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**YEAR:**

**2007**

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Environmental Bureau  
Oil Conservation Division

**EXTENDED HYDROGEOLOGIC REPORT  
GENERAL PETROLEUM SITE  
EUNICE, NEW MEXICO**

Topical Report RSI-1935

*prepared for*

Mr. Ben Stone  
Environmental Section  
New Mexico Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, New Mexico 87505

May 31, 2007



**EXTENDED HYDROGEOLOGIC REPORT  
GENERAL PETROLEUM SITE  
EUNICE, NEW MEXICO**

Topical Report RSI-1935

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by

Dave Henard

JUN 13 2007

Environmental Bureau  
Oil Conservation Division

RESPEC  
5971 Jefferson NE, Suite 101  
Albuquerque, New Mexico 87109

*prepared for*

Mr. Ben Stone  
Environmental Section  
New Mexico Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, New Mexico 87505

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## 1.0 INTRODUCTION

This report presents data accumulated during an extended hydrogeologic investigation performed at the General Petroleum Site located in Eunice, New Mexico.

### 1.1 SITE HISTORY

In August 2003, the New Mexico Oil Conservation Division (NMOCD) retained RESPEC to conduct a site characterization of the General Petroleum site in Eunice, New Mexico. The site had formerly been used as a crude oil processing plant and had been abandoned for an unknown number of years. It had been declared a Superfund site by the Environmental Protection Agency (EPA).



The 10-acre tract of land had obviously been impacted by the operations of the processing plant. Approximately 6 acres of the tract was covered with breached aboveground storage tanks leaking paraffin and crude oil, surfaces covered with spilled paraffin and crude oil, and four large open pits, covering approximately 2 acres, containing petroleum-contaminated fluids and solids.



The initial site characterization revealed the following:

1. Soils and fluids were confirmed in excess of acceptable regulatory concentrations and were classified as exempt oilfield waste by NMOCD criteria.
2. After completing three groundwater monitoring wells, designated MW-1, MW-2, and MW-3 (see Figure 1), RESPEC determined that:
  - a. The depth to groundwater was approximately 90 feet below surface grade (bsg).
  - b. Only chloride concentrations were in excess of water quality standards (see Table 1).

3. There was approximately 50,000 cubic yards of petroleum-contaminated soils at the site.

In 2005 and 2006, RESPEC implemented cleanup of the site, under the direction of NMOCD Project Manager Ben Stone. Following are some highlights of the project.

1. More than 5,000 linear feet of steel and asbestos-coated abandoned steel piping was removed and disposed.



2. Aboveground storage tanks were emptied, inerted, dismantled, and removed.



3. 50,000 cubic yards of petroleum-contaminated soils was excavated, transported, and properly disposed.



4. 51,000 cubic yards of clean backfill was transported, placed, and compacted.



## 1.2 CURRENT INVESTIGATION

During the initial site characterization, it had been determined that drilling additional soil borings and completing monitoring wells in the most contaminated zones, especially in and adjacent to the pit areas, would be unsound environmental practice. However, after the cleanup highlighted above, RESPEC was able to advance soil borings and complete monitoring wells without contaminating lower soils and groundwater. This report presents data generated from soil borings and monitoring well completions in and adjacent to the former highly contaminated areas. The three newer monitoring well completions have been designated MW-4, MW-5, and MW-6 (see Figure 1).



## 2.0 PROJECT PHASE

This project phase is an extended hydrogeological investigation. The project has been performed in accordance with accepted environmental practices and NMOCD recommendations and practices. Included in this report of the project, during which RESPEC defined the horizontal and vertical extent of vadose contamination, are:

- The determination of the magnitude and direction of groundwater flow (see Figure 2).
- A partial definition of the horizontal extent of groundwater contaminant plume(s) and quantification of the magnitude of groundwater contamination on-site (see Figure 3).

## 3.0 HEALTH AND SAFETY PLAN

A site health and safety plan was prepared before the commencement of field activities. This plan was based on the RESPEC standard health and safety plan for environmental studies and included the following:

- Certified Occupational Safety and Health Administration (OSHA) training.
- An outline of first aid and emergency equipment and procedures.
- Delineation of restricted work zones and barricading of any openings in the ground resulting from project activities.
- Securing of equipment and materials against accidents or tampering.
- Air monitoring for detection of possible explosive or toxic vapors.
- Designation of No Smoking areas.
- Outlining and enforcement of requirements for personal protective equipment, including hard hats and steel-toed boots.
- Employee training in pertinent safety procedures, including fire and explosion prevention and toxic vapor identification.
- Designation of facilities for sanitation, eating, and/or drinking.
- Rules for traffic control and safe vehicle operation.
- Housekeeping rules.

## 4.0 EXTENT OF CONTAMINATION

### 4.1 SOIL CONTAMINATION

RESPEC's work plan for the extended hydrogeologic investigation, dated November 4, 2005, called for the advancement of 20 soil borings, three of which were completed as groundwater monitoring wells. Each boring was sampled at 5-foot intervals with a split-spoon sampler through a hollow-stem auger. During drilling operations, samples collected at 5-foot intervals were field screened via on-site testing by headspace analysis with a flame ionization detection (FID) unit. See Figure 4 for the locations of the soil borings.

Soil samples collected from the soil borings were submitted to Hall Environmental Analysis Laboratory for analysis by EPA 8015B for total motor oil range organics (MRO), total diesel range organics (DRO), and total gasoline range organics (GRO). The laboratory results and chain of custody for all soil samples are attached to this report in Appendix A.

Hydrocarbon soil contamination in the vadose zone appears to be concentrated vertically through the caliche zone and to a lesser extent into the silty sand zone below (see Figure 5). The vertical extent in soils with contaminant concentrations exceeding 100 parts per million (ppm), as seen in SB-10, is 44 feet below ground surface (bgs). Chloride concentrations of 1,300 ppm were reported at 78 feet bgs and 32 ppm at 88 feet bgs in MW-4. Figure 5 and Figure 6 depict the cross sections A-A' and B-B' generated from the soil borings.

### 4.2 GROUNDWATER CONTAMINATION

RESPEC developed groundwater monitoring wells MW-1 through MW-6 by removing eight well volumes of water from each well. All wells were allowed to recover to 80 percent of the initial static water level before groundwater samples were collected with dedicated disposable polyethylene bailers. Each sample was carefully decanted into 40-mL vials with Teflon septa caps, in a manner such that no headspace remained, and preserved with mercuric chloride, stored on ice at 4°C. Each groundwater sample obtained for laboratory analysis was labeled, sealed, recorded on a chain-of-custody record, and delivered to the laboratory for analysis. The groundwater samples were analyzed in accordance with EPA Methodology 8260 for volatile organic compounds (VOCs) and EPA Methodology 300 for chlorides.

For laboratory analysis values, refer to the water quality analysis quick-look sheet in Table 1 and the reports of Hall Environmental Analysis Laboratory in Appendix A. Chloride contamination exceeding New Mexico Water Quality Control Commission (NMWQCC) limits of 250 ppm was evident in MW-1, MW-2, MW-4, and MW-6. A benzene level of 28 ppb, exceeding the NMWQCC limit of 10 parts per billion (ppb) was found in MW-4.

## 5.0 SITE HYDROGEOLOGY

### 5.1 GEOLOGY

The General Petroleum site is located within the city limits of Eunice, New Mexico, in the vast area of eastern New Mexico and west Texas commonly referred to as the Llano Estacado. The Llano Estacado ("Staked Plain") is typically topographically flat with low relief hills. Eunice, New Mexico, is a prolific oil- and gas-producing area that lies along the western edge of the Permian Basin.

The subsurface lithology at the site generally consists of caliche-leached zones to depths reaching 30 bgs. The caliche zone varies from unconsolidated to very consolidated hardness. Caliche is typical for the Llano Estacado. Below the caliche zone is unconsolidated silty sand, which may be depositional equivalent to the Ogallala Formation. The formation is consistent with the water-bearing zone at 90 feet bgs.

### 5.2 HYDROLOGY/GROUNDWATER CHARACTERISTICS

The six groundwater monitoring wells were surveyed for location and elevations by a New Mexico registered professional surveyor (the surveyor's plat is included as Figure 7.) The surveyed surface elevations varied from 3,466 feet to 3,469 feet above mean sea level. As seen in Figure 2, depth-to-groundwater measurements taken during field sampling work indicated that water table elevations varied from 3,379 feet to 3,380 feet above mean sea level. Figure 2 also shows the groundwater gradient to the south-southwest. RESPEC calculated the gradient magnitude to be 0.002 foot per foot. Additional groundwater monitoring will provide a more accurate hydrologic cycle for this area.

## **6.0 SOIL TREATMENT**

Contaminated soil generated by drilling operations and yielding FID measurements of more than 100 parts per million (ppm) was placed in 55-gallon hazmat barrels and removed from the site. Other soils generated during the drilling operation were thinly spread over the site.

## **7.0 SAMPLING PROCEDURES**

Before sampling, RESPEC personnel purged the six monitoring wells by removing groundwater from each well (approximately 8 well volumes) until a less than 10 percent variation of temperature, pH, and conductivity was recorded from consecutive measurements. Before sample collection, each well was allowed to recover to approximately 80 percent of its initial static water level.

A groundwater sample was collected from each well with a sterile bailer. All aqueous sampling for the site was performed in accordance with the NMED Soil and Water Sampling Guidelines (NMED, 2000). Each sample was carefully decanted into 40-mL vials with Teflon septa caps, in a manner such that no headspace remained, and preserved with mercuric chloride and stored on ice at 4°C. Each groundwater sample obtained for laboratory analysis was labeled, sealed, recorded on a chain-of-custody record, and delivered to the laboratory for analysis. The groundwater samples were analyzed in accordance with EPA Methodology 8260 for volatile organic compounds (VOCs) and EPA Method 300 for chlorides. Laboratory results are assembled in Table 1, the quick-look sheet. Copies of the chain-of-custody forms, laboratory results, and laboratory quality assurance/quality control measures (QA/QC) for the groundwater sample, can be seen in Appendix A.

## **8.0 NAPL RECOVERY**

No nonaqueous phase liquids (NAPL) have been observed in groundwater monitoring wells at this site.

## 9.0 CONCLUSIONS AND RECOMMENDATIONS

The extended hydrogeology investigation at the General Petroleum site has resulted in defining the horizontal and vertical extent of soil contamination. Groundwater quality with reference to both hydrocarbon constituents and chlorides has been defined by the established upgradient monitoring well designated MW-3. The sampling results for MW-4 revealed a 28 ppb concentration of the hydrocarbon constituent benzene, exceeding NMWQCC limits. MW-6 defines the downgradient extent of benzene as being below NMWQCC limits. No downgradient monitoring well has been established for NMWQCC chloride standards. The chloride concentrations remain very low, and further delineation downgradient is not recommended at this time.

RESPEC recommends continued groundwater monitoring for this site. Specifically, we recommend 2 years of quarterly monitoring and sampling, all findings being reported to the NMOCD project manager.

## 10.0 STATEMENT OF FAMILIARITY

I, the undersigned, am personally familiar with the information submitted in this report and in the attached documents and attest that it is true and complete.



Dave Henard  
Dave Henard  
Project Geologist

**Table 1. General Petroleum Site Quick Look Sheet**  
**Aqueous Laboratory Results (mg/L)**

**Chlorides reported in mg/L**

Well ID	Collection Date	Chloride	TDS	Fluoride	Iron	Lead	Manganese	Benzene	Toluene	Ethylbenzene	BTEX reported in µg/L	
											Total Xylenes	
<b>MW-1</b>	7/9/2002	<b>560</b>	1600	1.6	1.3	<.0050	0.54	ND	ND	ND	ND	ND
	9/1/29/2005	<b>480</b>	NR	1.8	0.081	ND	0.005	ND	ND	ND	ND	ND
	4/11/2007	<b>470</b>	NR	NR	NR	NR	NR	1.6	ND	ND	ND	ND
<b>MW-2</b>	7/9/2002	<b>750</b>	2500	2.1	1.2	<.0050	0.59	ND	ND	ND	ND	ND
	9/1/29/2005	<b>700</b>	NR	2.8	ND	ND	0.27	ND	ND	ND	ND	ND
	4/11/2007	<b>460</b>	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
<b>MW-3</b>	7/9/2002	92	600	3.0	32	0.013	0.57	ND	ND	ND	ND	ND
	9/1/29/2005	77	NR	3.0	0.027	ND	0.0021	ND	ND	ND	ND	ND
	4/11/2007	82	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
<b>MW-4</b>	4/11/2007	<b>490</b>	NR	NR	NR	NR	NR	<b>28</b>	ND	4.2	2	
<b>MW-5</b>	4/11/2007	200	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
<b>MW-6</b>	4/11/2007	<b>510</b>	NR	NR	NR	NR	NR	ND	ND	ND	ND	ND
<b>NMED/GWPA Limits*</b>		<b>250</b>	<b>10000</b>	<b>1.6</b>	<b>1.0</b>	<b>0.05</b>	<b>0.2</b>	<b>10</b>	<b>750</b>	<b>750</b>	<b>620</b>	

