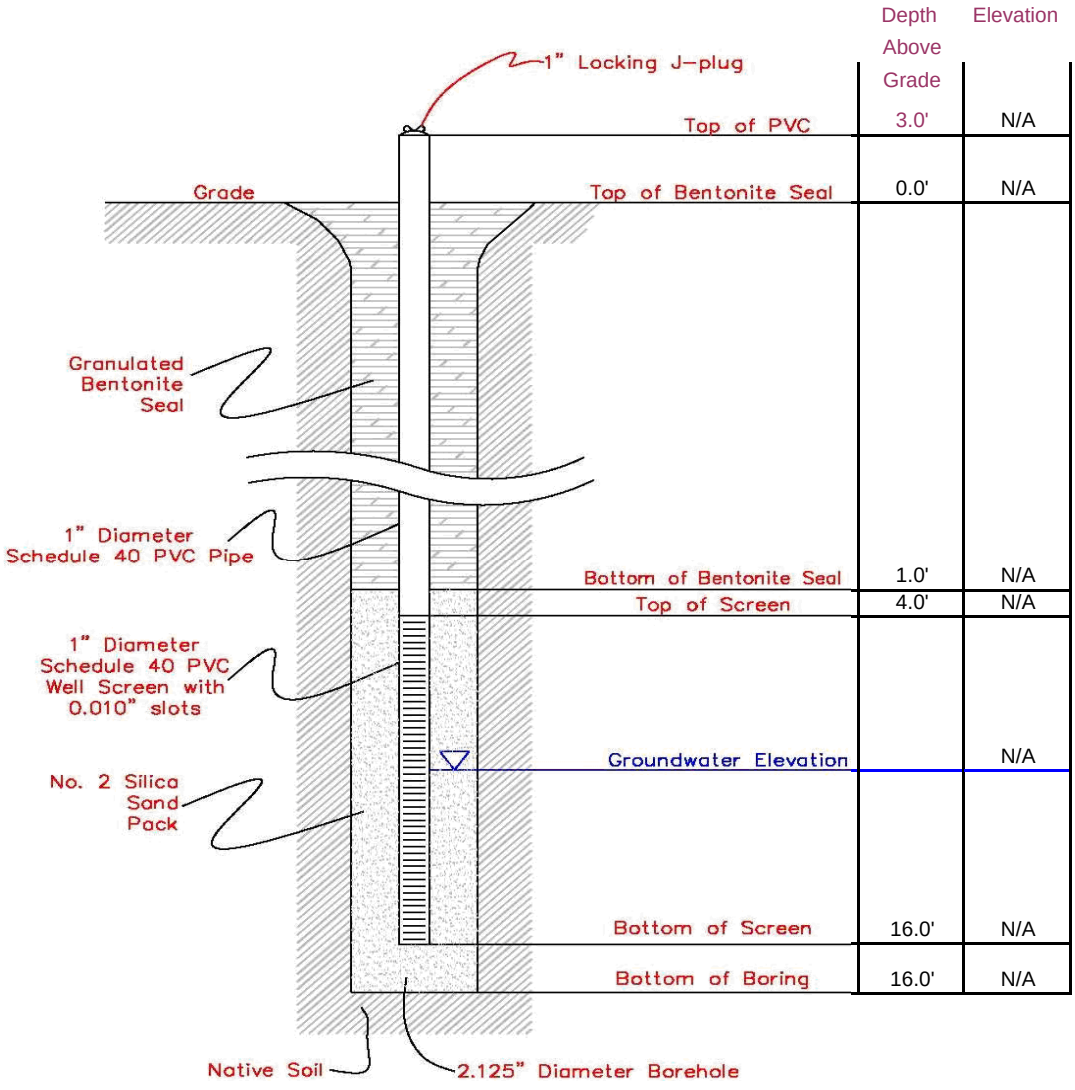
NYSDEC Spill No.: 88-09026

Project: Matt/Grace Petroleum - Leland Ave.

Utica, New York

Install Date: June 2, 2009

Monitoring Well No.: MW-1



	Depth Above Grade	Elevation
Top of PVC	3.0'	N/A
Top of Bentonite Seal	0.0'	N/A
Bottom of Bentonite Seal	1.0'	N/A
Top of Screen	4.0'	N/A
Groundwater Elevation		N/A
Bottom of Screen	16.0'	N/A
Bottom of Boring	16.0'	N/A

Drawing Not To Scale

OP-TECH Environmental Services, Inc.

150 Rotterdam Industrial Park, Schenectady, N.Y. 12306; Tel (518) 355-0197 / Fax (518) 355-3256

Client: NYS DEC Region 6 **Project No.:** AD6-00467

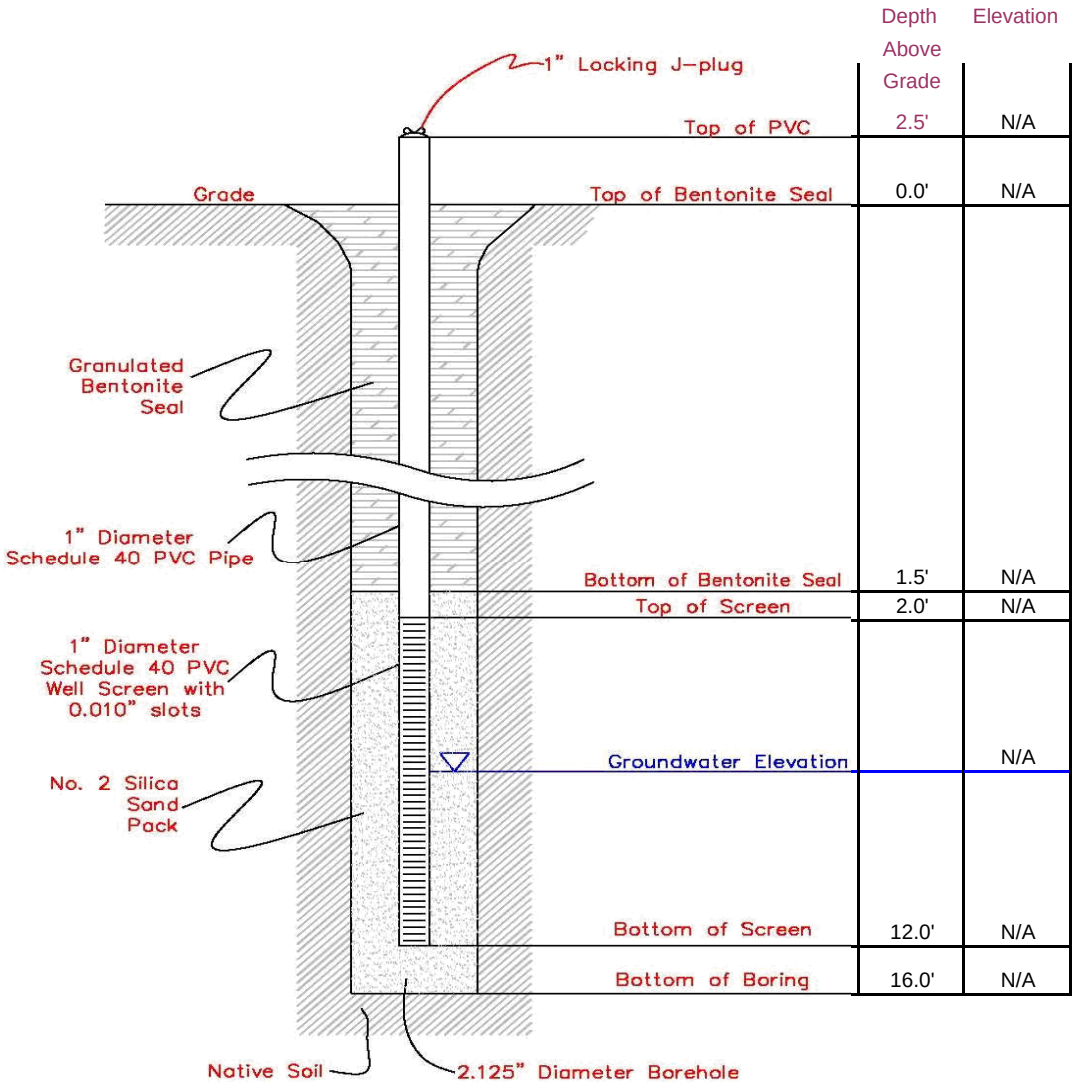
NYSDEC Spill No.: 88-09026

Project: Matt/Grace Petroleum - Leland Ave.

Utica, New York

Install Date: June 2, 2009

Monitoring Well No.: MW-2



Drawing Not To Scale

OP-TECH Environmental Services, Inc.

150 Rotterdam Industrial Park, Schenectady, N.Y. 12306; Tel (518) 355-0197 / Fax (518) 355-3256

Client: NYS DEC Region 6 **Project No.:** AD6-00467

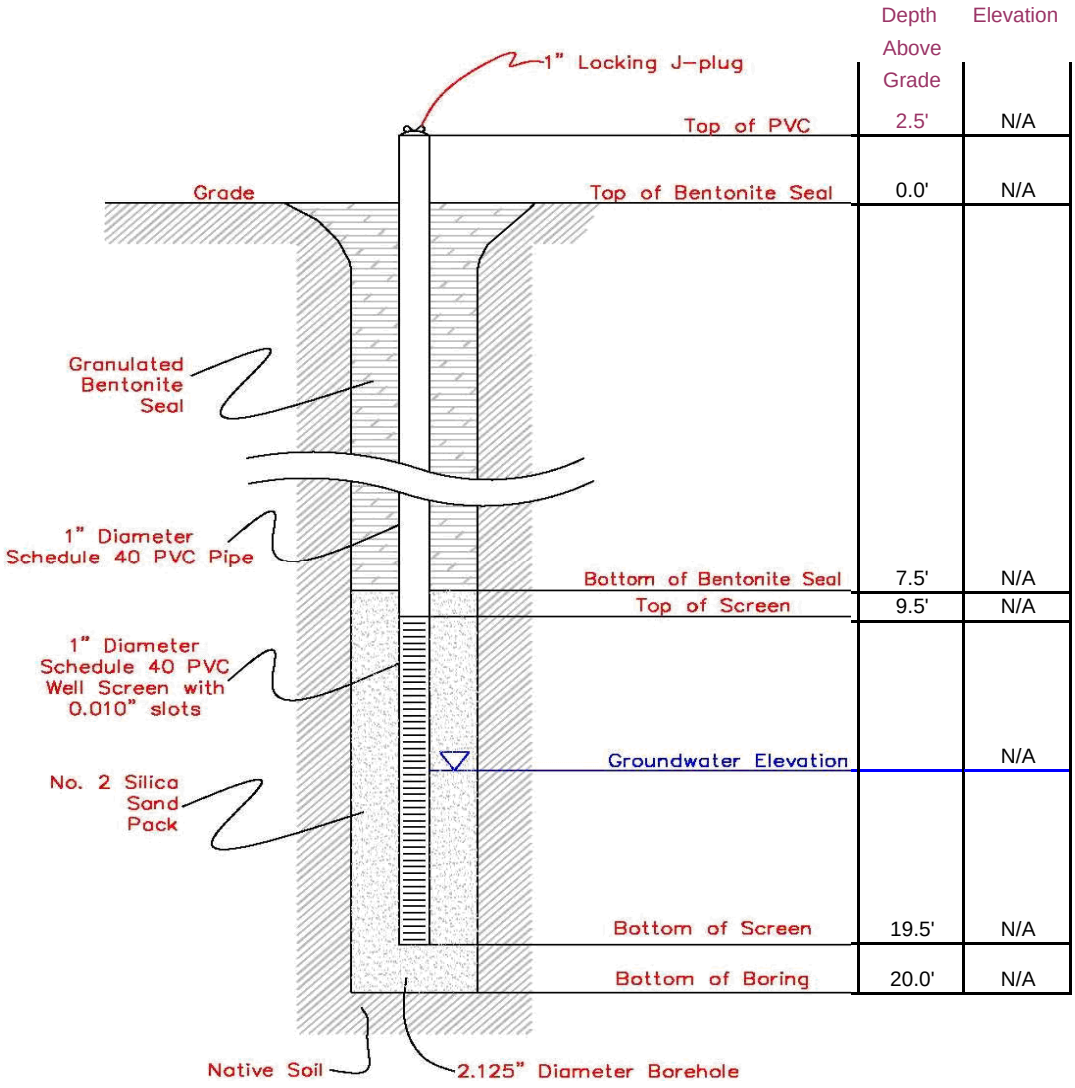
NYSDEC Spill No.: 88-09026

Project: Matt/Grace Petroleum - Leland Ave.

Utica, New York

Install Date: June 2, 2009

Monitoring Well No.: MW-5



	Depth Above Grade	Elevation
Top of PVC	2.5'	N/A
Top of Bentonite Seal	0.0'	N/A
Bottom of Bentonite Seal	7.5'	N/A
Top of Screen	9.5'	N/A
Groundwater Elevation		N/A
Bottom of Screen	19.5'	N/A
Bottom of Boring	20.0'	N/A

Drawing Not To Scale

OP-TECH Environmental Services, Inc.

150 Rotterdam Industrial Park, Schenectady, N.Y. 12306; Tel (518) 355-0197 / Fax (518) 355-3256

Client: NYS DEC Region 6 **Project No.:** AD6-00467

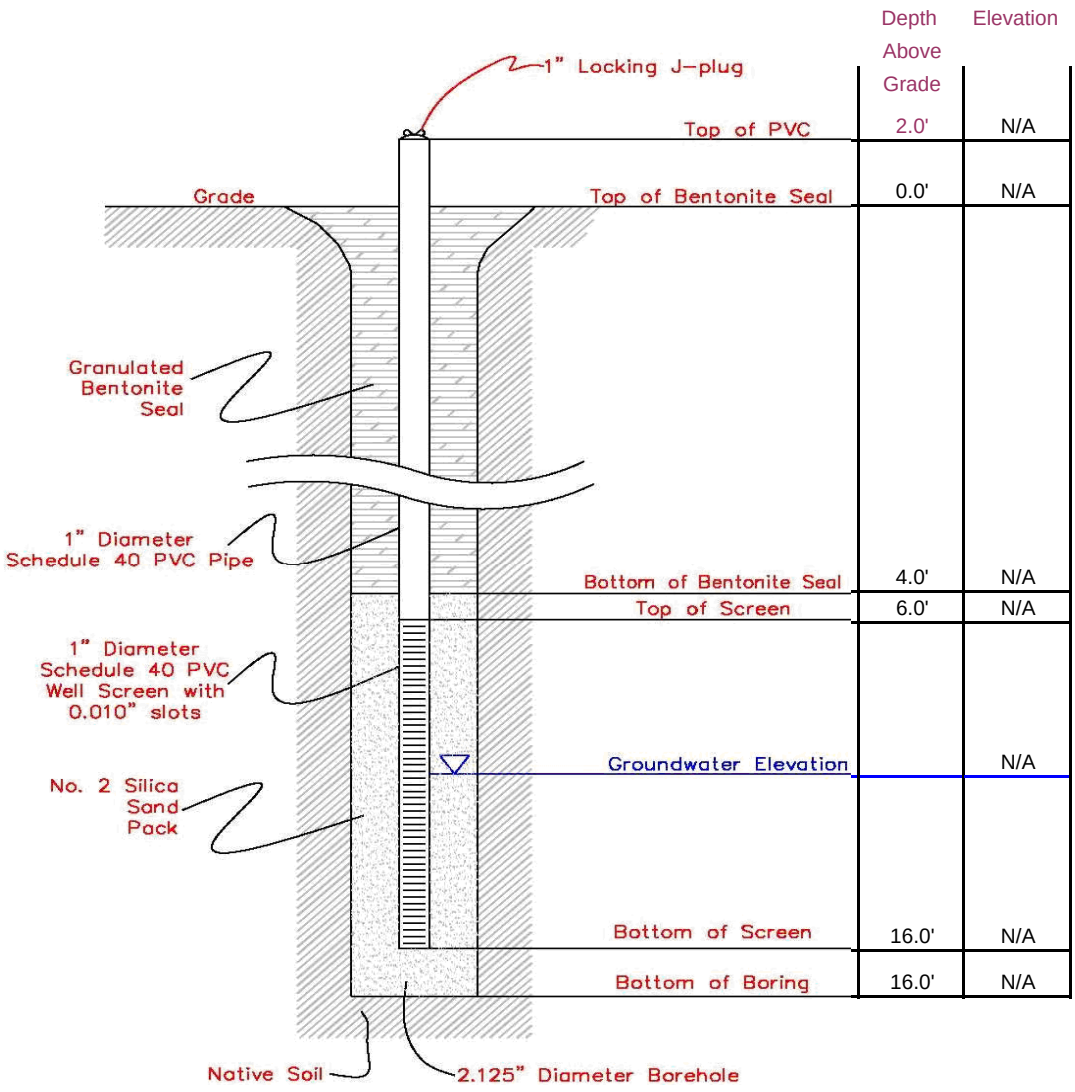
NYSDEC Spill No.: 88-09026

Project: Matt/Grace Petroleum - Leland Ave.

Utica, New York

Install Date: June 3, 2009

Monitoring Well No.: MW-9



	Depth Above Grade	Elevation
Top of PVC	2.0'	N/A
Top of Bentonite Seal	0.0'	N/A
Bottom of Bentonite Seal	4.0'	N/A
Top of Screen	6.0'	N/A
Groundwater Elevation		N/A
Bottom of Screen	16.0'	N/A
Bottom of Boring	16.0'	N/A

Drawing Not To Scale

OP-TECH Environmental Services, Inc.

150 Rotterdam Industrial Park, Schenectady, N.Y. 12306; Tel (518) 355-0197 / Fax (518) 355-3256

Client: NYS DEC Region 6 **Project No.:** AD6-00467

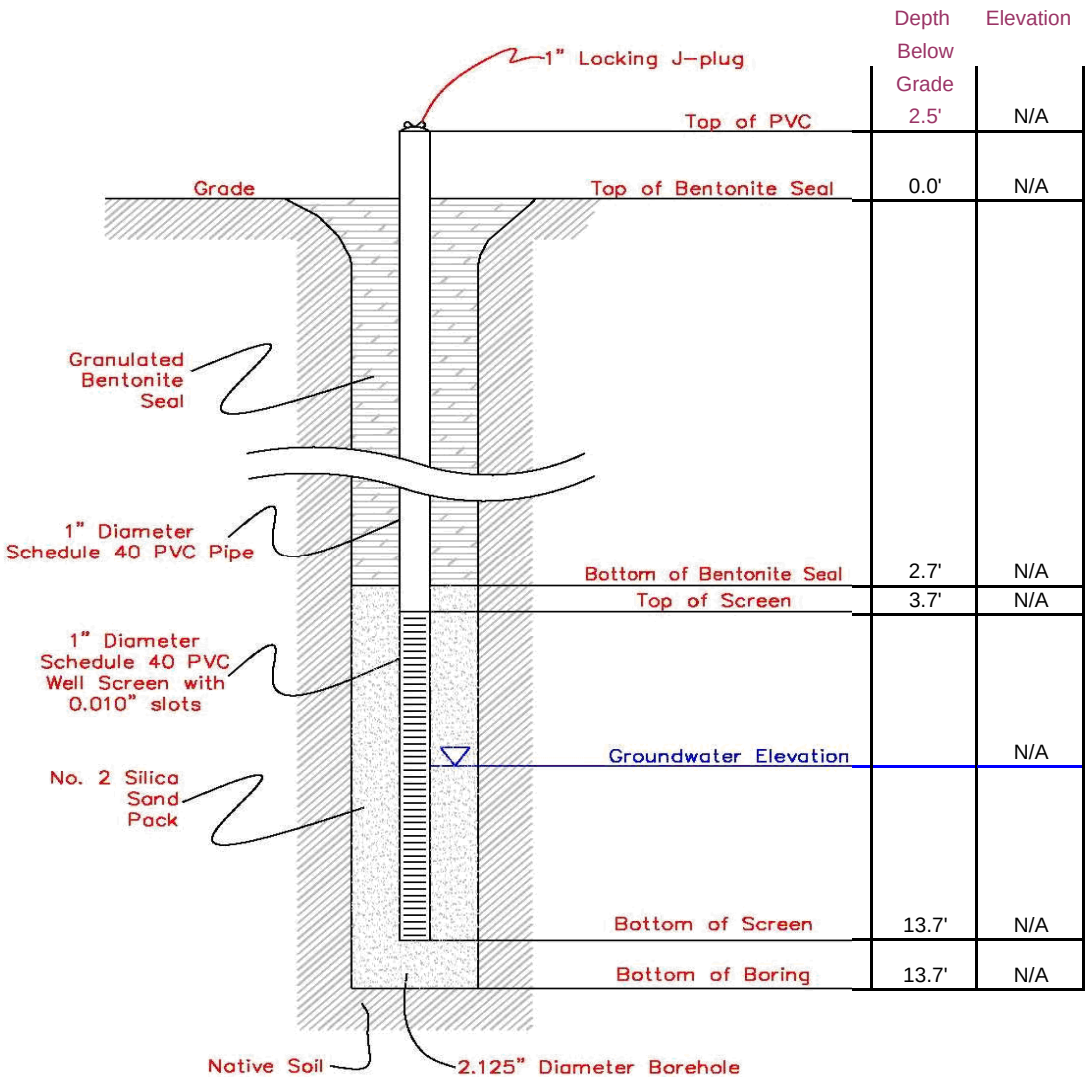
NYSDEC Spill No.: 88-09026

Project: Matt/Grace Petroleum - Leland Ave.

Utica, New York

Install Date: June 3, 2009

Monitoring Well No.: MW-11



	Depth Below Grade	Elevation
Top of PVC	2.5'	N/A
Top of Bentonite Seal	0.0'	N/A
Bottom of Bentonite Seal	2.7'	N/A
Top of Screen	3.7'	N/A
Groundwater Elevation		N/A
Bottom of Screen	13.7'	N/A
Bottom of Boring	13.7'	N/A

Drawing Not To Scale

OP-TECH Environmental Services, Inc.

150 Rotterdam Industrial Park, Schenectady, N.Y. 12306; Tel (518) 355-0197 / Fax (518) 355-3256

Client: NYS DEC Region 6 **Project No.:** AD6-00467

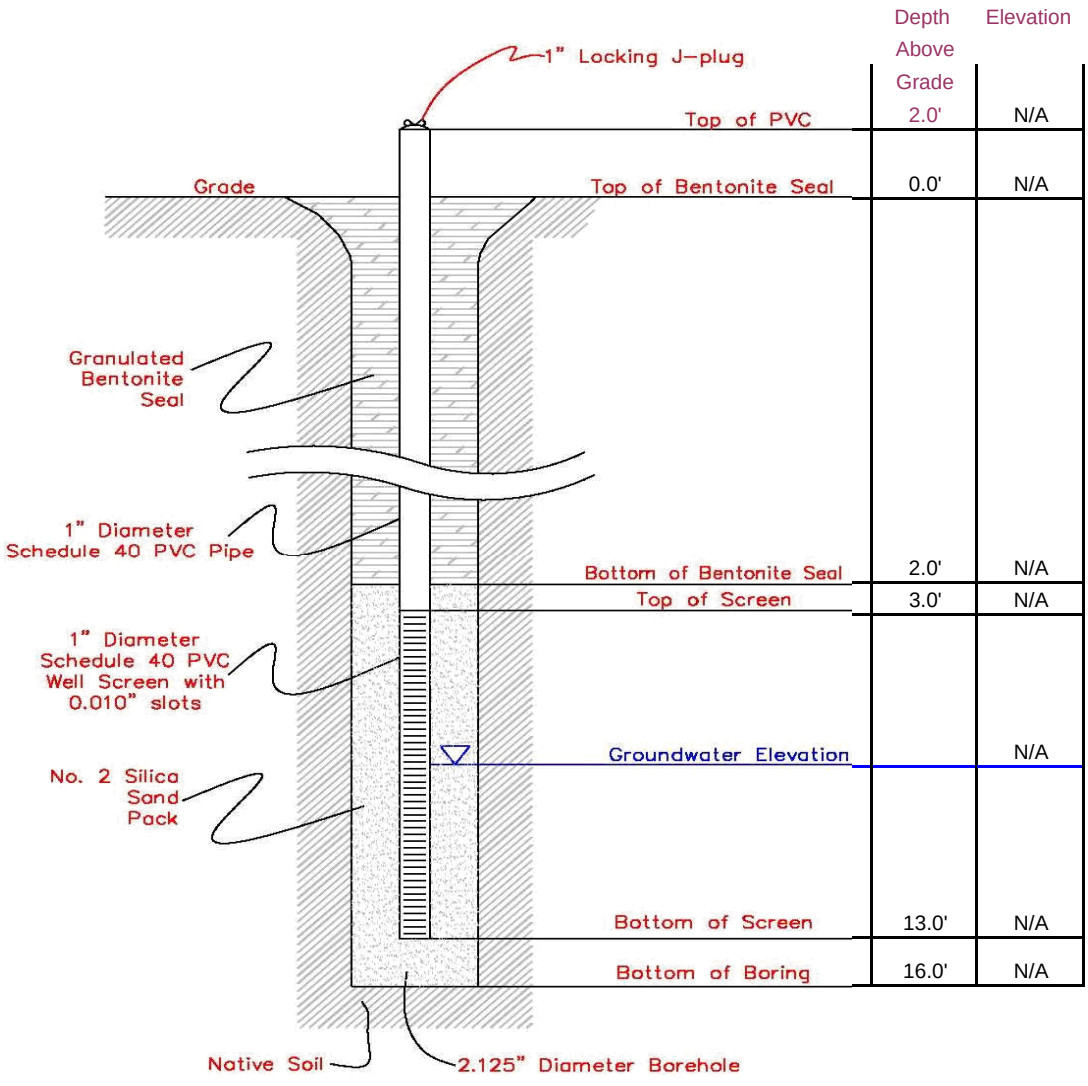
NYSDEC Spill No.: 88-09026

Project: Matt/Grace Petroleum - Leland Ave.

Utica, New York

Install Date: June 3, 2009

Monitoring Well No.: MW-12



	Depth Above Grade	Elevation
Top of PVC	2.0'	N/A
Top of Bentonite Seal	0.0'	N/A
Bottom of Bentonite Seal	2.0'	N/A
Top of Screen	3.0'	N/A
Groundwater Elevation		N/A
Bottom of Screen	13.0'	N/A
Bottom of Boring	16.0'	N/A

Drawing Not To Scale

EXHIBIT E

ANALYTICAL DATA SUMMARY TABLES

FORMER MATT/GRACE PETROLEUM BULK STORAGE TERMINAL

UTICA, NEW YORK

NYSDEC Spill No.: 88-09026

SOIL LABORATORY ANALYTICAL RESULTS DATA SUMMARY TABLE (STARS 8260 and 8270 B/N)

PARAMETER	Sample ID									
	SB-1 (6-8 fbg)	SB-2 (4-6 fbg)	SB-3 (4-6 fbg)	SB-4 (8-10 fbg)	SB-5 (4-6 fbg)	SB-6 (6-8 fbg)	SB-11 (10-12 fbg)	SB-12 (4-6 fbg)	SB-14 (10-12 fbg)	**RSCO (ppm)**
MTBE	ND	ND	ND	ND	ND	ND	ND	ND	ND	**100**
Benzene	ND	ND	ND	62	ND	ND	ND	ND	ND	**60**
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**
Ethylbenzene	ND	**20,000**	ND	200	ND	ND	**9,000**	58	ND	**5,500**
m/p-Xylene	ND	**45,000**	**10,000**	180	**4,900**	**4,800**	**5,200**	20	ND	**1,500**
o-Xylene	ND	**8,100**	ND	20	ND	ND	ND	3	ND	**1,200**
Isopropylbenzene	ND	**12,000**	**9,000**	660	**4,300**	**4,100**	**6,900**	33	**5,500**	**2,300**
n-Propylbenzene	ND	**16,000**	**7,000**	1,400	3,000	ND	**7,400**	ND	**5,100**	**3,700**
1,3,5-Trimethylbenzene	ND	**26,000**	ND	1,100	ND	3,000	**4,800**	53	**4,000**	**3,300**
tert-Butylbenzene	ND	8,700	ND	ND	ND	ND	ND	ND	ND	**10,000**
1,2,4-Trimethylbenzene	ND	**55,000**	5,000	420	2,000	2,000	2,000	11	2,000	**10,000**
sec-Butylbenzene	ND	10,000	7,000	850	4,000	3,000	4,700	18	4,600	**10,000**
4-Isopropyltoluene	ND	**11,000**	ND	1,500	ND	ND	5,800	ND	4,600	**10,000**
n-Butylbenzene	ND	**13,000**	8,800	2,300	4,100	3,000	5,700	32	4,800	**10,000**
Naphthalene	ND	**20,000**	11,000	ND	ND	ND	5,500	ND	ND	**13,000**
TOTAL VOCS	ND	**244,800**	**57,800**	**8,692**	**22,300**	**19,900**	**57,000**	**228**	**30,600**	**10,000**
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**50,000**
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	**50,000**
Fluorene	ND	ND	ND	ND	ND	500	ND	ND	ND	**50,000**
Phenanthrene	ND	ND	1,200	70	ND	300	830	ND	ND	**50,000**
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**50,000**
Fluoranthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**50,000**
Pyrene	ND	ND	80	ND	ND	200	100	ND	ND	**50,000**
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**224 or MDL**
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**400**
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**224 or MDL**
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**224 or MDL**
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**50,000**
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3,200**
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**61 or MDL**
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**50,000**
TOTAL SVOCS	ND	ND	1,280	70	ND	1,000	930	ND	ND	**50,000**

RSCO = Recommended Soil Cleanup Objective for Contaminated Soil.

Bold = Laboratory analytical results above the acceptable RSCO.

Italics = detection limits above the acceptable RSCO.

All results are in ug/kg or ppb (parts per billion)

ND = None Detected

NV - No Value

FORMER MATT/GRACE PETROLEUM BULK STORAGE TERMINAL
UTICA, NEW YORK
NYSDEC Spill No.: 88-09026
SEDIMENT LABORATORY ANALYTICAL RESULTS DATA SUMMARY TABLE (STARS 8260 and 8270 B/N) Page 1 of 2

PARAMETER	Sample ID									SCC (ppm)
	WB-1 Shoreline	WB-2 Shoreline	WB-3 Shoreline	WB-4 Shoreline	WB-5 Shoreline	WB-6 Shoreline	WB-7 Shoreline	WB-8 Shoreline	WB-9 Shoreline	
Anthracene	ND	ND	ND	ND	ND	ND	ND	0.07	ND	**HHB - NV** **BLAT - 986,000** **BLCT - 107,000**
Fluoranthene	0.09	ND	0.10	ND	0.60	ND	0.10	0.60	0.30	**HHB - NV** **BLAT - NV** **BLCT - 120,000**
Pyrene	0.10	0.80	0.10	ND	0.07	0.06	0.30	0.71	0.40	**HHB - NV** **BLAT - 8,775,000** **BLCT - 961,000**
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	0.20	0.30	0.30	**HHB - 1,300** **BLAT - 94,000** **BLCT - 12,000**
Chrysene	ND	ND	ND	ND	ND	ND	0.30	0.40	0.40	**HHB - 1,300** **BLAT - NV** **BLCT - NV**
Benzo(b)fluoranthene	0.10	ND	0.10	ND	ND	ND	0.30	0.30	0.60	**HHB - 1,300** **BLAT - NV** **BLCT - NV**
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	0.09	0.10	0.20	**HHB - 1,300** **BLAT - NV** **BLCT - NV**
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	0.30	0.30	0.40	**HHB - 1,300** **BLAT - NV** **BLCT - NV**
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	0.20	0.10	0.30	**HHB - 1,300** **BLAT - NV** **BLCT - NV**
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	ND	0.09	0.07	0.20	**HHB - NV** **BLAT - NV** **BLCT - NV**
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	0.60	ND	ND	**HHB - NV** **BLAT - NV** **BLCT - NV**
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	0.70	ND	ND	**HHB - NV** **BLAT - NV** **BLCT - NV**
Isopropylbenzene	ND	ND	ND	ND	ND	ND	0.92	ND	ND	**HHB - NV** **BLAT - NV** **BLCT - NV**
m/p-xylene	ND	ND	ND	ND	ND	ND	1.10	ND	ND	**HHB - NV** **BLAT - NV** **BLCT - NV**
n-propylbenzene	ND	ND	ND	ND	ND	ND	0.70	ND	ND	**HHB - NV** **BLAT - NV** **BLCT - NV**
Naphthalene	ND	ND	ND	ND	ND	ND	1.40	ND	ND	**HHB - NV** **BLAT - NV** **BLCT - NV**

SCC = Sediement Cleanup Criteria
Bold = Laboratory analytical results above the acceptable SCG.

All results are in ug/g or ppm (parts per million)
ND = None Detected
NV - No Value

FORMER MATT/GRACE PETROLEUM BULK STORAGE TERMINAL
UTICA, NEW YORK
NYSDEC Spill No.: 88-09026
SEDIMENT LABORATORY ANALYTICAL RESULTS DATA SUMMARY TABLE (STARS 8260 and 8270 B/N) Page 2 of 2

PARAMETER	Sample ID										SCC (ppm)
	WB-10 Shoreline	WB-11 Shoreline	WB-12 Shoreline	WB-13 Shoreline	WB-14 Shoreline	WB-15 Shoreline	WB-16 Shoreline	WB-17 Shoreline	WB-18 Shoreline	WB-19 Shoreline	
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**HHB - NV BLAT - 986,000 BLCT - 107,000**
Fluorene	ND	0.96	ND	ND	ND	ND	ND	ND	ND	ND	**HHB - NV BLAT - NV BLCT - NV**
Phenanthrene	ND	ND	0.10	0.09	ND	ND	ND	ND	0.20	ND	**HHB - NV BLAT - NV BLCT - NV**
Fluoranthene	ND	3.10	0.30	0.20	ND	ND	ND	ND	ND	ND	**HHB - NV BLAT - NV BLCT - 120,000**
Pyrene	ND	0.72	0.30	0.20	0.10	ND	ND	ND	ND	ND	**HHB - NV BLAT - 8,775,000 BLCT - 961,000**
Benzo(a)anthracene	ND	0.20	0.20	0.10	ND	ND	ND	ND	ND	ND	**HHB - 1,300 BLAT - 94,000 BLCT - 12,000**
Chrysene	ND	0.20	0.20	0.10	0.06	ND	ND	ND	ND	ND	**HHB - 1,300 BLAT - NV BLCT - NV**
Benzo(b)fluoranthene	ND	0.30	0.20	0.20	0.09	ND	ND	ND	ND	ND	**HHB - 1,300 BLAT - NV BLCT - NV**
Benzo(k)fluoranthene	ND	0.10	0.09	ND	ND	ND	ND	ND	ND	ND	**HHB - 1,300 BLAT - NV BLCT - NV**
Benzo(a)pyrene	ND	ND	0.20	0.10	0.10	ND	ND	ND	ND	ND	**HHB - 1,300 BLAT - NV BLCT - NV**
Indeno(1,2,3-cd)pyrene	ND	ND	0.10	0.10	0.10	ND	ND	ND	ND	ND	**HHB - 1,300 BLAT - NV BLCT - NV**
Benzo(g,h,i)perylene	ND	ND	0.07	ND	0.10	ND	ND	ND	ND	ND	**HHB - NV BLAT - NV BLCT - NV**
1,2,4-Trimethylbenzene	ND	6.00	ND	ND	ND	ND	1.00	ND	ND	ND	**HHB - NV BLAT - NV BLCT - NV**
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	0.80	ND	ND	ND	**HHB - NV BLAT - NV BLCT - NV**
Isopropylbenzene	ND	12.00	ND	ND	ND	ND	ND	ND	ND	ND	**HHB - NV BLAT - NV BLCT - NV**
m/p-xylene	ND	ND	ND	ND	ND	ND	1.20	ND	ND	ND	**HHB - NV BLAT - NV BLCT - NV**
n-butylbenzene	ND	14.00	ND	ND	ND	ND	ND	ND	ND	ND	**HHB - NV BLAT - NV BLCT - NV**
n-propylbenzene	ND	11.00	ND	ND	ND	ND	0.67	ND	ND	ND	**HHB - NV BLAT - NV BLCT - NV**
Naphthalene	ND	ND	ND	ND	ND	ND	1.30	ND	0.41	ND	**HHB - NV BLAT - NV BLCT - NV**
sec-butylbenzene	ND	11.00	ND	ND	ND	ND	ND	ND	ND	ND	**HHB - NV BLAT - NV BLCT - NV**
tert-butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**HHB - NV BLAT - NV BLCT - NV**

SCC = Sediement Cleanup Criteria
Bold = Laboratory analytical results above the acceptable SCG.