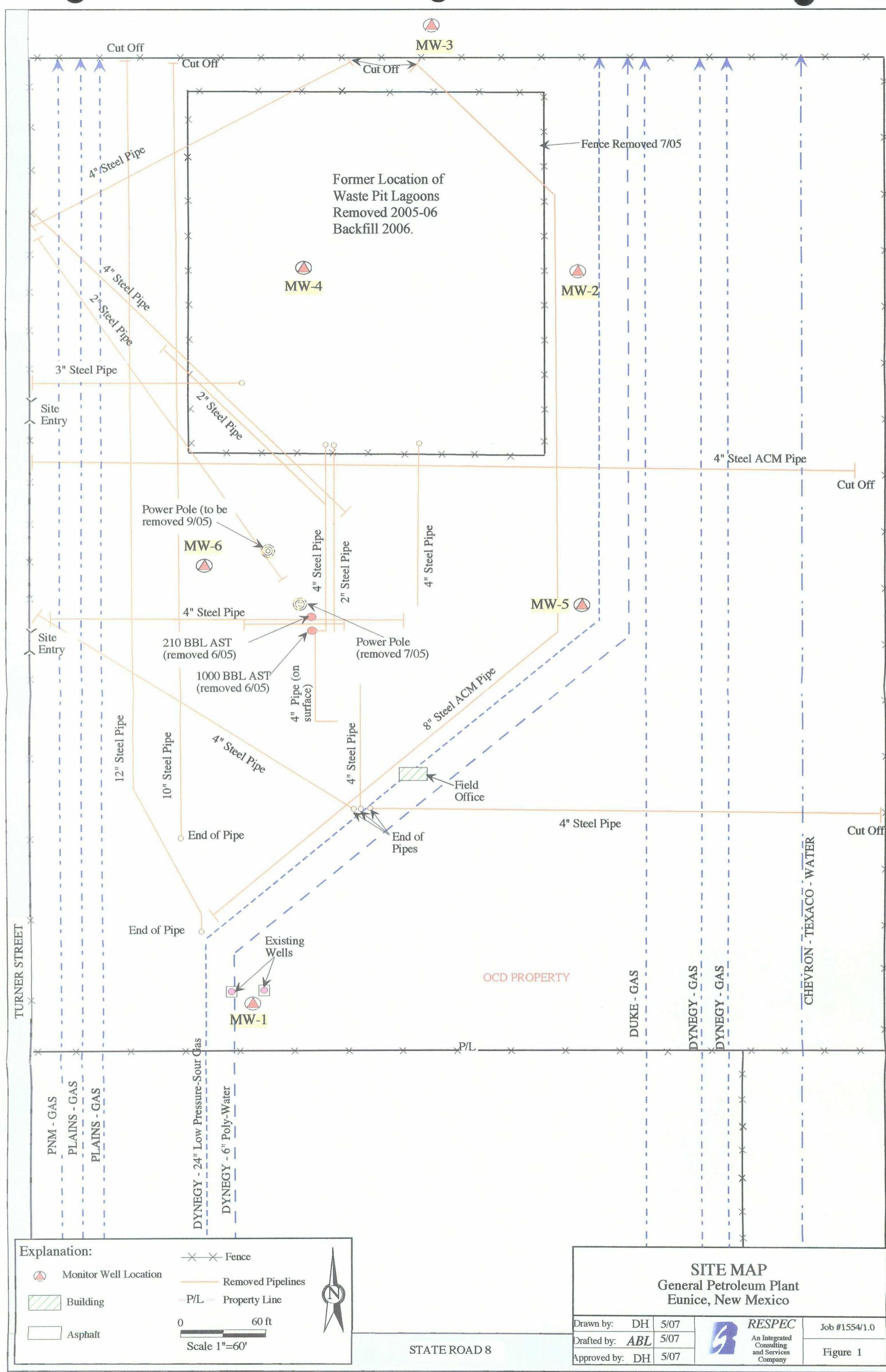
NR = Not Reported

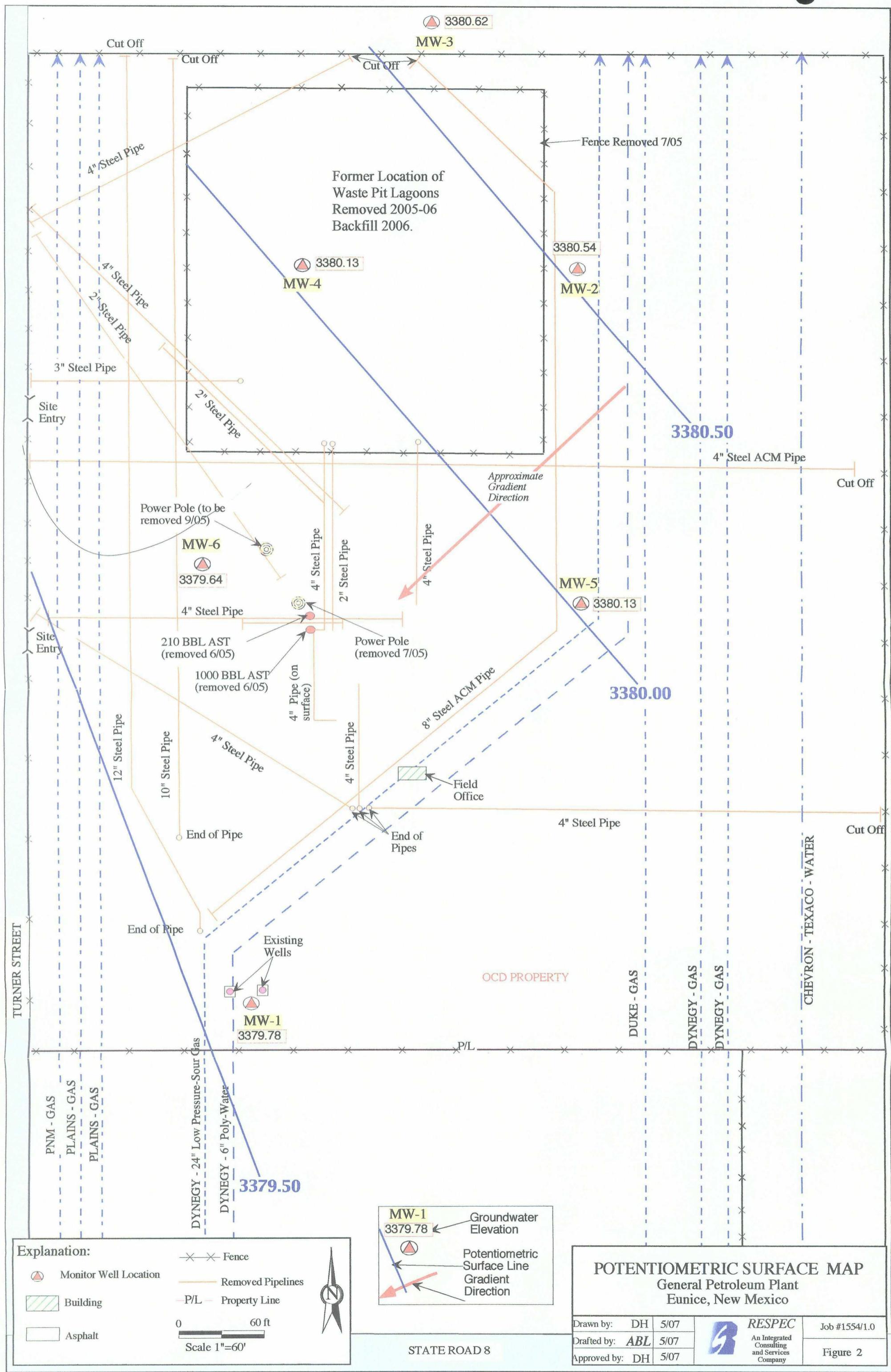
ND = Not Detected at the Reporting Limit

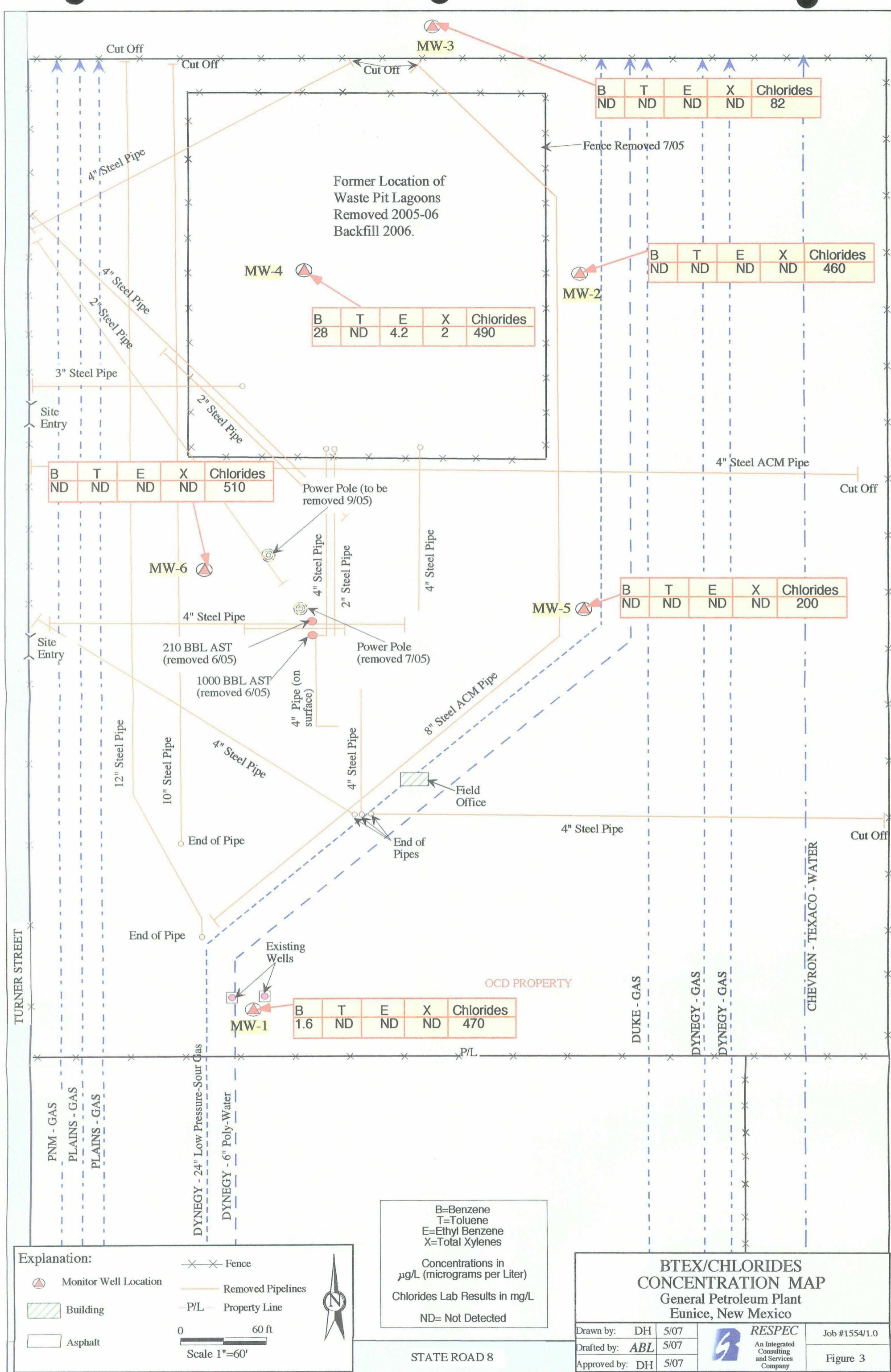
**Table 2. Survey Data and Water Level Measurements  
General Petroleum Site, Eunice, New Mexico**

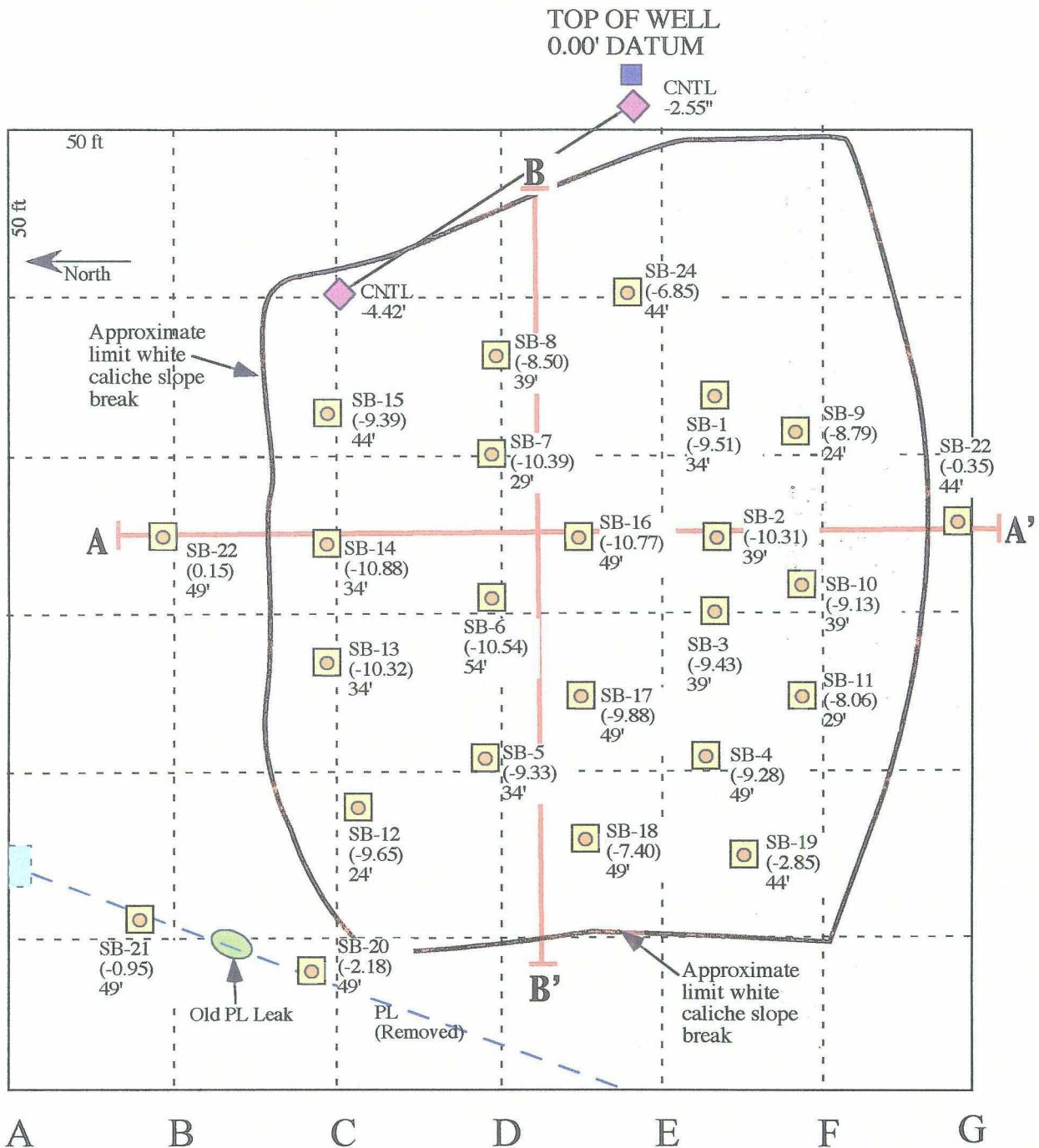
Well ID	Date	Depth to Water (ft)	Elev. at Casing (ft)	Elev. at Water (ft)
MW-1	4/11/2007	90.35	3470.13	3379.78
MW-2	4/11/2007	86.98	3467.52	3380.54
MW-3	4/11/2007	87.56	3468.18	3380.62
MW-4	4/11/2007	86.80	3466.93	3380.13
MW-5	4/11/2007	89.63	3380.13	3380.13
MW-6	4/11/2007	90.06	3469.70	3379.64

Average DTW = 88.56









**Explanation:**



Soil Boring Location  
with depth and surface  
elevation

0 50 ft

Scale 1"=50'

B — B' Location of Cross  
Section



**BORING LOCATIONS, TOTAL BORING DEPTHS, AND SURFACE ELEVATIONS (BT MW-2) MAP**

General Petroleum Plant  
Eunice, New Mexico

Drawn by: DH 5/07

Drafted by: ABL 5/07

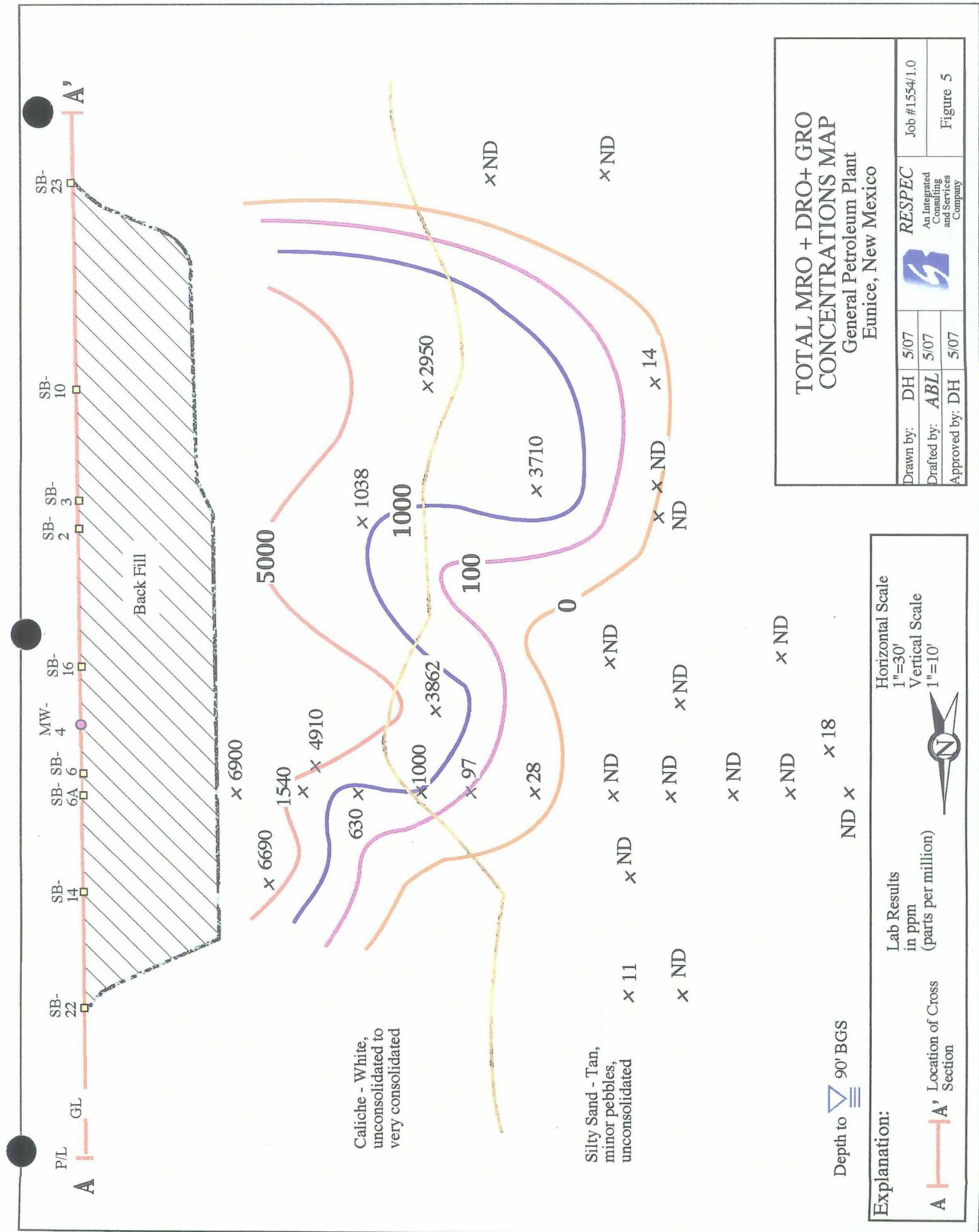
Approved by: DH 5/07

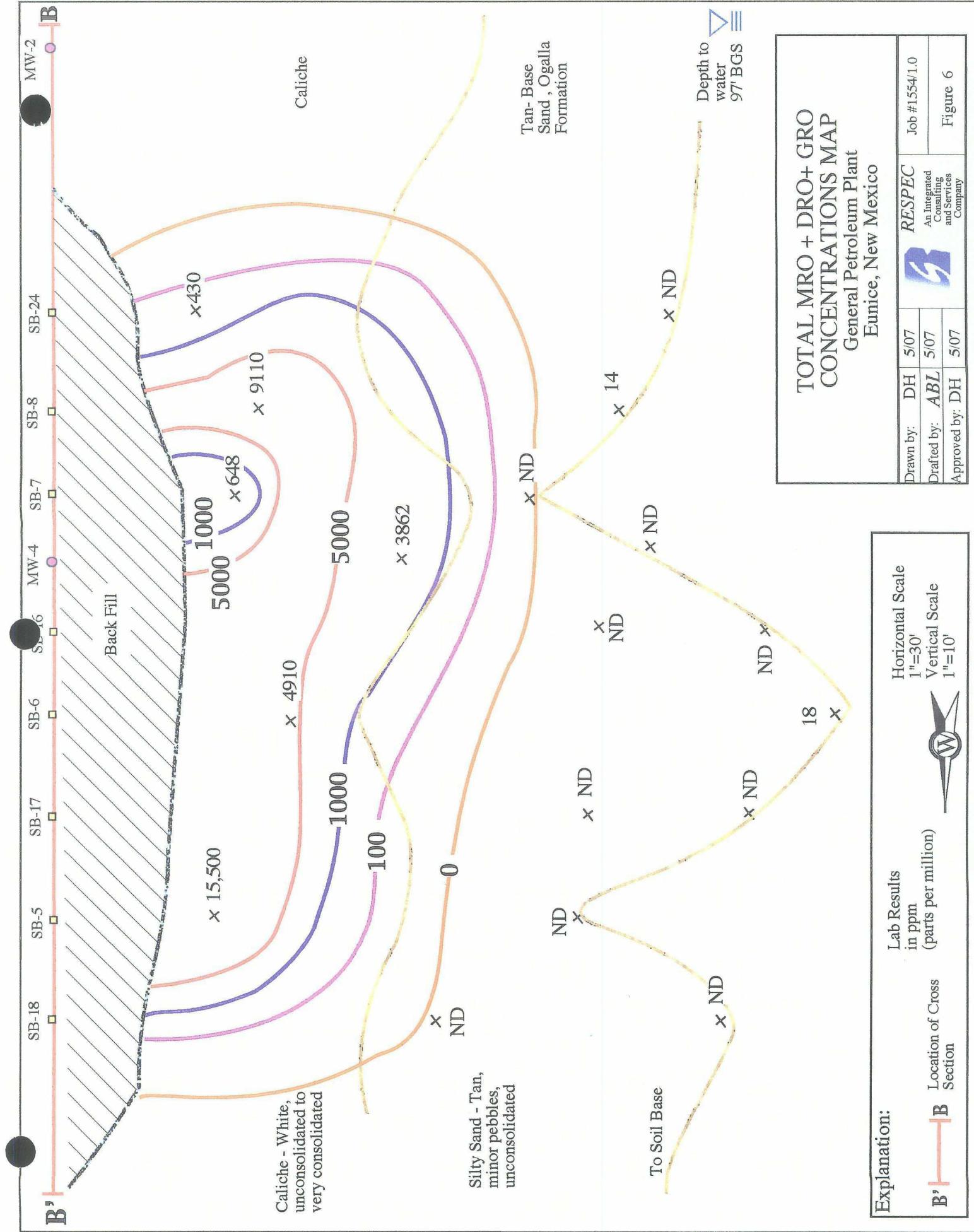


**RESPEC**  
An Integrated Consulting  
and Services Company

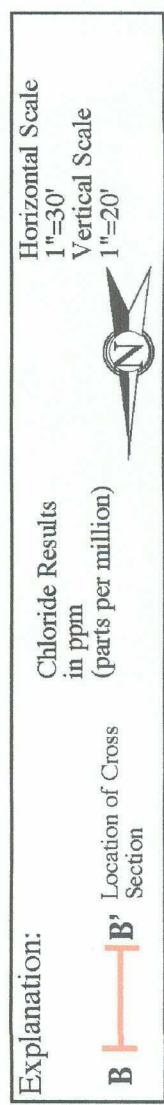
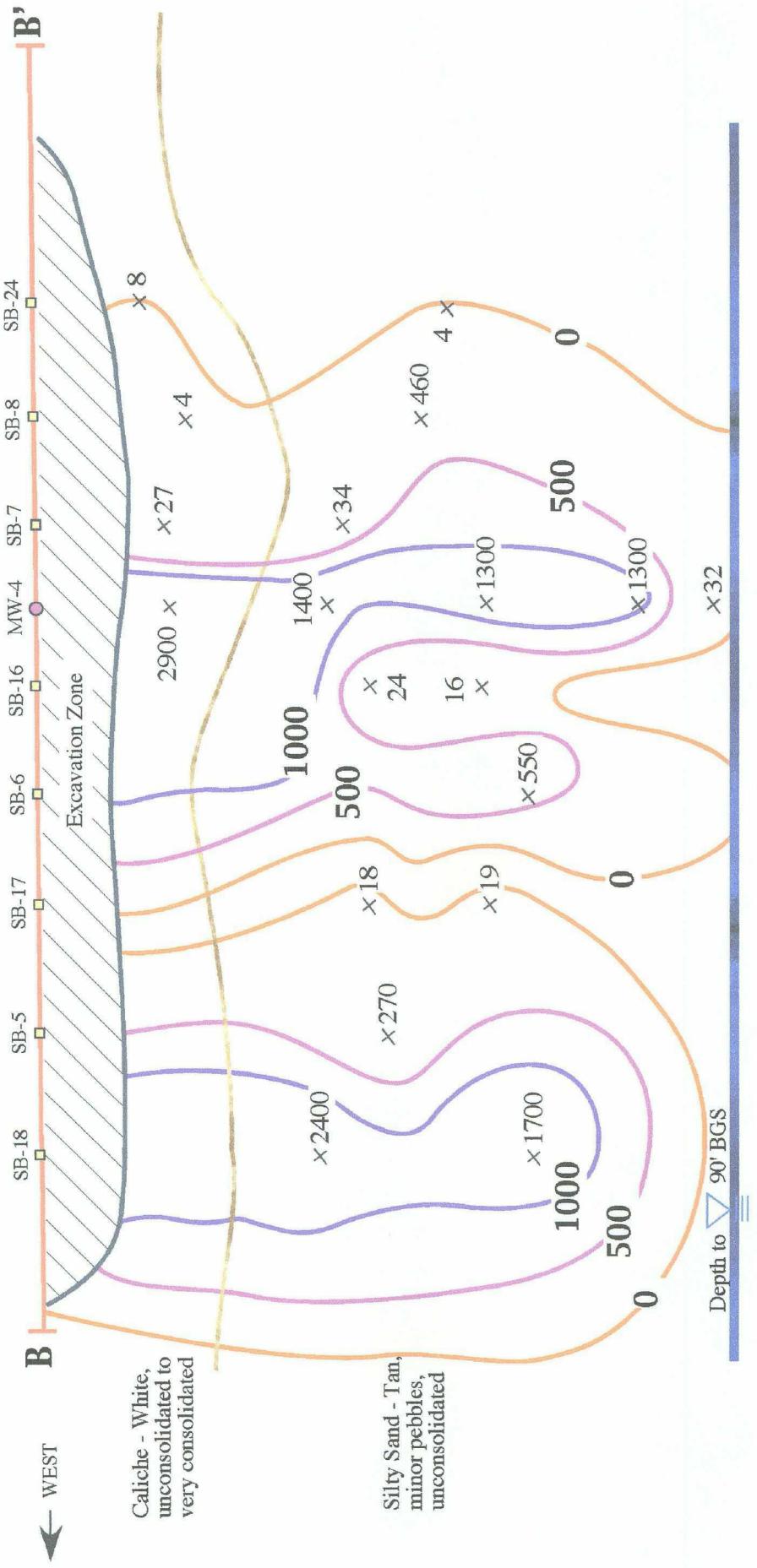
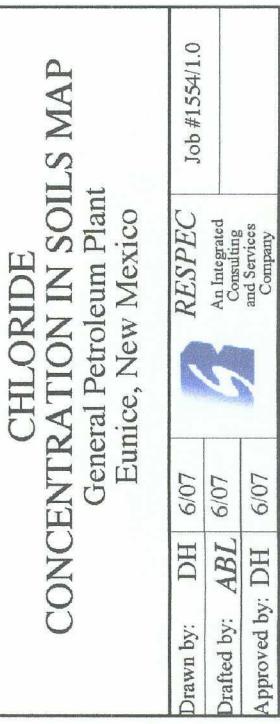
Job #1554/1.0