All results are in ug/g or ppm (parts per million)
ND = None Detected
NV - No Value

FORMER MATT/GRACE PETROLEUM BULK STORAGE TERMINAL

UTICA, NEW YORK

NYSDEC Spill No.: 88-09026

GROUNDWATER LABORATORY ANALYTICAL RESULTS DATA SUMMARY TABLE (EPA Method 8260) Page 1 of 1

PARAMETER	Sample ID								TOGS 1.1.1
	MW-1	MW-2	MW-9	MW-10	MW-11	PMW-3	PMW-6	PMW-7	
1,1,1,2-tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	**5**
1,1,1-trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	**5**
1,1,2,2-tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	**5**
1,1,2-trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	**1**
1,1-dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	**5**
1,1-dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	**0.07**
1,1-dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	**5**
1,2,3-trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	**5**
1,2,3-trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	**5**
1,2,4-trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	**5**
1,2,4-trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	**5**
1,2-dibromo-3-chloropropane	ND	ND	ND	ND	ND	ND	ND	ND	**5**
1,2-dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	**5**
1,2-dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	**0.6**
1,2-dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	**0.6**
1,2-dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	**0.6**
1,3,5-trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	**5**
1,3-dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	**3**
1,3-dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	**5**
1,4-dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	**3**
2,2-dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	**5**
2-butanone	14	ND	ND	ND	ND	ND	ND	ND	**5**
2-chlorotoluene	ND	ND	ND	ND	ND	ND	ND	ND	**5**
2-hexanone	ND	ND	ND	ND	ND	ND	ND	ND	**50**
4-chlorotoluene	ND	ND	ND	ND	ND	ND	ND	ND	**5**
4-isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	**5**
4-methyl-2-pentanone	ND	ND	ND	ND	ND	ND	ND	ND	**3**
acetone	13	ND	ND	ND	ND	ND	ND	ND	**50**
acrylonitrile	ND	ND	ND	ND	ND	ND	ND	ND	**5**
benzene	2	ND	ND	ND	ND	**3.9**	ND	ND	**0.7**
bromobenzene	ND	ND	ND	ND	ND	ND	ND	ND	**5**
bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	**5**
bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	**5**
bromoform	ND	ND	ND	ND	ND	ND	ND	ND	**50**
bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	**5**
carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	**5**
carbon tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	**5**
chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	**5**
chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	**5**
chloroform	ND	ND	ND	ND	ND	ND	ND	ND	**5**
chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	**5**
cis-1,2-dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	**5**
cis-1,3-dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	**5**
dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	**50**
dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	**50***
dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	**5**
ethylbenzene	14	**1000**	**11**	**1400**	ND	**29**	ND	ND	**5**
hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	**0.5**
iodomethane	ND	ND	ND	ND	ND	ND	ND	ND	**--**
isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	**5**
methylene chloride	ND	ND	ND	ND	ND	ND	ND	ND	**5**
mtbe	ND	ND	ND	ND	ND	ND	ND	ND	**10**
naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	**10**
n-butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	**5**
n-propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	**5**
sec-butlybenzene	ND	ND	ND	ND	ND	ND	ND	ND	**5**
styrene	ND	ND	ND	ND	ND	ND	ND	ND	**5**
t-butyl alcohol	ND	ND	ND	ND	ND	ND	ND	ND	**50**
tert-butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	**5**
tetrachlorethene (Perc)	ND	ND	ND	ND	ND	ND	ND	ND	**5**
toluene	ND	ND	ND	ND	ND	4.1	ND	ND	**5**
trans-1,2-dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	**5**
trans-1,3-dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	**0.4**
trans-1,4-dichloro-2-butene	ND	ND	ND	ND	ND	ND	ND	ND	**--**
trichloroethene (TCE)	ND	ND	ND	ND	ND	ND	ND	ND	**5**
trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	**5**
vinyl acetate	ND	ND	ND	ND	ND	ND	ND	ND	**--**
vinyl chloride	ND	ND	ND	ND	ND	ND	ND	ND	**2**
m/p-xylene	ND	**690**	2	**200**	ND	3	ND	ND	**5**
o-xylene	ND	ND	ND	ND	ND	3.2	ND	ND	**5**
TOTAL VOCS	43	1690	13	1600	ND	43.2	ND	ND	

TOGS = Technical and Operations Guidance Series

Bold = Laboratory analytical results above the acceptable TOGS.

All results are in ug/kg or ppb (parts per billion)

ND = No Parameters Detected Above The Method Detection L

* = Guidance Value Obtained From TOGS 1.1.1 or TAGM 40

FORMER MATT/GRACE PETROLEUM BULK STORAGE TERMINAL
UTICA, NEW YORK
NYSDEC Spill No.: 88-09026
GROUNDWATER LABORATORY ANALYTICAL RESULTS DATA SUMMARY TABLE (EPA Method 8270 A/B/N)

PARAMETER	Sample ID								TOGS 1.1.1
	MW-1	MW-2	MW-9	MW-10	MW-11	PMW-3	PMW-6	PMW-7	
1,2,4-trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	**5**
1,2-dicholorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	**0.6**
1,2-diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	**--**
1,3-dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	**3**
1,4-dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	**3**
2,4,5-trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	**1***
2,4,6-trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	**--**
2,4-dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	**5**
2,4-dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	**50**
2,4-dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	**10**
2,4-dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	**5**
2,6-dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	**5**
2-chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	**10**
2-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	**50***
2-methyl-4,6-dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	**--**
2-methylnaphthalene	ND	**950**	ND	ND	ND	ND	ND	ND	**50***
2-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	**5***
2-nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	**5**
2-nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	**5***
3,3-dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	**5**
3+4-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	**--**
3-nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	**5**
4-bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	**--**
4-chloro-3-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	**5***
4-chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	**5**
4-chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	**--**
4-nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	**5**
4-nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	**5***
acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	**20**
acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	**20***
aniline	ND	ND	ND	ND	ND	ND	ND	ND	**5**
anthracene	ND	ND	ND	ND	ND	ND	ND	ND	**50**
benzidine	ND	ND	ND	ND	ND	ND	ND	ND	**5**
benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	**0.002**
benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	**0.002**
benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	**0.002**
benzo(g,h,i)perylene	ND	ND	ND	ND	ND	ND	ND	ND	**5***
benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	**0.002**
benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	**--**
benzyl alcohol	ND	ND	ND	ND	ND	ND	ND	ND	**--**
bis(2-chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	**5**
bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	**1.0**
bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	**--**
bis(2-ethylhexyl) phthalate	4	ND	5	ND	**6.6**	4	**18**	**6.4**	**5**
butly benzyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	**--**
chrysene	ND	ND	ND	ND	ND	ND	ND	ND	**0.002**
dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	**50***
dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	**5***
diethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	**50**
dimethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	**50**
di-n-butyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	**--**
di-n-octyl phthalate	ND	ND	ND	ND	ND	ND	ND	2	**--**
fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	**50**
fluorene	ND	ND	ND	ND	ND	ND	ND	ND	**50**
hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	**0.04**
hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	**0.5**
hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	**5**
hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	**5**
indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	**0.002**
isophorone	ND	ND	ND	ND	ND	ND	ND	ND	**50**
naphthalene	ND	**980**	ND	ND	ND	2	ND	ND	**10**
nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	**0.4**
n-nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	**--**
n-nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	**50***
n-nitrosodipropylamine	ND	ND	ND	ND	ND	ND	ND	ND	**--**
pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	**1 (total phenols)**
phenanthrene	ND	ND	ND	**740**	ND	ND	ND	ND	**50**
phenol	ND	ND	ND	ND	ND	ND	ND	ND	**1 (total phenols)**
pyrene	ND	ND	ND	ND	ND	ND	ND	ND	**50**
pyridine	ND	ND	ND	ND	ND	ND	ND	ND	**50**
TOTAL SVOCS	4.0	1930	5.0	740	6.6	6.0	18	8.4	**100.0**

TOGS = Technical and Operations Guidance Series

Bold = Laboratory analytical results above the acceptable TOGS.

All results are in ug/kg or ppb (parts per billion)

ND = No Parameters Detected Above The Method Detection Limit

* = Guidance Value Obtained From TOGS 1.1.1 or TAGM 4046

FORMER MATT/GRACE PETROLEUM BULK STORAGE TERMINAL

UTICA, NEW YORK

NYSDEC Spill No.: 88-09026

SURFACE WATER LABORATORY ANALYTICAL RESULTS DATA SUMMARY TABLE (STARS 8260 and 8270 B/N) Page 1 of 2

PARAMETER	Sample ID										TOGS 1.1.1
	WB-1 Shoreline	WB-2 Shoreline	WB-3 Shoreline	WB-4 Shoreline	WB-5 Shoreline	WB-6 Shoreline	WB-7 Shoreline	WB-8 Shoreline	WB-9 Shoreline	WB-10 Shoreline	
MTBE	ND	ND	ND	ND	ND	ND	ND	4.3	ND	ND	50
Benzene	ND	ND	ND	ND	ND	**1**	ND	ND	ND	ND	0.7
Toluene	ND	ND	ND	ND	ND	**6.5**	ND	ND	**5.7**	ND	5
Ethylbenzene	ND	**10**	ND	ND	ND	3.8	ND	ND	ND	ND	5
m/p-Xylene	ND	**18**	ND	ND	ND	**6.3**	ND	ND	ND	ND	5
o-Xylene	ND	**10**	ND	ND	ND	3.7	ND	ND	ND	ND	5
Isopropylbenzene	ND	**16**	ND	ND	4	ND	ND	3.3	ND	ND	5
n-Propylbenzene	ND	**10**	ND	**40**	2	ND	ND	ND	ND	ND	5
1,3,5-Trimethylbenzene	ND	**10**	ND	ND	ND	ND	ND	ND	ND	ND	5
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
1,2,4-Trimethylbenzene	ND	**9**	ND	ND	ND	3	ND	ND	ND	ND	5
sec-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	3.0	ND	ND	5
4-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	3.1	ND	ND	5
Naphthalene	ND	**21**	ND	ND	ND	ND	ND	4.3	ND	ND	10
TOTAL VOCS	ND	94	ND	40	6	24.3	ND	18	5.7	ND	100
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	20
Fluorene	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	50
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Fluoranthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	50
Pyrene	ND	2	ND	1	ND	ND	ND	ND	ND	2	50
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1**	0.002
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1**	0.002
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	5
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
TOTAL SVOCS	ND	2	ND	1	ND	ND	ND	6	ND	8	100

TOGS 1.1.1 = Technical and Operations Guidance Series

Bold = Laboratory analytical results above the acceptable RSCO.

Italics = detection limits above the acceptable RSCO.

All results are in ug/kg or ppb (parts per billion)

ND = None Detected

FORMER MATT/GRACE PETROLEUM BULK STORAGE TERMINAL

UTICA, NEW YORK

NYSDEC Spill No.: 88-09026

SURFACE WATER LABORATORY ANALYTICAL RESULTS DATA SUMMARY TABLE (STARS 8260 and 8270 B/N) Page 2 of 2

PARAMETER	Sample ID									TOGS 1.1.1
	WB-11 Shoreline	WB-12 Shoreline	WB-13 Shoreline	WB-14 Shoreline	WB-15 Shoreline	WB-16 Shoreline	WB-17 Shoreline	WB-18 Shoreline	WB-19 Shoreline	
MTBE	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Benzene	**72**	ND	ND	ND	ND	ND	ND	ND	ND	0.7
Toluene	ND	ND	ND	ND	3	ND	ND	ND	3	5
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
m/p-Xylene	**84**	ND	ND	ND	ND	ND	ND	ND	ND	5
o-Xylene	**60**	ND	ND	ND	ND	ND	ND	ND	ND	5
Isopropylbenzene	**91**	ND	ND	ND	ND	ND	ND	ND	**5.1**	5
n-Propylbenzene	**85**	ND	ND	ND	ND	ND	ND	ND	ND	5
1,3,5-Trimethylbenzene	**50**	ND	ND	ND	ND	ND	ND	ND	ND	5
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
1,2,4-Trimethylbenzene	**40**	ND	ND	ND	ND	ND	ND	ND	ND	5
sec-Butylbenzene	**70**	ND	ND	ND	ND	ND	ND	ND	ND	5
4-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
n-Butylbenzene	**92**	ND	ND	ND	ND	ND	ND	ND	ND	5
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
TOTAL VOCS	**644**	ND	ND	ND	3	ND	ND	ND	8.1	100
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Phenanthrene	**200**	ND	ND	ND	ND	ND	ND	ND	ND	50
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Fluoranthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
TOTAL SVOCS	**200**	ND	ND	ND	ND	ND	ND	ND	ND	100

TOGS 1.1.1 = Technical and Operations Guidance Series

Bold = Laboratory analytical results above the acceptable RSCO.

Italics = detection limits above the acceptable RSCO.

All results are in ug/kg or ppb (parts per billion)

ND = None Detected

EXHIBIT F

LABORATORY ANALYSIS REPORTS WITH ASSOCIATED CHAIN OF CUSTODY INFORMATION

SOIL LABORATORY ANALYSIS REPORT

Upstate Laboratories, Inc.

Shipping: 6034 Corporate Dr. * E. Syracuse, NY 13057-1017 * (315) 437-0255 * Fax (315) 437-1209
Mailing: Box 169 * Syracuse, NY 13206
Albany (518) 459-3134 * Binghamton (607) 724-0478 * Buffalo (716) 972-0371
Rochester (866) 437-0255 * New Jersey (908) 247-4313

Mr. Peter Ouderkirk, P.E.
NYSDEC - Region 6
Dulles State Office Bldg.
317 Washington St.
Watertown, NY 13601

Monday, June 29, 2009

RE: Analytical Report: Order No.: U0906181
Matt/Grace Petroleum, Spill #88-09026

Dear Mr. Peter Ouderkirk, P.E.:

Upstate Laboratories, Inc. received 39 sample(s) on 6/9/2009 for the analyses presented in the following report.

All analytical results relate to the samples as received by the laboratory.

All analytical data conforms with standard approved methodologies and quality control. Our quality control narrative will be included should any anomalies occur.

We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your samples. Samples will be disposed of approximately one month from final report date.

Should you have any questions regarding these tests, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.
AJS (PFF)
Anthony J. Scala
President/CEO

CC:
Joseph Naselli, Op-Tech (Albany): copy report

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT:	NYSDEC - Region 6	**Client Sample ID:**	WB-1
Lab Order:	U0906181	**Collection Date:**	6/5/2009
Project:	Matt/Grace Petroleum, Spill #88-09026		
Lab ID:	U0906181-016	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3550A)**	Analyst: **LD**
Acenaphthene	ND	740		µg/Kg-dry	2.5	6/18/2009 2:14:00 PM
Fluorene	ND	740		µg/Kg-dry	2.5	6/18/2009 2:14:00 PM
Phenanthrene	ND	740		µg/Kg-dry	2.5	6/18/2009 2:14:00 PM
Anthracene	ND	740		µg/Kg-dry	2.5	6/18/2009 2:14:00 PM
Fluoranthene	90	740	J	µg/Kg-dry	2.5	6/18/2009 2:14:00 PM
Pyrene	100	740	J	µg/Kg-dry	2.5	6/18/2009 2:14:00 PM
Benz(a)anthracene	ND	740		µg/Kg-dry	2.5	6/18/2009 2:14:00 PM
Chrysene	ND	740		µg/Kg-dry	2.5	6/18/2009 2:14:00 PM
Benzo(b)fluoranthene	100	740	J	µg/Kg-dry	2.5	6/18/2009 2:14:00 PM
Benzo(k)fluoranthene	ND	740		µg/Kg-dry	2.5	6/18/2009 2:14:00 PM
Benzo(a)pyrene	ND	740		µg/Kg-dry	2.5	6/18/2009 2:14:00 PM
Dibenz(a,h)anthracene	ND	740		µg/Kg-dry	2.5	6/18/2009 2:14:00 PM
Benzo(g,h,i)perylene	ND	740		µg/Kg-dry	2.5	6/18/2009 2:14:00 PM
Indeno(1,2,3-cd)pyrene	ND	740		µg/Kg-dry	2.5	6/18/2009 2:14:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	5.4		µg/Kg-dry	1	6/10/2009 4:02:00 PM
1,3,5-Trimethylbenzene	ND	5.4		µg/Kg-dry	1	6/10/2009 4:02:00 PM
4-Isopropyltoluene	ND	5.4		µg/Kg-dry	1	6/10/2009 4:02:00 PM
Benzene	ND	5.4		µg/Kg-dry	1	6/10/2009 4:02:00 PM
Ethylbenzene	ND	5.4		µg/Kg-dry	1	6/10/2009 4:02:00 PM
Isopropylbenzene	ND	5.4		µg/Kg-dry	1	6/10/2009 4:02:00 PM
m,p-Xylene	ND	5.4		µg/Kg-dry	1	6/10/2009 4:02:00 PM
Methyl tert-butyl ether	ND	5.4		µg/Kg-dry	1	6/10/2009 4:02:00 PM
n-Butylbenzene	ND	5.4		µg/Kg-dry	1	6/10/2009 4:02:00 PM
n-Propylbenzene	ND	5.4		µg/Kg-dry	1	6/10/2009 4:02:00 PM
Naphthalene	ND	5.4		µg/Kg-dry	1	6/10/2009 4:02:00 PM
o-Xylene	ND	5.4		µg/Kg-dry	1	6/10/2009 4:02:00 PM
sec-Butylbenzene	ND	5.4		µg/Kg-dry	1	6/10/2009 4:02:00 PM
tert-Butylbenzene	ND	5.4		µg/Kg-dry	1	6/10/2009 4:02:00 PM
Toluene	ND	5.4		µg/Kg-dry	1	6/10/2009 4:02:00 PM
PERCENT MOISTURE				**D2216**		Analyst: **VAW**
Percent Moisture	44.2	0.00100		wt%	1	6/11/2009

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: WB-2
Lab Order: U0906181
Collection Date: 6/5/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906181-017
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3550A)**	Analyst: **LD**
Acenaphthene	ND	6500		µg/Kg-dry	25	6/19/2009 2:51:00 PM
Fluorene	ND	6500		µg/Kg-dry	25	6/19/2009 2:51:00 PM
Phenanthrene	ND	6500		µg/Kg-dry	25	6/19/2009 2:51:00 PM
Anthracene	ND	6500		µg/Kg-dry	25	6/19/2009 2:51:00 PM
Fluoranthene	ND	6500		µg/Kg-dry	25	6/19/2009 2:51:00 PM
Pyrene	800	6500	J	µg/Kg-dry	25	6/19/2009 2:51:00 PM
Benz(a)anthracene	ND	6500		µg/Kg-dry	25	6/19/2009 2:51:00 PM
Chrysene	ND	6500		µg/Kg-dry	25	6/19/2009 2:51:00 PM
Benzo(b)fluoranthene	ND	6500		µg/Kg-dry	25	6/19/2009 2:51:00 PM
Benzo(k)fluoranthene	ND	6500		µg/Kg-dry	25	6/19/2009 2:51:00 PM
Benzo(a)pyrene	ND	6500		µg/Kg-dry	25	6/19/2009 2:51:00 PM
Dibenz(a,h)anthracene	ND	6500		µg/Kg-dry	25	6/19/2009 2:51:00 PM
Benzo(g,h,i)perylene	ND	6500		µg/Kg-dry	25	6/19/2009 2:51:00 PM
Indeno(1,2,3-cd)pyrene	ND	6500		µg/Kg-dry	25	6/19/2009 2:51:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	4700		µg/Kg-dry	1000	6/11/2009 7:27:00 PM
1,3,5-Trimethylbenzene	ND	4700		µg/Kg-dry	1000	6/11/2009 7:27:00 PM
4-Isopropyltoluene	ND	4700		µg/Kg-dry	1000	6/11/2009 7:27:00 PM
Benzene	ND	4700		µg/Kg-dry	1000	6/11/2009 7:27:00 PM
Ethylbenzene	ND	4700		µg/Kg-dry	1000	6/11/2009 7:27:00 PM
Isopropylbenzene	ND	4700		µg/Kg-dry	1000	6/11/2009 7:27:00 PM
m,p-Xylene	ND	4700		µg/Kg-dry	1000	6/11/2009 7:27:00 PM
Methyl tert-butyl ether	ND	4700		µg/Kg-dry	1000	6/11/2009 7:27:00 PM
n-Butylbenzene	ND	4700		µg/Kg-dry	1000	6/11/2009 7:27:00 PM
n-Propylbenzene	ND	4700		µg/Kg-dry	1000	6/11/2009 7:27:00 PM
Naphthalene	ND	4700		µg/Kg-dry	1000	6/11/2009 7:27:00 PM
o-Xylene	ND	4700		µg/Kg-dry	1000	6/11/2009 7:27:00 PM
sec-Butylbenzene	ND	4700		µg/Kg-dry	1000	6/11/2009 7:27:00 PM
tert-Butylbenzene	ND	4700		µg/Kg-dry	1000	6/11/2009 7:27:00 PM
Toluene	ND	4700		µg/Kg-dry	1000	6/11/2009 7:27:00 PM

NOTES:
The reporting limits were raised due to matrix interference.
Petroleum hydrocarbon pattern detected.

PERCENT MOISTURE				**D2216**		Analyst: **VAW**
Percent Moisture	36.3	0.00100		wt%	1	6/11/2009

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT:	NYSDEC - Region 6	**Client Sample ID:**	WB-3
Lab Order:	U0906181	**Collection Date:**	6/5/2009
Project:	Matt/Grace Petroleum, Spill #88-09026		
Lab ID:	U0906181-018	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3550A)**	Analyst: **LD**
Acenaphthene	ND	760		µg/Kg-dry	2.5	6/18/2009 2:57:00 PM
Fluorene	ND	760		µg/Kg-dry	2.5	6/18/2009 2:57:00 PM
Phenanthrene	ND	760		µg/Kg-dry	2.5	6/18/2009 2:57:00 PM
Anthracene	ND	760		µg/Kg-dry	2.5	6/18/2009 2:57:00 PM
Fluoranthene	100	760	J	µg/Kg-dry	2.5	6/18/2009 2:57:00 PM
Pyrene	100	760	J	µg/Kg-dry	2.5	6/18/2009 2:57:00 PM
Benz(a)anthracene	ND	760		µg/Kg-dry	2.5	6/18/2009 2:57:00 PM
Chrysene	ND	760		µg/Kg-dry	2.5	6/18/2009 2:57:00 PM
Benzo(b)fluoranthene	100	760	J	µg/Kg-dry	2.5	6/18/2009 2:57:00 PM
Benzo(k)fluoranthene	ND	760		µg/Kg-dry	2.5	6/18/2009 2:57:00 PM
Benzo(a)pyrene	ND	760		µg/Kg-dry	2.5	6/18/2009 2:57:00 PM
Dibenz(a,h)anthracene	ND	760		µg/Kg-dry	2.5	6/18/2009 2:57:00 PM
Benzo(g,h,i)perylene	ND	760		µg/Kg-dry	2.5	6/18/2009 2:57:00 PM
Indeno(1,2,3-cd)pyrene	ND	760		µg/Kg-dry	2.5	6/18/2009 2:57:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	5.5		µg/Kg-dry	1	6/10/2009 4:54:00 PM
1,3,5-Trimethylbenzene	ND	5.5		µg/Kg-dry	1	6/10/2009 4:54:00 PM
4-Isopropyltoluene	ND	5.5		µg/Kg-dry	1	6/10/2009 4:54:00 PM
Benzene	ND	5.5		µg/Kg-dry	1	6/10/2009 4:54:00 PM
Ethylbenzene	ND	5.5		µg/Kg-dry	1	6/10/2009 4:54:00 PM
Isopropylbenzene	ND	5.5		µg/Kg-dry	1	6/10/2009 4:54:00 PM
m,p-Xylene	ND	5.5		µg/Kg-dry	1	6/10/2009 4:54:00 PM
Methyl tert-butyl ether	ND	5.5		µg/Kg-dry	1	6/10/2009 4:54:00 PM
n-Butylbenzene	ND	5.5		µg/Kg-dry	1	6/10/2009 4:54:00 PM
n-Propylbenzene	ND	5.5		µg/Kg-dry	1	6/10/2009 4:54:00 PM
Naphthalene	ND	5.5		µg/Kg-dry	1	6/10/2009 4:54:00 PM
o-Xylene	ND	5.5		µg/Kg-dry	1	6/10/2009 4:54:00 PM
sec-Butylbenzene	ND	5.5		µg/Kg-dry	1	6/10/2009 4:54:00 PM
tert-Butylbenzene	ND	5.5		µg/Kg-dry	1	6/10/2009 4:54:00 PM
Toluene	ND	5.5		µg/Kg-dry	1	6/10/2009 4:54:00 PM
PERCENT MOISTURE				**D2216**		Analyst: **VAW**
Percent Moisture	45.6	0.00100		wt%	1	6/11/2009

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: WB-4
Lab Order: U0906181
Collection Date: 6/5/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906181-019
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3550A)**	Analyst: **LD**
Acenaphthene	ND	510		µg/Kg-dry	2.5	6/18/2009 3:41:00 PM
Fluorene	ND	510		µg/Kg-dry	2.5	6/18/2009 3:41:00 PM
Phenanthrene	ND	510		µg/Kg-dry	2.5	6/18/2009 3:41:00 PM
Anthracene	ND	510		µg/Kg-dry	2.5	6/18/2009 3:41:00 PM
Fluoranthene	ND	510		µg/Kg-dry	2.5	6/18/2009 3:41:00 PM
Pyrene	ND	510		µg/Kg-dry	2.5	6/18/2009 3:41:00 PM
Benz(a)anthracene	ND	510		µg/Kg-dry	2.5	6/18/2009 3:41:00 PM
Chrysene	ND	510		µg/Kg-dry	2.5	6/18/2009 3:41:00 PM
Benzo(b)fluoranthene	ND	510		µg/Kg-dry	2.5	6/18/2009 3:41:00 PM
Benzo(k)fluoranthene	ND	510		µg/Kg-dry	2.5	6/18/2009 3:41:00 PM
Benzo(a)pyrene	ND	510		µg/Kg-dry	2.5	6/18/2009 3:41:00 PM
Dibenz(a,h)anthracene	ND	510		µg/Kg-dry	2.5	6/18/2009 3:41:00 PM
Benzo(g,h,i)perylene	ND	510		µg/Kg-dry	2.5	6/18/2009 3:41:00 PM
Indeno(1,2,3-cd)pyrene	ND	510		µg/Kg-dry	2.5	6/18/2009 3:41:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	19		µg/Kg-dry	5	6/12/2009 6:00:00 PM
1,3,5-Trimethylbenzene	ND	19		µg/Kg-dry	5	6/12/2009 6:00:00 PM
4-Isopropyltoluene	ND	19		µg/Kg-dry	5	6/12/2009 6:00:00 PM
Benzene	ND	19		µg/Kg-dry	5	6/12/2009 6:00:00 PM
Ethylbenzene	ND	19		µg/Kg-dry	5	6/12/2009 6:00:00 PM
Isopropylbenzene	ND	19		µg/Kg-dry	5	6/12/2009 6:00:00 PM
m,p-Xylene	ND	19		µg/Kg-dry	5	6/12/2009 6:00:00 PM
Methyl tert-butyl ether	ND	19		µg/Kg-dry	5	6/12/2009 6:00:00 PM
n-Butylbenzene	ND	19		µg/Kg-dry	5	6/12/2009 6:00:00 PM
n-Propylbenzene	ND	19		µg/Kg-dry	5	6/12/2009 6:00:00 PM
Naphthalene	ND	19		µg/Kg-dry	5	6/12/2009 6:00:00 PM
o-Xylene	ND	19		µg/Kg-dry	5	6/12/2009 6:00:00 PM
sec-Butylbenzene	ND	19		µg/Kg-dry	5	6/12/2009 6:00:00 PM
tert-Butylbenzene	ND	19		µg/Kg-dry	5	6/12/2009 6:00:00 PM
Toluene	ND	19		µg/Kg-dry	5	6/12/2009 6:00:00 PM

NOTES:
The reporting limits were raised due to matrix interference.
Low quality control recoveries were observed at a lower dilution.

PERCENT MOISTURE				**D2216**		Analyst: **VAW**
Percent Moisture	19.3	0.00100		wt%	1	6/11/2009

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT: NYSDEC - Region 6 **Client Sample ID:** WB-5
Lab Order: U0906181 **Collection Date:** 6/5/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906181-020 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3550A)**	Analyst: **LD**
Acenaphthene	ND	460		µg/Kg-dry	2.5	6/18/2009 4:25:00 PM
Fluorene	ND	460		µg/Kg-dry	2.5	6/18/2009 4:25:00 PM
Phenanthrene	ND	460		µg/Kg-dry	2.5	6/18/2009 4:25:00 PM
Anthracene	ND	460		µg/Kg-dry	2.5	6/18/2009 4:25:00 PM
Fluoranthene	60	460	J	µg/Kg-dry	2.5	6/18/2009 4:25:00 PM
Pyrene	70	460	J	µg/Kg-dry	2.5	6/18/2009 4:25:00 PM
Benz(a)anthracene	ND	460		µg/Kg-dry	2.5	6/18/2009 4:25:00 PM
Chrysene	ND	460		µg/Kg-dry	2.5	6/18/2009 4:25:00 PM
Benzo(b)fluoranthene	ND	460		µg/Kg-dry	2.5	6/18/2009 4:25:00 PM
Benzo(k)fluoranthene	ND	460		µg/Kg-dry	2.5	6/18/2009 4:25:00 PM
Benzo(a)pyrene	ND	460		µg/Kg-dry	2.5	6/18/2009 4:25:00 PM
Dibenz(a,h)anthracene	ND	460		µg/Kg-dry	2.5	6/18/2009 4:25:00 PM
Benzo(g,h,i)perylene	ND	460		µg/Kg-dry	2.5	6/18/2009 4:25:00 PM
Indeno(1,2,3-cd)pyrene	ND	460		µg/Kg-dry	2.5	6/18/2009 4:25:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	3.4		µg/Kg-dry	1	6/10/2009 5:46:00 PM
1,3,5-Trimethylbenzene	ND	3.4		µg/Kg-dry	1	6/10/2009 5:46:00 PM
4-Isopropyltoluene	ND	3.4		µg/Kg-dry	1	6/10/2009 5:46:00 PM
Benzene	ND	3.4		µg/Kg-dry	1	6/10/2009 5:46:00 PM
Ethylbenzene	ND	3.4		µg/Kg-dry	1	6/10/2009 5:46:00 PM
Isopropylbenzene	ND	3.4		µg/Kg-dry	1	6/10/2009 5:46:00 PM
m,p-Xylene	ND	3.4		µg/Kg-dry	1	6/10/2009 5:46:00 PM
Methyl tert-butyl ether	ND	3.4		µg/Kg-dry	1	6/10/2009 5:46:00 PM
n-Butylbenzene	ND	3.4		µg/Kg-dry	1	6/10/2009 5:46:00 PM
n-Propylbenzene	ND	3.4		µg/Kg-dry	1	6/10/2009 5:46:00 PM
Naphthalene	ND	3.4		µg/Kg-dry	1	6/10/2009 5:46:00 PM
o-Xylene	ND	3.4		µg/Kg-dry	1	6/10/2009 5:46:00 PM
sec-Butylbenzene	ND	3.4		µg/Kg-dry	1	6/10/2009 5:46:00 PM
tert-Butylbenzene	ND	3.4		µg/Kg-dry	1	6/10/2009 5:46:00 PM
Toluene	ND	3.4		µg/Kg-dry	1	6/10/2009 5:46:00 PM
PERCENT MOISTURE				**D2216**		Analyst: **VAW**
Percent Moisture	11.2	0.00100		wt%	1	6/11/2009

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT:	NYSDEC - Region 6	**Client Sample ID:**	WB-6
Lab Order:	U0906181	**Collection Date:**	6/5/2009
Project:	Matt/Grace Petroleum, Spill #88-09026		
Lab ID:	U0906181-021	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3550A)**	Analyst: **LD**
Acenaphthene	ND	580		µg/Kg-dry	2.5	6/18/2009 5:09:00 PM
Fluorene	ND	580		µg/Kg-dry	2.5	6/18/2009 5:09:00 PM
Phenanthrene	ND	580		µg/Kg-dry	2.5	6/18/2009 5:09:00 PM
Anthracene	ND	580		µg/Kg-dry	2.5	6/18/2009 5:09:00 PM
Fluoranthene	ND	580		µg/Kg-dry	2.5	6/18/2009 5:09:00 PM
Pyrene	60	580	J	µg/Kg-dry	2.5	6/18/2009 5:09:00 PM
Benz(a)anthracene	ND	580		µg/Kg-dry	2.5	6/18/2009 5:09:00 PM
Chrysene	ND	580		µg/Kg-dry	2.5	6/18/2009 5:09:00 PM
Benzo(b)fluoranthene	ND	580		µg/Kg-dry	2.5	6/18/2009 5:09:00 PM
Benzo(k)fluoranthene	ND	580		µg/Kg-dry	2.5	6/18/2009 5:09:00 PM
Benzo(a)pyrene	ND	580		µg/Kg-dry	2.5	6/18/2009 5:09:00 PM
Dibenz(a,h)anthracene	ND	580		µg/Kg-dry	2.5	6/18/2009 5:09:00 PM
Benzo(g,h,i)perylene	ND	580		µg/Kg-dry	2.5	6/18/2009 5:09:00 PM
Indeno(1,2,3-cd)pyrene	ND	580		µg/Kg-dry	2.5	6/18/2009 5:09:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	4.2		µg/Kg-dry	1	6/11/2009 5:54:00 PM
1,3,5-Trimethylbenzene	ND	4.2		µg/Kg-dry	1	6/11/2009 5:54:00 PM
4-Isopropyltoluene	ND	4.2		µg/Kg-dry	1	6/11/2009 5:54:00 PM
Benzene	ND	4.2		µg/Kg-dry	1	6/11/2009 5:54:00 PM
Ethylbenzene	ND	4.2		µg/Kg-dry	1	6/11/2009 5:54:00 PM
Isopropylbenzene	ND	4.2		µg/Kg-dry	1	6/11/2009 5:54:00 PM
m,p-Xylene	ND	4.2		µg/Kg-dry	1	6/11/2009 5:54:00 PM
Methyl tert-butyl ether	ND	4.2		µg/Kg-dry	1	6/11/2009 5:54:00 PM
n-Butylbenzene	ND	4.2		µg/Kg-dry	1	6/11/2009 5:54:00 PM
n-Propylbenzene	ND	4.2		µg/Kg-dry	1	6/11/2009 5:54:00 PM
Naphthalene	ND	4.2		µg/Kg-dry	1	6/11/2009 5:54:00 PM
o-Xylene	ND	4.2		µg/Kg-dry	1	6/11/2009 5:54:00 PM
sec-Butylbenzene	ND	4.2		µg/Kg-dry	1	6/11/2009 5:54:00 PM
tert-Butylbenzene	ND	4.2		µg/Kg-dry	1	6/11/2009 5:54:00 PM
Toluene	ND	4.2		µg/Kg-dry	1	6/11/2009 5:54:00 PM
PERCENT MOISTURE				**D2216**		Analyst: **VAW**
Percent Moisture	28.4	0.00100		wt%	1	6/11/2009

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT:	NYSDEC - Region 6	**Client Sample ID:**	WB-7
Lab Order:	U0906181	**Collection Date:**	6/5/2009
Project:	Matt/Grace Petroleum, Spill #88-09026		
Lab ID:	U0906181-022	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3550A)**	Analyst: **LD**
Acenaphthene	ND	590		µg/Kg-dry	2.5	6/18/2009 5:53:00 PM
Fluorene	ND	590		µg/Kg-dry	2.5	6/18/2009 5:53:00 PM
Phenanthrene	ND	590		µg/Kg-dry	2.5	6/18/2009 5:53:00 PM
Anthracene	ND	590		µg/Kg-dry	2.5	6/18/2009 5:53:00 PM
Fluoranthene	100	590	J	µg/Kg-dry	2.5	6/18/2009 5:53:00 PM
Pyrene	300	590	J	µg/Kg-dry	2.5	6/18/2009 5:53:00 PM
Benz(a)anthracene	200	590	J	µg/Kg-dry	2.5	6/18/2009 5:53:00 PM
Chrysene	300	590	J	µg/Kg-dry	2.5	6/18/2009 5:53:00 PM
Benzo(b)fluoranthene	300	590	J	µg/Kg-dry	2.5	6/18/2009 5:53:00 PM
Benzo(k)fluoranthene	90	590	J	µg/Kg-dry	2.5	6/18/2009 5:53:00 PM
Benzo(a)pyrene	300	590	J	µg/Kg-dry	2.5	6/18/2009 5:53:00 PM
Dibenz(a,h)anthracene	ND	590		µg/Kg-dry	2.5	6/18/2009 5:53:00 PM
Benzo(g,h,i)perylene	90	590	J	µg/Kg-dry	2.5	6/18/2009 5:53:00 PM
Indeno(1,2,3-cd)pyrene	200	590	J	µg/Kg-dry	2.5	6/18/2009 5:53:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	600	860	J	µg/Kg-dry	200	6/12/2009 1:38:00 AM
1,3,5-Trimethylbenzene	700	860	J	µg/Kg-dry	200	6/12/2009 1:38:00 AM
4-Isopropyltoluene	ND	860		µg/Kg-dry	200	6/12/2009 1:38:00 AM
Benzene	ND	860		µg/Kg-dry	200	6/12/2009 1:38:00 AM
Ethylbenzene	ND	860		µg/Kg-dry	200	6/12/2009 1:38:00 AM
Isopropylbenzene	920	860		µg/Kg-dry	200	6/12/2009 1:38:00 AM
m,p-Xylene	1100	860		µg/Kg-dry	200	6/12/2009 1:38:00 AM
Methyl tert-butyl ether	ND	860		µg/Kg-dry	200	6/12/2009 1:38:00 AM
n-Butylbenzene	ND	860		µg/Kg-dry	200	6/12/2009 1:38:00 AM
n-Propylbenzene	700	860	J	µg/Kg-dry	200	6/12/2009 1:38:00 AM
Naphthalene	1400	860		µg/Kg-dry	200	6/12/2009 1:38:00 AM
o-Xylene	ND	860		µg/Kg-dry	200	6/12/2009 1:38:00 AM
sec-Butylbenzene	ND	860		µg/Kg-dry	200	6/12/2009 1:38:00 AM
tert-Butylbenzene	ND	860		µg/Kg-dry	200	6/12/2009 1:38:00 AM
Toluene	ND	860		µg/Kg-dry	200	6/12/2009 1:38:00 AM

NOTES:
The reporting limits were raised due to matrix interference.
Petroleum hydrocarbon pattern detected.