Figure 4









# EXHIBIT A

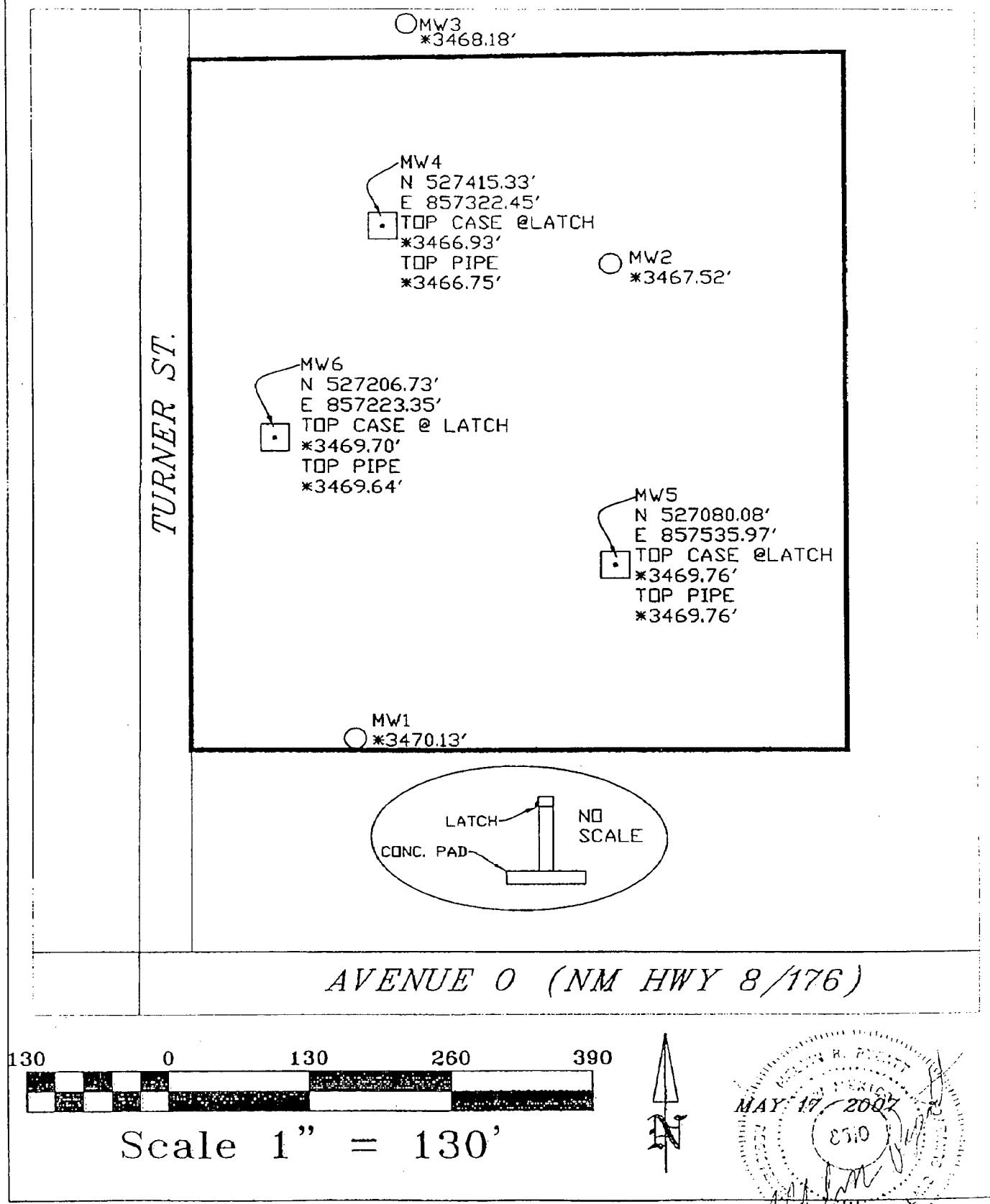


Figure 7

**APPENDIX A:**  
**LABORATORY RESULTS**  
**AND**  
**CHAIN OF CUSTODY**



## COVER LETTER

Wednesday, April 25, 2007

John Bunch  
Respec  
5971 Jefferson NE Suite 101  
Albuquerque, NM 87109  
  
TEL: (505) 268-2661  
FAX (505) 268-0040

RE: General Petroleum Site Eunice, NM

Order No.: 0704206

Dear John Bunch:

Hall Environmental Analysis Laboratory, Inc. received 7 sample(s) on 4/13/2007 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Nancy McDuffie".

Andy Freeman, Business Manager  
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425  
AZ license # AZ0682  
ORELAP Lab # NM100001



4901 Hawkins NE ■ Suite D ■ Albuquerque, NM 87109  
505.345.3975 ■ Fax 505.345.4107  
[www.hallenvironmental.com](http://www.hallenvironmental.com)

# Hall Environmental Analysis Laboratory, Inc.

Date: 25-Apr-07

**CLIENT:** Respec  
**Lab Order:** 0704206  
**Project:** General Petroleum Site Eunice, NM  
**Lab ID:** 0704206-01

**Client Sample ID:** MW-1  
**Collection Date:** 4/11/2007 6:06:00 PM  
**Date Received:** 4/13/2007  
**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						
Chloride	470	2.0		mg/L	20	4/18/2007 6:02:40 AM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	1.6	1.0		µg/L	1	4/17/2007 12:30:12 PM
Toluene	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM
Ethylbenzene	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM
Naphthalene	ND	2.0		µg/L	1	4/17/2007 12:30:12 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	4/17/2007 12:30:12 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	4/17/2007 12:30:12 PM
Acetone	ND	10		µg/L	1	4/17/2007 12:30:12 PM
Bromobenzene	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM
Bromochloromethane	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM
Bromodichloromethane	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM
Bromoform	1.5	1.0		µg/L	1	4/17/2007 12:30:12 PM
Bromomethane	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM
2-Butanone	ND	10		µg/L	1	4/17/2007 12:30:12 PM
Carbon disulfide	ND	10		µg/L	1	4/17/2007 12:30:12 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM
Chlorobenzene	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM
Chloroethane	ND	2.0		µg/L	1	4/17/2007 12:30:12 PM
Chloroform	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM
Chloromethane	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM
2-Chlorotoluene	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM
4-Chlorotoluene	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM
cis-1,2-DCE	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/17/2007 12:30:12 PM
Dibromochloromethane	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM
Dibromomethane	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
E Value above quantitation range  
J Analyte detected below quantitation limits  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
RL Reporting Limit

# Hall Environmental Analysis Laboratory, Inc.

Date: 25-Apr-07

**CLIENT:** Respec  
**Lab Order:** 0704206  
**Project:** General Petroleum Site Eunice, NM  
**Lab ID:** 0704206-01

**Client Sample ID:** MW-1

**Collection Date:** 4/11/2007 6:06:00 PM  
**Date Received:** 4/13/2007  
**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Analyst: LMM
<b>EPA METHOD 8260B: VOLATILES</b>							
1,3-Dichloropropane	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM	
2,2-Dichloropropane	ND	2.0		µg/L	1	4/17/2007 12:30:12 PM	
1,1-Dichloropropene	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM	
Hexachlorobutadiene	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM	
2-Hexanone	ND	10		µg/L	1	4/17/2007 12:30:12 PM	
Isopropylbenzene	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM	
4-Isopropyltoluene	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM	
4-Methyl-2-pentanone	ND	10		µg/L	1	4/17/2007 12:30:12 PM	
Methylene Chloride	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM	
n-Butylbenzene	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM	
n-Propylbenzene	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM	
sec-Butylbenzene	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM	
Styrene	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM	
tert-Butylbenzene	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM	
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM	
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/17/2007 12:30:12 PM	
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM	
trans-1,2-DCE	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM	
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM	
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM	
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM	
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM	
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM	
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM	
Trichlorofluoromethane	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM	
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/17/2007 12:30:12 PM	
Vinyl chloride	ND	1.0		µg/L	1	4/17/2007 12:30:12 PM	
Xylenes, Total	ND	1.5		µg/L	1	4/17/2007 12:30:12 PM	
Surr: 1,2-Dichloroethane-d4	101	76.6-113		%REC	1	4/17/2007 12:30:12 PM	
Surr: 4-Bromofluorobenzene	108	77-117		%REC	1	4/17/2007 12:30:12 PM	
Surr: Dibromofluoromethane	107	72.3-121		%REC	1	4/17/2007 12:30:12 PM	
Surr: Toluene-d8	104	73-113		%REC	1	4/17/2007 12:30:12 PM	

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
E Value above quantitation range  
J Analyte detected below quantitation limits  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
RL Reporting Limit

# Hall Environmental Analysis Laboratory, Inc.

Date: 25-Apr-07

**CLIENT:** Respec  
**Lab Order:** 0704206  
**Project:** General Petroleum Site Eunice, NM  
**Lab ID:** 0704206-02

**Client Sample ID:** MW-2  
**Collection Date:** 4/11/2007 7:05:00 PM  
**Date Received:** 4/13/2007  
**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						
Chloride	460	2.0		mg/L	20	4/18/2007 6:20:05 AM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
Toluene	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
Ethylbenzene	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
Naphthalene	ND	2.0		µg/L	1	4/17/2007 5:08:50 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	4/17/2007 5:08:50 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	4/17/2007 5:08:50 AM
Acetone	ND	10		µg/L	1	4/17/2007 5:08:50 AM
Bromobenzene	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
Bromochloromethane	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
Bromodichloromethane	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
Bromoform	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
Bromomethane	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
2-Butanone	ND	10		µg/L	1	4/17/2007 5:08:50 AM
Carbon disulfide	ND	10		µg/L	1	4/17/2007 5:08:50 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
Chlorobenzene	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
Chloroethane	ND	2.0		µg/L	1	4/17/2007 5:08:50 AM
Chloroform	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
Chloromethane	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
2-Chlorotoluene	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
4-Chlorotoluene	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
cis-1,2-DCE	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/17/2007 5:08:50 AM
Dibromochloromethane	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
Dibromomethane	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
E Value above quantitation range  
J Analyte detected below quantitation limits  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
RL Reporting Limit

# Hall Environmental Analysis Laboratory, Inc.

Date: 25-Apr-07

**CLIENT:** Respec  
**Lab Order:** 0704206  
**Project:** General Petroleum Site Eunice, NM  
**Lab ID:** 0704206-02

**Client Sample ID:** MW-2  
**Collection Date:** 4/11/2007 7:05:00 PM  
**Date Received:** 4/13/2007  
**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8260B: VOLATILES</b>						
1,3-Dichloropropane	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/17/2007 5:08:50 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
2-Hexanone	ND	10		µg/L	1	4/17/2007 5:08:50 AM
Isopropylbenzene	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/17/2007 5:08:50 AM
Methylene Chloride	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
n-Butylbenzene	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
n-Propylbenzene	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
sec-Butylbenzene	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
Styrene	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
tert-Butylbenzene	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/17/2007 5:08:50 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
trans-1,2-DCE	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/17/2007 5:08:50 AM
Vinyl chloride	ND	1.0		µg/L	1	4/17/2007 5:08:50 AM
Xylenes, Total	ND	1.5		µg/L	1	4/17/2007 5:08:50 AM
Surr: 1,2-Dichloroethane-d4	108	76.6-113		%REC	1	4/17/2007 5:08:50 AM
Surr: 4-Bromofluorobenzene	105	77-117		%REC	1	4/17/2007 5:08:50 AM
Surr: Dibromofluoromethane	108	72.3-121		%REC	1	4/17/2007 5:08:50 AM
Surr: Toluene-d8	102	73-113		%REC	1	4/17/2007 5:08:50 AM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
E Value above quantitation range  
J Analyte detected below quantitation limits  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
RL Reporting Limit

# Hall Environmental Analysis Laboratory, Inc.

Date: 25-Apr-07

CLIENT: Respec  
 Lab Order: 0704206  
 Project: General Petroleum Site Eunice, NM  
 Lab ID: 0704206-03

Client Sample ID: MW-3  
 Collection Date: 4/11/2007 7:50:00 PM  
 Date Received: 4/13/2007  
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						
Chloride	82	0.50		mg/L	5	4/13/2007 5:52:26 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
Toluene	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
Ethylbenzene	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
Naphthalene	ND	2.0		µg/L	1	4/17/2007 5:43:42 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	4/17/2007 5:43:42 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	4/17/2007 5:43:42 AM
Acetone	ND	10		µg/L	1	4/17/2007 5:43:42 AM
Bromobenzene	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
Bromochloromethane	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
Bromodichloromethane	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
Bromoform	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
Bromomethane	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
2-Butanone	ND	10		µg/L	1	4/17/2007 5:43:42 AM
Carbon disulfide	ND	10		µg/L	1	4/17/2007 5:43:42 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
Chlorobenzene	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
Chloroethane	ND	2.0		µg/L	1	4/17/2007 5:43:42 AM
Chloroform	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
Chloromethane	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
2-Chlorotoluene	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
4-Chlorotoluene	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
cis-1,2-DCE	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/17/2007 5:43:42 AM
Dibromochloromethane	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
Dibromomethane	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM

Qualifiers: \* Value exceeds Maximum Contaminant Level  
 E Value above quantitation range  
 J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit  
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 MCL Maximum Contaminant Level  
 RL Reporting Limit

# Hall Environmental Analysis Laboratory, Inc.

Date: 25-Apr-07

**CLIENT:** Respec  
**Lab Order:** 0704206  
**Project:** General Petroleum Site Eunice, NM  
**Lab ID:** 0704206-03

**Client Sample ID:** MW-3  
**Collection Date:** 4/11/2007 7:50:00 PM  
**Date Received:** 4/13/2007  
**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8260B: VOLATILES</b>						
1,3-Dichloropropane	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/17/2007 5:43:42 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
2-Hexanone	ND	10		µg/L	1	4/17/2007 5:43:42 AM
Isopropylbenzene	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/17/2007 5:43:42 AM
Methylene Chloride	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
n-Butylbenzene	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
n-Propylbenzene	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
sec-Butylbenzene	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
Styrene	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
tert-Butylbenzene	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/17/2007 5:43:42 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
trans-1,2-DCE	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/17/2007 5:43:42 AM
Vinyl chloride	ND	1.0		µg/L	1	4/17/2007 5:43:42 AM
Xylenes, Total	ND	1.5		µg/L	1	4/17/2007 5:43:42 AM
Surr: 1,2-Dichloroethane-d4	104	76.6-113		%REC	1	4/17/2007 5:43:42 AM
Surr: 4-Bromofluorobenzene	106	77-117		%REC	1	4/17/2007 5:43:42 AM
Surr: Dibromofluoromethane	110	72.3-121		%REC	1	4/17/2007 5:43:42 AM
Surr: Toluene-d8	103	73-113		%REC	1	4/17/2007 5:43:42 AM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
E Value above quantitation range  
J Analyte detected below quantitation limits  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
RL Reporting Limit