PERCENT MOISTURE				**D2216**		Analyst: **VAW**
Percent Moisture	29.9	0.00100		wt%	1	6/11/2009

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: WB-8
Lab Order: U0906181
Collection Date: 6/5/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906181-023
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3550A)**	Analyst: **LD**
Acenaphthene	70	570	J	µg/Kg-dry	2.5	6/18/2009 6:38:00 PM
Fluorene	70	570	J	µg/Kg-dry	2.5	6/18/2009 6:38:00 PM
Phenanthrene	ND	570		µg/Kg-dry	2.5	6/18/2009 6:38:00 PM
Anthracene	ND	570		µg/Kg-dry	2.5	6/18/2009 6:38:00 PM
Fluoranthene	600	570	J	µg/Kg-dry	2.5	6/18/2009 6:38:00 PM
Pyrene	710	570		µg/Kg-dry	2.5	6/18/2009 6:38:00 PM
Benz(a)anthracene	300	570	J	µg/Kg-dry	2.5	6/18/2009 6:38:00 PM
Chrysene	400	570	J	µg/Kg-dry	2.5	6/18/2009 6:38:00 PM
Benzo(b)fluoranthene	300	570	J	µg/Kg-dry	2.5	6/18/2009 6:38:00 PM
Benzo(k)fluoranthene	100	570	J	µg/Kg-dry	2.5	6/18/2009 6:38:00 PM
Benzo(a)pyrene	300	570	J	µg/Kg-dry	2.5	6/18/2009 6:38:00 PM
Dibenz(a,h)anthracene	ND	570		µg/Kg-dry	2.5	6/18/2009 6:38:00 PM
Benzo(g,h,i)perylene	70	570	J	µg/Kg-dry	2.5	6/18/2009 6:38:00 PM
Indeno(1,2,3-cd)pyrene	100	570	J	µg/Kg-dry	2.5	6/18/2009 6:38:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	21		µg/Kg-dry	5	6/12/2009 5:07:00 PM
1,3,5-Trimethylbenzene	ND	21		µg/Kg-dry	5	6/12/2009 5:07:00 PM
4-Isopropyltoluene	ND	21		µg/Kg-dry	5	6/12/2009 5:07:00 PM
Benzene	ND	21		µg/Kg-dry	5	6/12/2009 5:07:00 PM
Ethylbenzene	ND	21		µg/Kg-dry	5	6/12/2009 5:07:00 PM
Isopropylbenzene	ND	21		µg/Kg-dry	5	6/12/2009 5:07:00 PM
m,p-Xylene	ND	21		µg/Kg-dry	5	6/12/2009 5:07:00 PM
Methyl tert-butyl ether	ND	21		µg/Kg-dry	5	6/12/2009 5:07:00 PM
n-Butylbenzene	ND	21		µg/Kg-dry	5	6/12/2009 5:07:00 PM
n-Propylbenzene	ND	21		µg/Kg-dry	5	6/12/2009 5:07:00 PM
Naphthalene	ND	21		µg/Kg-dry	5	6/12/2009 5:07:00 PM
o-Xylene	ND	21		µg/Kg-dry	5	6/12/2009 5:07:00 PM
sec-Butylbenzene	ND	21		µg/Kg-dry	5	6/12/2009 5:07:00 PM
tert-Butylbenzene	ND	21		µg/Kg-dry	5	6/12/2009 5:07:00 PM
Toluene	ND	21		µg/Kg-dry	5	6/12/2009 5:07:00 PM

NOTES:
The reporting limits were raised due to matrix interference.
Low quality control recoveries were observed at a lower dilution.

PERCENT MOISTURE				**D2216**		Analyst: **VAW**
Percent Moisture	27.3	0.00100		wt%	1	6/11/2009

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: WB-9
Lab Order: U0906181
Collection Date: 6/5/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906181-024
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3550A)**	Analyst: **LD**
Acenaphthene	ND	660		µg/Kg-dry	2.5	6/18/2009 7:22:00 PM
Fluorene	ND	660		µg/Kg-dry	2.5	6/18/2009 7:22:00 PM
Phenanthrene	ND	660		µg/Kg-dry	2.5	6/18/2009 7:22:00 PM
Anthracene	ND	660		µg/Kg-dry	2.5	6/18/2009 7:22:00 PM
Fluoranthene	300	660	J	µg/Kg-dry	2.5	6/18/2009 7:22:00 PM
Pyrene	400	660	J	µg/Kg-dry	2.5	6/18/2009 7:22:00 PM
Benz(a)anthracene	300	660	J	µg/Kg-dry	2.5	6/18/2009 7:22:00 PM
Chrysene	400	660	J	µg/Kg-dry	2.5	6/18/2009 7:22:00 PM
Benzo(b)fluoranthene	600	660	J	µg/Kg-dry	2.5	6/18/2009 7:22:00 PM
Benzo(k)fluoranthene	200	660	J	µg/Kg-dry	2.5	6/18/2009 7:22:00 PM
Benzo(a)pyrene	400	660	J	µg/Kg-dry	2.5	6/18/2009 7:22:00 PM
Dibenz(a,h)anthracene	ND	660		µg/Kg-dry	2.5	6/18/2009 7:22:00 PM
Benzo(g,h,i)perylene	200	660	J	µg/Kg-dry	2.5	6/18/2009 7:22:00 PM
Indeno(1,2,3-cd)pyrene	300	660	J	µg/Kg-dry	2.5	6/18/2009 7:22:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	4.8		µg/Kg-dry	1	6/11/2009 7:38:00 PM
1,3,5-Trimethylbenzene	ND	4.8		µg/Kg-dry	1	6/11/2009 7:38:00 PM
4-Isopropyltoluene	ND	4.8		µg/Kg-dry	1	6/11/2009 7:38:00 PM
Benzene	ND	4.8		µg/Kg-dry	1	6/11/2009 7:38:00 PM
Ethylbenzene	ND	4.8		µg/Kg-dry	1	6/11/2009 7:38:00 PM
Isopropylbenzene	ND	4.8		µg/Kg-dry	1	6/11/2009 7:38:00 PM
m,p-Xylene	ND	4.8		µg/Kg-dry	1	6/11/2009 7:38:00 PM
Methyl tert-butyl ether	ND	4.8		µg/Kg-dry	1	6/11/2009 7:38:00 PM
n-Butylbenzene	ND	4.8		µg/Kg-dry	1	6/11/2009 7:38:00 PM
n-Propylbenzene	ND	4.8		µg/Kg-dry	1	6/11/2009 7:38:00 PM
Naphthalene	ND	4.8		µg/Kg-dry	1	6/11/2009 7:38:00 PM
o-Xylene	ND	4.8		µg/Kg-dry	1	6/11/2009 7:38:00 PM
sec-Butylbenzene	ND	4.8		µg/Kg-dry	1	6/11/2009 7:38:00 PM
tert-Butylbenzene	ND	4.8		µg/Kg-dry	1	6/11/2009 7:38:00 PM
Toluene	ND	4.8		µg/Kg-dry	1	6/11/2009 7:38:00 PM
PERCENT MOISTURE				**D2216**		Analyst: **VAW**
Percent Moisture	37.4	0.00100		wt%	1	6/11/2009

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: WB-10
Lab Order: U0906181
Collection Date: 6/5/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906181-025
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3550A)**	Analyst: **LD**
Acenaphthene	ND	580		µg/Kg-dry	2.5	6/18/2009 8:06:00 PM
Fluorene	ND	580		µg/Kg-dry	2.5	6/18/2009 8:06:00 PM
Phenanthrene	ND	580		µg/Kg-dry	2.5	6/18/2009 8:06:00 PM
Anthracene	ND	580		µg/Kg-dry	2.5	6/18/2009 8:06:00 PM
Fluoranthene	ND	580		µg/Kg-dry	2.5	6/18/2009 8:06:00 PM
Pyrene	ND	580		µg/Kg-dry	2.5	6/18/2009 8:06:00 PM
Benz(a)anthracene	ND	580		µg/Kg-dry	2.5	6/18/2009 8:06:00 PM
Chrysene	ND	580		µg/Kg-dry	2.5	6/18/2009 8:06:00 PM
Benzo(b)fluoranthene	ND	580		µg/Kg-dry	2.5	6/18/2009 8:06:00 PM
Benzo(k)fluoranthene	ND	580		µg/Kg-dry	2.5	6/18/2009 8:06:00 PM
Benzo(a)pyrene	ND	580		µg/Kg-dry	2.5	6/18/2009 8:06:00 PM
Dibenz(a,h)anthracene	ND	580		µg/Kg-dry	2.5	6/18/2009 8:06:00 PM
Benzo(g,h,i)perylene	ND	580		µg/Kg-dry	2.5	6/18/2009 8:06:00 PM
Indeno(1,2,3-cd)pyrene	ND	580		µg/Kg-dry	2.5	6/18/2009 8:06:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	4.2		µg/Kg-dry	1	6/11/2009 8:30:00 PM
1,3,5-Trimethylbenzene	ND	4.2		µg/Kg-dry	1	6/11/2009 8:30:00 PM
4-Isopropyltoluene	ND	4.2		µg/Kg-dry	1	6/11/2009 8:30:00 PM
Benzene	ND	4.2		µg/Kg-dry	1	6/11/2009 8:30:00 PM
Ethylbenzene	ND	4.2		µg/Kg-dry	1	6/11/2009 8:30:00 PM
Isopropylbenzene	ND	4.2		µg/Kg-dry	1	6/11/2009 8:30:00 PM
m,p-Xylene	ND	4.2		µg/Kg-dry	1	6/11/2009 8:30:00 PM
Methyl tert-butyl ether	ND	4.2		µg/Kg-dry	1	6/11/2009 8:30:00 PM
n-Butylbenzene	ND	4.2		µg/Kg-dry	1	6/11/2009 8:30:00 PM
n-Propylbenzene	ND	4.2		µg/Kg-dry	1	6/11/2009 8:30:00 PM
Naphthalene	ND	4.2		µg/Kg-dry	1	6/11/2009 8:30:00 PM
o-Xylene	ND	4.2		µg/Kg-dry	1	6/11/2009 8:30:00 PM
sec-Butylbenzene	ND	4.2		µg/Kg-dry	1	6/11/2009 8:30:00 PM
tert-Butylbenzene	ND	4.2		µg/Kg-dry	1	6/11/2009 8:30:00 PM
Toluene	ND	4.2		µg/Kg-dry	1	6/11/2009 8:30:00 PM
PERCENT MOISTURE				**D2216**		Analyst: **VAW**
Percent Moisture	29.3	0.00100		wt%	1	6/11/2009

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: WB-11
Lab Order: U0906181
Collection Date: 6/5/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906181-026
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3550A)**	Analyst: **LD**
Acenaphthene	ND	700		µg/Kg-dry	2.5	6/18/2009 8:50:00 PM
Fluorene	960	700		µg/Kg-dry	2.5	6/18/2009 8:50:00 PM
Phenanthrene	3100	700		µg/Kg-dry	2.5	6/18/2009 8:50:00 PM
Anthracene	ND	700		µg/Kg-dry	2.5	6/18/2009 8:50:00 PM
Fluoranthene	ND	700		µg/Kg-dry	2.5	6/18/2009 8:50:00 PM
Pyrene	720	700		µg/Kg-dry	2.5	6/18/2009 8:50:00 PM
Benz(a)anthracene	200	700	J	µg/Kg-dry	2.5	6/18/2009 8:50:00 PM
Chrysene	200	700	J	µg/Kg-dry	2.5	6/18/2009 8:50:00 PM
Benzo(b)fluoranthene	300	700	J	µg/Kg-dry	2.5	6/18/2009 8:50:00 PM
Benzo(k)fluoranthene	100	700	J	µg/Kg-dry	2.5	6/18/2009 8:50:00 PM
Benzo(a)pyrene	ND	700		µg/Kg-dry	2.5	6/18/2009 8:50:00 PM
Dibenz(a,h)anthracene	ND	700		µg/Kg-dry	2.5	6/18/2009 8:50:00 PM
Benzo(g,h,i)perylene	ND	700		µg/Kg-dry	2.5	6/18/2009 8:50:00 PM
Indeno(1,2,3-cd)pyrene	ND	700		µg/Kg-dry	2.5	6/18/2009 8:50:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	6000	10000	J	µg/Kg-dry	2000	6/12/2009 3:40:00 AM
1,3,5-Trimethylbenzene	ND	10000		µg/Kg-dry	2000	6/12/2009 3:40:00 AM
4-Isopropyltoluene	ND	10000		µg/Kg-dry	2000	6/12/2009 3:40:00 AM
Benzene	ND	10000		µg/Kg-dry	2000	6/12/2009 3:40:00 AM
Ethylbenzene	ND	10000		µg/Kg-dry	2000	6/12/2009 3:40:00 AM
Isopropylbenzene	12000	10000		µg/Kg-dry	2000	6/12/2009 3:40:00 AM
m,p-Xylene	ND	10000		µg/Kg-dry	2000	6/12/2009 3:40:00 AM
Methyl tert-butyl ether	ND	10000		µg/Kg-dry	2000	6/12/2009 3:40:00 AM
n-Butylbenzene	14000	10000		µg/Kg-dry	2000	6/12/2009 3:40:00 AM
n-Propylbenzene	11000	10000		µg/Kg-dry	2000	6/12/2009 3:40:00 AM
Naphthalene	ND	10000		µg/Kg-dry	2000	6/12/2009 3:40:00 AM
o-Xylene	ND	10000		µg/Kg-dry	2000	6/12/2009 3:40:00 AM
sec-Butylbenzene	11000	10000		µg/Kg-dry	2000	6/12/2009 3:40:00 AM
tert-Butylbenzene	ND	10000		µg/Kg-dry	2000	6/12/2009 3:40:00 AM
Toluene	ND	10000		µg/Kg-dry	2000	6/12/2009 3:40:00 AM

NOTES:
The reporting limits were raised due to matrix interference.
Petroleum hydrocarbon pattern detected.

PERCENT MOISTURE			**D2216**		Analyst: **VAW**
Percent Moisture	40.9	0.00100	wt%	1	6/11/2009

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: WB-12
Lab Order: U0906181
Collection Date: 6/5/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906181-027
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3550A)**	Analyst: **LD**
Acenaphthene	ND	690		µg/Kg-dry	2.5	6/19/2009 3:35:00 PM
Fluorene	ND	690		µg/Kg-dry	2.5	6/19/2009 3:35:00 PM
Phenanthrene	100	690	J	µg/Kg-dry	2.5	6/19/2009 3:35:00 PM
Anthracene	ND	690		µg/Kg-dry	2.5	6/19/2009 3:35:00 PM
Fluoranthene	300	690	J	µg/Kg-dry	2.5	6/19/2009 3:35:00 PM
Pyrene	300	690	J	µg/Kg-dry	2.5	6/19/2009 3:35:00 PM
Benz(a)anthracene	200	690	J	µg/Kg-dry	2.5	6/19/2009 3:35:00 PM
Chrysene	200	690	J	µg/Kg-dry	2.5	6/19/2009 3:35:00 PM
Benzo(b)fluoranthene	200	690	J	µg/Kg-dry	2.5	6/19/2009 3:35:00 PM
Benzo(k)fluoranthene	90	690	J	µg/Kg-dry	2.5	6/19/2009 3:35:00 PM
Benzo(a)pyrene	200	690	J	µg/Kg-dry	2.5	6/19/2009 3:35:00 PM
Dibenz(a,h)anthracene	ND	690		µg/Kg-dry	2.5	6/19/2009 3:35:00 PM
Benzo(g,h,i)perylene	70	690	J	µg/Kg-dry	2.5	6/19/2009 3:35:00 PM
Indeno(1,2,3-cd)pyrene	100	690	J	µg/Kg-dry	2.5	6/19/2009 3:35:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	5.1		µg/Kg-dry	1	6/15/2009 8:14:00 PM
1,3,5-Trimethylbenzene	ND	5.1		µg/Kg-dry	1	6/15/2009 8:14:00 PM
4-Isopropyltoluene	ND	5.1		µg/Kg-dry	1	6/15/2009 8:14:00 PM
Benzene	ND	5.1		µg/Kg-dry	1	6/15/2009 8:14:00 PM
Ethylbenzene	ND	5.1		µg/Kg-dry	1	6/15/2009 8:14:00 PM
Isopropylbenzene	ND	5.1		µg/Kg-dry	1	6/15/2009 8:14:00 PM
m,p-Xylene	ND	5.1		µg/Kg-dry	1	6/15/2009 8:14:00 PM
Methyl tert-butyl ether	ND	5.1		µg/Kg-dry	1	6/15/2009 8:14:00 PM
n-Butylbenzene	ND	5.1		µg/Kg-dry	1	6/15/2009 8:14:00 PM
n-Propylbenzene	ND	5.1		µg/Kg-dry	1	6/15/2009 8:14:00 PM
Naphthalene	ND	5.1		µg/Kg-dry	1	6/15/2009 8:14:00 PM
o-Xylene	ND	5.1		µg/Kg-dry	1	6/15/2009 8:14:00 PM
sec-Butylbenzene	ND	5.1		µg/Kg-dry	1	6/15/2009 8:14:00 PM
tert-Butylbenzene	ND	5.1		µg/Kg-dry	1	6/15/2009 8:14:00 PM
Toluene	ND	5.1		µg/Kg-dry	1	6/15/2009 8:14:00 PM
PERCENT MOISTURE				**D2216**		Analyst: **VAW**
Percent Moisture	40.6	0.00100		wt%	1	6/11/2009

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: WB-13
Lab Order: U0906181
Collection Date: 6/5/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906181-028
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3550A)**	Analyst: **LD**
Acenaphthene	ND	700		µg/Kg-dry	2.5	6/19/2009 4:20:00 PM
Fluorene	ND	700		µg/Kg-dry	2.5	6/19/2009 4:20:00 PM
Phenanthrene	90	700	J	µg/Kg-dry	2.5	6/19/2009 4:20:00 PM
Anthracene	ND	700		µg/Kg-dry	2.5	6/19/2009 4:20:00 PM
Fluoranthene	200	700	J	µg/Kg-dry	2.5	6/19/2009 4:20:00 PM
Pyrene	200	700	J	µg/Kg-dry	2.5	6/19/2009 4:20:00 PM
Benz(a)anthracene	100	700	J	µg/Kg-dry	2.5	6/19/2009 4:20:00 PM
Chrysene	100	700	J	µg/Kg-dry	2.5	6/19/2009 4:20:00 PM
Benzo(b)fluoranthene	200	700	J	µg/Kg-dry	2.5	6/19/2009 4:20:00 PM
Benzo(k)fluoranthene	ND	700		µg/Kg-dry	2.5	6/19/2009 4:20:00 PM
Benzo(a)pyrene	100	700	J	µg/Kg-dry	2.5	6/19/2009 4:20:00 PM
Dibenz(a,h)anthracene	ND	700		µg/Kg-dry	2.5	6/19/2009 4:20:00 PM
Benzo(g,h,i)perylene	ND	700		µg/Kg-dry	2.5	6/19/2009 4:20:00 PM
Indeno(1,2,3-cd)pyrene	100	700	J	µg/Kg-dry	2.5	6/19/2009 4:20:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	10		µg/Kg-dry	2	6/12/2009 7:44:00 PM
1,3,5-Trimethylbenzene	ND	10		µg/Kg-dry	2	6/12/2009 7:44:00 PM
4-Isopropyltoluene	ND	10		µg/Kg-dry	2	6/12/2009 7:44:00 PM
Benzene	ND	10		µg/Kg-dry	2	6/12/2009 7:44:00 PM
Ethylbenzene	ND	10		µg/Kg-dry	2	6/12/2009 7:44:00 PM
Isopropylbenzene	ND	10		µg/Kg-dry	2	6/12/2009 7:44:00 PM
m,p-Xylene	ND	10		µg/Kg-dry	2	6/12/2009 7:44:00 PM
Methyl tert-butyl ether	ND	10		µg/Kg-dry	2	6/12/2009 7:44:00 PM
n-Butylbenzene	ND	10		µg/Kg-dry	2	6/12/2009 7:44:00 PM
n-Propylbenzene	ND	10		µg/Kg-dry	2	6/12/2009 7:44:00 PM
Naphthalene	ND	10		µg/Kg-dry	2	6/12/2009 7:44:00 PM
o-Xylene	ND	10		µg/Kg-dry	2	6/12/2009 7:44:00 PM
sec-Butylbenzene	ND	10		µg/Kg-dry	2	6/12/2009 7:44:00 PM
tert-Butylbenzene	ND	10		µg/Kg-dry	2	6/12/2009 7:44:00 PM
Toluene	ND	10		µg/Kg-dry	2	6/12/2009 7:44:00 PM

NOTES:
The reporting limits were raised due to matrix interference.
Low quality control recoveries were observed at a lower dilution.

PERCENT MOISTURE			**D2216**		Analyst: **VAW**
Percent Moisture	41.3	0.00100	wt%	1	6/11/2009

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: WB-14
Lab Order: U0906181
Collection Date: 6/5/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906181-029
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3550A)**	Analyst: **LD**
Acenaphthene	ND	610		µg/Kg-dry	2.5	6/19/2009 5:04:00 PM
Fluorene	ND	610		µg/Kg-dry	2.5	6/19/2009 5:04:00 PM
Phenanthrene	ND	610		µg/Kg-dry	2.5	6/19/2009 5:04:00 PM
Anthracene	ND	610		µg/Kg-dry	2.5	6/19/2009 5:04:00 PM
Fluoranthene	ND	610		µg/Kg-dry	2.5	6/19/2009 5:04:00 PM
Pyrene	100	610	J	µg/Kg-dry	2.5	6/19/2009 5:04:00 PM
Benz(a)anthracene	ND	610		µg/Kg-dry	2.5	6/19/2009 5:04:00 PM
Chrysene	60	610	J	µg/Kg-dry	2.5	6/19/2009 5:04:00 PM
Benzo(b)fluoranthene	90	610	J	µg/Kg-dry	2.5	6/19/2009 5:04:00 PM
Benzo(k)fluoranthene	ND	610		µg/Kg-dry	2.5	6/19/2009 5:04:00 PM
Benzo(a)pyrene	100	610	J	µg/Kg-dry	2.5	6/19/2009 5:04:00 PM
Dibenz(a,h)anthracene	ND	610		µg/Kg-dry	2.5	6/19/2009 5:04:00 PM
Benzo(g,h,i)perylene	100	610	J	µg/Kg-dry	2.5	6/19/2009 5:04:00 PM
Indeno(1,2,3-cd)pyrene	100	610	J	µg/Kg-dry	2.5	6/19/2009 5:04:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	440		µg/Kg-dry	100	6/12/2009 5:02:00 AM
1,3,5-Trimethylbenzene	ND	440		µg/Kg-dry	100	6/12/2009 5:02:00 AM
4-Isopropyltoluene	ND	440		µg/Kg-dry	100	6/12/2009 5:02:00 AM
Benzene	ND	440		µg/Kg-dry	100	6/12/2009 5:02:00 AM
Ethylbenzene	ND	440		µg/Kg-dry	100	6/12/2009 5:02:00 AM
Isopropylbenzene	ND	440		µg/Kg-dry	100	6/12/2009 5:02:00 AM
m,p-Xylene	ND	440		µg/Kg-dry	100	6/12/2009 5:02:00 AM
Methyl tert-butyl ether	ND	440		µg/Kg-dry	100	6/12/2009 5:02:00 AM
n-Butylbenzene	ND	440		µg/Kg-dry	100	6/12/2009 5:02:00 AM
n-Propylbenzene	ND	440		µg/Kg-dry	100	6/12/2009 5:02:00 AM
Naphthalene	ND	440		µg/Kg-dry	100	6/12/2009 5:02:00 AM
o-Xylene	ND	440		µg/Kg-dry	100	6/12/2009 5:02:00 AM
sec-Butylbenzene	ND	440		µg/Kg-dry	100	6/12/2009 5:02:00 AM
tert-Butylbenzene	ND	440		µg/Kg-dry	100	6/12/2009 5:02:00 AM
Toluene	ND	440		µg/Kg-dry	100	6/12/2009 5:02:00 AM

NOTES:
The reporting limits were raised due to matrix interference.
Petroleum hydrocarbon pattern detected.

PERCENT MOISTURE				**D2216**		Analyst: **VAW**
Percent Moisture	32.1	0.00100		wt%	1	6/11/2009

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: SB-1
Lab Order: U0906181
Collection Date: 6/4/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906181-030
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3550A)**	Analyst: **LD**
Acenaphthene	ND	560		µg/Kg-dry	2.5	6/19/2009 5:48:00 PM
Fluorene	ND	560		µg/Kg-dry	2.5	6/19/2009 5:48:00 PM
Phenanthrene	ND	560		µg/Kg-dry	2.5	6/19/2009 5:48:00 PM
Anthracene	ND	560		µg/Kg-dry	2.5	6/19/2009 5:48:00 PM
Fluoranthene	ND	560		µg/Kg-dry	2.5	6/19/2009 5:48:00 PM
Pyrene	ND	560		µg/Kg-dry	2.5	6/19/2009 5:48:00 PM
Benz(a)anthracene	ND	560		µg/Kg-dry	2.5	6/19/2009 5:48:00 PM
Chrysene	ND	560		µg/Kg-dry	2.5	6/19/2009 5:48:00 PM
Benzo(b)fluoranthene	ND	560		µg/Kg-dry	2.5	6/19/2009 5:48:00 PM
Benzo(k)fluoranthene	ND	560		µg/Kg-dry	2.5	6/19/2009 5:48:00 PM
Benzo(a)pyrene	ND	560		µg/Kg-dry	2.5	6/19/2009 5:48:00 PM
Dibenz(a,h)anthracene	ND	560		µg/Kg-dry	2.5	6/19/2009 5:48:00 PM
Benzo(g,h,i)perylene	ND	560		µg/Kg-dry	2.5	6/19/2009 5:48:00 PM
Indeno(1,2,3-cd)pyrene	ND	560		µg/Kg-dry	2.5	6/19/2009 5:48:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	410		µg/Kg-dry	100	6/12/2009 5:43:00 AM
1,3,5-Trimethylbenzene	ND	410		µg/Kg-dry	100	6/12/2009 5:43:00 AM
4-Isopropyltoluene	ND	410		µg/Kg-dry	100	6/12/2009 5:43:00 AM
Benzene	ND	410		µg/Kg-dry	100	6/12/2009 5:43:00 AM
Ethylbenzene	ND	410		µg/Kg-dry	100	6/12/2009 5:43:00 AM
Isopropylbenzene	ND	410		µg/Kg-dry	100	6/12/2009 5:43:00 AM
m,p-Xylene	ND	410		µg/Kg-dry	100	6/12/2009 5:43:00 AM
Methyl tert-butyl ether	ND	410		µg/Kg-dry	100	6/12/2009 5:43:00 AM
n-Butylbenzene	ND	410		µg/Kg-dry	100	6/12/2009 5:43:00 AM
n-Propylbenzene	ND	410		µg/Kg-dry	100	6/12/2009 5:43:00 AM
Naphthalene	ND	410		µg/Kg-dry	100	6/12/2009 5:43:00 AM
o-Xylene	ND	410		µg/Kg-dry	100	6/12/2009 5:43:00 AM
sec-Butylbenzene	ND	410		µg/Kg-dry	100	6/12/2009 5:43:00 AM
tert-Butylbenzene	ND	410		µg/Kg-dry	100	6/12/2009 5:43:00 AM
Toluene	ND	410		µg/Kg-dry	100	6/12/2009 5:43:00 AM

NOTES:
The reporting limits were raised due to matrix interference.
Petroleum hydrocarbon pattern detected.

PERCENT MOISTURE				**D2216**		Analyst: **VAW**
Percent Moisture	26.5	0.00100		wt%	1	6/11/2009

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT:	NYSDEC - Region 6	**Client Sample ID:**	SB-2
Lab Order:	U0906181	**Collection Date:**	6/4/2009
Project:	Matt/Grace Petroleum, Spill #88-09026		
Lab ID:	U0906181-031	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3550A)**	Analyst: **LD**
Acenaphthene	ND	560		µg/Kg-dry	2.5	6/17/2009 4:13:00 PM
Fluorene	ND	560		µg/Kg-dry	2.5	6/17/2009 4:13:00 PM
Phenanthrene	ND	560		µg/Kg-dry	2.5	6/17/2009 4:13:00 PM
Anthracene	ND	560		µg/Kg-dry	2.5	6/17/2009 4:13:00 PM
Fluoranthene	ND	560		µg/Kg-dry	2.5	6/17/2009 4:13:00 PM
Pyrene	ND	560		µg/Kg-dry	2.5	6/17/2009 4:13:00 PM
Benz(a)anthracene	ND	560		µg/Kg-dry	2.5	6/17/2009 4:13:00 PM
Chrysene	ND	560		µg/Kg-dry	2.5	6/17/2009 4:13:00 PM
Benzo(b)fluoranthene	ND	560		µg/Kg-dry	2.5	6/17/2009 4:13:00 PM
Benzo(k)fluoranthene	ND	560		µg/Kg-dry	2.5	6/17/2009 4:13:00 PM
Benzo(a)pyrene	ND	560		µg/Kg-dry	2.5	6/17/2009 4:13:00 PM
Dibenz(a,h)anthracene	ND	560		µg/Kg-dry	2.5	6/17/2009 4:13:00 PM
Benzo(g,h,i)perylene	ND	560		µg/Kg-dry	2.5	6/17/2009 4:13:00 PM
Indeno(1,2,3-cd)pyrene	ND	560		µg/Kg-dry	2.5	6/17/2009 4:13:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	55000	8100		µg/Kg-dry	2000	6/12/2009 6:02:00 PM
1,3,5-Trimethylbenzene	26000	8100		µg/Kg-dry	2000	6/12/2009 6:02:00 PM
4-Isopropyltoluene	11000	8100		µg/Kg-dry	2000	6/12/2009 6:02:00 PM
Benzene	ND	8100		µg/Kg-dry	2000	6/12/2009 6:02:00 PM
Ethylbenzene	20000	8100		µg/Kg-dry	2000	6/12/2009 6:02:00 PM
Isopropylbenzene	12000	8100		µg/Kg-dry	2000	6/12/2009 6:02:00 PM
m,p-Xylene	45000	8100		µg/Kg-dry	2000	6/12/2009 6:02:00 PM
Methyl tert-butyl ether	ND	8100		µg/Kg-dry	2000	6/12/2009 6:02:00 PM
n-Butylbenzene	13000	8100		µg/Kg-dry	2000	6/12/2009 6:02:00 PM
n-Propylbenzene	16000	8100		µg/Kg-dry	2000	6/12/2009 6:02:00 PM
Naphthalene	20000	8100		µg/Kg-dry	2000	6/12/2009 6:02:00 PM
o-Xylene	8100	8100	J	µg/Kg-dry	2000	6/12/2009 6:02:00 PM
sec-Butylbenzene	10000	8100		µg/Kg-dry	2000	6/12/2009 6:02:00 PM
tert-Butylbenzene	8700	8100		µg/Kg-dry	2000	6/12/2009 6:02:00 PM
Toluene	ND	8100		µg/Kg-dry	2000	6/12/2009 6:02:00 PM

NOTES:
The reporting limits were raised due to matrix interference.
Petroleum hydrocarbon pattern detected.

PERCENT MOISTURE				**D2216**		Analyst: **VAW**
Percent Moisture	26.2	0.00100		wt%	1	6/11/2009

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT:	NYSDEC - Region 6	**Client Sample ID:**	SB-3
Lab Order:	U0906181	**Collection Date:**	6/4/2009
Project:	Matt/Grace Petroleum, Spill #88-09026		
Lab ID:	U0906181-032	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3550A)**	Analyst: **LD**
Acenaphthene	ND	520		µg/Kg-dry	2.5	6/17/2009 4:57:00 PM
Fluorene	ND	520		µg/Kg-dry	2.5	6/17/2009 4:57:00 PM
Phenanthrene	1200	520		µg/Kg-dry	2.5	6/17/2009 4:57:00 PM
Anthracene	ND	520		µg/Kg-dry	2.5	6/17/2009 4:57:00 PM
Fluoranthene	ND	520		µg/Kg-dry	2.5	6/17/2009 4:57:00 PM
Pyrene	80	520	J	µg/Kg-dry	2.5	6/17/2009 4:57:00 PM
Benz(a)anthracene	ND	520		µg/Kg-dry	2.5	6/17/2009 4:57:00 PM
Chrysene	ND	520		µg/Kg-dry	2.5	6/17/2009 4:57:00 PM
Benzo(b)fluoranthene	ND	520		µg/Kg-dry	2.5	6/17/2009 4:57:00 PM
Benzo(k)fluoranthene	ND	520		µg/Kg-dry	2.5	6/17/2009 4:57:00 PM
Benzo(a)pyrene	ND	520		µg/Kg-dry	2.5	6/17/2009 4:57:00 PM
Dibenz(a,h)anthracene	ND	520		µg/Kg-dry	2.5	6/17/2009 4:57:00 PM
Benzo(g,h,i)perylene	ND	520		µg/Kg-dry	2.5	6/17/2009 4:57:00 PM
Indeno(1,2,3-cd)pyrene	ND	520		µg/Kg-dry	2.5	6/17/2009 4:57:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	5000	7600	J	µg/Kg-dry	2000	6/12/2009 7:04:00 AM
1,3,5-Trimethylbenzene	6000	7600	J	µg/Kg-dry	2000	6/12/2009 7:04:00 AM
4-Isopropyltoluene	ND	7600		µg/Kg-dry	2000	6/12/2009 7:04:00 AM
Benzene	ND	7600		µg/Kg-dry	2000	6/12/2009 7:04:00 AM
Ethylbenzene	ND	7600		µg/Kg-dry	2000	6/12/2009 7:04:00 AM
Isopropylbenzene	9000	7600		µg/Kg-dry	2000	6/12/2009 7:04:00 AM
m,p-Xylene	10000	7600		µg/Kg-dry	2000	6/12/2009 7:04:00 AM
Methyl tert-butyl ether	ND	7600		µg/Kg-dry	2000	6/12/2009 7:04:00 AM
n-Butylbenzene	8800	7600		µg/Kg-dry	2000	6/12/2009 7:04:00 AM
n-Propylbenzene	7000	7600	J	µg/Kg-dry	2000	6/12/2009 7:04:00 AM
Naphthalene	11000	7600		µg/Kg-dry	2000	6/12/2009 7:04:00 AM
o-Xylene	ND	7600		µg/Kg-dry	2000	6/12/2009 7:04:00 AM
sec-Butylbenzene	7000	7600	J	µg/Kg-dry	2000	6/12/2009 7:04:00 AM
tert-Butylbenzene	ND	7600		µg/Kg-dry	2000	6/12/2009 7:04:00 AM
Toluene	ND	7600		µg/Kg-dry	2000	6/12/2009 7:04:00 AM

NOTES:
The reporting limits were raised due to matrix interference.
Petroleum hydrocarbon pattern detected.