# Hall Environmental Analysis Laboratory, Inc.

Date: 25-Apr-07

**CLIENT:** Respec  
**Lab Order:** 0704206  
**Project:** General Petroleum Site Eunice, NM  
**Lab ID:** 0704206-04

**Client Sample ID:** MW-4  
**Collection Date:** 4/11/2007 1:41:00 PM  
**Date Received:** 4/13/2007  
**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						
Chloride	490	2.0		mg/L	20	4/18/2007 6:37:29 AM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	28	1.0		µg/L	1	4/17/2007 6:18:31 AM
Toluene	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM
Ethylbenzene	4.2	1.0		µg/L	1	4/17/2007 6:18:31 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM
1,2,4-Trimethylbenzene	1.9	1.0		µg/L	1	4/17/2007 6:18:31 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM
Naphthalene	ND	2.0		µg/L	1	4/17/2007 6:18:31 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	4/17/2007 6:18:31 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	4/17/2007 6:18:31 AM
Acetone	ND	10		µg/L	1	4/17/2007 6:18:31 AM
Bromobenzene	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM
Bromochloromethane	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM
Bromodichloromethane	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM
Bromoform	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM
Bromomethane	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM
2-Butanone	ND	10		µg/L	1	4/17/2007 6:18:31 AM
Carbon disulfide	ND	10		µg/L	1	4/17/2007 6:18:31 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM
Chlorobenzene	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM
Chloroethane	ND	2.0		µg/L	1	4/17/2007 6:18:31 AM
Chloroform	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM
Chloromethane	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM
2-Chlorotoluene	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM
4-Chlorotoluene	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM
cis-1,2-DCE	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/17/2007 6:18:31 AM
Dibromochloromethane	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM
Dibromomethane	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
E Value above quantitation range  
J Analyte detected below quantitation limits  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
RL Reporting Limit

# Hall Environmental Analysis Laboratory, Inc.

Date: 25-Apr-07

**CLIENT:** Respec  
**Lab Order:** 0704206  
**Project:** General Petroleum Site Eunice, NM  
**Lab ID:** 0704206-04

**Client Sample ID:** MW-4  
**Collection Date:** 4/11/2007 1:41:00 PM  
**Date Received:** 4/13/2007  
**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Analyst: LMM
<b>EPA METHOD 8260B: VOLATILES</b>							
1,3-Dichloropropane	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM	
2,2-Dichloropropane	ND	2.0		µg/L	1	4/17/2007 6:18:31 AM	
1,1-Dichloropropene	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM	
Hexachlorobutadiene	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM	
2-Hexanone	ND	10		µg/L	1	4/17/2007 6:18:31 AM	
Isopropylbenzene	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM	
4-Isopropyltoluene	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM	
4-Methyl-2-pentanone	ND	10		µg/L	1	4/17/2007 6:18:31 AM	
Methylene Chloride	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM	
n-Butylbenzene	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM	
n-Propylbenzene	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM	
sec-Butylbenzene	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM	
Styrene	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM	
tert-Butylbenzene	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM	
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM	
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/17/2007 6:18:31 AM	
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM	
trans-1,2-DCE	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM	
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM	
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM	
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM	
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM	
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM	
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM	
Trichlorofluoromethane	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM	
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/17/2007 6:18:31 AM	
Vinyl chloride	ND	1.0		µg/L	1	4/17/2007 6:18:31 AM	
Xylenes, Total	2.0	1.5		µg/L	1	4/17/2007 6:18:31 AM	
Surr: 1,2-Dichloroethane-d4	114	76.6-115		%REC	1	4/17/2007 6:18:31 AM	
Surr: 4-Bromofluorobenzene	104	77-117		%REC	1	4/17/2007 6:18:31 AM	
Surr: Dibromofluoromethane	117	72.3-121		%REC	1	4/17/2007 6:18:31 AM	
Surr: Toluene-d8	105	73-113		%REC	1	4/17/2007 6:18:31 AM	

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
E Value above quantitation range  
J Analyte detected below quantitation limits  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
RL Reporting Limit

# Hall Environmental Analysis Laboratory, Inc.

Date: 25-Apr-07

**CLIENT:** Respec  
**Lab Order:** 0704206  
**Project:** General Petroleum Site Eunice, NM  
**Lab ID:** 0704206-05

**Client Sample ID:** MW-5  
**Collection Date:** 4/11/2007 4:50:00 PM  
**Date Received:** 4/13/2007  
**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						
Chloride	200	1.0		mg/L	10	4/18/2007 6:54:53 AM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM
Toluene	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM
Ethylbenzene	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM
Naphthalene	ND	2.0		µg/L	1	4/17/2007 6:53:24 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	4/17/2007 6:53:24 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	4/17/2007 6:53:24 AM
Acetone	ND	10		µg/L	1	4/17/2007 6:53:24 AM
Bromobenzene	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM
Bromochloromethane	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM
Bromodichloromethane	NO	1.0		µg/L	1	4/17/2007 6:53:24 AM
Bromoform	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM
Bromomethane	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM
2-Butanone	ND	10		µg/L	1	4/17/2007 6:53:24 AM
Carbon disulfide	ND	10		µg/L	1	4/17/2007 6:53:24 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM
Chlorobenzene	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM
Chloroethane	ND	2.0		µg/L	1	4/17/2007 6:53:24 AM
Chloroform	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM
Chloromethane	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM
2-Chlorotoluene	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM
4-Chlorotoluene	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM
cis-1,2-DCE	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/17/2007 6:53:24 AM
Dibromochloromethane	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM
Dibromomethane	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
E Value above quantitation range  
J Analyte detected below quantitation limits  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
RL Reporting Limit

# Hall Environmental Analysis Laboratory, Inc.

Date: 25-Apr-07

**CLIENT:** Respec  
**Lab Order:** 0704206  
**Project:** General Petroleum Site Eunice, NM  
**Lab ID:** 0704206-05

**Client Sample ID:** MW-5  
**Collection Date:** 4/11/2007 4:50:00 PM  
**Date Received:** 4/13/2007  
**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Analyst: LMM
<b>EPA METHOD 8260B: VOLATILES</b>							
1,3-Dichloropropane	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM	
2,2-Dichloropropane	ND	2.0		µg/L	1	4/17/2007 6:53:24 AM	
1,1-Dichloropropene	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM	
Hexachlorobutadiene	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM	
2-Hexanone	ND	10		µg/L	1	4/17/2007 6:53:24 AM	
Isopropylbenzene	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM	
4-Isopropyltoluene	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM	
4-Methyl-2-pentanone	ND	10		µg/L	1	4/17/2007 6:53:24 AM	
Methylene Chloride	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM	
n-Butylbenzene	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM	
n-Propylbenzene	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM	
sec-Butylbenzene	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM	
Styrene	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM	
tert-Butylbenzene	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM	
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM	
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/17/2007 6:53:24 AM	
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM	
trans-1,2-DCE	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM	
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM	
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM	
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM	
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM	
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM	
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM	
Trichlorofluoromethane	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM	
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/17/2007 6:53:24 AM	
Vinyl chloride	ND	1.0		µg/L	1	4/17/2007 6:53:24 AM	
Xylenes, Total	ND	1.5		µg/L	1	4/17/2007 6:53:24 AM	
Surr: 1,2-Dichloroethane-d4	105	76.6-113		%REC	1	4/17/2007 6:53:24 AM	
Surr: 4-Bromofluorobenzene	108	77-117		%REC	1	4/17/2007 6:53:24 AM	
Surr: Dibromofluoromethane	114	72.3-121		%REC	1	4/17/2007 6:53:24 AM	
Surr: Toluene-d8	104	73-113		%REC	1	4/17/2007 6:53:24 AM	

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
E Value above quantitation range  
J Analyte detected below quantitation limits  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
RL Reporting Limit

# Hall Environmental Analysis Laboratory, Inc.

Date: 25-Apr-07

**CLIENT:** Respec  
**Lab Order:** 0704206  
**Project:** General Petroleum Site Eunice, NM  
**Lab ID:** 0704206-06

**Client Sample ID:** MW-6  
**Collection Date:** 4/11/2007 1:30:00 PM  
**Date Received:** 4/13/2007  
**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						
Chloride	510	2.0		mg/L	20	4/18/2007 7:12:17 AM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
Toluene	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
Ethylbenzene	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
Naphthalene	ND	2.0		µg/L	1	4/17/2007 7:28:06 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	4/17/2007 7:28:06 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	4/17/2007 7:28:06 AM
Acetone	ND	10		µg/L	1	4/17/2007 7:28:06 AM
Bromobenzene	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
Bromochloromethane	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
Bromodichloromethane	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
Bromoform	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
Bromomethane	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
2-Butanone	ND	10		µg/L	1	4/17/2007 7:28:06 AM
Carbon disulfide	ND	10		µg/L	1	4/17/2007 7:28:06 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
Chlorobenzene	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
Chloroethane	ND	2.0		µg/L	1	4/17/2007 7:28:06 AM
Chloroform	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
Chloromethane	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
2-Chlorotoluene	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
4-Chlorotoluene	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
cis-1,2-DCE	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/17/2007 7:28:06 AM
Dibromochloromethane	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
Dibromomethane	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
E Value above quantitation range  
J Analyte detected below quantitation limits  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limit

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
RL Reporting Limit

# Hall Environmental Analysis Laboratory, Inc.

Date: 25-Apr-07

**CLIENT:** Respec  
**Lab Order:** 0704206  
**Project:** General Petroleum Site Eunice, NM  
**Lab ID:** 0704206-06

**Client Sample ID:** MW-6  
**Collection Date:** 4/11/2007 1:30:00 PM  
**Date Received:** 4/13/2007  
**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8260B: VOLATILES</b>						
1,3-Dichloropropane	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/17/2007 7:28:06 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
2-Hexanone	ND	10		µg/L	1	4/17/2007 7:28:06 AM
Isopropylbenzene	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/17/2007 7:28:06 AM
Methylene Chloride	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
n-Butylbenzene	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
n-Propylbenzene	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
sec-Butylbenzene	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
Styrene	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
tert-Butylbenzene	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/17/2007 7:28:06 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
trans-1,2-DCE	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/17/2007 7:28:06 AM
Vinyl chloride	ND	1.0		µg/L	1	4/17/2007 7:28:06 AM
Xylenes, Total	ND	1.5		µg/L	1	4/17/2007 7:28:06 AM
Surr: 1,2-Dichloroethane-d4	102	76.6-113		%REC	1	4/17/2007 7:28:06 AM
Surr: 4-Bromofluorobenzene	104	77-117		%REC	1	4/17/2007 7:28:06 AM
Surr: Dibromofluoromethane	113	72.3-121		%REC	1	4/17/2007 7:28:06 AM
Surr: Toluene-d8	103	73-113		%REC	1	4/17/2007 7:28:06 AM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
E Value above quantitation range  
J Analyte detected below quantitation limits  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
RL Reporting Limit

# Hall Environmental Analysis Laboratory, Inc.

Date: 25-Apr-07

**CLIENT:** Respec  
**Lab Order:** 0704206  
**Project:** General Petroleum Site Eunice, NM  
**Lab ID:** 0704206-07

**Client Sample ID:** Trip Blank  
**Collection Date:**  
**Date Received:** 4/13/2007  
**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Analyst: LMM
<b>EPA METHOD 8260B: VOLATILES</b>							
Benzene	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
Toluene	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
Ethylbenzene	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
Naphthalene	ND	2.0		µg/L	1	4/17/2007 8:03:02 AM	
1-Methylnaphthalene	ND	4.0		µg/L	1	4/17/2007 8:03:02 AM	
2-Methylnaphthalene	ND	4.0		µg/L	1	4/17/2007 8:03:02 AM	
Acetone	ND	10		µg/L	1	4/17/2007 8:03:02 AM	
Bromobenzene	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
Bromochloromethane	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
Bromodichloromethane	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
Bromoform	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
Bromomethane	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
2-Butanone	ND	10		µg/L	1	4/17/2007 8:03:02 AM	
Carbon disulfide	ND	10		µg/L	1	4/17/2007 8:03:02 AM	
Carbon Tetrachloride	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
Chlorobenzene	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
Chloroethane	ND	2.0		µg/L	1	4/17/2007 8:03:02 AM	
Chloroform	ND*	1.0		µg/L	1	4/17/2007 8:03:02 AM	
Chloromethane	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
2-Chlorotoluene	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
4-Chlorotoluene	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
cis-1,2-DCE	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/17/2007 8:03:02 AM	
Dibromochloromethane	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
Dibromomethane	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
1,1-Dichloroethane	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
1,1-Dichloroethene	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
1,2-Dichloropropane	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
1,3-Dichloropropane	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
2,2-Dichloropropane	ND	2.0		µg/L	1	4/17/2007 8:03:02 AM	
1,1-Dichloropropene	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
 E Value above quantitation range  
 J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit  
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 MCL Maximum Contaminant Level  
 RL Reporting Limit

# Hall Environmental Analysis Laboratory, Inc.

Date: 25-Apr-07

CLIENT: Respec  
 Lab Order: 0704206  
 Project: General Petroleum Site Eunice, NM  
 Lab ID: 0704206-07

Client Sample ID: Trip Blank  
 Collection Date:  
 Date Received: 4/13/2007  
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	
<b>EPA METHOD 8260B: VOLATILES</b>							
Hexachlorobutadiene	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	Analyst: LMM
2-Hexanone	ND	10		µg/L	1	4/17/2007 8:03:02 AM	
Isopropylbenzene	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
4-Isopropyltoluene	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
4-Methyl-2-pentanone	ND	10		µg/L	1	4/17/2007 8:03:02 AM	
Methylene Chloride	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
n-Butylbenzene	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
n-Propylbenzene	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
sec-Butylbenzene	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
Styrene	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
tert-Butylbenzene	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/17/2007 8:03:02 AM	
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
trans-1,2-DCE	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
Trichlorofluoromethane	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/17/2007 8:03:02 AM	
Vinyl chloride	ND	1.0		µg/L	1	4/17/2007 8:03:02 AM	
Xylenes, Total	ND	1.5		µg/L	1	4/17/2007 8:03:02 AM	
Surr: 1,2-Dichloroethane-d4	103	76.6-113		%REC	1	4/17/2007 8:03:02 AM	
Surr: 4-Bromofluorobenzene	109	77-117		%REC	1	4/17/2007 8:03:02 AM	
Surr: Dibromofluoromethane	113	72.3-121		%REC	1	4/17/2007 8:03:02 AM	
Surr: Toluene-d8	106	73-113		%REC	1	4/17/2007 8:03:02 AM	

Qualifiers: \* Value exceeds Maximum Contaminant Level  
 E Value above quantitation range  
 J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit  
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 MCL Maximum Contaminant Level  
 RL Reporting Limit

# QA/QC SUMMARY REPORT

**Client:** Respec  
**Project:** General Petroleum Site Eunice, NM      **Work Order:** 0704206

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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**Method:** E300  
**Sample ID:** MBLK      **MBLK**  
Chloride      ND      mg/L      0.10      Batch ID: **R23241**      Analysis Date: 4/13/2007 10:46:19 AM  
**Sample ID:** MBLK      **MBLK**  
Chloride      ND      mg/L      0.10      Batch ID: **R23261**      Analysis Date: 4/17/2007 12:35:46 PM  
**Sample ID:** LCS ST300-07001      **LCS**  
Chloride      5.246      mg/L      0.10      105      90      110      Batch ID: **R23241**      Analysis Date: 4/13/2007 11:03:44 AM  
**Sample ID:** LCS ST300-07001      **LCS**  
Chloride      5.250      mg/L      0.10      105      90      110      Batch ID: **R23261**      Analysis Date: 4/17/2007 12:53:11 PM

**Qualifiers:**

- E Value above quantitation range
- J Analytic detected below quantitation limits
- R RPD outside accepted recovery limits

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

## QA/QC SUMMARY REPORT

**Client:** Respec  
**Project:** General Petroleum Site Eunice, NM

**Work Order:** 0704206

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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**Method:** SW8260B

Sample ID: 5mL rb		MBLK			Batch ID: R23240	Analysis Date: 4/16/2007 12:06:37 PM			
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromochloromethane	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						

**Qualifiers:**

- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

## QA/QC SUMMARY REPORT

Client: Respec  
 Project: General Petroleum Site Eunice, NM

Work Order: 0704206

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: SW8260B

Sample ID: 5mL rb		MBLK			Batch ID: R23240	Analysis Date: 4/16/2007 12:06:37 PM
4-Isopropyltoluene	ND	µg/L	1.0			
4-Methyl-2-pentanone	ND	µg/L	10			
Methylene Chloride	ND	µg/L	1.0			
n-Butylbenzene	ND	µg/L	1.0			
n-Propylbenzene	ND	µg/L	1.0			
sec-Butylbenzene	ND	µg/L	1.0			
Styrene	ND	µg/L	1.0			
tert-Butylbenzene	ND	µg/L	1.0			
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0			
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0			
Tetrachloroethene (PCE)	ND	µg/L	1.0			
trans-1,2-DCE	ND	µg/L	1.0			
trans-1,3-Dichloropropene	ND	µg/L	1.0			
1,2,3-Trichlorobenzene	ND	µg/L	1.0			
1,2,4-Trichlorobenzene	ND	µg/L	1.0			
1,1,1-Trichloroethane	ND	µg/L	1.0			
1,1,2-Trichloroethane	ND	µg/L	1.0			
Trichloroethene (TCE)	ND	µg/L	1.0			
Trichlorofluoromethane	ND	µg/L	1.0			
3-Trichloropropane	ND	µg/L	2.0			
Methyl chloride	ND	µg/L	1.0			
Xylenes, Total	ND	µg/L	1.5			

Sample ID: 5mL rb		MBLK			Batch ID: R23260	Analysis Date: 4/17/2007 9:46:50 AM
Benzene	ND	µg/L	1.0			
Toluene	ND	µg/L	1.0			
Ethylbenzene	ND	µg/L	1.0			
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0			
1,2,4-Trimethylbenzene	ND	µg/L	1.0			
1,3,5-Trimethylbenzene	ND	µg/L	1.0			
1,2-Dichloroethane (EDC)	ND	µg/L	1.0			
1,2-Dibromoethane (EDB)	ND	µg/L	1.0			
Naphthalene	ND	µg/L	2.0			
1-Methylnaphthalene	ND	µg/L	4.0			
2-Methylnaphthalene	ND	µg/L	4.0			
Acetone	ND	µg/L	10			
Bromobenzene	ND	µg/L	1.0			
Bromochloromethane	ND	µg/L	1.0			
Bromodichloromethane	ND	µg/L	1.0			
Bromoform	ND	µg/L	1.0			
Bromomethane	ND	µg/L	1.0			
2-Butanone	ND	µg/L	10			
Carbon disulfide	ND	µg/L	10			
Carbon Tetrachloride	ND	µg/L	1.0			
Chlorobenzene	ND	µg/L	1.0			

## Qualifiers:

- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

## QA/QC SUMMARY REPORT

**Client:** Respec  
**Project:** General Petroleum Site Eunice, NM

**Work Order:** 0704206

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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**Method:** SW8260B

Sample ID: 5mL rb		MBLK			Batch ID: R23260	Analysis Date: 4/17/2007 9:46:50 AM			
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,4-Dichloropropene	ND	µg/L	1.0						
1,1,1-Trichlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	1.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						

## Qualifiers:

- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

## QA/QC SUMMARY REPORT

Client: Respec  
 Project: General Petroleum Site Eunice, NM

Work Order: 0704206

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
<b>Method: SW8260B</b>									
Sample ID: 5mL rb		MBLK			Batch ID:	R23260	Analysis Date:	4/17/2007 9:46:50 AM	
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 100ng lcs		LCS			Batch ID:	R23240	Analysis Date:	4/16/2007 1:16:45 PM	
Benzene	21.84	µg/L	1.0	109	72.5	122			
Toluene	18.62	µg/L	1.0	93.1	73.3	112			
Chlorobenzene	19.03	µg/L	1.0	95.2	73.8	111			
1,1-Dichloroethene	23.40	µg/L	1.0	117	79.7	122			
Trichloroethene (TCE)	17.86	µg/L	1.0	89.3	69.5	114			
Sample ID: 100ng lcs		LCS			Batch ID:	R23260	Analysis Date:	4/17/2007 11:20:15 AM	
Benzene	22.45	µg/L	1.0	112	72.5	122			
Toluene	18.24	µg/L	1.0	91.2	73.3	112			
Chlorobenzene	19.37	µg/L	1.0	96.9	73.8	111			
1,1-Dichloroethene	21.14	µg/L	1.0	106	79.7	122			
Trichloroethene (TCE)	18.94	µg/L	1.0	94.7	69.5	114			

## Qualifiers:

- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

# Hall Environmental Analysis Laboratory, Inc.

## Sample Receipt Checklist

Client Name RESPEC

Date and Time Received:

4/13/2007

Work Order Number 0704206

Received by TLS

Checklist completed by

Signature

Date

4/13/07

Matrix

Carrier name Greyhound

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/> Not Shipped <input type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Water - VOA vials have zero headspace?	No VOA vials submitted <input type="checkbox"/>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Water - Preservation labels on bottle and cap match?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Container/Temp Blank temperature?	3°	4° C ± 2 Acceptable	If given sufficient time to cool.

COMMENTS:

Client contacted \_\_\_\_\_ Date contacted: \_\_\_\_\_ Person contacted \_\_\_\_\_

Contacted by: \_\_\_\_\_ Regarding: \_\_\_\_\_

Comments: \_\_\_\_\_

Corrective Action: \_\_\_\_\_

# CHAIN-OF-CUSTODY RECORD

Client: PESSPEC

ATTN: Terry R. Bentz

Address: 3971 Jefferson NE  
Suite 101

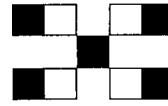
Albuquerque, NM

Phone #: 505-268-2661

Fax #: 505-268-0040

# HALL ENVIRONMENTAL ANALYSIS LABORATORY

4901 Hawkins NE, Suite D  
Albuquerque, New Mexico 87109  
Tel: 505.345.3975 Fax 505.345.4107  
www.hallenvironmental.com



Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative	HEAL No.
04/11/07	18:06	H <sub>2</sub> O	MW-1	3X 30 ml	HgCl <sub>2</sub>	-1
04/11/07	19:05	H <sub>2</sub> O	MW-2	10 ml	HNO <sub>3</sub>	-2
04/11/07	19:50	H <sub>2</sub> O	MW-3			-3
04/11/07	13:41	H <sub>2</sub> O	MW-4			-4
04/11/07	16:58	H <sub>2</sub> O	MW-5			-5
04/11/07	13:30	H <sub>2</sub> O	MW-6			-6
<u>TRP Blank</u>						
<u>2X 40 ml Water</u>						
<u>-7</u>						

ANALYSIS REQUEST		Air Bubbles or Headspace (Y or N)
CHLORIDE - 300		
8270 (Semi-VOA)		
8260 (VOA)		
8081 Pesticides / PCB's (8082)		
Amines (F, Cl, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )		
RCRA 8 Metals		
8310 (PNA or PAH)		
EDC (Method 8021)		
EDB (Method 504.1)		
TPH (Method 418.1)		
TPH Method 8015B (Gasoline Only)		
BTEx + MTBE + TPH (Gasoline Only)		
BTEx + MTBE + TMB's (8021)		
BTEx + MTBE + TMB's (8021)		
TPH Method 8015B (Gas/Diesel)		
EDB (Method 504.1)		
TPH (Method 418.1)		
RCRA 8 Metals		
8310 (PNA or PAH)		
EDC (Method 8021)		
BTEx + MTBE + TPH (Gasoline Only)		
BTEx + MTBE + TMB's (8021)		
BTEx + MTBE + TMB's (8021)		

Date: <u>04/11/07</u>	Time: <u>00:30</u>	Relinquished By: (Signature) <u>Jerry</u>	Received By: (Signature) <u>Jerry</u>
Date: <u>04/11/07</u>	Time: <u>00:30</u>	Relinquished By: (Signature) <u>Jerry</u>	Received By: (Signature) <u>Jerry</u>

Remarks: Analysis: 8260 VOC's  
300 Chloride - Any Questions  
Please Call Jerry Bentz



## COVER LETTER

Thursday, April 12, 2007

Dave Henard  
Respec  
5971 Jefferson NE Suite 101  
Albuquerque, NM 87109  
TEL: (505) 268-2661  
FAX (505) 268-0040

RE: General Petroleum

Order No.: 0703503

Dear Dave Henard:

Hall Environmental Analysis Laboratory, Inc. received 11 sample(s) on 3/30/2007 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman, Business Manager  
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425  
AZ license # AZ0682  
ORELAP Lab # NM100001



**Hall Environmental Analysis Laboratory, Inc.**

Date: 12-Apr-07

CLIENT: Respec  
Project: General Petroleum  
Lab Order: 0703503

**CASE NARRATIVE**

Analytical Comments for METHOD 8015DRO\_S, SAMPLE 0703503-01A: DNOP not recovered due to dilution

**Hall Environmental Analysis Laboratory, Inc.****Date: 12-Apr-07**

**CLIENT:** Respec  
**Lab Order:** 0703503  
**Project:** General Petroleum  
**Lab ID:** 0703503-01

**Client Sample ID:** MW-4 @ 18'  
**Collection Date:** 3/27/2007 10:50:00 AM  
**Date Received:** 3/30/2007  
**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	2600	200		mg/Kg	20	4/5/2007 2:23:12 AM
Motor Oil Range Organics (MRO)	1200	1000		mg/Kg	20	4/5/2007 2:23:12 AM
Surr: DNOP	0	61.7-135	S	%REC	20	4/5/2007 2:23:12 AM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	62	25		mg/Kg	5	4/6/2007 3:12:50 PM
Surr: BFB	155	84-138	S	%REC	5	4/6/2007 3:12:50 PM
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	2900	15		mg/Kg	50	4/10/2007 12:11:26 AM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
E Value above quantitation range  
J Analyte detected below quantitation limits  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
RL Reporting Limit

**Hall Environmental Analysis Laboratory, Inc.**

Date: 12-Apr-07

**CLIENT:** Respec  
**Lab Order:** 0703503  
**Project:** General Petroleum  
**Lab ID:** 0703503-02

**Client Sample ID:** MW-4 @ 38'  
**Collection Date:** 3/27/2007 11:33:00 AM  
**Date Received:** 3/30/2007  
**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>							
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/4/2007 2:22:11 PM	
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/4/2007 2:22:11 PM	
Surr: DNOP	92.3	61.7-135		%REC	1	4/4/2007 2:22:11 PM	
<b>EPA METHOD 8015B: GASOLINE RANGE</b>							
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/6/2007 3:42:54 PM	
Surr: BFB	110	84-138		%REC	1	4/6/2007 3:42:54 PM	
<b>EPA METHOD 9056A: ANIONS</b>							
Chloride	1400	6.0		mg/Kg	20	4/10/2007 12:46:15 AM	

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
E Value above quantitation range  
J Analyte detected below quantitation limits  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
RL Reporting Limit

**Hall Environmental Analysis Laboratory, Inc.**

Date: 12-Apr-07

**CLIENT:** Respec  
**Lab Order:** 0703503  
**Project:** General Petroleum  
**Lab ID:** 0703503-03

**Client Sample ID:** MW-4 @ 58'  
**Collection Date:** 3/27/2007 12:25:00 PM  
**Date Received:** 3/30/2007  
**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/4/2007 2:56:31 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/4/2007 2:56:31 PM
Surr: DNOP	89.9	61.7-135		%REC	1	4/4/2007 2:56:31 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/6/2007 4:12:54 PM
Surr: BFB	111	84-138		%REC	1	4/6/2007 4:12:54 PM
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	1300	6.0		mg/Kg	20	4/10/2007 1:21:05 AM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
E Value above quantitation range  
J Analyte detected below quantitation limits  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
RL Reporting Limit

**Hall Environmental Analysis Laboratory, Inc.**

Date: 12-Apr-07

**CLIENT:** Respec  
**Lab Order:** 0703503  
**Project:** General Petroleum  
**Lab ID:** 0703503-04

**Client Sample ID:** MW-4 @ 78'  
**Collection Date:** 3/27/2007 2:15:00 PM  
**Date Received:** 3/30/2007  
**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/4/2007 3:30:53 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/4/2007 3:30:53 PM
Surr: DNOP	88.9	61.7-135		%REC	1	4/4/2007 3:30:53 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/5/2007 10:40:39 AM
Surr: BFB	109	84-138		%REC	1	4/5/2007 10:40:39 AM
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	1300	6.0		mg/Kg	20	4/10/2007 2:30:42 AM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
E Value above quantitation range  
J Analyte detected below quantitation limits  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
RL Reporting Limit

**Hall Environmental Analysis Laboratory, Inc.**

Date: 12-Apr-07

**CLIENT:** Respec  
**Lab Order:** 0703503  
**Project:** General Petroleum  
**Lab ID:** 0703503-05

**Client Sample ID:** MW-4 @ 88'  
**Collection Date:** 3/27/2007 2:40:00 PM  
**Date Received:** 3/30/2007  
**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/4/2007 4:05:15 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/4/2007 4:05:15 PM
Surr: DNOP	89.7	61.7-135		%REC	1	4/4/2007 4:05:15 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/5/2007 11:10:42 AM
Surr: BFB	109	84-138		%REC	1	4/5/2007 11:10:42 AM
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	32	0.30		mg/Kg	1	4/6/2007 8:43:42 PM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
E Value above quantitation range  
J Analyte detected below quantitation limits  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
RL Reporting Limit