PERCENT MOISTURE				**D2216**		Analyst: **VAW**
Percent Moisture	20.7	0.00100		wt%	1	6/11/2009

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT:	NYSDEC - Region 6	**Client Sample ID:**	SB-4
Lab Order:	U0906181	**Collection Date:**	6/4/2009
Project:	Matt/Grace Petroleum, Spill #88-09026		
Lab ID:	U0906181-033	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3550A)**	Analyst: **LD**
Acenaphthene	ND	560		µg/Kg-dry	2.5	6/17/2009 5:41:00 PM
Fluorene	ND	560		µg/Kg-dry	2.5	6/17/2009 5:41:00 PM
Phenanthrene	70	560	J	µg/Kg-dry	2.5	6/17/2009 5:41:00 PM
Anthracene	ND	560		µg/Kg-dry	2.5	6/17/2009 5:41:00 PM
Fluoranthene	ND	560		µg/Kg-dry	2.5	6/17/2009 5:41:00 PM
Pyrene	ND	560		µg/Kg-dry	2.5	6/17/2009 5:41:00 PM
Benz(a)anthracene	ND	560		µg/Kg-dry	2.5	6/17/2009 5:41:00 PM
Chrysene	ND	560		µg/Kg-dry	2.5	6/17/2009 5:41:00 PM
Benzo(b)fluoranthene	ND	560		µg/Kg-dry	2.5	6/17/2009 5:41:00 PM
Benzo(k)fluoranthene	ND	560		µg/Kg-dry	2.5	6/17/2009 5:41:00 PM
Benzo(a)pyrene	ND	560		µg/Kg-dry	2.5	6/17/2009 5:41:00 PM
Dibenz(a,h)anthracene	ND	560		µg/Kg-dry	2.5	6/17/2009 5:41:00 PM
Benzo(g,h,i)perylene	ND	560		µg/Kg-dry	2.5	6/17/2009 5:41:00 PM
Indeno(1,2,3-cd)pyrene	ND	560		µg/Kg-dry	2.5	6/17/2009 5:41:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	310	30		µg/Kg	10	6/12/2009 9:27:00 PM
1,3,5-Trimethylbenzene	790	30		µg/Kg	10	6/12/2009 9:27:00 PM
4-Isopropyltoluene	1100	30		µg/Kg	10	6/12/2009 9:27:00 PM
Benzene	46	30		µg/Kg	10	6/12/2009 9:27:00 PM
Ethylbenzene	150	30		µg/Kg	10	6/12/2009 9:27:00 PM
Isopropylbenzene	490	30		µg/Kg	10	6/12/2009 9:27:00 PM
m,p-Xylene	130	30		µg/Kg	10	6/12/2009 9:27:00 PM
Methyl tert-butyl ether	ND	30		µg/Kg	10	6/12/2009 9:27:00 PM
n-Butylbenzene	1700	30		µg/Kg	10	6/12/2009 9:27:00 PM
n-Propylbenzene	1000	30		µg/Kg	10	6/12/2009 9:27:00 PM
Naphthalene	ND	30		µg/Kg	10	6/12/2009 9:27:00 PM
o-Xylene	10	30	J	µg/Kg	10	6/12/2009 9:27:00 PM
sec-Butylbenzene	630	30		µg/Kg	10	6/12/2009 9:27:00 PM
tert-Butylbenzene	ND	30		µg/Kg	10	6/12/2009 9:27:00 PM
Toluene	ND	30		µg/Kg	10	6/12/2009 9:27:00 PM

NOTES:
The reporting limits were raised due to the high concentration of target compounds.

PERCENT MOISTURE				**D2216**		Analyst: **VAW**
Percent Moisture	25.9	0.00100		wt%	1	6/11/2009

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT: NYSDEC - Region 6 **Client Sample ID:** SB-5
Lab Order: U0906181 **Collection Date:** 6/4/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906181-034 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3550A)**	Analyst: **LD**
Acenaphthene	ND	53000		µg/Kg-dry	250	6/18/2009 9:34:00 PM
Fluorene	ND	53000		µg/Kg-dry	250	6/18/2009 9:34:00 PM
Phenanthrene	ND	53000		µg/Kg-dry	250	6/18/2009 9:34:00 PM
Anthracene	ND	53000		µg/Kg-dry	250	6/18/2009 9:34:00 PM
Fluoranthene	ND	53000		µg/Kg-dry	250	6/18/2009 9:34:00 PM
Pyrene	ND	53000		µg/Kg-dry	250	6/18/2009 9:34:00 PM
Benz(a)anthracene	ND	53000		µg/Kg-dry	250	6/18/2009 9:34:00 PM
Chrysene	ND	53000		µg/Kg-dry	250	6/18/2009 9:34:00 PM
Benzo(b)fluoranthene	ND	53000		µg/Kg-dry	250	6/18/2009 9:34:00 PM
Benzo(k)fluoranthene	ND	53000		µg/Kg-dry	250	6/18/2009 9:34:00 PM
Benzo(a)pyrene	ND	53000		µg/Kg-dry	250	6/18/2009 9:34:00 PM
Dibenz(a,h)anthracene	ND	53000		µg/Kg-dry	250	6/18/2009 9:34:00 PM
Benzo(g,h,i)perylene	ND	53000		µg/Kg-dry	250	6/18/2009 9:34:00 PM
Indeno(1,2,3-cd)pyrene	ND	53000		µg/Kg-dry	250	6/18/2009 9:34:00 PM

NOTES:
The reporting limits were raised due to matrix interference.
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	2000	3800	J	µg/Kg-dry	1000	6/12/2009 8:26:00 AM
1,3,5-Trimethylbenzene	ND	3800		µg/Kg-dry	1000	6/12/2009 8:26:00 AM
4-Isopropyltoluene	ND	3800		µg/Kg-dry	1000	6/12/2009 8:26:00 AM
Benzene	ND	3800		µg/Kg-dry	1000	6/12/2009 8:26:00 AM
Ethylbenzene	ND	3800		µg/Kg-dry	1000	6/12/2009 8:26:00 AM
Isopropylbenzene	4300	3800		µg/Kg-dry	1000	6/12/2009 8:26:00 AM
m,p-Xylene	4900	3800		µg/Kg-dry	1000	6/12/2009 8:26:00 AM
Methyl tert-butyl ether	ND	3800		µg/Kg-dry	1000	6/12/2009 8:26:00 AM
n-Butylbenzene	4100	3800		µg/Kg-dry	1000	6/12/2009 8:26:00 AM
n-Propylbenzene	3000	3800	J	µg/Kg-dry	1000	6/12/2009 8:26:00 AM
Naphthalene	ND	3800		µg/Kg-dry	1000	6/12/2009 8:26:00 AM
o-Xylene	ND	3800		µg/Kg-dry	1000	6/12/2009 8:26:00 AM
sec-Butylbenzene	4000	3800	J	µg/Kg-dry	1000	6/12/2009 8:26:00 AM
tert-Butylbenzene	ND	3800		µg/Kg-dry	1000	6/12/2009 8:26:00 AM
Toluene	ND	3800		µg/Kg-dry	1000	6/12/2009 8:26:00 AM

NOTES:
The reporting limits were raised due to matrix interference.
Petroleum hydrocarbon pattern detected.

PERCENT MOISTURE				**D2216**		Analyst: **VAW**
Percent Moisture	21.7	0.00100		wt%	1	6/11/2009

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT:	NYSDEC - Region 6	**Client Sample ID:**	SB-6
Lab Order:	U0906181	**Collection Date:**	6/4/2009
Project:	Matt/Grace Petroleum, Spill #88-09026		
Lab ID:	U0906181-035	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3550A)**	Analyst: **LD**
Acenaphthene	ND	520		µg/Kg-dry	2.5	6/17/2009 7:09:00 PM
Fluorene	500	520	J	µg/Kg-dry	2.5	6/17/2009 7:09:00 PM
Phenanthrene	300	520	J	µg/Kg-dry	2.5	6/17/2009 7:09:00 PM
Anthracene	ND	520		µg/Kg-dry	2.5	6/17/2009 7:09:00 PM
Fluoranthene	ND	520		µg/Kg-dry	2.5	6/17/2009 7:09:00 PM
Pyrene	200	520	J	µg/Kg-dry	2.5	6/17/2009 7:09:00 PM
Benz(a)anthracene	ND	520		µg/Kg-dry	2.5	6/17/2009 7:09:00 PM
Chrysene	ND	520		µg/Kg-dry	2.5	6/17/2009 7:09:00 PM
Benzo(b)fluoranthene	ND	520		µg/Kg-dry	2.5	6/17/2009 7:09:00 PM
Benzo(k)fluoranthene	ND	520		µg/Kg-dry	2.5	6/17/2009 7:09:00 PM
Benzo(a)pyrene	ND	520		µg/Kg-dry	2.5	6/17/2009 7:09:00 PM
Dibenz(a,h)anthracene	ND	520		µg/Kg-dry	2.5	6/17/2009 7:09:00 PM
Benzo(g,h,i)perylene	ND	520		µg/Kg-dry	2.5	6/17/2009 7:09:00 PM
Indeno(1,2,3-cd)pyrene	ND	520		µg/Kg-dry	2.5	6/17/2009 7:09:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	2000	3800	J	µg/Kg-dry	1000	6/12/2009 7:45:00 AM
1,3,5-Trimethylbenzene	3000	3800	J	µg/Kg-dry	1000	6/12/2009 7:45:00 AM
4-Isopropyltoluene	ND	3800		µg/Kg-dry	1000	6/12/2009 7:45:00 AM
Benzene	ND	3800		µg/Kg-dry	1000	6/12/2009 7:45:00 AM
Ethylbenzene	ND	3800		µg/Kg-dry	1000	6/12/2009 7:45:00 AM
Isopropylbenzene	4100	3800		µg/Kg-dry	1000	6/12/2009 7:45:00 AM
m,p-Xylene	4800	3800		µg/Kg-dry	1000	6/12/2009 7:45:00 AM
Methyl tert-butyl ether	ND	3800		µg/Kg-dry	1000	6/12/2009 7:45:00 AM
n-Butylbenzene	ND	3800		µg/Kg-dry	1000	6/12/2009 7:45:00 AM
n-Propylbenzene	3000	3800	J	µg/Kg-dry	1000	6/12/2009 7:45:00 AM
Naphthalene	ND	3800		µg/Kg-dry	1000	6/12/2009 7:45:00 AM
o-Xylene	ND	3800		µg/Kg-dry	1000	6/12/2009 7:45:00 AM
sec-Butylbenzene	3000	3800	J	µg/Kg-dry	1000	6/12/2009 7:45:00 AM
tert-Butylbenzene	ND	3800		µg/Kg-dry	1000	6/12/2009 7:45:00 AM
Toluene	ND	3800		µg/Kg-dry	1000	6/12/2009 7:45:00 AM

NOTES:
The reporting limits were raised due to matrix interference.
Petroleum hydrocarbon pattern detected.

PERCENT MOISTURE				**D2216**		Analyst: **VAW**
Percent Moisture	20.2	0.00100		wt%	1	6/11/2009

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: SB-11
Lab Order: U0906181
Collection Date: 6/4/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906181-036
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3550A)**	Analyst: **LD**
Acenaphthene	ND	530		µg/Kg-dry	2.5	6/17/2009 7:53:00 PM
Fluorene	ND	530		µg/Kg-dry	2.5	6/17/2009 7:53:00 PM
Phenanthrene	830	530		µg/Kg-dry	2.5	6/17/2009 7:53:00 PM
Anthracene	ND	530		µg/Kg-dry	2.5	6/17/2009 7:53:00 PM
Fluoranthene	ND	530		µg/Kg-dry	2.5	6/17/2009 7:53:00 PM
Pyrene	100	530	J	µg/Kg-dry	2.5	6/17/2009 7:53:00 PM
Benz(a)anthracene	ND	530		µg/Kg-dry	2.5	6/17/2009 7:53:00 PM
Chrysene	ND	530		µg/Kg-dry	2.5	6/17/2009 7:53:00 PM
Benzo(b)fluoranthene	ND	530		µg/Kg-dry	2.5	6/17/2009 7:53:00 PM
Benzo(k)fluoranthene	ND	530		µg/Kg-dry	2.5	6/17/2009 7:53:00 PM
Benzo(a)pyrene	ND	530		µg/Kg-dry	2.5	6/17/2009 7:53:00 PM
Dibenz(a,h)anthracene	ND	530		µg/Kg-dry	2.5	6/17/2009 7:53:00 PM
Benzo(g,h,i)perylene	ND	530		µg/Kg-dry	2.5	6/17/2009 7:53:00 PM
Indeno(1,2,3-cd)pyrene	ND	530		µg/Kg-dry	2.5	6/17/2009 7:53:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	2000	3800	J	µg/Kg-dry	1000	6/12/2009 3:00:00 AM
1,3,5-Trimethylbenzene	4800	3800		µg/Kg-dry	1000	6/12/2009 3:00:00 AM
4-Isopropyltoluene	5800	3800		µg/Kg-dry	1000	6/12/2009 3:00:00 AM
Benzene	ND	3800		µg/Kg-dry	1000	6/12/2009 3:00:00 AM
Ethylbenzene	9000	3800		µg/Kg-dry	1000	6/12/2009 3:00:00 AM
Isopropylbenzene	6900	3800		µg/Kg-dry	1000	6/12/2009 3:00:00 AM
m,p-Xylene	5200	3800		µg/Kg-dry	1000	6/12/2009 3:00:00 AM
Methyl tert-butyl ether	ND	3800		µg/Kg-dry	1000	6/12/2009 3:00:00 AM
n-Butylbenzene	5700	3800		µg/Kg-dry	1000	6/12/2009 3:00:00 AM
n-Propylbenzene	7400	3800		µg/Kg-dry	1000	6/12/2009 3:00:00 AM
Naphthalene	5500	3800		µg/Kg-dry	1000	6/12/2009 3:00:00 AM
o-Xylene	ND	3800		µg/Kg-dry	1000	6/12/2009 3:00:00 AM
sec-Butylbenzene	4700	3800		µg/Kg-dry	1000	6/12/2009 3:00:00 AM
tert-Butylbenzene	ND	3800		µg/Kg-dry	1000	6/12/2009 3:00:00 AM
Toluene	ND	3800		µg/Kg-dry	1000	6/12/2009 3:00:00 AM

NOTES:
The reporting limits were raised due to matrix interference.
Petroleum hydrocarbon pattern detected.

PERCENT MOISTURE				**D2216**		Analyst: **VAW**
Percent Moisture	21.7	0.00100		wt%	1	6/11/2009

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: SB-12
Lab Order: U0906181
Collection Date: 6/4/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906181-037
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3550A)**	Analyst: **LD**
Acenaphthene	ND	610		µg/Kg-dry	2.5	6/17/2009 8:37:00 PM
Fluorene	ND	610		µg/Kg-dry	2.5	6/17/2009 8:37:00 PM
Phenanthrene	ND	610		µg/Kg-dry	2.5	6/17/2009 8:37:00 PM
Anthracene	ND	610		µg/Kg-dry	2.5	6/17/2009 8:37:00 PM
Fluoranthene	ND	610		µg/Kg-dry	2.5	6/17/2009 8:37:00 PM
Pyrene	ND	610		µg/Kg-dry	2.5	6/17/2009 8:37:00 PM
Benz(a)anthracene	ND	610		µg/Kg-dry	2.5	6/17/2009 8:37:00 PM
Chrysene	ND	610		µg/Kg-dry	2.5	6/17/2009 8:37:00 PM
Benzo(b)fluoranthene	ND	610		µg/Kg-dry	2.5	6/17/2009 8:37:00 PM
Benzo(k)fluoranthene	ND	610		µg/Kg-dry	2.5	6/17/2009 8:37:00 PM
Benzo(a)pyrene	ND	610		µg/Kg-dry	2.5	6/17/2009 8:37:00 PM
Dibenz(a,h)anthracene	ND	610		µg/Kg-dry	2.5	6/17/2009 8:37:00 PM
Benzo(g,h,i)perylene	ND	610		µg/Kg-dry	2.5	6/17/2009 8:37:00 PM
Indeno(1,2,3-cd)pyrene	ND	610		µg/Kg-dry	2.5	6/17/2009 8:37:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	11	4.5		µg/Kg-dry	1	6/15/2009 7:23:00 PM
1,3,5-Trimethylbenzene	53	4.5		µg/Kg-dry	1	6/15/2009 7:23:00 PM
4-Isopropyltoluene	ND	4.5		µg/Kg-dry	1	6/15/2009 7:23:00 PM
Benzene	ND	4.5		µg/Kg-dry	1	6/15/2009 7:23:00 PM
Ethylbenzene	58	4.5		µg/Kg-dry	1	6/15/2009 7:23:00 PM
Isopropylbenzene	33	4.5		µg/Kg-dry	1	6/15/2009 7:23:00 PM
m,p-Xylene	20	4.5		µg/Kg-dry	1	6/15/2009 7:23:00 PM
Methyl tert-butyl ether	ND	4.5		µg/Kg-dry	1	6/15/2009 7:23:00 PM
n-Butylbenzene	32	4.5		µg/Kg-dry	1	6/15/2009 7:23:00 PM
n-Propylbenzene	ND	4.5		µg/Kg-dry	1	6/15/2009 7:23:00 PM
Naphthalene	ND	4.5		µg/Kg-dry	1	6/15/2009 7:23:00 PM
o-Xylene	3	4.5	J	µg/Kg-dry	1	6/15/2009 7:23:00 PM
sec-Butylbenzene	18	4.5		µg/Kg-dry	1	6/15/2009 7:23:00 PM
tert-Butylbenzene	ND	4.5		µg/Kg-dry	1	6/15/2009 7:23:00 PM
Toluene	ND	4.5		µg/Kg-dry	1	6/15/2009 7:23:00 PM
PERCENT MOISTURE				**D2216**		Analyst: **VAW**
Percent Moisture	32.9	0.00100		wt%	1	6/11/2009

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: SB-14
Lab Order: U0906181
Collection Date: 6/4/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906181-038
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3550A)**	Analyst: **LD**
Acenaphthene	ND	570		µg/Kg-dry	2.5	6/17/2009 9:21:00 PM
Fluorene	ND	570		µg/Kg-dry	2.5	6/17/2009 9:21:00 PM
Phenanthrene	ND	570		µg/Kg-dry	2.5	6/17/2009 9:21:00 PM
Anthracene	ND	570		µg/Kg-dry	2.5	6/17/2009 9:21:00 PM
Fluoranthene	ND	570		µg/Kg-dry	2.5	6/17/2009 9:21:00 PM
Pyrene	ND	570		µg/Kg-dry	2.5	6/17/2009 9:21:00 PM
Benz(a)anthracene	ND	570		µg/Kg-dry	2.5	6/17/2009 9:21:00 PM
Chrysene	ND	570		µg/Kg-dry	2.5	6/17/2009 9:21:00 PM
Benzo(b)fluoranthene	ND	570		µg/Kg-dry	2.5	6/17/2009 9:21:00 PM
Benzo(k)fluoranthene	ND	570		µg/Kg-dry	2.5	6/17/2009 9:21:00 PM
Benzo(a)pyrene	ND	570		µg/Kg-dry	2.5	6/17/2009 9:21:00 PM
Dibenz(a,h)anthracene	ND	570		µg/Kg-dry	2.5	6/17/2009 9:21:00 PM
Benzo(g,h,i)perylene	ND	570		µg/Kg-dry	2.5	6/17/2009 9:21:00 PM
Indeno(1,2,3-cd)pyrene	ND	570		µg/Kg-dry	2.5	6/17/2009 9:21:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				SW8260B		Analyst: **JKS**
1,2,4-Trimethylbenzene	2000	4100	J	µg/Kg-dry	1000	6/12/2009 4:21:00 AM
1,3,5-Trimethylbenzene	4000	4100	J	µg/Kg-dry	1000	6/12/2009 4:21:00 AM
4-Isopropyltoluene	4600	4100		µg/Kg-dry	1000	6/12/2009 4:21:00 AM
Benzene	ND	4100		µg/Kg-dry	1000	6/12/2009 4:21:00 AM
Ethylbenzene	ND	4100		µg/Kg-dry	1000	6/12/2009 4:21:00 AM
Isopropylbenzene	5500	4100		µg/Kg-dry	1000	6/12/2009 4:21:00 AM
m,p-Xylene	ND	4100		µg/Kg-dry	1000	6/12/2009 4:21:00 AM
Methyl tert-butyl ether	ND	4100		µg/Kg-dry	1000	6/12/2009 4:21:00 AM
n-Butylbenzene	4800	4100		µg/Kg-dry	1000	6/12/2009 4:21:00 AM
n-Propylbenzene	5100	4100		µg/Kg-dry	1000	6/12/2009 4:21:00 AM
Naphthalene	ND	4100		µg/Kg-dry	1000	6/12/2009 4:21:00 AM
o-Xylene	ND	4100		µg/Kg-dry	1000	6/12/2009 4:21:00 AM
sec-Butylbenzene	4600	4100		µg/Kg-dry	1000	6/12/2009 4:21:00 AM
tert-Butylbenzene	ND	4100		µg/Kg-dry	1000	6/12/2009 4:21:00 AM
Toluene	ND	4100		µg/Kg-dry	1000	6/12/2009 4:21:00 AM

NOTES:
The reporting limits were raised due to matrix interference.
Petroleum hydrocarbon pattern detected.

PERCENT MOISTURE				D2216		Analyst: **VAW**
Percent Moisture	27.4	0.00100		wt%	1	6/11/2009

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT:	NYSDEC - Region 6	**Client Sample ID:**	Trip Blank
Lab Order:	U0906181	**Collection Date:**	6/4/2009
Project:	Matt/Grace Petroleum, Spill #88-09026		
Lab ID:	U0906181-039	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	3.0		µg/L	1	6/10/2009 6:44:00 PM
1,3,5-Trimethylbenzene	ND	3.0		µg/L	1	6/10/2009 6:44:00 PM
4-Isopropyltoluene	ND	3.0		µg/L	1	6/10/2009 6:44:00 PM
Benzene	ND	3.0		µg/L	1	6/10/2009 6:44:00 PM
Ethylbenzene	ND	3.0		µg/L	1	6/10/2009 6:44:00 PM
Isopropylbenzene	ND	3.0		µg/L	1	6/10/2009 6:44:00 PM
m,p-Xylene	ND	3.0		µg/L	1	6/10/2009 6:44:00 PM
Methyl tert-butyl ether	ND	3.0		µg/L	1	6/10/2009 6:44:00 PM
n-Butylbenzene	ND	3.0		µg/L	1	6/10/2009 6:44:00 PM
n-Propylbenzene	ND	3.0		µg/L	1	6/10/2009 6:44:00 PM
Naphthalene	ND	3.0		µg/L	1	6/10/2009 6:44:00 PM
o-Xylene	ND	3.0		µg/L	1	6/10/2009 6:44:00 PM
sec-Butylbenzene	ND	3.0		µg/L	1	6/10/2009 6:44:00 PM
tert-Butylbenzene	ND	3.0		µg/L	1	6/10/2009 6:44:00 PM
Toluene	ND	3.0		µg/L	1	6/10/2009 6:44:00 PM

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

6034 Corporate Drive E. Syracuse New York 13057
(315) 437 0255 Fax 437 1209

Chain of Custody Record

QC Format

Office use only
Approved date:

Client: NYS DEC Reg 6

Project #/ Project Name: SP:8809026/PIN:93296, Mott Petroleum

Client Contact: Pete Oudekirk

Phone #

Location (city/state) Address: Leland Ave, Utica NY

Sample ID	Date	Time	Matrix (SOIL)	GRAB or COMP	ULI Internal Use Only	No. of Containers	1) 8260 Stars	2) 8270 Stars	3) PM01ST	4)	5)	6)	7)	8)	9)	10)	Remarks
WB-1	6/5/09	PM	~~SOIL~~	G	U09061816	5	X	X	X								SOIL
WB-2		PM			17												
WB-3		PM			18												
WB-4		PM			19												
WB-5		PM			20												
WB-6		PM			21												
WB-7		PM			22												
WB-8		AM			23												
WB-9		AM			24												
WB-10		AM			25												
WB-11		AM			26												
WB-12		AM			27												
WB-13		AM			28												
WB-14		AM			29												

Parameter and Method	Sample bottle:	Type	Size	Preservative
				ice, HCl

Sampled by (Print): Michael Colapinto
Company: OP-TECH

Name of Courier

Relinquished by:(sign)	Date	Time	Received by: (sign)
	6/8/09	~~6:00~~ AM	
Relinquished by:(sign)	Date	Time	Received by: (sign)
	6/9/09	0840	
Relinquished by:(sign)	Date	Time	Rec'd for Lab by:
	6/9/09	0840	K Crump

file Date

Rochester Buffalo **Albany** Binghamton New Jersey

Upstate Laboratories, Inc.

6034 Corporate Drive E. Syracuse New York 13057
(315) 437 0255 Fax 437 1209

Chain of Custody Record

QC Format

Office use only
Approved date:

Client: NYS DEC Reg 6

Project #/ Project Name: sp#880926/PIN:93296, Matt Petroleum

Client Contact: Pete Ouderkirk

Phone # 315 785-2513

Location (city/state) Address: Leland Ave, Utica, NY

Sample ID	Date	Time	Matrix	GRAB or COMP	ULI Internal Use Only	No. of Containers	1) 8260 Stars	2) 8270 Stars	3) PHOIST	4)	5)	6)	7)	8)	9)	10)	Remarks
SB-1	6/9/09	AM	Soil	G	30	2	X	X	X								
SB-2		AM			31	2											
SB-3		AM			32	2											
SB-4		AM			33	1											
SB-5		AM			34	2											
SB-6		PM			35	1											
SB-11		PM			36	2				—							
SB-12		PM			37	2											
SB-14		PM			38	1											
(Trip Blank) Rec 6/10/09	(6-4-09)		(Water)	(grab)	39	1	(X)										

Parameter and Method	Sample bottle:	Type	Size	Preservative

Sampled by (Print): Michael Colapinto
Company: OP-TECH

Name of Courier

	Date	Time	
Relinquished by: (sign)	6/8/09	16:00	Received by: (sign)
Relinquished by: (sign)	6/9/09	8:40	Received by: (sign)
Relinquished by: (sign)	6/9/09	0840	Rec'd for Lab by:

file Date

Rochester Buffalo **Albany** Binghamton New Jersey

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Jul-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: WB-15
Lab Order: U0906407
Collection Date: 6/16/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906407-008
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS			**SW8270C**		**(SW3550A)**	Analyst: **LD**
Acenaphthene	ND	640		µg/Kg-dry	2.5	6/29/2009 5:36:00 PM
Fluorene	ND	640		µg/Kg-dry	2.5	6/29/2009 5:36:00 PM
Phenanthrene	ND	640		µg/Kg-dry	2.5	6/29/2009 5:36:00 PM
Anthracene	ND	640		µg/Kg-dry	2.5	6/29/2009 5:36:00 PM
Fluoranthene	ND	640		µg/Kg-dry	2.5	6/29/2009 5:36:00 PM
Pyrene	ND	640		µg/Kg-dry	2.5	6/29/2009 5:36:00 PM
Benz(a)anthracene	ND	640		µg/Kg-dry	2.5	6/29/2009 5:36:00 PM
Chrysene	ND	640		µg/Kg-dry	2.5	6/29/2009 5:36:00 PM
Benzo(b)fluoranthene	ND	640		µg/Kg-dry	2.5	6/29/2009 5:36:00 PM
Benzo(k)fluoranthene	ND	640		µg/Kg-dry	2.5	6/29/2009 5:36:00 PM
Benzo(a)pyrene	ND	640		µg/Kg-dry	2.5	6/29/2009 5:36:00 PM
Dibenz(a,h)anthracene	ND	640		µg/Kg-dry	2.5	6/29/2009 5:36:00 PM
Benzo(g,h,i)perylene	ND	640		µg/Kg-dry	2.5	6/29/2009 5:36:00 PM
Indeno(1,2,3-cd)pyrene	ND	640		µg/Kg-dry	2.5	6/29/2009 5:36:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST			**SW8260B**			Analyst: **LEF**
1,2,4-Trimethylbenzene	ND	9.4		µg/Kg-dry	2	6/30/2009 5:16:00 PM
1,3,5-Trimethylbenzene	ND	9.4		µg/Kg-dry	2	6/30/2009 5:16:00 PM
4-Isopropyltoluene	ND	9.4		µg/Kg-dry	2	6/30/2009 5:16:00 PM
Benzene	ND	9.4		µg/Kg-dry	2	6/30/2009 5:16:00 PM
Ethylbenzene	ND	9.4		µg/Kg-dry	2	6/30/2009 5:16:00 PM
Isopropylbenzene	ND	9.4		µg/Kg-dry	2	6/30/2009 5:16:00 PM
m,p-Xylene	ND	9.4		µg/Kg-dry	2	6/30/2009 5:16:00 PM
Methyl tert-butyl ether	ND	9.4		µg/Kg-dry	2	6/30/2009 5:16:00 PM
n-Butylbenzene	ND	9.4		µg/Kg-dry	2	6/30/2009 5:16:00 PM
n-Propylbenzene	ND	9.4		µg/Kg-dry	2	6/30/2009 5:16:00 PM
Naphthalene	ND	9.4		µg/Kg-dry	2	6/30/2009 5:16:00 PM
o-Xylene	ND	9.4		µg/Kg-dry	2	6/30/2009 5:16:00 PM
sec-Butylbenzene	ND	9.4		µg/Kg-dry	2	6/30/2009 5:16:00 PM
tert-Butylbenzene	ND	9.4		µg/Kg-dry	2	6/30/2009 5:16:00 PM
Toluene	ND	9.4		µg/Kg-dry	2	6/30/2009 5:16:00 PM

NOTES:
The reporting limits were raised due to matrix interference.
Low quality control recoveries were observed at a lower dilution.

PERCENT MOISTURE			**D2216**			Analyst: **VAW**
Percent Moisture	36.0	0.00100		wt%	1	6/23/2009

Approved By: PFF **Date:** 7-15-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Jul-09*

CLIENT:	NYSDEC - Region 6	**Client Sample ID:**	WB-16
Lab Order:	U0906407	**Collection Date:**	6/16/2009
Project:	Matt/Grace Petroleum, Spill #88-09026		
Lab ID:	U0906407-009	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS			**SW8270C**		**(SW3550A)**	Analyst: **LD**
Acenaphthene	ND	750		µg/Kg-dry	2.5	6/29/2009 6:20:00 PM
Fluorene	ND	750		µg/Kg-dry	2.5	6/29/2009 6:20:00 PM
Phenanthrene	ND	750		µg/Kg-dry	2.5	6/29/2009 6:20:00 PM
Anthracene	ND	750		µg/Kg-dry	2.5	6/29/2009 6:20:00 PM
Fluoranthene	ND	750		µg/Kg-dry	2.5	6/29/2009 6:20:00 PM
Pyrene	ND	750		µg/Kg-dry	2.5	6/29/2009 6:20:00 PM
Benz(a)anthracene	ND	750		µg/Kg-dry	2.5	6/29/2009 6:20:00 PM
Chrysene	ND	750		µg/Kg-dry	2.5	6/29/2009 6:20:00 PM
Benzo(b)fluoranthene	ND	750		µg/Kg-dry	2.5	6/29/2009 6:20:00 PM
Benzo(k)fluoranthene	ND	750		µg/Kg-dry	2.5	6/29/2009 6:20:00 PM
Benzo(a)pyrene	ND	750		µg/Kg-dry	2.5	6/29/2009 6:20:00 PM
Dibenz(a,h)anthracene	ND	750		µg/Kg-dry	2.5	6/29/2009 6:20:00 PM
Benzo(g,h,i)perylene	ND	750		µg/Kg-dry	2.5	6/29/2009 6:20:00 PM
Indeno(1,2,3-cd)pyrene	ND	750		µg/Kg-dry	2.5	6/29/2009 6:20:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST			**SW8260B**			Analyst: **JKS**
1,2,4-Trimethylbenzene	1000	540		µg/Kg-dry	100	6/25/2009 7:30:00 PM
1,3,5-Trimethylbenzene	800	540		µg/Kg-dry	100	6/25/2009 7:30:00 PM
4-Isopropyltoluene	ND	540		µg/Kg-dry	100	6/25/2009 7:30:00 PM
Benzene	ND	540		µg/Kg-dry	100	6/25/2009 7:30:00 PM
Ethylbenzene	ND	540		µg/Kg-dry	100	6/25/2009 7:30:00 PM
Isopropylbenzene	ND	540		µg/Kg-dry	100	6/25/2009 7:30:00 PM
m,p-Xylene	1200	540		µg/Kg-dry	100	6/25/2009 7:30:00 PM
Methyl tert-butyl ether	ND	540		µg/Kg-dry	100	6/25/2009 7:30:00 PM
n-Butylbenzene	ND	540		µg/Kg-dry	100	6/25/2009 7:30:00 PM
n-Propylbenzene	670	540		µg/Kg-dry	100	6/25/2009 7:30:00 PM
Naphthalene	1300	540		µg/Kg-dry	100	6/25/2009 7:30:00 PM
o-Xylene	ND	540		µg/Kg-dry	100	6/25/2009 7:30:00 PM
sec-Butylbenzene	ND	540		µg/Kg-dry	100	6/25/2009 7:30:00 PM
tert-Butylbenzene	ND	540		µg/Kg-dry	100	6/25/2009 7:30:00 PM
Toluene	ND	540		µg/Kg-dry	100	6/25/2009 7:30:00 PM

NOTES:
The reporting limits were raised due to matrix interference.
Petroleum hydrocarbon pattern detected.

PERCENT MOISTURE			**D2216**			Analyst: **VAW**
Percent Moisture	44.7	0.00100		wt%	1	6/23/2009

Approved By: PFF **Date:** 7-15-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Jul-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: WB-17
Lab Order: U0906407
Collection Date: 6/16/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906407-010
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3550A)**	Analyst: **LD**
Acenaphthene	ND	720		µg/Kg-dry	2.5	6/29/2009 7:04:00 PM
Fluorene	ND	720		µg/Kg-dry	2.5	6/29/2009 7:04:00 PM
Phenanthrene	ND	720		µg/Kg-dry	2.5	6/29/2009 7:04:00 PM
Anthracene	ND	720		µg/Kg-dry	2.5	6/29/2009 7:04:00 PM
Fluoranthene	ND	720		µg/Kg-dry	2.5	6/29/2009 7:04:00 PM
Pyrene	ND	720		µg/Kg-dry	2.5	6/29/2009 7:04:00 PM
Benz(a)anthracene	ND	720		µg/Kg-dry	2.5	6/29/2009 7:04:00 PM
Chrysene	ND	720		µg/Kg-dry	2.5	6/29/2009 7:04:00 PM
Benzo(b)fluoranthene	ND	720		µg/Kg-dry	2.5	6/29/2009 7:04:00 PM
Benzo(k)fluoranthene	ND	720		µg/Kg-dry	2.5	6/29/2009 7:04:00 PM
Benzo(a)pyrene	ND	720		µg/Kg-dry	2.5	6/29/2009 7:04:00 PM
Dibenz(a,h)anthracene	ND	720		µg/Kg-dry	2.5	6/29/2009 7:04:00 PM
Benzo(g,h,i)perylene	ND	720		µg/Kg-dry	2.5	6/29/2009 7:04:00 PM
Indeno(1,2,3-cd)pyrene	ND	720		µg/Kg-dry	2.5	6/29/2009 7:04:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				SW8260B		Analyst: **LEF**
1,2,4-Trimethylbenzene	ND	10		µg/Kg-dry	2	6/30/2009 5:55:00 PM
1,3,5-Trimethylbenzene	ND	10		µg/Kg-dry	2	6/30/2009 5:55:00 PM
4-Isopropyltoluene	ND	10		µg/Kg-dry	2	6/30/2009 5:55:00 PM
Benzene	ND	10		µg/Kg-dry	2	6/30/2009 5:55:00 PM
Ethylbenzene	ND	10		µg/Kg-dry	2	6/30/2009 5:55:00 PM
Isopropylbenzene	ND	10		µg/Kg-dry	2	6/30/2009 5:55:00 PM
m,p-Xylene	ND	10		µg/Kg-dry	2	6/30/2009 5:55:00 PM
Methyl tert-butyl ether	ND	10		µg/Kg-dry	2	6/30/2009 5:55:00 PM
n-Butylbenzene	ND	10		µg/Kg-dry	2	6/30/2009 5:55:00 PM
n-Propylbenzene	ND	10		µg/Kg-dry	2	6/30/2009 5:55:00 PM
Naphthalene	ND	10		µg/Kg-dry	2	6/30/2009 5:55:00 PM
o-Xylene	ND	10		µg/Kg-dry	2	6/30/2009 5:55:00 PM
sec-Butylbenzene	ND	10		µg/Kg-dry	2	6/30/2009 5:55:00 PM
tert-Butylbenzene	ND	10		µg/Kg-dry	2	6/30/2009 5:55:00 PM
Toluene	ND	10		µg/Kg-dry	2	6/30/2009 5:55:00 PM

NOTES:
The reporting limits were raised due to matrix interference.
Low quality control recoveries were observed at a lower dilution.