# Hall Environmental Analysis Laboratory, Inc.

Date: 12-Apr-07

CLIENT: Respec  
Lab Order: 0703503  
Project: General Petroleum  
Lab ID: 0703503-06

Client Sample ID: MW-5 @ 38'  
Collection Date: 3/28/2007 10:45:00 AM  
Date Received: 3/30/2007  
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/4/2007 4:39:42 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/4/2007 4:39:42 PM
Surr: DNOP	93.1	61.7-135		%REC	1	4/4/2007 4:39:42 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/5/2007 11:40:43 AM
Surr: BFB	109	84-138		%REC	1	4/5/2007 11:40:43 AM
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	34	0.30		mg/Kg	1	4/6/2007 9:01:07 PM

Qualifiers: \* Value exceeds Maximum Contaminant Level  
E Value above quantitation range  
J Analyte detected below quantitation limits  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
RL Reporting Limit

# Hall Environmental Analysis Laboratory, Inc.

Date: 12-Apr-07

CLIENT: Respec  
Lab Order: 0703503  
Project: General Petroleum  
Lab ID: 0703503-07

Client Sample ID: MW-5 @ 48'  
Collection Date: 3/28/2007 11:10:00 AM  
Date Received: 3/30/2007  
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>							
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/4/2007 5:14:05 PM	
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/4/2007 5:14:05 PM	
Surr: DNOP	92.7	61.7-135		%REC	1	4/4/2007 5:14:05 PM	
<b>EPA METHOD 8015B: GASOLINE RANGE</b>							
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/5/2007 1:11:10 PM	Analyst: NSB
Surr: BFB	108	84-138		%REC	1	4/5/2007 1:11:10 PM	
<b>EPA METHOD 9056A: ANIONS</b>							
Chloride	17	0.30		mg/Kg	1	4/6/2007 9:18:32 PM	Analyst: TES

Qualifiers: \* Value exceeds Maximum Contaminant Level  
E Value above quantitation range  
J Analyte detected below quantitation limits  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
RL Reporting Limit

# Hall Environmental Analysis Laboratory, Inc.

Date: 12-Apr-07

CLIENT: Respec  
Lab Order: 0703503  
Project: General Petroleum  
Lab ID: 0703503-08

Client Sample ID: MW-5 @ 58'  
Collection Date: 3/28/2007 11:40:00 AM  
Date Received: 3/30/2007  
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/4/2007 5:48:31 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/4/2007 5:48:31 PM
Surr: DNOP	91.7	61.7-135		%REC	1	4/4/2007 5:48:31 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/5/2007 1:41:16 PM
Surr: BFB	110	84-138		%REC	1	4/5/2007 1:41:16 PM
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	2.3	0.30		mg/Kg	1	4/6/2007 9:35:56 PM

Qualifiers: \* Value exceeds Maximum Contaminant Level  
E Value above quantitation range  
J Analyte detected below quantitation limits  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
RL Reporting Limit

**Hall Environmental Analysis Laboratory, Inc.**

Date: 12-Apr-07

**CLIENT:** Respec  
**Lab Order:** 0703503  
**Project:** General Petroleum  
**Lab ID:** 0703503-09

**Client Sample ID:** MW-5 @ 68'  
**Collection Date:** 3/28/2007 4:50:00 PM  
**Date Received:** 3/30/2007  
**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/4/2007 6:22:52 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/4/2007 6:22:52 PM
Surr: DNOP	93.7	61.7-135		%REC	1	4/4/2007 6:22:52 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/5/2007 2:11:26 PM
Surr: BFB	109	84-138		%REC	1	4/5/2007 2:11:26 PM
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	0.85	0.30		mg/Kg	1	4/6/2007 9:53:21 PM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
E Value above quantitation range  
J Analyte detected below quantitation limits  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
RL Reporting Limit

**Hall Environmental Analysis Laboratory, Inc.**

Date: 12-Apr-07

**CLIENT:** Respec  
**Lab Order:** 0703503  
**Project:** General Petroleum  
**Lab ID:** 0703503-10

**Client Sample ID:** MW-5 @ 78'  
**Collection Date:** 3/28/2007 5:10:00 PM  
**Date Received:** 3/30/2007  
**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/4/2007 6:57:17 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/4/2007 6:57:17 PM
Surr: DNOP	92.7	61.7-135		%REC	1	4/4/2007 6:57:17 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/5/2007 2:41:37 PM
Surr: BFB	108	84-138		%REC	1	4/5/2007 2:41:37 PM
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	1.4	0.30		mg/Kg	1	4/6/2007 10:10:45 PM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
E Value above quantitation range  
J Analyte detected below quantitation limits  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
RL Reporting Limit

# Hall Environmental Analysis Laboratory, Inc.

Date: 12-Apr-07

CLIENT: Respec  
Lab Order: 0703503  
Project: General Petroleum  
Lab ID: 0703503-11

Client Sample ID: MW-5 @ 88'  
Collection Date: 3/28/2007 5:40:00 PM  
Date Received: 3/30/2007  
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>							
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/4/2007 8:06:24 PM	
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/4/2007 8:06:24 PM	
Surr: DNOP	93.2	61.7-135		%REC	1	4/4/2007 8:06:24 PM	
<b>EPA METHOD 8015B: GASOLINE RANGE</b>							
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/5/2007 3:41:45 PM	
Surr: BFB	108	84-138		%REC	1	4/5/2007 3:41:45 PM	
<b>EPA METHOD 9056A: ANIONS</b>							
Chloride	18	0.30		mg/Kg	1	4/6/2007 10:28:10 PM	

Qualifiers: \* Value exceeds Maximum Contaminant Level  
E Value above quantitation range  
J Analyte detected below quantitation limits  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
RL Reporting Limit

## QA/QC SUMMARY REPORT

**Client:** Respec  
**Project:** General Petroleum **Work Order:** 0703503

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
<b>Method: SW9056A</b>									
Sample ID: MB-12659		MBLK					Batch ID: 12659	Analysis Date:	4/4/2007 7:46:14 PM
Chloride	ND	mg/Kg	0.30						
Sample ID: LCS-12659		LCS					Batch ID: 12659	Analysis Date:	4/4/2007 8:03:39 PM
Chloride	16.08	mg/Kg	0.30	107	90	110			
<b>Method: SW8015</b>									
Sample ID: MB-12630		MBLK					Batch ID: 12630	Analysis Date:	4/4/2007 8:40:08 AM
Diesel Range Organics (DRO)	ND	mg/Kg	10						
Motor Oil Range Organics (MRO)	ND	mg/Kg	50						
Sample ID: LCS-12630		LCS					Batch ID: 12630	Analysis Date:	4/4/2007 9:14:14 AM
Diesel Range Organics (DRO)	43.15	mg/Kg	10	86.3	64.6	116			
Sample ID: LCSD-12630		LCSD					Batch ID: 12630	Analysis Date:	4/4/2007 9:48:22 AM
Diesel Range Organics (DRO)	43.12	mg/Kg	10	86.2	64.6	116	0.0788	17.4	
<b>Method: SW8015</b>									
Sample ID: 0703503-06A MSD		MSD					Batch ID: 12646	Analysis Date:	4/5/2007 12:40:58 PM
Gasoline Range Organics (GRO)	23.80	mg/Kg	5.0	83.6	69.5	120	1.34	11.6	
Sample ID: MB-12646		MBLK					Batch ID: 12646	Analysis Date:	4/5/2007 8:07:36 AM
Gasoline Range Organics (GRO)	ND	mg/Kg	5.0						
Sample ID: LCS-12646		LCS					Batch ID: 12646	Analysis Date:	4/5/2007 8:37:42 AM
Gasoline Range Organics (GRO)	24.28	mg/Kg	5.0	97.1	69.5	120			
Sample ID: 0703503-06A MS		MS					Batch ID: 12646	Analysis Date:	4/5/2007 12:10:42 PM
Gasoline Range Organics (GRO)	24.12	mg/Kg	5.0	84.9	69.5	120			

**Qualifiers:**

E Value above quantitation range  
J Analyte detected below quantitation limits  
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

# Hall Environmental Analysis Laboratory, Inc.

## Sample Receipt Checklist

Client Name RESPEC

Date and Time Received:

3/30/2007

Work Order Number 0703503

Received by TLS

Checklist completed by



Signature

March 30, 07

Date

Matrix

Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/> Not Shipped <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Water - VOA vials have zero headspace?	No VOA vials submitted <input checked="" type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Water - Preservation labels on bottle and cap match?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Container/Temp Blank temperature?	3°	4° C ± 2 Acceptable	If given sufficient time to cool.

COMMENTS:

Client contacted \_\_\_\_\_ Date contacted: \_\_\_\_\_ Person contacted \_\_\_\_\_

Contacted by: \_\_\_\_\_ Regarding: \_\_\_\_\_

Comments: \_\_\_\_\_

Corrective Action \_\_\_\_\_





## COVER LETTER

December 23, 2005

Dave Henard  
Respec  
4775 Indian School Rd., NE Suite 300  
Albuquerque, NM 87110  
TEL: (505) 268-2661  
FAX (505) 268-0040

RE: Eunice General Petroleum

Order No.: 0512135

Dear Dave Henard:

Hall Environmental Analysis Laboratory received 8 samples on 12/9/2005 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman, Business Manager  
Nancy McDuffie, Laboratory Manager



# Hall Environmental Analysis Laboratory

Date: 23-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0512135  
**Project:** Eunice General Petroleum  
**Lab ID:** 0512135-01

**Client Sample ID:** Pit 1 Bottom 16'  
**Collection Date:** 12/6/2005 2:00:00 PM  
**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	220	1.5		mg/kg	5	12/21/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/14/2005 10:13:22 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/14/2005 10:13:22 AM
Surr: DNOP	90.6	60-124		%REC	1	12/14/2005 10:13:22 AM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/19/2005 11:51:05 AM
Surr: BFB	112	83.1-124		%REC	1	12/19/2005 11:51:05 AM
<b>EPA METHOD 8021B: VOLATILES</b>						
Benzene	ND	0.025		mg/Kg	1	12/19/2005 11:51:05 AM
Toluene	ND	0.025		mg/Kg	1	12/19/2005 11:51:05 AM
Ethylbenzene	ND	0.025		mg/Kg	1	12/19/2005 11:51:05 AM
Xylenes, Total	ND	0.025		mg/Kg	1	12/19/2005 11:51:05 AM
Surr: 4-Bromofluorobenzene	104	87.5-115		%REC	1	12/19/2005 11:51:05 AM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 23-Dec-05

CLIENT: Respec  
Lab Order: 0512135  
Project: Eunice General Petroleum  
Lab ID: 0512135-02

Client Sample ID: SP #1 @ 2'  
Collection Date: 12/9/2005 9:00:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	47	0.30		mg/kg	1	Analyst: MAP 12/20/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	730	50		mg/Kg	5	Analyst: SCC 12/14/2005 5:52:46 PM
Motor Oil Range Organics (MRO)	620	250		mg/Kg	5	12/14/2005 5:52:46 PM
Surr: DNOP	120	60-124		%REC	5	12/14/2005 5:52:46 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	100		mg/Kg	20	Analyst: NSB 12/19/2005 1:22:33 PM
Surr: BFB	107	83.1-124		%REC	20	12/19/2005 1:22:33 PM
<b>EPA METHOD 8021B: VOLATILES</b>						
Benzene	ND	0.50		mg/Kg	20	Analyst: NSB 12/19/2005 1:22:33 PM
Toluene	ND	0.50		mg/Kg	20	12/19/2005 1:22:33 PM
Ethylbenzene	ND	0.50		mg/Kg	20	12/19/2005 1:22:33 PM
Xylenes, Total	ND	0.50		mg/Kg	20	12/19/2005 1:22:33 PM
Surr: 4-Bromofluorobenzene	103	87.5-115		%REC	20	12/19/2005 1:22:33 PM

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 23-Dec-05

CLIENT: Respec  
 Lab Order: 0512135  
 Project: Eunice General Petroleum  
 Lab ID: 0512135-03

Client Sample ID: SP #2 @ 2'  
 Collection Date: 12/9/2005 9:00:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	9.3	0.30		mg/kg	1	12/20/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/14/2005 11:20:07 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/14/2005 11:20:07 AM
Surr: DNOP	81.0	60-124		%REC	1	12/14/2005 11:20:07 AM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/19/2005 1:53:19 PM
Surr: BFB	107	83.1-124		%REC	1	12/19/2005 1:53:19 PM
<b>EPA METHOD 8021B: VOLATILES</b>						
Benzene	ND	0.025		mg/Kg	1	12/19/2005 1:53:19 PM
Toluene	ND	0.025		mg/Kg	1	12/19/2005 1:53:19 PM
Ethylbenzene	ND	0.025		mg/Kg	1	12/19/2005 1:53:19 PM
Xylenes, Total	ND	0.025		mg/Kg	1	12/19/2005 1:53:19 PM
Surr: 4-Bromofluorobenzene	103	87.5-115		%REC	1	12/19/2005 1:53:19 PM

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 23-Dec-05

CLIENT: Respec  
Lab Order: 0512135  
Project: Eunice General Petroleum  
Lab ID: 0512135-04

Client Sample ID: SP #3 @ 5'  
Collection Date: 12/9/2005 9:00:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	5.4	0.30		mg/kg	1	12/20/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/14/2005 11:53:29 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/14/2005 11:53:29 AM
Surr: DNOP	117	60-124		%REC	1	12/14/2005 11:53:29 AM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/19/2005 5:26:48 PM
Surr: BFB	111	83.1-124		%REC	1	12/19/2005 5:26:48 PM
<b>EPA METHOD 8021B: VOLATILES</b>						
Benzene	ND	0.025		mg/Kg	1	12/19/2005 5:26:48 PM
Toluene	ND	0.025		mg/Kg	1	12/19/2005 5:26:48 PM
Ethylbenzene	ND	0.025		mg/Kg	1	12/19/2005 5:26:48 PM
Xylenes, Total	ND	0.025		mg/Kg	1	12/19/2005 5:26:48 PM
Surr: 4-Bromofluorobenzene	106	87.5-115		%REC	1	12/19/2005 5:26:48 PM