PERCENT MOISTURE				D2216		Analyst: **VAW**
Percent Moisture	42.7	0.00100		wt%	1	6/23/2009

Approved By: PFF **Date:** 7-15-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Jul-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: WB-18
Lab Order: U0906407
Collection Date: 6/16/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906407-011
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3550A)**	Analyst: **LD**
Acenaphthene	ND	1000		µg/Kg-dry	2.5	6/29/2009 7:47:00 PM
Fluorene	ND	1000		µg/Kg-dry	2.5	6/29/2009 7:47:00 PM
Phenanthrene	200	1000	J	µg/Kg-dry	2.5	6/29/2009 7:47:00 PM
Anthracene	ND	1000		µg/Kg-dry	2.5	6/29/2009 7:47:00 PM
Fluoranthene	ND	1000		µg/Kg-dry	2.5	6/29/2009 7:47:00 PM
Pyrene	ND	1000		µg/Kg-dry	2.5	6/29/2009 7:47:00 PM
Benz(a)anthracene	ND	1000		µg/Kg-dry	2.5	6/29/2009 7:47:00 PM
Chrysene	ND	1000		µg/Kg-dry	2.5	6/29/2009 7:47:00 PM
Benzo(b)fluoranthene	ND	1000		µg/Kg-dry	2.5	6/29/2009 7:47:00 PM
Benzo(k)fluoranthene	ND	1000		µg/Kg-dry	2.5	6/29/2009 7:47:00 PM
Benzo(a)pyrene	ND	1000		µg/Kg-dry	2.5	6/29/2009 7:47:00 PM
Dibenz(a,h)anthracene	ND	1000		µg/Kg-dry	2.5	6/29/2009 7:47:00 PM
Benzo(g,h,i)perylene	ND	1000		µg/Kg-dry	2.5	6/29/2009 7:47:00 PM
Indeno(1,2,3-cd)pyrene	ND	1000		µg/Kg-dry	2.5	6/29/2009 7:47:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **LEF**
1,2,4-Trimethylbenzene	ND	380		µg/Kg-dry	100	6/24/2009 6:17:00 PM
1,3,5-Trimethylbenzene	ND	380		µg/Kg-dry	100	6/24/2009 6:17:00 PM
4-Isopropyltoluene	ND	380		µg/Kg-dry	100	6/24/2009 6:17:00 PM
Benzene	ND	380		µg/Kg-dry	100	6/24/2009 6:17:00 PM
Ethylbenzene	ND	380		µg/Kg-dry	100	6/24/2009 6:17:00 PM
Isopropylbenzene	ND	380		µg/Kg-dry	100	6/24/2009 6:17:00 PM
m,p-Xylene	ND	380		µg/Kg-dry	100	6/24/2009 6:17:00 PM
Methyl tert-butyl ether	ND	380		µg/Kg-dry	100	6/24/2009 6:17:00 PM
n-Butylbenzene	ND	380		µg/Kg-dry	100	6/24/2009 6:17:00 PM
n-Propylbenzene	ND	380		µg/Kg-dry	100	6/24/2009 6:17:00 PM
Naphthalene	410	380		µg/Kg-dry	100	6/24/2009 6:17:00 PM
o-Xylene	ND	380		µg/Kg-dry	100	6/24/2009 6:17:00 PM
sec-Butylbenzene	ND	380		µg/Kg-dry	100	6/24/2009 6:17:00 PM
tert-Butylbenzene	ND	380		µg/Kg-dry	100	6/24/2009 6:17:00 PM
Toluene	ND	380		µg/Kg-dry	100	6/24/2009 6:17:00 PM

NOTES:
The reporting limits were raised due to matrix interference.
Petroleum hydrocarbon pattern detected.

PERCENT MOISTURE				**D2216**		Analyst: **VAW**
Percent Moisture	20.5	0.00100		wt%	1	6/23/2009

Approved By: PFF **Date:** 7-15-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Jul-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: WB-19
Lab Order: U0906407
Collection Date: 6/16/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906407-012
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS			**SW8270C**		**(SW3550A)**	Analyst: **LD**
Acenaphthene	ND	710		µg/Kg-dry	2.5	6/29/2009 8:31:00 PM
Fluorene	ND	710		µg/Kg-dry	2.5	6/29/2009 8:31:00 PM
Phenanthrene	ND	710		µg/Kg-dry	2.5	6/29/2009 8:31:00 PM
Anthracene	ND	710		µg/Kg-dry	2.5	6/29/2009 8:31:00 PM
Fluoranthene	ND	710		µg/Kg-dry	2.5	6/29/2009 8:31:00 PM
Pyrene	ND	710		µg/Kg-dry	2.5	6/29/2009 8:31:00 PM
Benz(a)anthracene	ND	710		µg/Kg-dry	2.5	6/29/2009 8:31:00 PM
Chrysene	ND	710		µg/Kg-dry	2.5	6/29/2009 8:31:00 PM
Benzo(b)fluoranthene	ND	710		µg/Kg-dry	2.5	6/29/2009 8:31:00 PM
Benzo(k)fluoranthene	ND	710		µg/Kg-dry	2.5	6/29/2009 8:31:00 PM
Benzo(a)pyrene	ND	710		µg/Kg-dry	2.5	6/29/2009 8:31:00 PM
Dibenz(a,h)anthracene	ND	710		µg/Kg-dry	2.5	6/29/2009 8:31:00 PM
Benzo(g,h,i)perylene	ND	710		µg/Kg-dry	2.5	6/29/2009 8:31:00 PM
Indeno(1,2,3-cd)pyrene	ND	710		µg/Kg-dry	2.5	6/29/2009 8:31:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST			**SW8260B**			Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	10		µg/Kg-dry	2	7/1/2009 10:19:00 PM
1,3,5-Trimethylbenzene	ND	10		µg/Kg-dry	2	7/1/2009 10:19:00 PM
4-Isopropyltoluene	ND	10		µg/Kg-dry	2	7/1/2009 10:19:00 PM
Benzene	ND	10		µg/Kg-dry	2	7/1/2009 10:19:00 PM
Ethylbenzene	ND	10		µg/Kg-dry	2	7/1/2009 10:19:00 PM
Isopropylbenzene	ND	10		µg/Kg-dry	2	7/1/2009 10:19:00 PM
m,p-Xylene	ND	10		µg/Kg-dry	2	7/1/2009 10:19:00 PM
Methyl tert-butyl ether	ND	10		µg/Kg-dry	2	7/1/2009 10:19:00 PM
n-Butylbenzene	ND	10		µg/Kg-dry	2	7/1/2009 10:19:00 PM
n-Propylbenzene	ND	10		µg/Kg-dry	2	7/1/2009 10:19:00 PM
Naphthalene	ND	10		µg/Kg-dry	2	7/1/2009 10:19:00 PM
o-Xylene	ND	10		µg/Kg-dry	2	7/1/2009 10:19:00 PM
sec-Butylbenzene	ND	10		µg/Kg-dry	2	7/1/2009 10:19:00 PM
tert-Butylbenzene	ND	10		µg/Kg-dry	2	7/1/2009 10:19:00 PM
Toluene	ND	10		µg/Kg-dry	2	7/1/2009 10:19:00 PM

NOTES:
The reporting limits were raised due to matrix interference.
Low quality control recoveries were observed at a lower dilution.
Internal standard recoveries failed low established QC limits but no target compounds observed in the sample.
Sample analyzed over hold time; previous analysis within hold time exhibited unacceptable quality control characteristics.

PERCENT MOISTURE	**D2216**	Analyst: **VAW**

Approved By: PFF **Date:** 7-15-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Jul-09*

CLIENT:	NYSDEC - Region 6	**Client Sample ID:**	WB-19
Lab Order:	U0906407	**Collection Date:**	6/16/2009
Project:	Matt/Grace Petroleum, Spill #88-09026		
Lab ID:	U0906407-012	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE				**D2216**		Analyst: **VAW**
Percent Moisture	42.0	0.00100		wt%	1	6/23/2009

Approved By: PFF **Date:** 7-15-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Jul-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: Trip Blanks
Lab Order: U0906407
Collection Date: 6/16/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906407-013
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS STARS LIST			**SW8260B**			Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	3.0		µg/L	1	6/22/2009 9:29:00 PM
1,3,5-Trimethylbenzene	ND	3.0		µg/L	1	6/22/2009 9:29:00 PM
4-Isopropyltoluene	ND	3.0		µg/L	1	6/22/2009 9:29:00 PM
Benzene	ND	3.0		µg/L	1	6/22/2009 9:29:00 PM
Ethylbenzene	ND	3.0		µg/L	1	6/22/2009 9:29:00 PM
Isopropylbenzene	ND	3.0		µg/L	1	6/22/2009 9:29:00 PM
m,p-Xylene	ND	3.0		µg/L	1	6/22/2009 9:29:00 PM
Methyl tert-butyl ether	ND	3.0		µg/L	1	6/22/2009 9:29:00 PM
n-Butylbenzene	ND	3.0		µg/L	1	6/22/2009 9:29:00 PM
n-Propylbenzene	ND	3.0		µg/L	1	6/22/2009 9:29:00 PM
Naphthalene	ND	3.0		µg/L	1	6/22/2009 9:29:00 PM
o-Xylene	ND	3.0		µg/L	1	6/22/2009 9:29:00 PM
sec-Butylbenzene	ND	3.0		µg/L	1	6/22/2009 9:29:00 PM
tert-Butylbenzene	ND	3.0		µg/L	1	6/22/2009 9:29:00 PM
Toluene	ND	3.0		µg/L	1	6/22/2009 9:29:00 PM

Approved By: PFF **Date:** 7-15-09

Qualifiers:

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

Upstate Laboratories, Inc.

6034 Corporate Drive E. Syracuse New York 13057
(315) 437 0255 Fax 437 1209

Chain of Custody Record

QC Format

Office use only
Approved date:

Client: NYS DEC Reg 6

Project #/ Project Name: 8809026/93296/Matt Petroleum

Client Contact: Pete Ouderkirk

Phone # 315 793-2520

Location (city/state) Address: Leland Ave, Utica NY

Sample ID	Date	Time	Matrix	GRAB or COMP	ULI Internal Use Only	No. of Containers	8260 stars 1)	8270 stars 2)	% Moisture 3)	4)	5)	6)	7)	8)	9)	10)	Remarks
			Regular		U09026407	25											
WB-15	6/16/09	AM	H2O/Soil	G/C	8		X	X	X								
WB-16		AM			9				X								
WB-17		PM			10				X								
WB-18		PM			11				X								
WB-19		PM			12				X								
WB-6		AM	H2O	G		3	X	X		—							No Charge - re-runs
WB-13		AM	"	G		"	X	X									" "

Parameter and Method	Sample bottle:	Type	Size	Preservative
	file		Date	

Sampled by (Print): Michael Colapinto
Company: OP-TECH

Name of Courier: Velocity

	Date	Time	
Relinquished by:(sign)	6/16/09	~~4PM~~ 1230	Received by: (sign)
Relinquished by:(sign)	6/17/09	5 00	Received by: (sign)
Relinquished by:(sign)	6-18-09	0830	Rec'd for Lab by:

Rochester Buffalo Albany Binghamton New Jersey

GROUNDWATER LABORATORY ANALYSIS REPORT

Upstate Laboratories, Inc.

Shipping: 6034 Corporate Dr. * E. Syracuse, NY 13057-1017 * (315) 437-0255 * Fax (315) 437-1209
Mailing: Box 169 * Syracuse, NY 13206
Albany (518) 459-3134 * Binghamton (607) 724-0478 * Buffalo (716) 972-0371
Rochester (866) 437-0255 * New Jersey (908) 247-4313

Mr. Peter Ouderkirk, P.E.
NYSDEC - Region 6
Dulles State Office Bldg.
317 Washington St.
Watertown, NY 13601

Wednesday, July 15, 2009

RE: Analytical Report: Order No.: U0906407
Matt/Grace Petroleum, Spill #88-09026

Dear Mr. Peter Ouderkirk, P.E.:

Upstate Laboratories, Inc. received 13 sample(s) on 6/18/2009 for the analyses presented in the following report.

All analytical results relate to the samples as received by the laboratory.

All analytical data conforms with standard approved methodologies and quality control. Our quality control narrative will be included should any anomalies occur.

We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your samples. Samples will be disposed of approximately one month from final report date.

Should you have any questions regarding these tests, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.
AJS (PFF)
Anthony J. Scala
President/CEO

CC:
Joseph Naselli, Op-Tech (Albany): copy report

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Jul-09*

CLIENT:	NYSDEC - Region 6	**Client Sample ID:**	WB-15
Lab Order:	U0906407	**Collection Date:**	6/16/2009
Project:	Matt/Grace Petroleum, Spill #88-09026		
Lab ID:	U0906407-001	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3510)**	Analyst: **LD**
Acenaphthene	ND	5.0		µg/L	1	6/29/2009 1:11:00 PM
Fluorene	ND	5.0		µg/L	1	6/29/2009 1:11:00 PM
Phenanthrene	ND	5.0		µg/L	1	6/29/2009 1:11:00 PM
Anthracene	ND	5.0		µg/L	1	6/29/2009 1:11:00 PM
Fluoranthene	ND	5.0		µg/L	1	6/29/2009 1:11:00 PM
Pyrene	ND	5.0		µg/L	1	6/29/2009 1:11:00 PM
Benz(a)anthracene	ND	5.0		µg/L	1	6/29/2009 1:11:00 PM
Chrysene	ND	5.0		µg/L	1	6/29/2009 1:11:00 PM
Benzo(b)fluoranthene	ND	5.0		µg/L	1	6/29/2009 1:11:00 PM
Benzo(k)fluoranthene	ND	5.0		µg/L	1	6/29/2009 1:11:00 PM
Benzo(a)pyrene	ND	5.0		µg/L	1	6/29/2009 1:11:00 PM
Dibenz(a,h)anthracene	ND	5.0		µg/L	1	6/29/2009 1:11:00 PM
Benzo(g,h,i)perylene	ND	5.0		µg/L	1	6/29/2009 1:11:00 PM
Indeno(1,2,3-cd)pyrene	ND	5.0		µg/L	1	6/29/2009 1:11:00 PM
VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	3.0		µg/L	1	6/23/2009 1:34:00 AM
1,3,5-Trimethylbenzene	ND	3.0		µg/L	1	6/23/2009 1:34:00 AM
4-Isopropyltoluene	ND	3.0		µg/L	1	6/23/2009 1:34:00 AM
Benzene	ND	3.0		µg/L	1	6/23/2009 1:34:00 AM
Ethylbenzene	ND	3.0		µg/L	1	6/23/2009 1:34:00 AM
Isopropylbenzene	ND	3.0		µg/L	1	6/23/2009 1:34:00 AM
m,p-Xylene	ND	3.0		µg/L	1	6/23/2009 1:34:00 AM
Methyl tert-butyl ether	ND	3.0		µg/L	1	6/23/2009 1:34:00 AM
n-Butylbenzene	ND	3.0		µg/L	1	6/23/2009 1:34:00 AM
n-Propylbenzene	ND	3.0		µg/L	1	6/23/2009 1:34:00 AM
Naphthalene	ND	3.0		µg/L	1	6/23/2009 1:34:00 AM
o-Xylene	ND	3.0		µg/L	1	6/23/2009 1:34:00 AM
sec-Butylbenzene	ND	3.0		µg/L	1	6/23/2009 1:34:00 AM
tert-Butylbenzene	ND	3.0		µg/L	1	6/23/2009 1:34:00 AM
Toluene	3	3.0	J	µg/L	1	6/23/2009 1:34:00 AM

Approved By: PFF **Date:** 7-15-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *24-Jul-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: WB-16
Lab Order: U0906407
Collection Date: 6/16/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906407-002
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3510)**	Analyst: **LD**
Acenaphthene	ND	5.0	H	µg/L	1	7/22/2009 1:56:00 AM
Fluorene	ND	5.0	H	µg/L	1	7/22/2009 1:56:00 AM
Phenanthrene	ND	5.0	H	µg/L	1	7/22/2009 1:56:00 AM
Anthracene	ND	5.0	H	µg/L	1	7/22/2009 1:56:00 AM
Fluoranthene	ND	5.0	H	µg/L	1	7/22/2009 1:56:00 AM
Pyrene	ND	5.0	H	µg/L	1	7/22/2009 1:56:00 AM
Benz(a)anthracene	ND	5.0	H	µg/L	1	7/22/2009 1:56:00 AM
Chrysene	ND	5.0	H	µg/L	1	7/22/2009 1:56:00 AM
Benzo(b)fluoranthene	ND	5.0	H	µg/L	1	7/22/2009 1:56:00 AM
Benzo(k)fluoranthene	ND	5.0	H	µg/L	1	7/22/2009 1:56:00 AM
Benzo(a)pyrene	ND	5.0	H	µg/L	1	7/22/2009 1:56:00 AM
Dibenz(a,h)anthracene	ND	5.0	H	µg/L	1	7/22/2009 1:56:00 AM
Benzo(g,h,i)perylene	ND	5.0	H	µg/L	1	7/22/2009 1:56:00 AM
Indeno(1,2,3-cd)pyrene	ND	5.0	H	µg/L	1	7/22/2009 1:56:00 AM
VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	3.0		µg/L	1	6/23/2009 11:51:00 PM
1,3,5-Trimethylbenzene	ND	3.0		µg/L	1	6/23/2009 11:51:00 PM
4-Isopropyltoluene	ND	3.0		µg/L	1	6/23/2009 11:51:00 PM
Benzene	ND	3.0		µg/L	1	6/23/2009 11:51:00 PM
Ethylbenzene	ND	3.0		µg/L	1	6/23/2009 11:51:00 PM
Isopropylbenzene	ND	3.0		µg/L	1	6/23/2009 11:51:00 PM
m,p-Xylene	ND	3.0		µg/L	1	6/23/2009 11:51:00 PM
Methyl tert-butyl ether	ND	3.0		µg/L	1	6/23/2009 11:51:00 PM
n-Butylbenzene	ND	3.0		µg/L	1	6/23/2009 11:51:00 PM
n-Propylbenzene	ND	3.0		µg/L	1	6/23/2009 11:51:00 PM
Naphthalene	ND	3.0		µg/L	1	6/23/2009 11:51:00 PM
o-Xylene	ND	3.0		µg/L	1	6/23/2009 11:51:00 PM
sec-Butylbenzene	ND	3.0		µg/L	1	6/23/2009 11:51:00 PM
tert-Butylbenzene	ND	3.0		µg/L	1	6/23/2009 11:51:00 PM
Toluene	ND	3.0		µg/L	1	6/23/2009 11:51:00 PM

Approved By: PFF **Date:** 7-24-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Jul-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: WB-17
Lab Order: U0906407
Collection Date: 6/16/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906407-003
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3510)**	Analyst: **LD**
Acenaphthene	ND	5.0		µg/L	1	6/29/2009 1:55:00 PM
Fluorene	ND	5.0		µg/L	1	6/29/2009 1:55:00 PM
Phenanthrene	ND	5.0		µg/L	1	6/29/2009 1:55:00 PM
Anthracene	ND	5.0		µg/L	1	6/29/2009 1:55:00 PM
Fluoranthene	ND	5.0		µg/L	1	6/29/2009 1:55:00 PM
Pyrene	ND	5.0		µg/L	1	6/29/2009 1:55:00 PM
Benz(a)anthracene	ND	5.0		µg/L	1	6/29/2009 1:55:00 PM
Chrysene	ND	5.0		µg/L	1	6/29/2009 1:55:00 PM
Benzo(b)fluoranthene	ND	5.0		µg/L	1	6/29/2009 1:55:00 PM
Benzo(k)fluoranthene	ND	5.0		µg/L	1	6/29/2009 1:55:00 PM
Benzo(a)pyrene	ND	5.0		µg/L	1	6/29/2009 1:55:00 PM
Dibenz(a,h)anthracene	ND	5.0		µg/L	1	6/29/2009 1:55:00 PM
Benzo(g,h,i)perylene	ND	5.0		µg/L	1	6/29/2009 1:55:00 PM
Indeno(1,2,3-cd)pyrene	ND	5.0		µg/L	1	6/29/2009 1:55:00 PM
VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	3.0		µg/L	1	6/23/2009 2:55:00 AM
1,3,5-Trimethylbenzene	ND	3.0		µg/L	1	6/23/2009 2:55:00 AM
4-Isopropyltoluene	ND	3.0		µg/L	1	6/23/2009 2:55:00 AM
Benzene	ND	3.0		µg/L	1	6/23/2009 2:55:00 AM
Ethylbenzene	ND	3.0		µg/L	1	6/23/2009 2:55:00 AM
Isopropylbenzene	ND	3.0		µg/L	1	6/23/2009 2:55:00 AM
m,p-Xylene	ND	3.0		µg/L	1	6/23/2009 2:55:00 AM
Methyl tert-butyl ether	ND	3.0		µg/L	1	6/23/2009 2:55:00 AM
n-Butylbenzene	ND	3.0		µg/L	1	6/23/2009 2:55:00 AM
n-Propylbenzene	ND	3.0		µg/L	1	6/23/2009 2:55:00 AM
Naphthalene	ND	3.0		µg/L	1	6/23/2009 2:55:00 AM
o-Xylene	ND	3.0		µg/L	1	6/23/2009 2:55:00 AM
sec-Butylbenzene	ND	3.0		µg/L	1	6/23/2009 2:55:00 AM
tert-Butylbenzene	ND	3.0		µg/L	1	6/23/2009 2:55:00 AM
Toluene	ND	3.0		µg/L	1	6/23/2009 2:55:00 AM

Approved By: PFF **Date:** 7-15-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Jul-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: WB-18
Lab Order: U0906407
Collection Date: 6/16/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906407-004
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3510)**	Analyst: **LD**
Acenaphthene	ND	5.0		µg/L	1	6/29/2009 2:39:00 PM
Fluorene	ND	5.0		µg/L	1	6/29/2009 2:39:00 PM
Phenanthrene	ND	5.0		µg/L	1	6/29/2009 2:39:00 PM
Anthracene	ND	5.0		µg/L	1	6/29/2009 2:39:00 PM
Fluoranthene	ND	5.0		µg/L	1	6/29/2009 2:39:00 PM
Pyrene	ND	5.0		µg/L	1	6/29/2009 2:39:00 PM
Benz(a)anthracene	ND	5.0		µg/L	1	6/29/2009 2:39:00 PM
Chrysene	ND	5.0		µg/L	1	6/29/2009 2:39:00 PM
Benzo(b)fluoranthene	ND	5.0		µg/L	1	6/29/2009 2:39:00 PM
Benzo(k)fluoranthene	ND	5.0		µg/L	1	6/29/2009 2:39:00 PM
Benzo(a)pyrene	ND	5.0		µg/L	1	6/29/2009 2:39:00 PM
Dibenz(a,h)anthracene	ND	5.0		µg/L	1	6/29/2009 2:39:00 PM
Benzo(g,h,i)perylene	ND	5.0		µg/L	1	6/29/2009 2:39:00 PM
Indeno(1,2,3-cd)pyrene	ND	5.0		µg/L	1	6/29/2009 2:39:00 PM
VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	3.0		µg/L	1	6/23/2009 4:17:00 AM
1,3,5-Trimethylbenzene	ND	3.0		µg/L	1	6/23/2009 4:17:00 AM
4-Isopropyltoluene	ND	3.0		µg/L	1	6/23/2009 4:17:00 AM
Benzene	ND	3.0		µg/L	1	6/23/2009 4:17:00 AM
Ethylbenzene	ND	3.0		µg/L	1	6/23/2009 4:17:00 AM
Isopropylbenzene	ND	3.0		µg/L	1	6/23/2009 4:17:00 AM
m,p-Xylene	ND	3.0		µg/L	1	6/23/2009 4:17:00 AM
Methyl tert-butyl ether	ND	3.0		µg/L	1	6/23/2009 4:17:00 AM
n-Butylbenzene	ND	3.0		µg/L	1	6/23/2009 4:17:00 AM
n-Propylbenzene	ND	3.0		µg/L	1	6/23/2009 4:17:00 AM
Naphthalene	ND	3.0		µg/L	1	6/23/2009 4:17:00 AM
o-Xylene	ND	3.0		µg/L	1	6/23/2009 4:17:00 AM
sec-Butylbenzene	ND	3.0		µg/L	1	6/23/2009 4:17:00 AM
tert-Butylbenzene	ND	3.0		µg/L	1	6/23/2009 4:17:00 AM
Toluene	ND	3.0		µg/L	1	6/23/2009 4:17:00 AM

Approved By: PFF **Date:** 7-15-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Jul-09*

CLIENT:	NYSDEC - Region 6	**Client Sample ID:**	WB-19
Lab Order:	U0906407	**Collection Date:**	6/16/2009
Project:	Matt/Grace Petroleum, Spill #88-09026		
Lab ID:	U0906407-005	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3510)**	Analyst: **LD**
Acenaphthene	ND	50		µg/L	10	6/29/2009 3:24:00 PM
Fluorene	ND	50		µg/L	10	6/29/2009 3:24:00 PM
Phenanthrene	ND	50		µg/L	10	6/29/2009 3:24:00 PM
Anthracene	ND	50		µg/L	10	6/29/2009 3:24:00 PM
Fluoranthene	ND	50		µg/L	10	6/29/2009 3:24:00 PM
Pyrene	ND	50		µg/L	10	6/29/2009 3:24:00 PM
Benz(a)anthracene	ND	50		µg/L	10	6/29/2009 3:24:00 PM
Chrysene	ND	50		µg/L	10	6/29/2009 3:24:00 PM
Benzo(b)fluoranthene	ND	50		µg/L	10	6/29/2009 3:24:00 PM
Benzo(k)fluoranthene	ND	50		µg/L	10	6/29/2009 3:24:00 PM
Benzo(a)pyrene	ND	50		µg/L	10	6/29/2009 3:24:00 PM
Dibenz(a,h)anthracene	ND	50		µg/L	10	6/29/2009 3:24:00 PM
Benzo(g,h,i)perylene	ND	50		µg/L	10	6/29/2009 3:24:00 PM
Indeno(1,2,3-cd)pyrene	ND	50		µg/L	10	6/29/2009 3:24:00 PM
NOTES:						
The reporting limits were raised due to matrix interference.						
VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	3.0		µg/L	1	6/24/2009 12:32:00 AM
1,3,5-Trimethylbenzene	ND	3.0		µg/L	1	6/24/2009 12:32:00 AM
4-Isopropyltoluene	ND	3.0		µg/L	1	6/24/2009 12:32:00 AM
Benzene	ND	3.0		µg/L	1	6/24/2009 12:32:00 AM
Ethylbenzene	ND	3.0		µg/L	1	6/24/2009 12:32:00 AM
Isopropylbenzene	5.1	3.0		µg/L	1	6/24/2009 12:32:00 AM
m,p-Xylene	ND	3.0		µg/L	1	6/24/2009 12:32:00 AM
Methyl tert-butyl ether	ND	3.0		µg/L	1	6/24/2009 12:32:00 AM
n-Butylbenzene	ND	3.0		µg/L	1	6/24/2009 12:32:00 AM
n-Propylbenzene	ND	3.0		µg/L	1	6/24/2009 12:32:00 AM
Naphthalene	ND	3.0		µg/L	1	6/24/2009 12:32:00 AM
o-Xylene	ND	3.0		µg/L	1	6/24/2009 12:32:00 AM
sec-Butylbenzene	ND	3.0		µg/L	1	6/24/2009 12:32:00 AM
tert-Butylbenzene	ND	3.0		µg/L	1	6/24/2009 12:32:00 AM
Toluene	3	3.0	J	µg/L	1	6/24/2009 12:32:00 AM

Approved By: PFF **Date:** 7-15-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Jul-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: WB-6
Lab Order: U0906407
Collection Date: 6/16/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906407-006
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3510)**	Analyst: **LD**
Acenaphthene	ND	5.0		µg/L	1	6/29/2009 4:08:00 PM
Fluorene	ND	5.0		µg/L	1	6/29/2009 4:08:00 PM
Phenanthrene	ND	5.0		µg/L	1	6/29/2009 4:08:00 PM
Anthracene	ND	5.0		µg/L	1	6/29/2009 4:08:00 PM
Fluoranthene	ND	5.0		µg/L	1	6/29/2009 4:08:00 PM
Pyrene	ND	5.0		µg/L	1	6/29/2009 4:08:00 PM
Benz(a)anthracene	ND	5.0		µg/L	1	6/29/2009 4:08:00 PM
Chrysene	ND	5.0		µg/L	1	6/29/2009 4:08:00 PM
Benzo(b)fluoranthene	ND	5.0		µg/L	1	6/29/2009 4:08:00 PM
Benzo(k)fluoranthene	ND	5.0		µg/L	1	6/29/2009 4:08:00 PM
Benzo(a)pyrene	ND	5.0		µg/L	1	6/29/2009 4:08:00 PM
Dibenz(a,h)anthracene	ND	5.0		µg/L	1	6/29/2009 4:08:00 PM
Benzo(g,h,i)perylene	ND	5.0		µg/L	1	6/29/2009 4:08:00 PM
Indeno(1,2,3-cd)pyrene	ND	5.0		µg/L	1	6/29/2009 4:08:00 PM
VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	3	3.0	J	µg/L	1	6/23/2009 4:57:00 AM
1,3,5-Trimethylbenzene	ND	3.0		µg/L	1	6/23/2009 4:57:00 AM
4-Isopropyltoluene	ND	3.0		µg/L	1	6/23/2009 4:57:00 AM
Benzene	1	3.0	J	µg/L	1	6/23/2009 4:57:00 AM
Ethylbenzene	3.8	3.0		µg/L	1	6/23/2009 4:57:00 AM
Isopropylbenzene	ND	3.0		µg/L	1	6/23/2009 4:57:00 AM
m,p-Xylene	6.3	3.0		µg/L	1	6/23/2009 4:57:00 AM
Methyl tert-butyl ether	ND	3.0		µg/L	1	6/23/2009 4:57:00 AM
n-Butylbenzene	ND	3.0		µg/L	1	6/23/2009 4:57:00 AM
n-Propylbenzene	ND	3.0		µg/L	1	6/23/2009 4:57:00 AM
Naphthalene	ND	3.0		µg/L	1	6/23/2009 4:57:00 AM
o-Xylene	3.7	3.0		µg/L	1	6/23/2009 4:57:00 AM
sec-Butylbenzene	ND	3.0		µg/L	1	6/23/2009 4:57:00 AM
tert-Butylbenzene	ND	3.0		µg/L	1	6/23/2009 4:57:00 AM
Toluene	6.5	3.0		µg/L	1	6/23/2009 4:57:00 AM

Approved By: PFF **Date:** 7-15-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Jul-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: WB-13
Lab Order: U0906407
Collection Date: 6/16/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906407-007
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3510)**	Analyst: **LD**
Acenaphthene	ND	5.0		µg/L	1	6/29/2009 4:52:00 PM
Fluorene	ND	5.0		µg/L	1	6/29/2009 4:52:00 PM
Phenanthrene	ND	5.0		µg/L	1	6/29/2009 4:52:00 PM
Anthracene	ND	5.0		µg/L	1	6/29/2009 4:52:00 PM
Fluoranthene	ND	5.0		µg/L	1	6/29/2009 4:52:00 PM
Pyrene	ND	5.0		µg/L	1	6/29/2009 4:52:00 PM
Benz(a)anthracene	ND	5.0		µg/L	1	6/29/2009 4:52:00 PM
Chrysene	ND	5.0		µg/L	1	6/29/2009 4:52:00 PM
Benzo(b)fluoranthene	ND	5.0		µg/L	1	6/29/2009 4:52:00 PM
Benzo(k)fluoranthene	ND	5.0		µg/L	1	6/29/2009 4:52:00 PM
Benzo(a)pyrene	ND	5.0		µg/L	1	6/29/2009 4:52:00 PM
Dibenz(a,h)anthracene	ND	5.0		µg/L	1	6/29/2009 4:52:00 PM
Benzo(g,h,i)perylene	ND	5.0		µg/L	1	6/29/2009 4:52:00 PM
Indeno(1,2,3-cd)pyrene	ND	5.0		µg/L	1	6/29/2009 4:52:00 PM
VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	3.0		µg/L	1	6/23/2009 6:19:00 AM
1,3,5-Trimethylbenzene	ND	3.0		µg/L	1	6/23/2009 6:19:00 AM
4-Isopropyltoluene	ND	3.0		µg/L	1	6/23/2009 6:19:00 AM
Benzene	ND	3.0		µg/L	1	6/23/2009 6:19:00 AM
Ethylbenzene	ND	3.0		µg/L	1	6/23/2009 6:19:00 AM
Isopropylbenzene	ND	3.0		µg/L	1	6/23/2009 6:19:00 AM
m,p-Xylene	ND	3.0		µg/L	1	6/23/2009 6:19:00 AM
Methyl tert-butyl ether	ND	3.0		µg/L	1	6/23/2009 6:19:00 AM
n-Butylbenzene	ND	3.0		µg/L	1	6/23/2009 6:19:00 AM
n-Propylbenzene	ND	3.0		µg/L	1	6/23/2009 6:19:00 AM
Naphthalene	ND	3.0		µg/L	1	6/23/2009 6:19:00 AM
o-Xylene	ND	3.0		µg/L	1	6/23/2009 6:19:00 AM
sec-Butylbenzene	ND	3.0		µg/L	1	6/23/2009 6:19:00 AM
tert-Butylbenzene	ND	3.0		µg/L	1	6/23/2009 6:19:00 AM
Toluene	ND	3.0		µg/L	1	6/23/2009 6:19:00 AM

Approved By: PFF **Date:** 7-15-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *15-Jul-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: Trip Blanks
Lab Order: U0906407
Collection Date: 6/16/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906407-013
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS STARS LIST			**SW8260B**			Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	3.0		µg/L	1	6/22/2009 9:29:00 PM
1,3,5-Trimethylbenzene	ND	3.0		µg/L	1	6/22/2009 9:29:00 PM
4-Isopropyltoluene	ND	3.0		µg/L	1	6/22/2009 9:29:00 PM
Benzene	ND	3.0		µg/L	1	6/22/2009 9:29:00 PM
Ethylbenzene	ND	3.0		µg/L	1	6/22/2009 9:29:00 PM
Isopropylbenzene	ND	3.0		µg/L	1	6/22/2009 9:29:00 PM
m,p-Xylene	ND	3.0		µg/L	1	6/22/2009 9:29:00 PM
Methyl tert-butyl ether	ND	3.0		µg/L	1	6/22/2009 9:29:00 PM
n-Butylbenzene	ND	3.0		µg/L	1	6/22/2009 9:29:00 PM
n-Propylbenzene	ND	3.0		µg/L	1	6/22/2009 9:29:00 PM
Naphthalene	ND	3.0		µg/L	1	6/22/2009 9:29:00 PM
o-Xylene	ND	3.0		µg/L	1	6/22/2009 9:29:00 PM
sec-Butylbenzene	ND	3.0		µg/L	1	6/22/2009 9:29:00 PM
tert-Butylbenzene	ND	3.0		µg/L	1	6/22/2009 9:29:00 PM
Toluene	ND	3.0		µg/L	1	6/22/2009 9:29:00 PM

Approved By: PFF **Date:** 7-15-09

Qualifiers:

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

Upstate Laboratories, Inc.

6034 Corporate Drive E. Syracuse New York 13057
(315) 437 0255 Fax 437 1209

Chain of Custody Record

QC Format

Office use only
Approved date:

Client: NYS DEC Reg 6

Project #/ Project Name: 8809026/93296/Matt Petroleum

Client Contact: Pete Ouderkirk

Phone # 315 793-2520

Location (city/state) Address: Leland Ave, Utica NY

Sample ID	Date	Time	Matrix	GRAB or COMP	ULI Internal Use Only	No. of Containers	8260 stars 1)	8270 stars 2)	3)	4)	5)	6)	7)	8)	9)	10)	Remarks
					6/19/09												
WB-15	6/16/09	AM	H20/Soil	G/C	L0906407 1	35	X	X									
WB-16		AM			2												
WB-17		PM			3												
WB-18		PM			4												
WB-19		PM			5												
WB-6		AM	H20	G	6	3	X	X									No Charge - re-runs
WB-13		AM	"	G	7	"	X	X									" "

Parameter and Method	Sample bottle:	Type	Size	Preservative
	file		Date	

Sampled by (Print): Michael Colapinto
Company: OP-TECH

Name of Courier: Velocity

	Date	Time	
Relinquished by:(sign)	6/18/09	~~11AM~~ 12:30p	Received by: (sign)
Relinquished by:(sign)	6/17/09	5:00	Received by: (sign)
Relinquished by:(sign)	6-18-09	0830	Rec'd for Lab by:

Rochester Buffalo **Albany** Binghamton New Jersey

Upstate Laboratories, Inc.

Shipping: 6034 Corporate Dr. * E. Syracuse, NY 13057-1017 * (315) 437-0255 * Fax (315) 437-1209
Mailing: Box 169 * Syracuse, NY 13206
Albany (518) 459-3134 * Binghamton (607) 724-0478 * Buffalo (716) 972-0371
Rochester (866) 437-0255 * New Jersey (908) 247-4313

Mr. Peter Ouderkirk, P.E.
NYSDEC - Region 6
Dulles State Office Bldg.
317 Washington St.
Watertown, NY 13601

Monday, June 29, 2009

RE: Analytical Report: Order No.: U0906181
Matt/Grace Petroleum, Spill #88-09026

Dear Mr. Peter Ouderkirk, P.E.:

Upstate Laboratories, Inc. received 39 sample(s) on 6/9/2009 for the analyses presented in the following report.

All analytical results relate to the samples as received by the laboratory.

All analytical data conforms with standard approved methodologies and quality control. Our quality control narrative will be included should any anomalies occur.

We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your samples. Samples will be disposed of approximately one month from final report date.

Should you have any questions regarding these tests, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.
AJS (PFF)
Anthony J. Scala
President/CEO

CC:
Joseph Naselli, Op-Tech (Albany): copy report

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT:	NYSDEC - Region 6	**Client Sample ID:**	WB-1
Lab Order:	U0906181	**Collection Date:**	6/5/2009
Project:	Matt/Grace Petroleum, Spill #88-09026		
Lab ID:	U0906181-001	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS			**SW8270C**		**(SW3510)**	Analyst: **LD**
Acenaphthene	ND	6.2		µg/L	2.5	6/19/2009 7:59:00 PM
Fluorene	ND	6.2		µg/L	2.5	6/19/2009 7:59:00 PM
Phenanthrene	ND	6.2		µg/L	2.5	6/19/2009 7:59:00 PM
Anthracene	ND	6.2		µg/L	2.5	6/19/2009 7:59:00 PM
Fluoranthene	ND	6.2		µg/L	2.5	6/19/2009 7:59:00 PM
Pyrene	ND	6.2		µg/L	2.5	6/19/2009 7:59:00 PM
Benz(a)anthracene	ND	6.2		µg/L	2.5	6/19/2009 7:59:00 PM
Chrysene	ND	6.2		µg/L	2.5	6/19/2009 7:59:00 PM
Benzo(b)fluoranthene	ND	6.2		µg/L	2.5	6/19/2009 7:59:00 PM
Benzo(k)fluoranthene	ND	6.2		µg/L	2.5	6/19/2009 7:59:00 PM
Benzo(a)pyrene	ND	6.2		µg/L	2.5	6/19/2009 7:59:00 PM
Dibenz(a,h)anthracene	ND	6.2		µg/L	2.5	6/19/2009 7:59:00 PM
Benzo(g,h,i)perylene	ND	6.2		µg/L	2.5	6/19/2009 7:59:00 PM
Indeno(1,2,3-cd)pyrene	ND	6.2		µg/L	2.5	6/19/2009 7:59:00 PM
NOTES:						
Matrix interference noted during extraction. Sample underwent GPC cleanup.						
VOLATILE ORGANICS STARS LIST			**SW8260B**			Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	3.0		µg/L	1	6/11/2009 2:40:00 PM
1,3,5-Trimethylbenzene	ND	3.0		µg/L	1	6/11/2009 2:40:00 PM
4-Isopropyltoluene	ND	3.0		µg/L	1	6/11/2009 2:40:00 PM
Benzene	ND	3.0		µg/L	1	6/11/2009 2:40:00 PM
Ethylbenzene	ND	3.0		µg/L	1	6/11/2009 2:40:00 PM
Isopropylbenzene	ND	3.0		µg/L	1	6/11/2009 2:40:00 PM
m,p-Xylene	ND	3.0		µg/L	1	6/11/2009 2:40:00 PM
Methyl tert-butyl ether	ND	3.0		µg/L	1	6/11/2009 2:40:00 PM
n-Butylbenzene	ND	3.0		µg/L	1	6/11/2009 2:40:00 PM
n-Propylbenzene	ND	3.0		µg/L	1	6/11/2009 2:40:00 PM
Naphthalene	ND	3.0		µg/L	1	6/11/2009 2:40:00 PM
o-Xylene	ND	3.0		µg/L	1	6/11/2009 2:40:00 PM
sec-Butylbenzene	ND	3.0		µg/L	1	6/11/2009 2:40:00 PM
tert-Butylbenzene	ND	3.0		µg/L	1	6/11/2009 2:40:00 PM
Toluene	ND	3.0		µg/L	1	6/11/2009 2:40:00 PM

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT:	NYSDEC - Region 6	**Client Sample ID:**	WB-2
Lab Order:	U0906181	**Collection Date:**	6/5/2009
Project:	Matt/Grace Petroleum, Spill #88-09026		
Lab ID:	U0906181-002	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3510)**	Analyst: **LD**
Acenaphthene	ND	6.2		µg/L	2.5	6/19/2009 8:42:00 PM
Fluorene	ND	6.2		µg/L	2.5	6/19/2009 8:42:00 PM
Phenanthrene	ND	6.2		µg/L	2.5	6/19/2009 8:42:00 PM
Anthracene	ND	6.2		µg/L	2.5	6/19/2009 8:42:00 PM
Fluoranthene	ND	6.2		µg/L	2.5	6/19/2009 8:42:00 PM
Pyrene	2	6.2	J	µg/L	2.5	6/19/2009 8:42:00 PM
Benz(a)anthracene	ND	6.2		µg/L	2.5	6/19/2009 8:42:00 PM
Chrysene	ND	6.2		µg/L	2.5	6/19/2009 8:42:00 PM
Benzo(b)fluoranthene	ND	6.2		µg/L	2.5	6/19/2009 8:42:00 PM
Benzo(k)fluoranthene	ND	6.2		µg/L	2.5	6/19/2009 8:42:00 PM
Benzo(a)pyrene	ND	6.2		µg/L	2.5	6/19/2009 8:42:00 PM
Dibenz(a,h)anthracene	ND	6.2		µg/L	2.5	6/19/2009 8:42:00 PM
Benzo(g,h,i)perylene	ND	6.2		µg/L	2.5	6/19/2009 8:42:00 PM
Indeno(1,2,3-cd)pyrene	ND	6.2		µg/L	2.5	6/19/2009 8:42:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	9	15	J	µg/L	5	6/12/2009 2:38:00 PM
1,3,5-Trimethylbenzene	10	15	J	µg/L	5	6/12/2009 2:38:00 PM
4-Isopropyltoluene	ND	15		µg/L	5	6/12/2009 2:38:00 PM
Benzene	ND	15		µg/L	5	6/12/2009 2:38:00 PM
Ethylbenzene	10	15	J	µg/L	5	6/12/2009 2:38:00 PM
Isopropylbenzene	16	15		µg/L	5	6/12/2009 2:38:00 PM
m,p-Xylene	18	15		µg/L	5	6/12/2009 2:38:00 PM
Methyl tert-butyl ether	ND	15		µg/L	5	6/12/2009 2:38:00 PM
n-Butylbenzene	ND	15		µg/L	5	6/12/2009 2:38:00 PM
n-Propylbenzene	10	15	J	µg/L	5	6/12/2009 2:38:00 PM
Naphthalene	21	15		µg/L	5	6/12/2009 2:38:00 PM
o-Xylene	10	15	J	µg/L	5	6/12/2009 2:38:00 PM
sec-Butylbenzene	ND	15		µg/L	5	6/12/2009 2:38:00 PM
tert-Butylbenzene	ND	15		µg/L	5	6/12/2009 2:38:00 PM
Toluene	ND	15		µg/L	5	6/12/2009 2:38:00 PM

NOTES:
The reporting limits were raised due to matrix interference.
Petroleum hydrocarbon pattern detected.

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT:	NYSDEC - Region 6	**Client Sample ID:**	WB-3
Lab Order:	U0906181	**Collection Date:**	6/5/2009
Project:	Matt/Grace Petroleum, Spill #88-09026		
Lab ID:	U0906181-003	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3510)**	Analyst: **LD**
Acenaphthene	ND	6.2		µg/L	2.5	6/19/2009 9:26:00 PM
Fluorene	ND	6.2		µg/L	2.5	6/19/2009 9:26:00 PM
Phenanthrene	ND	6.2		µg/L	2.5	6/19/2009 9:26:00 PM
Anthracene	ND	6.2		µg/L	2.5	6/19/2009 9:26:00 PM
Fluoranthene	ND	6.2		µg/L	2.5	6/19/2009 9:26:00 PM
Pyrene	ND	6.2		µg/L	2.5	6/19/2009 9:26:00 PM
Benz(a)anthracene	ND	6.2		µg/L	2.5	6/19/2009 9:26:00 PM
Chrysene	ND	6.2		µg/L	2.5	6/19/2009 9:26:00 PM
Benzo(b)fluoranthene	ND	6.2		µg/L	2.5	6/19/2009 9:26:00 PM
Benzo(k)fluoranthene	ND	6.2		µg/L	2.5	6/19/2009 9:26:00 PM
Benzo(a)pyrene	ND	6.2		µg/L	2.5	6/19/2009 9:26:00 PM
Dibenz(a,h)anthracene	ND	6.2		µg/L	2.5	6/19/2009 9:26:00 PM
Benzo(g,h,i)perylene	ND	6.2		µg/L	2.5	6/19/2009 9:26:00 PM
Indeno(1,2,3-cd)pyrene	ND	6.2		µg/L	2.5	6/19/2009 9:26:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	3.0		µg/L	1	6/10/2009 2:40:00 PM
1,3,5-Trimethylbenzene	ND	3.0		µg/L	1	6/10/2009 2:40:00 PM
4-Isopropyltoluene	ND	3.0		µg/L	1	6/10/2009 2:40:00 PM
Benzene	ND	3.0		µg/L	1	6/10/2009 2:40:00 PM
Ethylbenzene	ND	3.0		µg/L	1	6/10/2009 2:40:00 PM
Isopropylbenzene	ND	3.0		µg/L	1	6/10/2009 2:40:00 PM
m,p-Xylene	ND	3.0		µg/L	1	6/10/2009 2:40:00 PM
Methyl tert-butyl ether	ND	3.0		µg/L	1	6/10/2009 2:40:00 PM
n-Butylbenzene	ND	3.0		µg/L	1	6/10/2009 2:40:00 PM
n-Propylbenzene	ND	3.0		µg/L	1	6/10/2009 2:40:00 PM
Naphthalene	ND	3.0		µg/L	1	6/10/2009 2:40:00 PM
o-Xylene	ND	3.0		µg/L	1	6/10/2009 2:40:00 PM
sec-Butylbenzene	ND	3.0		µg/L	1	6/10/2009 2:40:00 PM
tert-Butylbenzene	ND	3.0		µg/L	1	6/10/2009 2:40:00 PM
Toluene	ND	3.0		µg/L	1	6/10/2009 2:40:00 PM

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT:	NYSDEC - Region 6	**Client Sample ID:**	WB-4
Lab Order:	U0906181	**Collection Date:**	6/5/2009
Project:	Matt/Grace Petroleum, Spill #88-09026		
Lab ID:	U0906181-004	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3510)**	Analyst: **LD**
Acenaphthene	ND	6.2		µg/L	2.5	6/19/2009 10:09:00 PM
Fluorene	ND	6.2		µg/L	2.5	6/19/2009 10:09:00 PM
Phenanthrene	ND	6.2		µg/L	2.5	6/19/2009 10:09:00 PM
Anthracene	ND	6.2		µg/L	2.5	6/19/2009 10:09:00 PM
Fluoranthene	ND	6.2		µg/L	2.5	6/19/2009 10:09:00 PM
Pyrene	1	6.2	J	µg/L	2.5	6/19/2009 10:09:00 PM
Benz(a)anthracene	ND	6.2		µg/L	2.5	6/19/2009 10:09:00 PM
Chrysene	ND	6.2		µg/L	2.5	6/19/2009 10:09:00 PM
Benzo(b)fluoranthene	ND	6.2		µg/L	2.5	6/19/2009 10:09:00 PM
Benzo(k)fluoranthene	ND	6.2		µg/L	2.5	6/19/2009 10:09:00 PM
Benzo(a)pyrene	ND	6.2		µg/L	2.5	6/19/2009 10:09:00 PM
Dibenz(a,h)anthracene	ND	6.2		µg/L	2.5	6/19/2009 10:09:00 PM
Benzo(g,h,i)perylene	ND	6.2		µg/L	2.5	6/19/2009 10:09:00 PM
Indeno(1,2,3-cd)pyrene	ND	6.2		µg/L	2.5	6/19/2009 10:09:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	60		µg/L	20	6/12/2009 4:00:00 PM
1,3,5-Trimethylbenzene	ND	60		µg/L	20	6/12/2009 4:00:00 PM
4-Isopropyltoluene	ND	60		µg/L	20	6/12/2009 4:00:00 PM
Benzene	ND	60		µg/L	20	6/12/2009 4:00:00 PM
Ethylbenzene	ND	60		µg/L	20	6/12/2009 4:00:00 PM
Isopropylbenzene	ND	60		µg/L	20	6/12/2009 4:00:00 PM
m,p-Xylene	ND	60		µg/L	20	6/12/2009 4:00:00 PM
Methyl tert-butyl ether	ND	60		µg/L	20	6/12/2009 4:00:00 PM
n-Butylbenzene	ND	60		µg/L	20	6/12/2009 4:00:00 PM
n-Propylbenzene	40	60	J	µg/L	20	6/12/2009 4:00:00 PM
Naphthalene	ND	60		µg/L	20	6/12/2009 4:00:00 PM
o-Xylene	ND	60		µg/L	20	6/12/2009 4:00:00 PM
sec-Butylbenzene	ND	60		µg/L	20	6/12/2009 4:00:00 PM
tert-Butylbenzene	ND	60		µg/L	20	6/12/2009 4:00:00 PM
Toluene	ND	60		µg/L	20	6/12/2009 4:00:00 PM

NOTES:
The reporting limits were raised due to matrix interference.
Petroleum hydrocarbon pattern detected.

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT:	NYSDEC - Region 6	**Client Sample ID:**	WB-5
Lab Order:	U0906181	**Collection Date:**	6/5/2009
Project:	Matt/Grace Petroleum, Spill #88-09026		
Lab ID:	U0906181-005	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3510)**	Analyst: **LD**
Acenaphthene	ND	6.2		µg/L	2.5	6/19/2009 10:52:00 PM
Fluorene	ND	6.2		µg/L	2.5	6/19/2009 10:52:00 PM
Phenanthrene	ND	6.2		µg/L	2.5	6/19/2009 10:52:00 PM
Anthracene	ND	6.2		µg/L	2.5	6/19/2009 10:52:00 PM
Fluoranthene	ND	6.2		µg/L	2.5	6/19/2009 10:52:00 PM
Pyrene	ND	6.2		µg/L	2.5	6/19/2009 10:52:00 PM
Benz(a)anthracene	ND	6.2		µg/L	2.5	6/19/2009 10:52:00 PM
Chrysene	ND	6.2		µg/L	2.5	6/19/2009 10:52:00 PM
Benzo(b)fluoranthene	ND	6.2		µg/L	2.5	6/19/2009 10:52:00 PM
Benzo(k)fluoranthene	ND	6.2		µg/L	2.5	6/19/2009 10:52:00 PM
Benzo(a)pyrene	ND	6.2		µg/L	2.5	6/19/2009 10:52:00 PM
Dibenz(a,h)anthracene	ND	6.2		µg/L	2.5	6/19/2009 10:52:00 PM
Benzo(g,h,i)perylene	ND	6.2		µg/L	2.5	6/19/2009 10:52:00 PM
Indeno(1,2,3-cd)pyrene	ND	6.2		µg/L	2.5	6/19/2009 10:52:00 PM
NOTES: Matrix interference noted during extraction. Sample underwent GPC cleanup.						
VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	3.0		µg/L	1	6/10/2009 3:21:00 PM
1,3,5-Trimethylbenzene	ND	3.0		µg/L	1	6/10/2009 3:21:00 PM
4-Isopropyltoluene	ND	3.0		µg/L	1	6/10/2009 3:21:00 PM
Benzene	ND	3.0		µg/L	1	6/10/2009 3:21:00 PM
Ethylbenzene	ND	3.0		µg/L	1	6/10/2009 3:21:00 PM
Isopropylbenzene	4.0	3.0		µg/L	1	6/10/2009 3:21:00 PM
m,p-Xylene	ND	3.0		µg/L	1	6/10/2009 3:21:00 PM
Methyl tert-butyl ether	ND	3.0		µg/L	1	6/10/2009 3:21:00 PM
n-Butylbenzene	ND	3.0		µg/L	1	6/10/2009 3:21:00 PM
n-Propylbenzene	2	3.0	J	µg/L	1	6/10/2009 3:21:00 PM
Naphthalene	ND	3.0		µg/L	1	6/10/2009 3:21:00 PM
o-Xylene	ND	3.0		µg/L	1	6/10/2009 3:21:00 PM
sec-Butylbenzene	ND	3.0		µg/L	1	6/10/2009 3:21:00 PM
tert-Butylbenzene	ND	3.0		µg/L	1	6/10/2009 3:21:00 PM
Toluene	ND	3.0		µg/L	1	6/10/2009 3:21:00 PM

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT:	NYSDEC - Region 6	**Client Sample ID:**	WB-6
Lab Order:	U0906181	**Collection Date:**	6/5/2009
Project:	Matt/Grace Petroleum, Spill #88-09026		
Lab ID:	U0906181-006	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	3.0		µg/L	1	6/15/2009 6:05:00 PM
1,3,5-Trimethylbenzene	ND	3.0		µg/L	1	6/15/2009 6:05:00 PM
4-Isopropyltoluene	ND	3.0		µg/L	1	6/15/2009 6:05:00 PM
Benzene	ND	3.0		µg/L	1	6/15/2009 6:05:00 PM
Ethylbenzene	ND	3.0		µg/L	1	6/15/2009 6:05:00 PM
Isopropylbenzene	ND	3.0		µg/L	1	6/15/2009 6:05:00 PM
m,p-Xylene	ND	3.0		µg/L	1	6/15/2009 6:05:00 PM
Methyl tert-butyl ether	ND	3.0		µg/L	1	6/15/2009 6:05:00 PM
n-Butylbenzene	ND	3.0		µg/L	1	6/15/2009 6:05:00 PM
n-Propylbenzene	ND	3.0		µg/L	1	6/15/2009 6:05:00 PM
Naphthalene	ND	3.0		µg/L	1	6/15/2009 6:05:00 PM
o-Xylene	ND	3.0		µg/L	1	6/15/2009 6:05:00 PM
sec-Butylbenzene	ND	3.0		µg/L	1	6/15/2009 6:05:00 PM
tert-Butylbenzene	ND	3.0		µg/L	1	6/15/2009 6:05:00 PM
Toluene	ND	3.0		µg/L	1	6/15/2009 6:05:00 PM

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT:	NYSDEC - Region 6	**Client Sample ID:**	WB-7
Lab Order:	U0906181	**Collection Date:**	6/5/2009
Project:	Matt/Grace Petroleum, Spill #88-09026		
Lab ID:	U0906181-007	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3510)**	Analyst: **LD**
Acenaphthene	ND	6.2		µg/L	2.5	6/19/2009 11:36:00 PM
Fluorene	ND	6.2		µg/L	2.5	6/19/2009 11:36:00 PM
Phenanthrene	ND	6.2		µg/L	2.5	6/19/2009 11:36:00 PM
Anthracene	ND	6.2		µg/L	2.5	6/19/2009 11:36:00 PM
Fluoranthene	ND	6.2		µg/L	2.5	6/19/2009 11:36:00 PM
Pyrene	ND	6.2		µg/L	2.5	6/19/2009 11:36:00 PM
Benz(a)anthracene	ND	6.2		µg/L	2.5	6/19/2009 11:36:00 PM
Chrysene	ND	6.2		µg/L	2.5	6/19/2009 11:36:00 PM
Benzo(b)fluoranthene	ND	6.2		µg/L	2.5	6/19/2009 11:36:00 PM
Benzo(k)fluoranthene	ND	6.2		µg/L	2.5	6/19/2009 11:36:00 PM
Benzo(a)pyrene	ND	6.2		µg/L	2.5	6/19/2009 11:36:00 PM
Dibenz(a,h)anthracene	ND	6.2		µg/L	2.5	6/19/2009 11:36:00 PM
Benzo(g,h,i)perylene	ND	6.2		µg/L	2.5	6/19/2009 11:36:00 PM
Indeno(1,2,3-cd)pyrene	ND	6.2		µg/L	2.5	6/19/2009 11:36:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	3.0		µg/L	1	6/11/2009 1:59:00 PM
1,3,5-Trimethylbenzene	ND	3.0		µg/L	1	6/11/2009 1:59:00 PM
4-Isopropyltoluene	ND	3.0		µg/L	1	6/11/2009 1:59:00 PM
Benzene	ND	3.0		µg/L	1	6/11/2009 1:59:00 PM
Ethylbenzene	ND	3.0		µg/L	1	6/11/2009 1:59:00 PM
Isopropylbenzene	ND	3.0		µg/L	1	6/11/2009 1:59:00 PM
m,p-Xylene	ND	3.0		µg/L	1	6/11/2009 1:59:00 PM
Methyl tert-butyl ether	ND	3.0		µg/L	1	6/11/2009 1:59:00 PM
n-Butylbenzene	ND	3.0		µg/L	1	6/11/2009 1:59:00 PM
n-Propylbenzene	ND	3.0		µg/L	1	6/11/2009 1:59:00 PM
Naphthalene	ND	3.0		µg/L	1	6/11/2009 1:59:00 PM
o-Xylene	ND	3.0		µg/L	1	6/11/2009 1:59:00 PM
sec-Butylbenzene	ND	3.0		µg/L	1	6/11/2009 1:59:00 PM
tert-Butylbenzene	ND	3.0		µg/L	1	6/11/2009 1:59:00 PM
Toluene	ND	3.0		µg/L	1	6/11/2009 1:59:00 PM

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT:	NYSDEC - Region 6	**Client Sample ID:**	WB-8
Lab Order:	U0906181	**Collection Date:**	6/5/2009
Project:	Matt/Grace Petroleum, Spill #88-09026		
Lab ID:	U0906181-008	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3510)**	Analyst: **LD**
Acenaphthene	3	6.2	J	µg/L	2.5	6/20/2009 12:18:00 AM
Fluorene	3	6.2	J	µg/L	2.5	6/20/2009 12:18:00 AM
Phenanthrene	ND	6.2		µg/L	2.5	6/20/2009 12:18:00 AM
Anthracene	ND	6.2		µg/L	2.5	6/20/2009 12:18:00 AM
Fluoranthene	ND	6.2		µg/L	2.5	6/20/2009 12:18:00 AM
Pyrene	ND	6.2		µg/L	2.5	6/20/2009 12:18:00 AM
Benz(a)anthracene	ND	6.2		µg/L	2.5	6/20/2009 12:18:00 AM
Chrysene	ND	6.2		µg/L	2.5	6/20/2009 12:18:00 AM
Benzo(b)fluoranthene	ND	6.2		µg/L	2.5	6/20/2009 12:18:00 AM
Benzo(k)fluoranthene	ND	6.2		µg/L	2.5	6/20/2009 12:18:00 AM
Benzo(a)pyrene	ND	6.2		µg/L	2.5	6/20/2009 12:18:00 AM
Dibenz(a,h)anthracene	ND	6.2		µg/L	2.5	6/20/2009 12:18:00 AM
Benzo(g,h,i)perylene	ND	6.2		µg/L	2.5	6/20/2009 12:18:00 AM
Indeno(1,2,3-cd)pyrene	ND	6.2		µg/L	2.5	6/20/2009 12:18:00 AM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	3.0		µg/L	1	6/15/2009 5:24:00 PM
1,3,5-Trimethylbenzene	ND	3.0		µg/L	1	6/15/2009 5:24:00 PM
4-Isopropyltoluene	ND	3.0		µg/L	1	6/15/2009 5:24:00 PM
Benzene	ND	3.0		µg/L	1	6/15/2009 5:24:00 PM
Ethylbenzene	ND	3.0		µg/L	1	6/15/2009 5:24:00 PM
Isopropylbenzene	3.3	3.0		µg/L	1	6/15/2009 5:24:00 PM
m,p-Xylene	ND	3.0		µg/L	1	6/15/2009 5:24:00 PM
Methyl tert-butyl ether	4.3	3.0		µg/L	1	6/15/2009 5:24:00 PM
n-Butylbenzene	3.1	3.0		µg/L	1	6/15/2009 5:24:00 PM
n-Propylbenzene	ND	3.0		µg/L	1	6/15/2009 5:24:00 PM
Naphthalene	4.3	3.0		µg/L	1	6/15/2009 5:24:00 PM
o-Xylene	ND	3.0		µg/L	1	6/15/2009 5:24:00 PM
sec-Butylbenzene	3	3.0	J	µg/L	1	6/15/2009 5:24:00 PM
tert-Butylbenzene	ND	3.0		µg/L	1	6/15/2009 5:24:00 PM
Toluene	ND	3.0		µg/L	1	6/15/2009 5:24:00 PM

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT:	NYSDEC - Region 6	**Client Sample ID:**	WB-9
Lab Order:	U0906181	**Collection Date:**	6/5/2009
Project:	Matt/Grace Petroleum, Spill #88-09026		
Lab ID:	U0906181-009	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3510)**	Analyst: **LD**
Acenaphthene	ND	6.2		µg/L	2.5	6/22/2009 4:31:00 PM
Fluorene	ND	6.2		µg/L	2.5	6/22/2009 4:31:00 PM
Phenanthrene	ND	6.2		µg/L	2.5	6/22/2009 4:31:00 PM
Anthracene	ND	6.2		µg/L	2.5	6/22/2009 4:31:00 PM
Fluoranthene	ND	6.2		µg/L	2.5	6/22/2009 4:31:00 PM
Pyrene	ND	6.2		µg/L	2.5	6/22/2009 4:31:00 PM
Benz(a)anthracene	ND	6.2		µg/L	2.5	6/22/2009 4:31:00 PM
Chrysene	ND	6.2		µg/L	2.5	6/22/2009 4:31:00 PM
Benzo(b)fluoranthene	ND	6.2		µg/L	2.5	6/22/2009 4:31:00 PM
Benzo(k)fluoranthene	ND	6.2		µg/L	2.5	6/22/2009 4:31:00 PM
Benzo(a)pyrene	ND	6.2		µg/L	2.5	6/22/2009 4:31:00 PM
Dibenz(a,h)anthracene	ND	6.2		µg/L	2.5	6/22/2009 4:31:00 PM
Benzo(g,h,i)perylene	ND	6.2		µg/L	2.5	6/22/2009 4:31:00 PM
Indeno(1,2,3-cd)pyrene	ND	6.2		µg/L	2.5	6/22/2009 4:31:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	3.0		µg/L	1	6/10/2009 4:02:00 PM
1,3,5-Trimethylbenzene	ND	3.0		µg/L	1	6/10/2009 4:02:00 PM
4-Isopropyltoluene	ND	3.0		µg/L	1	6/10/2009 4:02:00 PM
Benzene	ND	3.0		µg/L	1	6/10/2009 4:02:00 PM
Ethylbenzene	ND	3.0		µg/L	1	6/10/2009 4:02:00 PM
Isopropylbenzene	ND	3.0		µg/L	1	6/10/2009 4:02:00 PM
m,p-Xylene	ND	3.0		µg/L	1	6/10/2009 4:02:00 PM
Methyl tert-butyl ether	ND	3.0		µg/L	1	6/10/2009 4:02:00 PM
n-Butylbenzene	ND	3.0		µg/L	1	6/10/2009 4:02:00 PM
n-Propylbenzene	ND	3.0		µg/L	1	6/10/2009 4:02:00 PM
Naphthalene	ND	3.0		µg/L	1	6/10/2009 4:02:00 PM
o-Xylene	ND	3.0		µg/L	1	6/10/2009 4:02:00 PM
sec-Butylbenzene	ND	3.0		µg/L	1	6/10/2009 4:02:00 PM
tert-Butylbenzene	ND	3.0		µg/L	1	6/10/2009 4:02:00 PM
Toluene	5.7	3.0		µg/L	1	6/10/2009 4:02:00 PM

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT:	NYSDEC - Region 6	**Client Sample ID:**	WB-10
Lab Order:	U0906181	**Collection Date:**	6/5/2009
Project:	Matt/Grace Petroleum, Spill #88-09026		
Lab ID:	U0906181-010	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3510)**	Analyst: **LD**
Acenaphthene	ND	6.2		µg/L	2.5	6/22/2009 5:14:00 PM
Fluorene	ND	6.2		µg/L	2.5	6/22/2009 5:14:00 PM
Phenanthrene	ND	6.2		µg/L	2.5	6/22/2009 5:14:00 PM
Anthracene	ND	6.2		µg/L	2.5	6/22/2009 5:14:00 PM
Fluoranthene	3	6.2	J	µg/L	2.5	6/22/2009 5:14:00 PM
Pyrene	2	6.2	J	µg/L	2.5	6/22/2009 5:14:00 PM
Benz(a)anthracene	1	6.2	J	µg/L	2.5	6/22/2009 5:14:00 PM
Chrysene	1	6.2	J	µg/L	2.5	6/22/2009 5:14:00 PM
Benzo(b)fluoranthene	ND	6.2		µg/L	2.5	6/22/2009 5:14:00 PM
Benzo(k)fluoranthene	ND	6.2		µg/L	2.5	6/22/2009 5:14:00 PM
Benzo(a)pyrene	1	6.2	J	µg/L	2.5	6/22/2009 5:14:00 PM
Dibenz(a,h)anthracene	ND	6.2		µg/L	2.5	6/22/2009 5:14:00 PM
Benzo(g,h,i)perylene	ND	6.2		µg/L	2.5	6/22/2009 5:14:00 PM
Indeno(1,2,3-cd)pyrene	ND	6.2		µg/L	2.5	6/22/2009 5:14:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	3.0		µg/L	1	6/11/2009 3:20:00 PM
1,3,5-Trimethylbenzene	ND	3.0		µg/L	1	6/11/2009 3:20:00 PM
4-Isopropyltoluene	ND	3.0		µg/L	1	6/11/2009 3:20:00 PM
Benzene	ND	3.0		µg/L	1	6/11/2009 3:20:00 PM
Ethylbenzene	ND	3.0		µg/L	1	6/11/2009 3:20:00 PM
Isopropylbenzene	ND	3.0		µg/L	1	6/11/2009 3:20:00 PM
m,p-Xylene	ND	3.0		µg/L	1	6/11/2009 3:20:00 PM
Methyl tert-butyl ether	ND	3.0		µg/L	1	6/11/2009 3:20:00 PM
n-Butylbenzene	ND	3.0		µg/L	1	6/11/2009 3:20:00 PM
n-Propylbenzene	ND	3.0		µg/L	1	6/11/2009 3:20:00 PM
Naphthalene	ND	3.0		µg/L	1	6/11/2009 3:20:00 PM
o-Xylene	ND	3.0		µg/L	1	6/11/2009 3:20:00 PM
sec-Butylbenzene	ND	3.0		µg/L	1	6/11/2009 3:20:00 PM
tert-Butylbenzene	ND	3.0		µg/L	1	6/11/2009 3:20:00 PM
Toluene	ND	3.0		µg/L	1	6/11/2009 3:20:00 PM

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: WB-11
Lab Order: U0906181
Collection Date: 6/5/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906181-011
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3510)**	Analyst: **LD**
Acenaphthene	ND	620		µg/L	250	6/23/2009 1:54:00 PM
Fluorene	ND	620		µg/L	250	6/23/2009 1:54:00 PM
Phenanthrene	200	620	J	µg/L	250	6/23/2009 1:54:00 PM
Anthracene	ND	620		µg/L	250	6/23/2009 1:54:00 PM
Fluoranthene	ND	620		µg/L	250	6/23/2009 1:54:00 PM
Pyrene	ND	620		µg/L	250	6/23/2009 1:54:00 PM
Benz(a)anthracene	ND	620		µg/L	250	6/23/2009 1:54:00 PM
Chrysene	ND	620		µg/L	250	6/23/2009 1:54:00 PM
Benzo(b)fluoranthene	ND	620		µg/L	250	6/23/2009 1:54:00 PM
Benzo(k)fluoranthene	ND	620		µg/L	250	6/23/2009 1:54:00 PM
Benzo(a)pyrene	ND	620		µg/L	250	6/23/2009 1:54:00 PM
Dibenz(a,h)anthracene	ND	620		µg/L	250	6/23/2009 1:54:00 PM
Benzo(g,h,i)perylene	ND	620		µg/L	250	6/23/2009 1:54:00 PM
Indeno(1,2,3-cd)pyrene	ND	620		µg/L	250	6/23/2009 1:54:00 PM

NOTES:
The reporting limits were raised due to matrix interference.
Matrix interference noted during extraction. Sample underwent GPC cleanup.

VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	40	60	J	µg/L	20	6/12/2009 5:21:00 PM
1,3,5-Trimethylbenzene	50	60	J	µg/L	20	6/12/2009 5:21:00 PM
4-Isopropyltoluene	ND	60		µg/L	20	6/12/2009 5:21:00 PM
Benzene	72	60		µg/L	20	6/12/2009 5:21:00 PM
Ethylbenzene	ND	60		µg/L	20	6/12/2009 5:21:00 PM
Isopropylbenzene	91	60		µg/L	20	6/12/2009 5:21:00 PM
m,p-Xylene	84	60		µg/L	20	6/12/2009 5:21:00 PM
Methyl tert-butyl ether	ND	60		µg/L	20	6/12/2009 5:21:00 PM
n-Butylbenzene	92	60		µg/L	20	6/12/2009 5:21:00 PM
n-Propylbenzene	85	60		µg/L	20	6/12/2009 5:21:00 PM
Naphthalene	ND	60		µg/L	20	6/12/2009 5:21:00 PM
o-Xylene	60	60	J	µg/L	20	6/12/2009 5:21:00 PM
sec-Butylbenzene	70	60		µg/L	20	6/12/2009 5:21:00 PM
tert-Butylbenzene	ND	60		µg/L	20	6/12/2009 5:21:00 PM
Toluene	ND	60		µg/L	20	6/12/2009 5:21:00 PM

NOTES:
The reporting limits were raised due to matrix interference.
Petroleum hydrocarbon pattern detected.

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT:	NYSDEC - Region 6	**Client Sample ID:**	WB-12
Lab Order:	U0906181	**Collection Date:**	6/5/2009
Project:	Matt/Grace Petroleum, Spill #88-09026		
Lab ID:	U0906181-012	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS				**SW8270C**	**(SW3510)**	Analyst: **LD**
Acenaphthene	ND	6.2		µg/L	2.5	6/22/2009 6:41:00 PM
Fluorene	ND	6.2		µg/L	2.5	6/22/2009 6:41:00 PM
Phenanthrene	ND	6.2		µg/L	2.5	6/22/2009 6:41:00 PM
Anthracene	ND	6.2		µg/L	2.5	6/22/2009 6:41:00 PM
Fluoranthene	ND	6.2		µg/L	2.5	6/22/2009 6:41:00 PM
Pyrene	ND	6.2		µg/L	2.5	6/22/2009 6:41:00 PM
Benz(a)anthracene	ND	6.2		µg/L	2.5	6/22/2009 6:41:00 PM
Chrysene	ND	6.2		µg/L	2.5	6/22/2009 6:41:00 PM
Benzo(b)fluoranthene	ND	6.2		µg/L	2.5	6/22/2009 6:41:00 PM
Benzo(k)fluoranthene	ND	6.2		µg/L	2.5	6/22/2009 6:41:00 PM
Benzo(a)pyrene	ND	6.2		µg/L	2.5	6/22/2009 6:41:00 PM
Dibenz(a,h)anthracene	ND	6.2		µg/L	2.5	6/22/2009 6:41:00 PM
Benzo(g,h,i)perylene	ND	6.2		µg/L	2.5	6/22/2009 6:41:00 PM
Indeno(1,2,3-cd)pyrene	ND	6.2		µg/L	2.5	6/22/2009 6:41:00 PM
NOTES: Matrix interference noted during extraction. Sample underwent GPC cleanup.						
VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	3.0		µg/L	1	6/10/2009 4:43:00 PM
1,3,5-Trimethylbenzene	ND	3.0		µg/L	1	6/10/2009 4:43:00 PM
4-Isopropyltoluene	ND	3.0		µg/L	1	6/10/2009 4:43:00 PM
Benzene	ND	3.0		µg/L	1	6/10/2009 4:43:00 PM
Ethylbenzene	ND	3.0		µg/L	1	6/10/2009 4:43:00 PM
Isopropylbenzene	ND	3.0		µg/L	1	6/10/2009 4:43:00 PM
m,p-Xylene	ND	3.0		µg/L	1	6/10/2009 4:43:00 PM
Methyl tert-butyl ether	ND	3.0		µg/L	1	6/10/2009 4:43:00 PM
n-Butylbenzene	ND	3.0		µg/L	1	6/10/2009 4:43:00 PM
n-Propylbenzene	ND	3.0		µg/L	1	6/10/2009 4:43:00 PM
Naphthalene	ND	3.0		µg/L	1	6/10/2009 4:43:00 PM
o-Xylene	ND	3.0		µg/L	1	6/10/2009 4:43:00 PM
sec-Butylbenzene	ND	3.0		µg/L	1	6/10/2009 4:43:00 PM
tert-Butylbenzene	ND	3.0		µg/L	1	6/10/2009 4:43:00 PM
Toluene	ND	3.0		µg/L	1	6/10/2009 4:43:00 PM

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT:	NYSDEC - Region 6	**Client Sample ID:**	WB-13
Lab Order:	U0906181	**Collection Date:**	6/5/2009
Project:	Matt/Grace Petroleum, Spill #88-09026		
Lab ID:	U0906181-013	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	3.0		µg/L	1	6/10/2009 5:23:00 PM
1,3,5-Trimethylbenzene	ND	3.0		µg/L	1	6/10/2009 5:23:00 PM
4-Isopropyltoluene	ND	3.0		µg/L	1	6/10/2009 5:23:00 PM
Benzene	ND	3.0		µg/L	1	6/10/2009 5:23:00 PM
Ethylbenzene	ND	3.0		µg/L	1	6/10/2009 5:23:00 PM
Isopropylbenzene	ND	3.0		µg/L	1	6/10/2009 5:23:00 PM
m,p-Xylene	ND	3.0		µg/L	1	6/10/2009 5:23:00 PM
Methyl tert-butyl ether	ND	3.0		µg/L	1	6/10/2009 5:23:00 PM
n-Butylbenzene	ND	3.0		µg/L	1	6/10/2009 5:23:00 PM
n-Propylbenzene	ND	3.0		µg/L	1	6/10/2009 5:23:00 PM
Naphthalene	ND	3.0		µg/L	1	6/10/2009 5:23:00 PM
o-Xylene	ND	3.0		µg/L	1	6/10/2009 5:23:00 PM
sec-Butylbenzene	ND	3.0		µg/L	1	6/10/2009 5:23:00 PM
tert-Butylbenzene	ND	3.0		µg/L	1	6/10/2009 5:23:00 PM
Toluene	ND	3.0		µg/L	1	6/10/2009 5:23:00 PM

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT:	NYSDEC - Region 6	**Client Sample ID:**	WB-14
Lab Order:	U0906181	**Collection Date:**	6/5/2009
Project:	Matt/Grace Petroleum, Spill #88-09026		
Lab ID:	U0906181-014	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE HYDROCARBONS - STARS			**SW8270C**		**(SW3510)**	Analyst: **LD**
Acenaphthene	ND	6.2		µg/L	2.5	6/22/2009 7:24:00 PM
Fluorene	ND	6.2		µg/L	2.5	6/22/2009 7:24:00 PM
Phenanthrene	ND	6.2		µg/L	2.5	6/22/2009 7:24:00 PM
Anthracene	ND	6.2		µg/L	2.5	6/22/2009 7:24:00 PM
Fluoranthene	ND	6.2		µg/L	2.5	6/22/2009 7:24:00 PM
Pyrene	ND	6.2		µg/L	2.5	6/22/2009 7:24:00 PM
Benz(a)anthracene	ND	6.2		µg/L	2.5	6/22/2009 7:24:00 PM
Chrysene	ND	6.2		µg/L	2.5	6/22/2009 7:24:00 PM
Benzo(b)fluoranthene	ND	6.2		µg/L	2.5	6/22/2009 7:24:00 PM
Benzo(k)fluoranthene	ND	6.2		µg/L	2.5	6/22/2009 7:24:00 PM
Benzo(a)pyrene	ND	6.2		µg/L	2.5	6/22/2009 7:24:00 PM
Dibenz(a,h)anthracene	ND	6.2		µg/L	2.5	6/22/2009 7:24:00 PM
Benzo(g,h,i)perylene	ND	6.2		µg/L	2.5	6/22/2009 7:24:00 PM
Indeno(1,2,3-cd)pyrene	ND	6.2		µg/L	2.5	6/22/2009 7:24:00 PM
NOTES:						
Matrix interference noted during extraction. Sample underwent GPC cleanup.						
VOLATILE ORGANICS STARS LIST			**SW8260B**			Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	3.0		µg/L	1	6/11/2009 4:02:00 PM
1,3,5-Trimethylbenzene	ND	3.0		µg/L	1	6/11/2009 4:02:00 PM
4-Isopropyltoluene	ND	3.0		µg/L	1	6/11/2009 4:02:00 PM
Benzene	ND	3.0		µg/L	1	6/11/2009 4:02:00 PM
Ethylbenzene	ND	3.0		µg/L	1	6/11/2009 4:02:00 PM
Isopropylbenzene	ND	3.0		µg/L	1	6/11/2009 4:02:00 PM
m,p-Xylene	ND	3.0		µg/L	1	6/11/2009 4:02:00 PM
Methyl tert-butyl ether	ND	3.0		µg/L	1	6/11/2009 4:02:00 PM
n-Butylbenzene	ND	3.0		µg/L	1	6/11/2009 4:02:00 PM
n-Propylbenzene	ND	3.0		µg/L	1	6/11/2009 4:02:00 PM
Naphthalene	ND	3.0		µg/L	1	6/11/2009 4:02:00 PM
o-Xylene	ND	3.0		µg/L	1	6/11/2009 4:02:00 PM
sec-Butylbenzene	ND	3.0		µg/L	1	6/11/2009 4:02:00 PM
tert-Butylbenzene	ND	3.0		µg/L	1	6/11/2009 4:02:00 PM
Toluene	ND	3.0		µg/L	1	6/11/2009 4:02:00 PM

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT:	NYSDEC - Region 6	**Client Sample ID:**	Trip Blank
Lab Order:	U0906181	**Collection Date:**	6/5/2009
Project:	Matt/Grace Petroleum, Spill #88-09026		
Lab ID:	U0906181-015	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS STARS LIST			**SW8260B**			Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	3.0		µg/L	1	6/10/2009 6:04:00 PM
1,3,5-Trimethylbenzene	ND	3.0		µg/L	1	6/10/2009 6:04:00 PM
4-Isopropyltoluene	ND	3.0		µg/L	1	6/10/2009 6:04:00 PM
Benzene	ND	3.0		µg/L	1	6/10/2009 6:04:00 PM
Ethylbenzene	ND	3.0		µg/L	1	6/10/2009 6:04:00 PM
Isopropylbenzene	ND	3.0		µg/L	1	6/10/2009 6:04:00 PM
m,p-Xylene	ND	3.0		µg/L	1	6/10/2009 6:04:00 PM
Methyl tert-butyl ether	ND	3.0		µg/L	1	6/10/2009 6:04:00 PM
n-Butylbenzene	ND	3.0		µg/L	1	6/10/2009 6:04:00 PM
n-Propylbenzene	ND	3.0		µg/L	1	6/10/2009 6:04:00 PM
Naphthalene	ND	3.0		µg/L	1	6/10/2009 6:04:00 PM
o-Xylene	ND	3.0		µg/L	1	6/10/2009 6:04:00 PM
sec-Butylbenzene	ND	3.0		µg/L	1	6/10/2009 6:04:00 PM
tert-Butylbenzene	ND	3.0		µg/L	1	6/10/2009 6:04:00 PM
Toluene	ND	3.0		µg/L	1	6/10/2009 6:04:00 PM

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *29-Jun-09*

CLIENT:	NYSDEC - Region 6	**Client Sample ID:**	Trip Blank
Lab Order:	U0906181	**Collection Date:**	6/4/2009
Project:	Matt/Grace Petroleum, Spill #88-09026		
Lab ID:	U0906181-039	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS STARS LIST				**SW8260B**		Analyst: **JKS**
1,2,4-Trimethylbenzene	ND	3.0		µg/L	1	6/10/2009 6:44:00 PM
1,3,5-Trimethylbenzene	ND	3.0		µg/L	1	6/10/2009 6:44:00 PM
4-Isopropyltoluene	ND	3.0		µg/L	1	6/10/2009 6:44:00 PM
Benzene	ND	3.0		µg/L	1	6/10/2009 6:44:00 PM
Ethylbenzene	ND	3.0		µg/L	1	6/10/2009 6:44:00 PM
Isopropylbenzene	ND	3.0		µg/L	1	6/10/2009 6:44:00 PM
m,p-Xylene	ND	3.0		µg/L	1	6/10/2009 6:44:00 PM
Methyl tert-butyl ether	ND	3.0		µg/L	1	6/10/2009 6:44:00 PM
n-Butylbenzene	ND	3.0		µg/L	1	6/10/2009 6:44:00 PM
n-Propylbenzene	ND	3.0		µg/L	1	6/10/2009 6:44:00 PM
Naphthalene	ND	3.0		µg/L	1	6/10/2009 6:44:00 PM
o-Xylene	ND	3.0		µg/L	1	6/10/2009 6:44:00 PM
sec-Butylbenzene	ND	3.0		µg/L	1	6/10/2009 6:44:00 PM
tert-Butylbenzene	ND	3.0		µg/L	1	6/10/2009 6:44:00 PM
Toluene	ND	3.0		µg/L	1	6/10/2009 6:44:00 PM

Approved By: PFF **Date:** 6-29-09

Qualifiers:

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

Upstate Laboratories, Inc.

6034 Corporate Drive E. Syracuse New York 13057
(315) 437 0255 Fax 437 1209

Chain of Custody Record

QC Format

Office use only
Approved date:

Client: NYS DEC Reg 6

Project #/ Project Name: SP:8809026/PIN:93296, Mott Petroleum

Client Contact: Pete Oudekirk

Phone #

Location (city/state) Address: Leland Ave, Utica NY

Sample ID	Date	Time	Matrix (WATER / Soil / H2O)	GRAB or COMP	ULI Internal Use Only i109060181	No. of Containers	8260 Stars 1)	8270 Stars 2)	3)	4)	5)	6)	7)	8)	9)	10)	Remarks
WB-1	6/5/09	PM	H2O	C	1	5	X	X									WATER
WB-2		PM			2												
WB-3		PM			3												
WB-4		PM			4												
WB-5		PM			5												
WB-6		PM			6			⊖									→ SAMPLE FOR 8270 DESTROYED DURING ANALYSIS (GPC CLEANUP). PFF.
WB-7		PM			7												
WB-8		AM			8												
WB-9		AM			9												
WB-10		AM			10												
WB-11		AM			11												
WB-12		AM			12												
WB-13		AM			13			⊖									→ SAMPLE FOR 8270 DESTROYED DURING ANALYSIS (GPC CLEANUP). PFF.
WB-14		AM			14												
(Trip Blank II) KC 6/9/09	(6-5-09)		(Water)	(Grab)	15	1	(X)										

Parameter and Method	Sample bottle:	Type	Size	Preservative
				ice, HCl

Sampled by (Print): Michael Colapinto
Company: OP-TECH

Name of Courier

Relinquished by:(sign)	Date	Time	Received by: (sign)
	6/8/09	1:30 PM	
Relinquished by:(sign)	Date	Time	Received by: (sign)
	6/9/09	0840	
Relinquished by:(sign)	Date	Time	Rec'd for Lab by:
	6/9/09	0840	KC Crump

file Date

Rochester Buffalo **Albany** Binghamton New Jersey

Upstate Laboratories, Inc.

Shipping: 6034 Corporate Dr. * E. Syracuse, NY 13057-1017 * (315) 437-0255 * Fax (315) 437-1209
Mailing: Box 169 * Syracuse, NY 13206
Albany (518) 459-3134 * Binghamton (607) 724-0478 * Buffalo (716) 972-0371
Rochester (866) 437-0255 * New Jersey (908) 247-4313

Mr. Peter Ouderkirk, P.E.
NYSDEC - Region 6
Dulles State Office Bldg.
317 Washington St.
Watertown, NY 13601

Tuesday, June 30, 2009

RE: Analytical Report: Order No.: U0906314
Matt/Grace Petroleum, Spill #88-09026

Dear Mr. Peter Ouderkirk, P.E.:

Upstate Laboratories, Inc. received 9 sample(s) on 6/15/2009 for the analyses presented in the following report.

All analytical results relate to the samples as received by the laboratory.

All analytical data conforms with standard approved methodologies and quality control. Our quality control narrative will be included should any anomalies occur.

We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your samples. Samples will be disposed of approximately one month from final report date.

Should you have any questions regarding these tests, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.
AJS (PFF)
Anthony J. Scala
President/CEO

CC:
Joseph Naselli, Op-Tech (Albany): copy report

Upstate Laboratories, Inc.

Analytical Report

Date: *30-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: MW-1
Lab Order: U0906314
Collection Date: 6/11/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906314-001
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3510)**	Analyst: **LD**
(3+4)-Methylphenol	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
1,2,4-Trichlorobenzene	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
1,2-Dichlorobenzene	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
1,3-Dichlorobenzene	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
1,4-Dichlorobenzene	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
2,3,4,6-Tetrachlorophenol	ND	12		µg/L	2.5	6/26/2009 2:37:00 PM
2,4,5-Trichlorophenol	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
2,4,6-Trichlorophenol	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
2,4-Dichlorophenol	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
2,4-Dimethylphenol	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
2,4-Dinitrophenol	ND	62		µg/L	2.5	6/26/2009 2:37:00 PM
2,4-Dinitrotoluene	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
2,6-Dinitrotoluene	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
2-Chloronaphthalene	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
2-Chlorophenol	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
2-Methylnaphthalene	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
2-Methylphenol	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
2-Nitroaniline	ND	62		µg/L	2.5	6/26/2009 2:37:00 PM
2-Nitrophenol	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
3,3'-Dichlorobenzidine	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
3-Nitroaniline	ND	62		µg/L	2.5	6/26/2009 2:37:00 PM
4,6-Dinitro-2-methylphenol	ND	62		µg/L	2.5	6/26/2009 2:37:00 PM
4-Bromophenyl phenyl ether	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
4-Chloro-3-methylphenol	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
4-Chloroaniline	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
4-Chlorophenyl phenyl ether	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
4-Nitroaniline	ND	62		µg/L	2.5	6/26/2009 2:37:00 PM
4-Nitrophenol	ND	62		µg/L	2.5	6/26/2009 2:37:00 PM
Acenaphthene	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Acenaphthylene	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Anthracene	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Benz(a)anthracene	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Benzo(a)pyrene	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Benzo(b)fluoranthene	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Benzo(g,h,i)perylene	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Benzo(k)fluoranthene	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Bis(2-chloroethoxy)methane	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Bis(2-chloroethyl)ether	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Bis(2-chloroisopropyl)ether	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM

Approved By: PFF **Date:** 6-30-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *30-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: MW-1
Lab Order: U0906314
Collection Date: 6/11/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906314-001
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3510)**	Analyst: **LD**
Bis(2-ethylhexyl)phthalate	4	6.2	J	µg/L	2.5	6/26/2009 2:37:00 PM
Butyl benzyl phthalate	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Carbazole	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Chrysene	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Di-n-butyl phthalate	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Di-n-octyl phthalate	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Dibenz(a,h)anthracene	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Dibenzofuran	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Diethyl phthalate	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Dimethyl phthalate	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Fluoranthene	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Fluorene	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Hexachlorobenzene	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Hexachlorobutadiene	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Hexachlorocyclopentadiene	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Hexachloroethane	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Indeno(1,2,3-cd)pyrene	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Isophorone	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
N-Nitrosodi-n-propylamine	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
N-Nitrosodiphenylamine	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Naphthalene	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Nitrobenzene	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Pentachlorophenol	ND	12		µg/L	2.5	6/26/2009 2:37:00 PM
Phenanthrene	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Phenol	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM
Pyrene	ND	6.2		µg/L	2.5	6/26/2009 2:37:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

TCL VOLATILE ORGANICS				**SW8260B**		Analyst: **LEF**
1,1,1-Trichloroethane	ND	3.0		µg/L	1	6/17/2009 12:07:00 PM
1,1,2,2-Tetrachloroethane	ND	3.0		µg/L	1	6/17/2009 12:07:00 PM
1,1,2-Trichloroethane	ND	3.0		µg/L	1	6/17/2009 12:07:00 PM
1,1-Dichloroethane	ND	3.0		µg/L	1	6/17/2009 12:07:00 PM
1,1-Dichloroethene	ND	3.0		µg/L	1	6/17/2009 12:07:00 PM
1,2-Dichloroethane	ND	3.0		µg/L	1	6/17/2009 12:07:00 PM
1,2-Dichloropropane	ND	3.0		µg/L	1	6/17/2009 12:07:00 PM
2-Butanone	14	10		µg/L	1	6/17/2009 12:07:00 PM
2-Hexanone	ND	10		µg/L	1	6/17/2009 12:07:00 PM

Approved By: PFF **Date:** 6-30-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *30-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: MW-1
Lab Order: U0906314
Collection Date: 6/11/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906314-001
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL VOLATILE ORGANICS				**SW8260B**		Analyst: LEF
4-Methyl-2-pentanone	ND	10		µg/L	1	6/17/2009 12:07:00 PM
Acetone	13	10		µg/L	1	6/17/2009 12:07:00 PM
Benzene	2	3.0	J	µg/L	1	6/17/2009 12:07:00 PM
Bromodichloromethane	ND	3.0		µg/L	1	6/17/2009 12:07:00 PM
Bromoform	ND	3.0		µg/L	1	6/17/2009 12:07:00 PM
Bromomethane	ND	3.0		µg/L	1	6/17/2009 12:07:00 PM
Carbon disulfide	ND	3.0		µg/L	1	6/17/2009 12:07:00 PM
Carbon tetrachloride	ND	3.0		µg/L	1	6/17/2009 12:07:00 PM
Chlorobenzene	ND	3.0		µg/L	1	6/17/2009 12:07:00 PM
Chloroethane	ND	3.0		µg/L	1	6/17/2009 12:07:00 PM
Chloroform	ND	3.0		µg/L	1	6/17/2009 12:07:00 PM
Chloromethane	ND	3.0		µg/L	1	6/17/2009 12:07:00 PM
cis-1,2-Dichloroethene	ND	3.0		µg/L	1	6/17/2009 12:07:00 PM
cis-1,3-Dichloropropene	ND	3.0		µg/L	1	6/17/2009 12:07:00 PM
Dibromochloromethane	ND	3.0		µg/L	1	6/17/2009 12:07:00 PM
Ethylbenzene	14	3.0		µg/L	1	6/17/2009 12:07:00 PM
m,p-Xylene	ND	3.0		µg/L	1	6/17/2009 12:07:00 PM
Methylene chloride	ND	3.0		µg/L	1	6/17/2009 12:07:00 PM
o-Xylene	ND	3.0		µg/L	1	6/17/2009 12:07:00 PM
Styrene	ND	3.0		µg/L	1	6/17/2009 12:07:00 PM
Tetrachloroethene	ND	3.0		µg/L	1	6/17/2009 12:07:00 PM
Toluene	ND	3.0		µg/L	1	6/17/2009 12:07:00 PM
trans-1,2-Dichloroethene	ND	3.0		µg/L	1	6/17/2009 12:07:00 PM
trans-1,3-Dichloropropene	ND	3.0		µg/L	1	6/17/2009 12:07:00 PM
Trichloroethene	ND	3.0		µg/L	1	6/17/2009 12:07:00 PM
Vinyl chloride	ND	2.0		µg/L	1	6/17/2009 12:07:00 PM

Approved By: PFF **Date:** 6-30-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *30-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: MW-2
Lab Order: U0906314
Collection Date: 6/11/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906314-002
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3510)**	Analyst: LD
(3+4)-Methylphenol	ND	620		µg/L	250	6/30/2009 8:05:00 PM
1,2,4-Trichlorobenzene	ND	620		µg/L	250	6/30/2009 8:05:00 PM
1,2-Dichlorobenzene	ND	620		µg/L	250	6/30/2009 8:05:00 PM
1,3-Dichlorobenzene	ND	620		µg/L	250	6/30/2009 8:05:00 PM
1,4-Dichlorobenzene	ND	620		µg/L	250	6/30/2009 8:05:00 PM
2,3,4,6-Tetrachlorophenol	ND	1200		µg/L	250	6/30/2009 8:05:00 PM
2,4,5-Trichlorophenol	ND	620		µg/L	250	6/30/2009 8:05:00 PM
2,4,6-Trichlorophenol	ND	620		µg/L	250	6/30/2009 8:05:00 PM
2,4-Dichlorophenol	ND	620		µg/L	250	6/30/2009 8:05:00 PM
2,4-Dimethylphenol	ND	620		µg/L	250	6/30/2009 8:05:00 PM
2,4-Dinitrophenol	ND	6200		µg/L	250	6/30/2009 8:05:00 PM
2,4-Dinitrotoluene	ND	620		µg/L	250	6/30/2009 8:05:00 PM
2,6-Dinitrotoluene	ND	620		µg/L	250	6/30/2009 8:05:00 PM
2-Chloronaphthalene	ND	620		µg/L	250	6/30/2009 8:05:00 PM
2-Chlorophenol	ND	620		µg/L	250	6/30/2009 8:05:00 PM
2-Methylnaphthalene	950	620		µg/L	250	6/30/2009 8:05:00 PM
2-Methylphenol	ND	620		µg/L	250	6/30/2009 8:05:00 PM
2-Nitroaniline	ND	6200		µg/L	250	6/30/2009 8:05:00 PM
2-Nitrophenol	ND	620		µg/L	250	6/30/2009 8:05:00 PM
3,3'-Dichlorobenzidine	ND	620		µg/L	250	6/30/2009 8:05:00 PM
3-Nitroaniline	ND	6200		µg/L	250	6/30/2009 8:05:00 PM
4,6-Dinitro-2-methylphenol	ND	6200		µg/L	250	6/30/2009 8:05:00 PM
4-Bromophenyl phenyl ether	ND	620		µg/L	250	6/30/2009 8:05:00 PM
4-Chloro-3-methylphenol	ND	620		µg/L	250	6/30/2009 8:05:00 PM
4-Chloroaniline	ND	620		µg/L	250	6/30/2009 8:05:00 PM
4-Chlorophenyl phenyl ether	ND	620		µg/L	250	6/30/2009 8:05:00 PM
4-Nitroaniline	ND	6200		µg/L	250	6/30/2009 8:05:00 PM
4-Nitrophenol	ND	6200		µg/L	250	6/30/2009 8:05:00 PM
Acenaphthene	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Acenaphthylene	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Anthracene	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Benz(a)anthracene	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Benzo(a)pyrene	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Benzo(b)fluoranthene	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Benzo(g,h,i)perylene	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Benzo(k)fluoranthene	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Bis(2-chloroethoxy)methane	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Bis(2-chloroethyl)ether	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Bis(2-chloroisopropyl)ether	ND	620		µg/L	250	6/30/2009 8:05:00 PM

Approved By: PFF **Date:** 6-30-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *30-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: MW-2
Lab Order: U0906314
Collection Date: 6/11/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906314-002
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS			**SW8270C**		**(SW3510)**	Analyst: **LD**
Bis(2-ethylhexyl)phthalate	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Butyl benzyl phthalate	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Carbazole	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Chrysene	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Di-n-butyl phthalate	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Di-n-octyl phthalate	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Dibenz(a,h)anthracene	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Dibenzofuran	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Diethyl phthalate	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Dimethyl phthalate	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Fluoranthene	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Fluorene	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Hexachlorobenzene	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Hexachlorobutadiene	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Hexachlorocyclopentadiene	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Hexachloroethane	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Indeno(1,2,3-cd)pyrene	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Isophorone	ND	620		µg/L	250	6/30/2009 8:05:00 PM
N-Nitrosodi-n-propylamine	ND	620		µg/L	250	6/30/2009 8:05:00 PM
N-Nitrosodiphenylamine	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Naphthalene	980	620		µg/L	250	6/30/2009 8:05:00 PM
Nitrobenzene	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Pentachlorophenol	ND	1200		µg/L	250	6/30/2009 8:05:00 PM
Phenanthrene	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Phenol	ND	620		µg/L	250	6/30/2009 8:05:00 PM
Pyrene	ND	620		µg/L	250	6/30/2009 8:05:00 PM

NOTES:
The reporting limits were raised due to matrix interference.
Matrix interference noted during extraction. Sample underwent GPC cleanup.

TCL VOLATILE ORGANICS			**SW8260B**			Analyst: **LEF**
1,1,1-Trichloroethane	ND	300		µg/L	100	6/17/2009 4:35:00 PM
1,1,2,2-Tetrachloroethane	ND	300		µg/L	100	6/17/2009 4:35:00 PM
1,1,2-Trichloroethane	ND	300		µg/L	100	6/17/2009 4:35:00 PM
1,1-Dichloroethane	ND	300		µg/L	100	6/17/2009 4:35:00 PM
1,1-Dichloroethene	ND	300		µg/L	100	6/17/2009 4:35:00 PM
1,2-Dichloroethane	ND	300		µg/L	100	6/17/2009 4:35:00 PM
1,2-Dichloropropane	ND	300		µg/L	100	6/17/2009 4:35:00 PM
2-Butanone	ND	1000		µg/L	100	6/17/2009 4:35:00 PM

Approved By: PFF **Date:** 6-30-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *30-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: MW-2
Lab Order: U0906314
Collection Date: 6/11/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906314-002
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL VOLATILE ORGANICS				**SW8260B**		Analyst: **LEF**
2-Hexanone	ND	1000		µg/L	100	6/17/2009 4:35:00 PM
4-Methyl-2-pentanone	ND	1000		µg/L	100	6/17/2009 4:35:00 PM
Acetone	ND	1000		µg/L	100	6/17/2009 4:35:00 PM
Benzene	ND	300		µg/L	100	6/17/2009 4:35:00 PM
Bromodichloromethane	ND	300		µg/L	100	6/17/2009 4:35:00 PM
Bromoform	ND	300		µg/L	100	6/17/2009 4:35:00 PM
Bromomethane	ND	300		µg/L	100	6/17/2009 4:35:00 PM
Carbon disulfide	ND	300		µg/L	100	6/17/2009 4:35:00 PM
Carbon tetrachloride	ND	300		µg/L	100	6/17/2009 4:35:00 PM
Chlorobenzene	ND	300		µg/L	100	6/17/2009 4:35:00 PM
Chloroethane	ND	300		µg/L	100	6/17/2009 4:35:00 PM
Chloroform	ND	300		µg/L	100	6/17/2009 4:35:00 PM
Chloromethane	ND	300		µg/L	100	6/17/2009 4:35:00 PM
cis-1,2-Dichloroethene	ND	300		µg/L	100	6/17/2009 4:35:00 PM
cis-1,3-Dichloropropene	ND	300		µg/L	100	6/17/2009 4:35:00 PM
Dibromochloromethane	ND	300		µg/L	100	6/17/2009 4:35:00 PM
Ethylbenzene	1000	300		µg/L	100	6/17/2009 4:35:00 PM
m,p-Xylene	690	300		µg/L	100	6/17/2009 4:35:00 PM
Methylene chloride	ND	300		µg/L	100	6/17/2009 4:35:00 PM
o-Xylene	ND	300		µg/L	100	6/17/2009 4:35:00 PM
Styrene	ND	300		µg/L	100	6/17/2009 4:35:00 PM
Tetrachloroethene	ND	300		µg/L	100	6/17/2009 4:35:00 PM
Toluene	ND	300		µg/L	100	6/17/2009 4:35:00 PM
trans-1,2-Dichloroethene	ND	300		µg/L	100	6/17/2009 4:35:00 PM
trans-1,3-Dichloropropene	ND	300		µg/L	100	6/17/2009 4:35:00 PM
Trichloroethene	ND	300		µg/L	100	6/17/2009 4:35:00 PM
Vinyl chloride	ND	200		µg/L	100	6/17/2009 4:35:00 PM

NOTES:
The reporting limits were raised due to the high concentration of non-target compounds.

Approved By: PFF **Date:** 6-30-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *30-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: MW-9
Lab Order: U0906314
Collection Date: 6/11/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906314-003
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3510)**	Analyst: **LD**
(3+4)-Methylphenol	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
1,2,4-Trichlorobenzene	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
1,2-Dichlorobenzene	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
1,3-Dichlorobenzene	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
1,4-Dichlorobenzene	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
2,3,4,6-Tetrachlorophenol	ND	12		µg/L	2.5	6/26/2009 6:18:00 PM
2,4,5-Trichlorophenol	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
2,4,6-Trichlorophenol	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
2,4-Dichlorophenol	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
2,4-Dimethylphenol	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
2,4-Dinitrophenol	ND	62		µg/L	2.5	6/26/2009 6:18:00 PM
2,4-Dinitrotoluene	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
2,6-Dinitrotoluene	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
2-Chloronaphthalene	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
2-Chlorophenol	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
2-Methylnaphthalene	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
2-Methylphenol	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
2-Nitroaniline	ND	62		µg/L	2.5	6/26/2009 6:18:00 PM
2-Nitrophenol	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
3,3´-Dichlorobenzidine	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
3-Nitroaniline	ND	62		µg/L	2.5	6/26/2009 6:18:00 PM
4,6-Dinitro-2-methylphenol	ND	62		µg/L	2.5	6/26/2009 6:18:00 PM
4-Bromophenyl phenyl ether	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
4-Chloro-3-methylphenol	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
4-Chloroaniline	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
4-Chlorophenyl phenyl ether	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
4-Nitroaniline	ND	62		µg/L	2.5	6/26/2009 6:18:00 PM
4-Nitrophenol	ND	62		µg/L	2.5	6/26/2009 6:18:00 PM
Acenaphthene	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Acenaphthylene	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Anthracene	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Benz(a)anthracene	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Benzo(a)pyrene	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Benzo(b)fluoranthene	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Benzo(g,h,i)perylene	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Benzo(k)fluoranthene	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Bis(2-chloroethoxy)methane	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Bis(2-chloroethyl)ether	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Bis(2-chloroisopropyl)ether	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM

Approved By: PFF **Date:** 6-30-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *30-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: MW-9
Lab Order: U0906314
Collection Date: 6/11/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906314-003
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3510)**	Analyst: **LD**
Bis(2-ethylhexyl)phthalate	5	6.2	J	µg/L	2.5	6/26/2009 6:18:00 PM
Butyl benzyl phthalate	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Carbazole	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Chrysene	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Di-n-butyl phthalate	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Di-n-octyl phthalate	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Dibenz(a,h)anthracene	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Dibenzofuran	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Diethyl phthalate	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Dimethyl phthalate	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Fluoranthene	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Fluorene	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Hexachlorobenzene	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Hexachlorobutadiene	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Hexachlorocyclopentadiene	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Hexachloroethane	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Indeno(1,2,3-cd)pyrene	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Isophorone	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
N-Nitrosodi-n-propylamine	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
N-Nitrosodiphenylamine	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Naphthalene	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Nitrobenzene	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Pentachlorophenol	ND	12		µg/L	2.5	6/26/2009 6:18:00 PM
Phenanthrene	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Phenol	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM
Pyrene	ND	6.2		µg/L	2.5	6/26/2009 6:18:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

TCL VOLATILE ORGANICS				**SW8260B**		Analyst: **LEF**
1,1,1-Trichloroethane	ND	3.0		µg/L	1	6/21/2009 4:25:00 PM
1,1,2,2-Tetrachloroethane	ND	3.0		µg/L	1	6/21/2009 4:25:00 PM
1,1,2-Trichloroethane	ND	3.0		µg/L	1	6/21/2009 4:25:00 PM
1,1-Dichloroethane	ND	3.0		µg/L	1	6/21/2009 4:25:00 PM
1,1-Dichloroethene	ND	3.0		µg/L	1	6/21/2009 4:25:00 PM
1,2-Dichloroethane	ND	3.0		µg/L	1	6/21/2009 4:25:00 PM
1,2-Dichloropropane	ND	3.0		µg/L	1	6/21/2009 4:25:00 PM
2-Butanone	ND	10		µg/L	1	6/21/2009 4:25:00 PM
2-Hexanone	ND	10		µg/L	1	6/21/2009 4:25:00 PM

Approved By: PFF **Date:** 6-30-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *30-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: MW-9
Lab Order: U0906314
Collection Date: 6/11/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906314-003
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL VOLATILE ORGANICS				**SW8260B**		Analyst: LEF
4-Methyl-2-pentanone	ND	10		µg/L	1	6/21/2009 4:25:00 PM
Acetone	ND	10		µg/L	1	6/21/2009 4:25:00 PM
Benzene	ND	3.0		µg/L	1	6/21/2009 4:25:00 PM
Bromodichloromethane	ND	3.0		µg/L	1	6/21/2009 4:25:00 PM
Bromoform	ND	3.0		µg/L	1	6/21/2009 4:25:00 PM
Bromomethane	ND	3.0		µg/L	1	6/21/2009 4:25:00 PM
Carbon disulfide	ND	3.0		µg/L	1	6/21/2009 4:25:00 PM
Carbon tetrachloride	ND	3.0		µg/L	1	6/21/2009 4:25:00 PM
Chlorobenzene	ND	3.0		µg/L	1	6/21/2009 4:25:00 PM
Chloroethane	ND	3.0		µg/L	1	6/21/2009 4:25:00 PM
Chloroform	ND	3.0		µg/L	1	6/21/2009 4:25:00 PM
Chloromethane	ND	3.0		µg/L	1	6/21/2009 4:25:00 PM
cis-1,2-Dichloroethene	ND	3.0		µg/L	1	6/21/2009 4:25:00 PM
cis-1,3-Dichloropropene	ND	3.0		µg/L	1	6/21/2009 4:25:00 PM
Dibromochloromethane	ND	3.0		µg/L	1	6/21/2009 4:25:00 PM
Ethylbenzene	11	3.0		µg/L	1	6/21/2009 4:25:00 PM
m,p-Xylene	2	3.0	J	µg/L	1	6/21/2009 4:25:00 PM
Methylene chloride	ND	3.0		µg/L	1	6/21/2009 4:25:00 PM
o-Xylene	ND	3.0		µg/L	1	6/21/2009 4:25:00 PM
Styrene	ND	3.0		µg/L	1	6/21/2009 4:25:00 PM
Tetrachloroethene	ND	3.0		µg/L	1	6/21/2009 4:25:00 PM
Toluene	ND	3.0		µg/L	1	6/21/2009 4:25:00 PM
trans-1,2-Dichloroethene	ND	3.0		µg/L	1	6/21/2009 4:25:00 PM
trans-1,3-Dichloropropene	ND	3.0		µg/L	1	6/21/2009 4:25:00 PM
Trichloroethene	ND	3.0		µg/L	1	6/21/2009 4:25:00 PM
Vinyl chloride	ND	2.0		µg/L	1	6/21/2009 4:25:00 PM

Approved By: PFF **Date:** 6-30-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *30-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: MW-10
Lab Order: U0906314
Collection Date: 6/11/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906314-004
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3510)**	Analyst: **LD**
(3+4)-Methylphenol	ND	620		µg/L	250	6/30/2009 8:48:00 PM
1,2,4-Trichlorobenzene	ND	620		µg/L	250	6/30/2009 8:48:00 PM
1,2-Dichlorobenzene	ND	620		µg/L	250	6/30/2009 8:48:00 PM
1,3-Dichlorobenzene	ND	620		µg/L	250	6/30/2009 8:48:00 PM
1,4-Dichlorobenzene	ND	620		µg/L	250	6/30/2009 8:48:00 PM
2,3,4,6-Tetrachlorophenol	ND	1200		µg/L	250	6/30/2009 8:48:00 PM
2,4,5-Trichlorophenol	ND	620		µg/L	250	6/30/2009 8:48:00 PM
2,4,6-Trichlorophenol	ND	620		µg/L	250	6/30/2009 8:48:00 PM
2,4-Dichlorophenol	ND	620		µg/L	250	6/30/2009 8:48:00 PM
2,4-Dimethylphenol	ND	620		µg/L	250	6/30/2009 8:48:00 PM
2,4-Dinitrophenol	ND	6200		µg/L	250	6/30/2009 8:48:00 PM
2,4-Dinitrotoluene	ND	620		µg/L	250	6/30/2009 8:48:00 PM
2,6-Dinitrotoluene	ND	620		µg/L	250	6/30/2009 8:48:00 PM
2-Chloronaphthalene	ND	620		µg/L	250	6/30/2009 8:48:00 PM
2-Chlorophenol	ND	620		µg/L	250	6/30/2009 8:48:00 PM
2-Methylnaphthalene	ND	620		µg/L	250	6/30/2009 8:48:00 PM
2-Methylphenol	ND	620		µg/L	250	6/30/2009 8:48:00 PM
2-Nitroaniline	ND	6200		µg/L	250	6/30/2009 8:48:00 PM
2-Nitrophenol	ND	620		µg/L	250	6/30/2009 8:48:00 PM
3,3´-Dichlorobenzidine	ND	620		µg/L	250	6/30/2009 8:48:00 PM
3-Nitroaniline	ND	6200		µg/L	250	6/30/2009 8:48:00 PM
4,6-Dinitro-2-methylphenol	ND	6200		µg/L	250	6/30/2009 8:48:00 PM
4-Bromophenyl phenyl ether	ND	620		µg/L	250	6/30/2009 8:48:00 PM
4-Chloro-3-methylphenol	ND	620		µg/L	250	6/30/2009 8:48:00 PM
4-Chloroaniline	ND	620		µg/L	250	6/30/2009 8:48:00 PM
4-Chlorophenyl phenyl ether	ND	620		µg/L	250	6/30/2009 8:48:00 PM
4-Nitroaniline	ND	6200		µg/L	250	6/30/2009 8:48:00 PM
4-Nitrophenol	ND	6200		µg/L	250	6/30/2009 8:48:00 PM
Acenaphthene	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Acenaphthylene	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Anthracene	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Benz(a)anthracene	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Benzo(a)pyrene	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Benzo(b)fluoranthene	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Benzo(g,h,i)perylene	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Benzo(k)fluoranthene	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Bis(2-chloroethoxy)methane	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Bis(2-chloroethyl)ether	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Bis(2-chloroisopropyl)ether	ND	620		µg/L	250	6/30/2009 8:48:00 PM

Approved By: PFF **Date:** 6-30-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *30-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: MW-10
Lab Order: U0906314
Collection Date: 6/11/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906314-004
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS			**SW8270C**		**(SW3510)**	Analyst: **LD**
Bis(2-ethylhexyl)phthalate	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Butyl benzyl phthalate	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Carbazole	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Chrysene	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Di-n-butyl phthalate	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Di-n-octyl phthalate	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Dibenz(a,h)anthracene	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Dibenzofuran	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Diethyl phthalate	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Dimethyl phthalate	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Fluoranthene	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Fluorene	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Hexachlorobenzene	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Hexachlorobutadiene	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Hexachlorocyclopentadiene	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Hexachloroethane	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Indeno(1,2,3-cd)pyrene	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Isophorone	ND	620		µg/L	250	6/30/2009 8:48:00 PM
N-Nitrosodi-n-propylamine	ND	620		µg/L	250	6/30/2009 8:48:00 PM
N-Nitrosodiphenylamine	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Naphthalene	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Nitrobenzene	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Pentachlorophenol	ND	1200		µg/L	250	6/30/2009 8:48:00 PM
Phenanthrene	740	620		µg/L	250	6/30/2009 8:48:00 PM
Phenol	ND	620		µg/L	250	6/30/2009 8:48:00 PM
Pyrene	ND	620		µg/L	250	6/30/2009 8:48:00 PM

NOTES:
The reporting limits were raised due to matrix interference.
Matrix interference noted during extraction. Sample underwent GPC cleanup.

TCL VOLATILE ORGANICS			**SW8260B**			Analyst: **LEF**
1,1,1-Trichloroethane	ND	300		µg/L	100	6/21/2009 10:50:00 PM
1,1,2,2-Tetrachloroethane	ND	300		µg/L	100	6/21/2009 10:50:00 PM
1,1,2-Trichloroethane	ND	300		µg/L	100	6/21/2009 10:50:00 PM
1,1-Dichloroethane	ND	300		µg/L	100	6/21/2009 10:50:00 PM
1,1-Dichloroethene	ND	300		µg/L	100	6/21/2009 10:50:00 PM
1,2-Dichloroethane	ND	300		µg/L	100	6/21/2009 10:50:00 PM
1,2-Dichloropropane	ND	300		µg/L	100	6/21/2009 10:50:00 PM
2-Butanone	ND	1000		µg/L	100	6/21/2009 10:50:00 PM

Approved By: PFF **Date:** 6-30-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *30-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: MW-10
Lab Order: U0906314
Collection Date: 6/11/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906314-004
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL VOLATILE ORGANICS				**SW8260B**		Analyst: **LEF**
2-Hexanone	ND	1000		µg/L	100	6/21/2009 10:50:00 PM
4-Methyl-2-pentanone	ND	1000		µg/L	100	6/21/2009 10:50:00 PM
Acetone	ND	1000		µg/L	100	6/21/2009 10:50:00 PM
Benzene	ND	300		µg/L	100	6/21/2009 10:50:00 PM
Bromodichloromethane	ND	300		µg/L	100	6/21/2009 10:50:00 PM
Bromoform	ND	300		µg/L	100	6/21/2009 10:50:00 PM
Bromomethane	ND	300		µg/L	100	6/21/2009 10:50:00 PM
Carbon disulfide	ND	300		µg/L	100	6/21/2009 10:50:00 PM
Carbon tetrachloride	ND	300		µg/L	100	6/21/2009 10:50:00 PM
Chlorobenzene	ND	300		µg/L	100	6/21/2009 10:50:00 PM
Chloroethane	ND	300		µg/L	100	6/21/2009 10:50:00 PM
Chloroform	ND	300		µg/L	100	6/21/2009 10:50:00 PM
Chloromethane	ND	300		µg/L	100	6/21/2009 10:50:00 PM
cis-1,2-Dichloroethene	ND	300		µg/L	100	6/21/2009 10:50:00 PM
cis-1,3-Dichloropropene	ND	300		µg/L	100	6/21/2009 10:50:00 PM
Dibromochloromethane	ND	300		µg/L	100	6/21/2009 10:50:00 PM
Ethylbenzene	1400	300		µg/L	100	6/21/2009 10:50:00 PM
m,p-Xylene	200	300	J	µg/L	100	6/21/2009 10:50:00 PM
Methylene chloride	ND	300		µg/L	100	6/21/2009 10:50:00 PM
o-Xylene	ND	300		µg/L	100	6/21/2009 10:50:00 PM
Styrene	ND	300		µg/L	100	6/21/2009 10:50:00 PM
Tetrachloroethene	ND	300		µg/L	100	6/21/2009 10:50:00 PM
Toluene	ND	300		µg/L	100	6/21/2009 10:50:00 PM
trans-1,2-Dichloroethene	ND	300		µg/L	100	6/21/2009 10:50:00 PM
trans-1,3-Dichloropropene	ND	300		µg/L	100	6/21/2009 10:50:00 PM
Trichloroethene	ND	300		µg/L	100	6/21/2009 10:50:00 PM
Vinyl chloride	ND	200		µg/L	100	6/21/2009 10:50:00 PM

NOTES:
The reporting limits were raised due to matrix interference.
Petroleum hydrocarbon pattern detected.

Approved By: PFF **Date:** 6-30-09

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ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *30-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: MW-11
Lab Order: U0906314
Collection Date: 6/11/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906314-005
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3510)**	Analyst: LD
(3+4)-Methylphenol	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
1,2,4-Trichlorobenzene	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
1,2-Dichlorobenzene	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
1,3-Dichlorobenzene	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
1,4-Dichlorobenzene	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
2,3,4,6-Tetrachlorophenol	ND	12		µg/L	2.5	6/26/2009 7:47:00 PM
2,4,5-Trichlorophenol	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
2,4,6-Trichlorophenol	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
2,4-Dichlorophenol	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
2,4-Dimethylphenol	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
2,4-Dinitrophenol	ND	62		µg/L	2.5	6/26/2009 7:47:00 PM
2,4-Dinitrotoluene	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
2,6-Dinitrotoluene	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
2-Chloronaphthalene	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
2-Chlorophenol	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
2-Methylnaphthalene	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
2-Methylphenol	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
2-Nitroaniline	ND	62		µg/L	2.5	6/26/2009 7:47:00 PM
2-Nitrophenol	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
3,3´-Dichlorobenzidine	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
3-Nitroaniline	ND	62		µg/L	2.5	6/26/2009 7:47:00 PM
4,6-Dinitro-2-methylphenol	ND	62		µg/L	2.5	6/26/2009 7:47:00 PM
4-Bromophenyl phenyl ether	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
4-Chloro-3-methylphenol	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
4-Chloroaniline	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
4-Chlorophenyl phenyl ether	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
4-Nitroaniline	ND	62		µg/L	2.5	6/26/2009 7:47:00 PM
4-Nitrophenol	ND	62		µg/L	2.5	6/26/2009 7:47:00 PM
Acenaphthene	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Acenaphthylene	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Anthracene	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Benz(a)anthracene	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Benzo(a)pyrene	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Benzo(b)fluoranthene	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Benzo(g,h,i)perylene	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Benzo(k)fluoranthene	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Bis(2-chloroethoxy)methane	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Bis(2-chloroethyl)ether	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Bis(2-chloroisopropyl)ether	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM

Approved By: PFF **Date:** 6-30-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *30-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: MW-11
Lab Order: U0906314
Collection Date: 6/11/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906314-005
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3510)**	Analyst: **LD**
Bis(2-ethylhexyl)phthalate	6.6	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Butyl benzyl phthalate	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Carbazole	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Chrysene	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Di-n-butyl phthalate	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Di-n-octyl phthalate	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Dibenz(a,h)anthracene	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Dibenzofuran	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Diethyl phthalate	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Dimethyl phthalate	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Fluoranthene	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Fluorene	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Hexachlorobenzene	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Hexachlorobutadiene	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Hexachlorocyclopentadiene	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Hexachloroethane	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Indeno(1,2,3-cd)pyrene	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Isophorone	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
N-Nitrosodi-n-propylamine	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
N-Nitrosodiphenylamine	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Naphthalene	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Nitrobenzene	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Pentachlorophenol	ND	12		µg/L	2.5	6/26/2009 7:47:00 PM
Phenanthrene	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Phenol	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM
Pyrene	ND	6.2		µg/L	2.5	6/26/2009 7:47:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

TCL VOLATILE ORGANICS				**SW8260B**		Analyst: **LEF**
1,1,1-Trichloroethane	ND	3.0		µg/L	1	6/17/2009 1:24:00 PM
1,1,2,2-Tetrachloroethane	ND	3.0		µg/L	1	6/17/2009 1:24:00 PM
1,1,2-Trichloroethane	ND	3.0		µg/L	1	6/17/2009 1:24:00 PM
1,1-Dichloroethane	ND	3.0		µg/L	1	6/17/2009 1:24:00 PM
1,1-Dichloroethene	ND	3.0		µg/L	1	6/17/2009 1:24:00 PM
1,2-Dichloroethane	ND	3.0		µg/L	1	6/17/2009 1:24:00 PM
1,2-Dichloropropane	ND	3.0		µg/L	1	6/17/2009 1:24:00 PM
2-Butanone	ND	10		µg/L	1	6/17/2009 1:24:00 PM
2-Hexanone	ND	10		µg/L	1	6/17/2009 1:24:00 PM

Approved By: PFF **Date:** 6-30-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *30-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: MW-11
Lab Order: U0906314
Collection Date: 6/11/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906314-005
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL VOLATILE ORGANICS				**SW8260B**		Analyst: **LEF**
4-Methyl-2-pentanone	ND	10		µg/L	1	6/17/2009 1:24:00 PM
Acetone	ND	10		µg/L	1	6/17/2009 1:24:00 PM
Benzene	ND	3.0		µg/L	1	6/17/2009 1:24:00 PM
Bromodichloromethane	ND	3.0		µg/L	1	6/17/2009 1:24:00 PM
Bromoform	ND	3.0		µg/L	1	6/17/2009 1:24:00 PM
Bromomethane	ND	3.0		µg/L	1	6/17/2009 1:24:00 PM
Carbon disulfide	ND	3.0		µg/L	1	6/17/2009 1:24:00 PM
Carbon tetrachloride	ND	3.0		µg/L	1	6/17/2009 1:24:00 PM
Chlorobenzene	ND	3.0		µg/L	1	6/17/2009 1:24:00 PM
Chloroethane	ND	3.0		µg/L	1	6/17/2009 1:24:00 PM
Chloroform	ND	3.0		µg/L	1	6/17/2009 1:24:00 PM
Chloromethane	ND	3.0		µg/L	1	6/17/2009 1:24:00 PM
cis-1,2-Dichloroethene	ND	3.0		µg/L	1	6/17/2009 1:24:00 PM
cis-1,3-Dichloropropene	ND	3.0		µg/L	1	6/17/2009 1:24:00 PM
Dibromochloromethane	ND	3.0		µg/L	1	6/17/2009 1:24:00 PM
Ethylbenzene	ND	3.0		µg/L	1	6/17/2009 1:24:00 PM
m,p-Xylene	ND	3.0		µg/L	1	6/17/2009 1:24:00 PM
Methylene chloride	ND	3.0		µg/L	1	6/17/2009 1:24:00 PM
o-Xylene	ND	3.0		µg/L	1	6/17/2009 1:24:00 PM
Styrene	ND	3.0		µg/L	1	6/17/2009 1:24:00 PM
Tetrachloroethene	ND	3.0		µg/L	1	6/17/2009 1:24:00 PM
Toluene	ND	3.0		µg/L	1	6/17/2009 1:24:00 PM
trans-1,2-Dichloroethene	ND	3.0		µg/L	1	6/17/2009 1:24:00 PM
trans-1,3-Dichloropropene	ND	3.0		µg/L	1	6/17/2009 1:24:00 PM
Trichloroethene	ND	3.0		µg/L	1	6/17/2009 1:24:00 PM
Vinyl chloride	ND	2.0		µg/L	1	6/17/2009 1:24:00 PM

Approved By: PFF **Date:** 6-30-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *30-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: PMW-3
Lab Order: U0906314
Collection Date: 6/11/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906314-006
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS			**SW8270C**		**(SW3510)**	Analyst: **LD**
(3+4)-Methylphenol	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
1,2,4-Trichlorobenzene	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
1,2-Dichlorobenzene	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
1,3-Dichlorobenzene	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
1,4-Dichlorobenzene	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
2,3,4,6-Tetrachlorophenol	ND	12		µg/L	2.5	6/26/2009 8:30:00 PM
2,4,5-Trichlorophenol	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
2,4,6-Trichlorophenol	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
2,4-Dichlorophenol	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
2,4-Dimethylphenol	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
2,4-Dinitrophenol	ND	62		µg/L	2.5	6/26/2009 8:30:00 PM
2,4-Dinitrotoluene	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
2,6-Dinitrotoluene	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
2-Chloronaphthalene	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
2-Chlorophenol	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
2-Methylnaphthalene	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
2-Methylphenol	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
2-Nitroaniline	ND	62		µg/L	2.5	6/26/2009 8:30:00 PM
2-Nitrophenol	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
3,3'-Dichlorobenzidine	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
3-Nitroaniline	ND	62		µg/L	2.5	6/26/2009 8:30:00 PM
4,6-Dinitro-2-methylphenol	ND	62		µg/L	2.5	6/26/2009 8:30:00 PM
4-Bromophenyl phenyl ether	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
4-Chloro-3-methylphenol	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
4-Chloroaniline	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
4-Chlorophenyl phenyl ether	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
4-Nitroaniline	ND	62		µg/L	2.5	6/26/2009 8:30:00 PM
4-Nitrophenol	ND	62		µg/L	2.5	6/26/2009 8:30:00 PM
Acenaphthene	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
Acenaphthylene	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
Anthracene	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
Benz(a)anthracene	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
Benzo(a)pyrene	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
Benzo(b)fluoranthene	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
Benzo(g,h,i)perylene	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
Benzo(k)fluoranthene	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
Bis(2-chloroethoxy)methane	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
Bis(2-chloroethyl)ether	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
Bis(2-chloroisopropyl)ether	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM

Approved By: PFF **Date:** 6-30-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *30-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: PMW-3
Lab Order: U0906314
Collection Date: 6/11/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906314-006
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3510)**	Analyst: **LD**
Bis(2-ethylhexyl)phthalate	4	6.2	J	µg/L	2.5	6/26/2009 8:30:00 PM
Butyl benzyl phthalate	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
Carbazole	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
Chrysene	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
Di-n-butyl phthalate	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
Di-n-octyl phthalate	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
Dibenz(a,h)anthracene	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
Dibenzofuran	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
Diethyl phthalate	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
Dimethyl phthalate	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
Fluoranthene	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
Fluorene	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
Hexachlorobenzene	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
Hexachlorobutadiene	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
Hexachlorocyclopentadiene	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
Hexachloroethane	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
Indeno(1,2,3-cd)pyrene	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
Isophorone	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
N-Nitrosodi-n-propylamine	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
N-Nitrosodiphenylamine	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
Naphthalene	2	6.2	J	µg/L	2.5	6/26/2009 8:30:00 PM
Nitrobenzene	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
Pentachlorophenol	ND	12		µg/L	2.5	6/26/2009 8:30:00 PM
Phenanthrene	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
Phenol	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM
Pyrene	ND	6.2		µg/L	2.5	6/26/2009 8:30:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

TCL VOLATILE ORGANICS				**SW8260B**		Analyst: **LEF**
1,1,1-Trichloroethane	ND	3.0		µg/L	1	6/21/2009 5:04:00 PM
1,1,2,2-Tetrachloroethane	ND	3.0		µg/L	1	6/21/2009 5:04:00 PM
1,1,2-Trichloroethane	ND	3.0		µg/L	1	6/21/2009 5:04:00 PM
1,1-Dichloroethane	ND	3.0		µg/L	1	6/21/2009 5:04:00 PM
1,1-Dichloroethene	ND	3.0		µg/L	1	6/21/2009 5:04:00 PM
1,2-Dichloroethane	ND	3.0		µg/L	1	6/21/2009 5:04:00 PM
1,2-Dichloropropane	ND	3.0		µg/L	1	6/21/2009 5:04:00 PM
2-Butanone	ND	10		µg/L	1	6/21/2009 5:04:00 PM
2-Hexanone	ND	10		µg/L	1	6/21/2009 5:04:00 PM

Approved By: PFF **Date:** 6-30-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *30-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: PMW-3
Lab Order: U0906314
Collection Date: 6/11/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906314-006
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL VOLATILE ORGANICS				**SW8260B**		Analyst: **LEF**
4-Methyl-2-pentanone	ND	10		µg/L	1	6/21/2009 5:04:00 PM
Acetone	ND	10		µg/L	1	6/21/2009 5:04:00 PM
Benzene	3.9	3.0		µg/L	1	6/21/2009 5:04:00 PM
Bromodichloromethane	ND	3.0		µg/L	1	6/21/2009 5:04:00 PM
Bromoform	ND	3.0		µg/L	1	6/21/2009 5:04:00 PM
Bromomethane	ND	3.0		µg/L	1	6/21/2009 5:04:00 PM
Carbon disulfide	ND	3.0		µg/L	1	6/21/2009 5:04:00 PM
Carbon tetrachloride	ND	3.0		µg/L	1	6/21/2009 5:04:00 PM
Chlorobenzene	ND	3.0		µg/L	1	6/21/2009 5:04:00 PM
Chloroethane	ND	3.0		µg/L	1	6/21/2009 5:04:00 PM
Chloroform	ND	3.0		µg/L	1	6/21/2009 5:04:00 PM
Chloromethane	ND	3.0		µg/L	1	6/21/2009 5:04:00 PM
cis-1,2-Dichloroethene	ND	3.0		µg/L	1	6/21/2009 5:04:00 PM
cis-1,3-Dichloropropene	ND	3.0		µg/L	1	6/21/2009 5:04:00 PM
Dibromochloromethane	ND	3.0		µg/L	1	6/21/2009 5:04:00 PM
Ethylbenzene	29	3.0		µg/L	1	6/21/2009 5:04:00 PM
m,p-Xylene	3	3.0	J	µg/L	1	6/21/2009 5:04:00 PM
Methylene chloride	ND	3.0		µg/L	1	6/21/2009 5:04:00 PM
o-Xylene	3.2	3.0		µg/L	1	6/21/2009 5:04:00 PM
Styrene	ND	3.0		µg/L	1	6/21/2009 5:04:00 PM
Tetrachloroethene	ND	3.0		µg/L	1	6/21/2009 5:04:00 PM
Toluene	4.1	3.0		µg/L	1	6/21/2009 5:04:00 PM
trans-1,2-Dichloroethene	ND	3.0		µg/L	1	6/21/2009 5:04:00 PM
trans-1,3-Dichloropropene	ND	3.0		µg/L	1	6/21/2009 5:04:00 PM
Trichloroethene	ND	3.0		µg/L	1	6/21/2009 5:04:00 PM
Vinyl chloride	ND	2.0		µg/L	1	6/21/2009 5:04:00 PM

Approved By: PFF **Date:** 6-30-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *30-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: PMW-6
Lab Order: U0906314
Collection Date: 6/11/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906314-007
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3510)**	Analyst: **LD**
(3+4)-Methylphenol	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
1,2,4-Trichlorobenzene	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
1,2-Dichlorobenzene	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
1,3-Dichlorobenzene	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
1,4-Dichlorobenzene	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
2,3,4,6-Tetrachlorophenol	ND	17		µg/L	2.5	6/26/2009 9:14:00 PM
2,4,5-Trichlorophenol	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
2,4,6-Trichlorophenol	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
2,4-Dichlorophenol	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
2,4-Dimethylphenol	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
2,4-Dinitrophenol	ND	87		µg/L	2.5	6/26/2009 9:14:00 PM
2,4-Dinitrotoluene	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
2,6-Dinitrotoluene	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
2-Chloronaphthalene	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
2-Chlorophenol	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
2-Methylnaphthalene	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
2-Methylphenol	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
2-Nitroaniline	ND	87		µg/L	2.5	6/26/2009 9:14:00 PM
2-Nitrophenol	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
3,3'-Dichlorobenzidine	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
3-Nitroaniline	ND	87		µg/L	2.5	6/26/2009 9:14:00 PM
4,6-Dinitro-2-methylphenol	ND	87		µg/L	2.5	6/26/2009 9:14:00 PM
4-Bromophenyl phenyl ether	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
4-Chloro-3-methylphenol	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
4-Chloroaniline	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
4-Chlorophenyl phenyl ether	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
4-Nitroaniline	ND	87		µg/L	2.5	6/26/2009 9:14:00 PM
4-Nitrophenol	ND	87		µg/L	2.5	6/26/2009 9:14:00 PM
Acenaphthene	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Acenaphthylene	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Anthracene	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Benz(a)anthracene	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Benzo(a)pyrene	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Benzo(b)fluoranthene	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Benzo(g,h,i)perylene	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Benzo(k)fluoranthene	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Bis(2-chloroethoxy)methane	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Bis(2-chloroethyl)ether	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Bis(2-chloroisopropyl)ether	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM

Approved By: PFF **Date:** 6-30-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *30-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: PMW-6
Lab Order: U0906314
Collection Date: 6/11/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906314-007
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3510)**	Analyst: **LD**
Bis(2-ethylhexyl)phthalate	18	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Butyl benzyl phthalate	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Carbazole	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Chrysene	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Di-n-butyl phthalate	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Di-n-octyl phthalate	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Dibenz(a,h)anthracene	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Dibenzofuran	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Diethyl phthalate	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Dimethyl phthalate	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Fluoranthene	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Fluorene	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Hexachlorobenzene	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Hexachlorobutadiene	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Hexachlorocyclopentadiene	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Hexachloroethane	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Indeno(1,2,3-cd)pyrene	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Isophorone	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
N-Nitrosodi-n-propylamine	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
N-Nitrosodiphenylamine	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Naphthalene	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Nitrobenzene	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Pentachlorophenol	ND	17		µg/L	2.5	6/26/2009 9:14:00 PM
Phenanthrene	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Phenol	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM
Pyrene	ND	8.7		µg/L	2.5	6/26/2009 9:14:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

TCL VOLATILE ORGANICS				**SW8260B**		Analyst: **LEF**
1,1,1-Trichloroethane	ND	3.0		µg/L	1	6/17/2009 2:40:00 PM
1,1,2,2-Tetrachloroethane	ND	3.0		µg/L	1	6/17/2009 2:40:00 PM
1,1,2-Trichloroethane	ND	3.0		µg/L	1	6/17/2009 2:40:00 PM
1,1-Dichloroethane	ND	3.0		µg/L	1	6/17/2009 2:40:00 PM
1,1-Dichloroethene	ND	3.0		µg/L	1	6/17/2009 2:40:00 PM
1,2-Dichloroethane	ND	3.0		µg/L	1	6/17/2009 2:40:00 PM
1,2-Dichloropropane	ND	3.0		µg/L	1	6/17/2009 2:40:00 PM
2-Butanone	ND	10		µg/L	1	6/17/2009 2:40:00 PM
2-Hexanone	ND	10		µg/L	1	6/17/2009 2:40:00 PM

Approved By: PFF **Date:** 6-30-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *30-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: PMW-6
Lab Order: U0906314
Collection Date: 6/11/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906314-007
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL VOLATILE ORGANICS			**SW8260B**			Analyst: **LEF**
4-Methyl-2-pentanone	ND	10		µg/L	1	6/17/2009 2:40:00 PM
Acetone	ND	10		µg/L	1	6/17/2009 2:40:00 PM
Benzene	ND	3.0		µg/L	1	6/17/2009 2:40:00 PM
Bromodichloromethane	ND	3.0		µg/L	1	6/17/2009 2:40:00 PM
Bromoform	ND	3.0		µg/L	1	6/17/2009 2:40:00 PM
Bromomethane	ND	3.0		µg/L	1	6/17/2009 2:40:00 PM
Carbon disulfide	ND	3.0		µg/L	1	6/17/2009 2:40:00 PM
Carbon tetrachloride	ND	3.0		µg/L	1	6/17/2009 2:40:00 PM
Chlorobenzene	ND	3.0		µg/L	1	6/17/2009 2:40:00 PM
Chloroethane	ND	3.0		µg/L	1	6/17/2009 2:40:00 PM
Chloroform	ND	3.0		µg/L	1	6/17/2009 2:40:00 PM
Chloromethane	ND	3.0		µg/L	1	6/17/2009 2:40:00 PM
cis-1,2-Dichloroethene	ND	3.0		µg/L	1	6/17/2009 2:40:00 PM
cis-1,3-Dichloropropene	ND	3.0		µg/L	1	6/17/2009 2:40:00 PM
Dibromochloromethane	ND	3.0		µg/L	1	6/17/2009 2:40:00 PM
Ethylbenzene	ND	3.0		µg/L	1	6/17/2009 2:40:00 PM
m,p-Xylene	ND	3.0		µg/L	1	6/17/2009 2:40:00 PM
Methylene chloride	ND	3.0		µg/L	1	6/17/2009 2:40:00 PM
o-Xylene	ND	3.0		µg/L	1	6/17/2009 2:40:00 PM
Styrene	ND	3.0		µg/L	1	6/17/2009 2:40:00 PM
Tetrachloroethene	ND	3.0		µg/L	1	6/17/2009 2:40:00 PM
Toluene	ND	3.0		µg/L	1	6/17/2009 2:40:00 PM
trans-1,2-Dichloroethene	ND	3.0		µg/L	1	6/17/2009 2:40:00 PM
trans-1,3-Dichloropropene	ND	3.0		µg/L	1	6/17/2009 2:40:00 PM
Trichloroethene	ND	3.0		µg/L	1	6/17/2009 2:40:00 PM
Vinyl chloride	ND	2.0		µg/L	1	6/17/2009 2:40:00 PM

Approved By: PFF **Date:** 6-30-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *30-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: PMW-7
Lab Order: U0906314
Collection Date: 6/11/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906314-008
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3510)**	Analyst: **LD**
(3+4)-Methylphenol	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
1,2,4-Trichlorobenzene	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
1,2-Dichlorobenzene	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
1,3-Dichlorobenzene	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
1,4-Dichlorobenzene	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
2,3,4,6-Tetrachlorophenol	ND	12		µg/L	2.5	6/26/2009 9:58:00 PM
2,4,5-Trichlorophenol	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
2,4,6-Trichlorophenol	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
2,4-Dichlorophenol	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
2,4-Dimethylphenol	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
2,4-Dinitrophenol	ND	62		µg/L	2.5	6/26/2009 9:58:00 PM
2,4-Dinitrotoluene	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
2,6-Dinitrotoluene	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
2-Chloronaphthalene	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
2-Chlorophenol	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
2-Methylnaphthalene	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
2-Methylphenol	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
2-Nitroaniline	ND	62		µg/L	2.5	6/26/2009 9:58:00 PM
2-Nitrophenol	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
3,3'-Dichlorobenzidine	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
3-Nitroaniline	ND	62		µg/L	2.5	6/26/2009 9:58:00 PM
4,6-Dinitro-2-methylphenol	ND	62		µg/L	2.5	6/26/2009 9:58:00 PM
4-Bromophenyl phenyl ether	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
4-Chloro-3-methylphenol	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
4-Chloroaniline	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
4-Chlorophenyl phenyl ether	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
4-Nitroaniline	ND	62		µg/L	2.5	6/26/2009 9:58:00 PM
4-Nitrophenol	ND	62		µg/L	2.5	6/26/2009 9:58:00 PM
Acenaphthene	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Acenaphthylene	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Anthracene	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Benz(a)anthracene	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Benzo(a)pyrene	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Benzo(b)fluoranthene	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Benzo(g,h,i)perylene	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Benzo(k)fluoranthene	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Bis(2-chloroethoxy)methane	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Bis(2-chloroethyl)ether	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Bis(2-chloroisopropyl)ether	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM

Approved By: PFF **Date:** 6-30-09

Qualifiers:

- * Low Level
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *30-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: PMW-7
Lab Order: U0906314
Collection Date: 6/11/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906314-008
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL-SEMIVOLATILE ORGANICS				**SW8270C**	**(SW3510)**	Analyst: **LD**
Bis(2-ethylhexyl)phthalate	6.4	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Butyl benzyl phthalate	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Carbazole	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Chrysene	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Di-n-butyl phthalate	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Di-n-octyl phthalate	2	6.2	J	µg/L	2.5	6/26/2009 9:58:00 PM
Dibenz(a,h)anthracene	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Dibenzofuran	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Diethyl phthalate	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Dimethyl phthalate	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Fluoranthene	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Fluorene	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Hexachlorobenzene	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Hexachlorobutadiene	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Hexachlorocyclopentadiene	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Hexachloroethane	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Indeno(1,2,3-cd)pyrene	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Isophorone	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
N-Nitrosodi-n-propylamine	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
N-Nitrosodiphenylamine	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Naphthalene	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Nitrobenzene	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Pentachlorophenol	ND	12		µg/L	2.5	6/26/2009 9:58:00 PM
Phenanthrene	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Phenol	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM
Pyrene	ND	6.2		µg/L	2.5	6/26/2009 9:58:00 PM

NOTES:
Matrix interference noted during extraction. Sample underwent GPC cleanup.

TCL VOLATILE ORGANICS				**SW8260B**		Analyst: **LEF**
1,1,1-Trichloroethane	ND	3.0		µg/L	1	6/21/2009 5:42:00 PM
1,1,2,2-Tetrachloroethane	ND	3.0		µg/L	1	6/21/2009 5:42:00 PM
1,1,2-Trichloroethane	ND	3.0		µg/L	1	6/21/2009 5:42:00 PM
1,1-Dichloroethane	ND	3.0		µg/L	1	6/21/2009 5:42:00 PM
1,1-Dichloroethene	ND	3.0		µg/L	1	6/21/2009 5:42:00 PM
1,2-Dichloroethane	ND	3.0		µg/L	1	6/21/2009 5:42:00 PM
1,2-Dichloropropane	ND	3.0		µg/L	1	6/21/2009 5:42:00 PM
2-Butanone	ND	10		µg/L	1	6/21/2009 5:42:00 PM
2-Hexanone	ND	10		µg/L	1	6/21/2009 5:42:00 PM

Approved By: PFF **Date:** 6-30-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *30-Jun-09*

CLIENT:	NYSDEC - Region 6	**Client Sample ID:**	PMW-7
Lab Order:	U0906314	**Collection Date:**	6/11/2009
Project:	Matt/Grace Petroleum, Spill #88-09026		
Lab ID:	U0906314-008	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL VOLATILE ORGANICS			**SW8260B**			Analyst: **LEF**
4-Methyl-2-pentanone	ND	10		µg/L	1	6/21/2009 5:42:00 PM
Acetone	ND	10		µg/L	1	6/21/2009 5:42:00 PM
Benzene	ND	3.0		µg/L	1	6/21/2009 5:42:00 PM
Bromodichloromethane	ND	3.0		µg/L	1	6/21/2009 5:42:00 PM
Bromoform	ND	3.0		µg/L	1	6/21/2009 5:42:00 PM
Bromomethane	ND	3.0		µg/L	1	6/21/2009 5:42:00 PM
Carbon disulfide	ND	3.0		µg/L	1	6/21/2009 5:42:00 PM
Carbon tetrachloride	ND	3.0		µg/L	1	6/21/2009 5:42:00 PM
Chlorobenzene	ND	3.0		µg/L	1	6/21/2009 5:42:00 PM
Chloroethane	ND	3.0		µg/L	1	6/21/2009 5:42:00 PM
Chloroform	ND	3.0		µg/L	1	6/21/2009 5:42:00 PM
Chloromethane	ND	3.0		µg/L	1	6/21/2009 5:42:00 PM
cis-1,2-Dichloroethene	ND	3.0		µg/L	1	6/21/2009 5:42:00 PM
cis-1,3-Dichloropropene	ND	3.0		µg/L	1	6/21/2009 5:42:00 PM
Dibromochloromethane	ND	3.0		µg/L	1	6/21/2009 5:42:00 PM
Ethylbenzene	ND	3.0		µg/L	1	6/21/2009 5:42:00 PM
m,p-Xylene	ND	3.0		µg/L	1	6/21/2009 5:42:00 PM
Methylene chloride	ND	3.0		µg/L	1	6/21/2009 5:42:00 PM
o-Xylene	ND	3.0		µg/L	1	6/21/2009 5:42:00 PM
Styrene	ND	3.0		µg/L	1	6/21/2009 5:42:00 PM
Tetrachloroethene	ND	3.0		µg/L	1	6/21/2009 5:42:00 PM
Toluene	ND	3.0		µg/L	1	6/21/2009 5:42:00 PM
trans-1,2-Dichloroethene	ND	3.0		µg/L	1	6/21/2009 5:42:00 PM
trans-1,3-Dichloropropene	ND	3.0		µg/L	1	6/21/2009 5:42:00 PM
Trichloroethene	ND	3.0		µg/L	1	6/21/2009 5:42:00 PM
Vinyl chloride	ND	2.0		µg/L	1	6/21/2009 5:42:00 PM

Approved By: PFF **Date:** 6-30-09

Qualifiers:

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

Upstate Laboratories, Inc.

Analytical Report

Date: *30-Jun-09*

CLIENT: NYSDEC - Region 6
Client Sample ID: ULI Trip Blank
Lab Order: U0906314
Collection Date: 6/11/2009
Project: Matt/Grace Petroleum, Spill #88-09026
Lab ID: U0906314-009
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCL VOLATILE ORGANICS			**SW8260B**			Analyst: **LEF**
1,1,1-Trichloroethane	ND	3.0		µg/L	1	6/17/2009 3:19:00 PM
1,1,2,2-Tetrachloroethane	ND	3.0		µg/L	1	6/17/2009 3:19:00 PM
1,1,2-Trichloroethane	ND	3.0		µg/L	1	6/17/2009 3:19:00 PM
1,1-Dichloroethane	ND	3.0		µg/L	1	6/17/2009 3:19:00 PM
1,1-Dichloroethene	ND	3.0		µg/L	1	6/17/2009 3:19:00 PM
1,2-Dichloroethane	ND	3.0		µg/L	1	6/17/2009 3:19:00 PM
1,2-Dichloropropane	ND	3.0		µg/L	1	6/17/2009 3:19:00 PM
2-Butanone	ND	10		µg/L	1	6/17/2009 3:19:00 PM
2-Hexanone	ND	10		µg/L	1	6/17/2009 3:19:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	6/17/2009 3:19:00 PM
Acetone	ND	10		µg/L	1	6/17/2009 3:19:00 PM
Benzene	ND	3.0		µg/L	1	6/17/2009 3:19:00 PM
Bromodichloromethane	ND	3.0		µg/L	1	6/17/2009 3:19:00 PM
Bromoform	ND	3.0		µg/L	1	6/17/2009 3:19:00 PM
Bromomethane	ND	3.0		µg/L	1	6/17/2009 3:19:00 PM
Carbon disulfide	ND	3.0		µg/L	1	6/17/2009 3:19:00 PM
Carbon tetrachloride	ND	3.0		µg/L	1	6/17/2009 3:19:00 PM
Chlorobenzene	ND	3.0		µg/L	1	6/17/2009 3:19:00 PM
Chloroethane	ND	3.0		µg/L	1	6/17/2009 3:19:00 PM
Chloroform	ND	3.0		µg/L	1	6/17/2009 3:19:00 PM
Chloromethane	ND	3.0		µg/L	1	6/17/2009 3:19:00 PM
cis-1,2-Dichloroethene	ND	3.0		µg/L	1	6/17/2009 3:19:00 PM
cis-1,3-Dichloropropene	ND	3.0		µg/L	1	6/17/2009 3:19:00 PM
Dibromochloromethane	ND	3.0		µg/L	1	6/17/2009 3:19:00 PM
Ethylbenzene	ND	3.0		µg/L	1	6/17/2009 3:19:00 PM
m,p-Xylene	ND	3.0		µg/L	1	6/17/2009 3:19:00 PM
Methylene chloride	ND	3.0		µg/L	1	6/17/2009 3:19:00 PM
o-Xylene	ND	3.0		µg/L	1	6/17/2009 3:19:00 PM
Styrene	ND	3.0		µg/L	1	6/17/2009 3:19:00 PM
Tetrachloroethene	ND	3.0		µg/L	1	6/17/2009 3:19:00 PM
Toluene	ND	3.0		µg/L	1	6/17/2009 3:19:00 PM
trans-1,2-Dichloroethene	ND	3.0		µg/L	1	6/17/2009 3:19:00 PM
trans-1,3-Dichloropropene	ND	3.0		µg/L	1	6/17/2009 3:19:00 PM
Trichloroethene	ND	3.0		µg/L	1	6/17/2009 3:19:00 PM
Vinyl chloride	ND	2.0		µg/L	1	6/17/2009 3:19:00 PM

Approved By: PFF **Date:** 6-30-09

Qualifiers:

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

Upstate Laboratories, Inc.

6034 Corporate Drive E. Syracuse New York 13057
(315) 437 0255 Fax 437 1209

Chain of Custody Record

QC Format

Office use only
Approved date:

Client: NYS DEC Reg 6

Project #/ Project Name: SP: 8809026/93296/Matt Pet.

Client Contact: Pete Ouderkirk

Phone # 315 793-2520

Location (city/state) Address: Leland Ave, Utica NY

Sample ID	Date	Time	Matrix	GRAB or COMP	ULI Internal Use Only	No. of Containers	1) 8260 Full	2) 8270 Full	3)	4)	5)	6)	7)	8)	9)	10)
					U09063I4											
mw-1	6-11-09	Pm	H20	G	1	3	X	X								
mw-2					2											
mw-9					3											
mw-10					4											
mw-11					5											
Pmw-3					6											
Pmw-6					7											
Pmw-7					8											
ULI TRIP BLANK	6-11-09		W	G	9	1	X									

Remarks

Parameter and Method	Sample bottle:	Type	Size	Preservative
1) 8260 Full				
2) 8270 Full				

Sampled by (Print): Michael Colapinto
Company: OP-TECH

Name of Courier: Velocity

	Date	Time	
Relinquished by:(sign)	6/11/09	6:45 PM	Received by: (sign)
Relinquished by:(sign)	6/12/09	5:00	Received by: (sign)
Relinquished by:(sign)	6-15-09	0800	Rec'd for Lab by: K Crump

file Date

Rochester Buffalo **Albany** Binghamton New Jersey