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 23-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0512135  
**Project:** Eunice General Petroleum  
**Lab ID:** 0512135-05

**Client Sample ID:** SP #4 @ 6'  
**Collection Date:** 12/9/2005 9:00:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	97	0.30		mg/kg	1	12/20/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/14/2005 12:24:47 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/14/2005 12:24:47 PM
Surr: DNOP	69.6	60-124		%REC	1	12/14/2005 12:24:47 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/19/2005 5:57:28 PM
Surr: BFB	112	83.1-124		%REC	1	12/19/2005 5:57:28 PM
<b>EPA METHOD 8021B: VOLATILES</b>						
Benzene	ND	0.025		mg/Kg	1	12/19/2005 5:57:28 PM
Toluene	ND	0.025		mg/Kg	1	12/19/2005 5:57:28 PM
Ethylbenzene	ND	0.025		mg/Kg	1	12/19/2005 5:57:28 PM
Xylenes, Total	ND	0.025		mg/Kg	1	12/19/2005 5:57:28 PM
Surr: 4-Bromofluorobenzene	108	87.5-115		%REC	1	12/19/2005 5:57:28 PM

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 23-Dec-05

CLIENT: Respec  
Lab Order: 0512135  
Project: Eunice General Petroleum  
Lab ID: 0512135-06

Client Sample ID: SP #5 @ 5'  
Collection Date: 12/9/2005 9:00:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	200	1.5		mg/kg	5	12/20/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	20	10		mg/Kg	1	12/14/2005 12:55:57 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/14/2005 12:55:57 PM
Surr: DNOP	84.1	60-124		%REC	1	12/14/2005 12:55:57 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/19/2005 3:24:17 PM
Surr: BFB	114	83.1-124		%REC	1	12/19/2005 3:24:17 PM
<b>EPA METHOD 8021B: VOLATILES</b>						
Benzene	ND	0.025		mg/Kg	1	12/19/2005 3:24:17 PM
Toluene	ND	0.025		mg/Kg	1	12/19/2005 3:24:17 PM
Ethylbenzene	ND	0.025		mg/Kg	1	12/19/2005 3:24:17 PM
Xylenes, Total	ND	0.025		mg/Kg	1	12/19/2005 3:24:17 PM
Surr: 4-Bromofluorobenzene	108	87.5-115		%REC	1	12/19/2005 3:24:17 PM

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# Hall Environmental Analysis Laboratory

Date: 23-Dec-05

CLIENT: Respec  
Lab Order: 0512135  
Project: Eunice General Petroleum  
Lab ID: 0512135-07

Client Sample ID: SP #6 @ 7'

Collection Date: 12/9/2005 9:00:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	
<b>EPA METHOD 9056A: ANIONS</b>							
Chloride	120	1.5		mg/kg	5	12/21/2005	Analyst: MAP
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>							
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/14/2005 2:01:33 PM	Analyst: SCC
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/14/2005 2:01:33 PM	
Sur: DNOP	91.7	60-124		%REC	1	12/14/2005 2:01:33 PM	
<b>EPA METHOD 8015B: GASOLINE RANGE</b>							
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/19/2005 3:54:47 PM	Analyst: NSB
Sur: BFB	108	83.1-124		%REC	1	12/19/2005 3:54:47 PM	
<b>EPA METHOD 8021B: VOLATILES</b>							
Benzene	ND	0.025		mg/Kg	1	12/19/2005 3:54:47 PM	Analyst: NSB
Toluene	ND	0.025		mg/Kg	1	12/19/2005 3:54:47 PM	
Ethylbenzene	ND	0.025		mg/Kg	1	12/19/2005 3:54:47 PM	
Xylenes, Total	ND	0.025		mg/Kg	1	12/19/2005 3:54:47 PM	
Sur: 4-Bromofluorobenzene	107	87.5-115		%REC	1	12/19/2005 3:54:47 PM	

Qualifiers:

ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 23-Dec-05

CLIENT: Respec  
Lab Order: 0512135  
Project: Eunice General Petroleum  
Lab ID: 0512135-08

Client Sample ID: SP #7 @ 7'  
Collection Date: 12/9/2005 9:00:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	170	1.5		mg/kg	5	12/21/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/14/2005 2:34:24 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/14/2005 2:34:24 PM
Surr: DNOP	85.6	60-124		%REC	1	12/14/2005 2:34:24 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/19/2005 4:25:30 PM
Surr: BFB	108	83.1-124		%REC	1	12/19/2005 4:25:30 PM
<b>EPA METHOD 8021B: VOLATILES</b>						
Benzene	ND	0.025		mg/Kg	1	12/19/2005 4:25:30 PM
Toluene	ND	0.025		mg/Kg	1	12/19/2005 4:25:30 PM
Ethylbenzene	ND	0.025		mg/Kg	1	12/19/2005 4:25:30 PM
Xylenes, Total	ND	0.025		mg/Kg	1	12/19/2005 4:25:30 PM
Surr: 4-Bromofluorobenzene	106	87.5-115		%REC	1	12/19/2005 4:25:30 PM

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

## Hall Environmental Analysis Laboratory

Date: 23-Dec-05

**CLIENT:** Respec  
**Work Order:** 0512135  
**Project:** Eunice General Petroleum

## QC SUMMARY REPORT

Method Blank

Sample ID:	Batch ID:	Test Code:	Units:	mg/L	Analysis Date:	12/20/2005	Prep Date:	12/20/2005
Client ID:		Run ID:	LC_	051220A	SeqNo:	434363	%RPD	RPDLimit
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val
Chloride	ND	0.3						
Sample ID:	Batch ID:	Test Code:	Units:	mg/Kg	Analysis Date:	12/13/2005 8:30:29 PM	Prep Date:	12/12/2005
Client ID:		Run ID:	FID(17A) 2_051213A		SeqNo:	431683	%RPD	RPDLimit
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val
Diesel Range Organics (DRO)	ND	10						
Motor Oil Range Organics (MRO)	ND	50						
Surr: DNOP	9.954	0	10	0	99.5	60	124	0
Sample ID:	Batch ID:	Test Code:	Units:	mg/Kg	Analysis Date:	12/19/2005 10:03:42 A	Prep Date:	12/12/2005
Client ID:		Run ID:	PIDFID_051219A		SeqNo:	433377	%RPD	RPDLimit
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val
Gasoline Range Organics (GRO)	ND	5						
Surr: BFB	1070	0	1000	0	107	83.1	124	0
Sample ID:	Batch ID:	Test Code:	Units:	mg/Kg	Analysis Date:	12/19/2005 10:03:42 A	Prep Date:	12/12/2005
Client ID:		Run ID:	PIDFID_051219A		SeqNo:	4333720	%RPD	RPDLimit
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val
Benzene	ND	0.025						
Toluene	ND	0.025						
Ethylbenzene	ND	0.025						
Xylenes, Total	ND	0.025						
Surr: 4-Bromofluorobenzene	0.9973	0	1	0	99.7	87.5	115	0

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
I

# Hall Environmental Analysis Laboratory

Date: 23-Dec-05

## QC SUMMARY REPORT

Sample Matrix Spike

CLIENT: Respec  
Work Order: 0512135  
Project: Unice General Petroleum

Sample ID:	Batch ID:	Test Code:	Units:	Analysis Date: 12/19/2005 12:21:36 P			Prep Date:
Client ID:		Run ID:	mg/Kg	SeqNo:	433791		12/12/2005
Analyte	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val
Gasoline Range Organics (GRO)	27.29	5	25	0	109	84	120
Surr: BFB	1176	0	1000	0	118	83.1	124
Sample ID:	Batch ID:	Test Code:	Units:	Analysis Date: 12/19/2005 12:52:02 P			Prep Date:
Client ID:		Run ID:	mg/Kg	SeqNo:	433794		12/12/2005
Analyte	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val
Gasoline Range Organics (GRO)	28.21	5	25	0	113	84	120
Surr: BFB	1155	0	1000	0	116	83.1	124
Sample ID:	Batch ID:	Test Code:	Units:	Analysis Date: 12/19/2005 12:21:36 P			Prep Date:
Client ID:		Run ID:	mg/Kg	SeqNo:	433775		12/12/2005
Analyte	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val
Benzene	0.3959	0.025	0.42	0	94.3	85.6	116
Toluene	2.021	0.025	1.9	0	106	82.4	120
Ethylbenzene	0.4037	0.025	0.41	0	98.5	86.4	111
Xylenes, Total	2.056	0.025	1.9	0	108	78.4	125
Surr: 4-Bromofluorobenzene	1.138	0	1	0	114	87.5	115

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Qualifiers:  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
I

**QC SUMMARY REPORT**

Sample Matrix Spike Duplicate

CLIENT: Respec  
 Work Order: 0512135  
 Project: Unice General Petroleum

Sample ID:	0512135-01a msd	Batch ID:	9378	Test Code:	SW8021	Units:	mg/Kg	Analysis Date:	12/19/2005	12:52:02 P	Prep Date:	12/19/2005
Client ID:	Pit 1 Bottom 16'			Run ID:	PIDFID_051219A			SeqNo:	433776			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC		LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Benzene		0.3924	0.025	0.42	0	93.4		85.6	116	0.3959	0.890	27
Toluene		1.975	0.025	1.9	0	104		82.4	120	2.021	2.29	19
Ethylbenzene		0.4058	0.025	0.42	0	96.6		86.4	111	0.4037	0.516	10
Xylenes, Total		2.045	0.025	1.9	0	108		78.4	125	2.056	0.528	13
Surf: 4-Bromofluorobenzene		1.122	0	1	0	112		87.5	115	1.138	1.40	0

Qualifiers:  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
 J - Analyte detected in the associated Method Blank

Hall Environmental Analysis Laboratory

Date: 23-Dec-05

**QC SUMMARY REPORT**  
Laboratory Control Spike - generic

CLIENT: Respec  
Work Order: 0512135  
Project: Eunice General Petroleum

Sample ID:	Batch ID:	Test ID:	Test Code:	Units:	mg/L		Analysis Date:	12/20/2005		Prep Date:	12/20/2005
Client ID:			Run ID:	LC_051220A			SeqNo:	434364			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride	14.5	0.3	15	0	96.7	90	110	0			
Sample ID:	Batch ID:	Test ID:	Test Code:	Units:	mg/Kg		Analysis Date:	12/13/2005 9:03:37 PM		Prep Date:	12/12/2005
Client ID:			Run ID:	FID(17A) 2_051213A			SeqNo:	431684			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Diesel Range Organics (DRO)	48.7	10	50	0	97.4	67.4	117	0			
Sample ID:	Batch ID:	Test ID:	Test Code:	Units:	mg/Kg		Analysis Date:	12/13/2005 9:36:38 PM		Prep Date:	12/12/2005
Client ID:			Run ID:	FID(17A) 2_051213A			SeqNo:	431685			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Diesel Range Organics (DRO)	51.67	10	50	0	103	67.4	117	48.7		5.91	17.4
Sample ID:	Batch ID:	Test ID:	Test Code:	Units:	mg/Kg		Analysis Date:	12/19/2005 10:34:09 A		Prep Date:	12/12/2005
Client ID:			Run ID:	PID/FID_051219A			SeqNo:	433778			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Gasoline Range Organics (GRO)	28.81	5	25	0	115	84	120	0			

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
/

**QC SUMMARY REPORT**  
Laboratory Control Spike - generic

CLIENT:	Respec
Work Order:	0512135
Project:	Eunice General Petroleum

Sample ID: Ics-9378	Batch ID: 9378	Test Code: SW8021	Units: mg/Kg	Analysis Date: 12/19/2005 10:34:09 A	Prep Date: 12/12/2005					
Client ID:		Run ID: PIDFID_051219A		SeqNo: 433723						
Analyte	Result	PQL	SPK value	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	0.4138	0.025	0.42	0	98.5	85.6	116	0	0	
Toluene	2.07	0.025	1.9	0	109	82.4	120	0	0	
Ethylbenzene	0.3882	0.025	0.41	0	94.7	86.4	111	0	0	
Xylenes, Total	2.06	0.025	1.9	0	108	78.4	125	0	0	

Qualifiers:  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits  
B - Analyte detected in the associated Method Blank

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# Hall Environmental Analysis Laboratory

## Sample Receipt Checklist

Client Name RESPEC

Date and Time Received:

12/9/2005

Work Order Number 0512135

Received by AMF

Checklist completed by



Signature

12/9/05  
Date

Matrix

Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/> Not Shipped <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Water - VOA vials have zero headspace?	No VOA vials submitted <input checked="" type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Container/Temp Blank temperature?	4°	4° C ± 2 Acceptable If given sufficient time to cool.	

COMMENTS:

Client contacted

Date contacted:

Person contacted

Contacted by:

Regarding

Comments:

Corrective Action

## CHAIN-OF-CUSTODY RECORD

Client: RESPEC Project Name: Fence Gen. Det.

Other:

QA/QC Package  
Std  Level 4

Address: 4725 Indian School NE  
Suite 300  
ABQ, NM 87110

Project #:

1552

Project Manager:

Henard

Phone #: 505-268-2661

Sample:

Soil

Time:

2:00 PM

Matrix:

SP# 1@2'

Sample I.D. No.:

SP# 1@2'

Date:

12/6/5

Number/Volume

14 oz

Preservative:

HgCl<sub>2</sub>

HNO<sub>3</sub>

Fax #: 505-268-0040

Sample Temperature:

30 °F

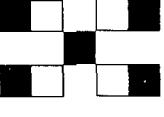
Sample ID No.:

40C

Sam Ashurst ex-  
West 1st Right After Hwy  
A After Terreno

ANALYSIS LABORATORY

4901 Hawkins NE, Suite D  
Albuquerque, New Mexico 87109  
Tel: 505.345.3975 Fax 505.345.4107  
www.hallenvironmental.com



## ANALYSIS REQUEST

Air Bubbles or Headspace (Y or N)

8270 (Semi-VOA)  
8260B (VOA)  
8081 Pesticides / PCB's (8082)  
Anions (F, Cl, NO<sub>3</sub>, NO<sub>2</sub>, PO<sub>4</sub>, SO<sub>4</sub>)  
RCRA 8 Metals

EDC (Method 8021)  
TPH (Method 418.1)  
TPH Method 8015B (Gas/Diesel + MRO)  
BTEx + MTBE + TMB's (8021)

8310 (PNA or PAH)  
EDB (Method 504.1)  
TPH (Method 418.1)  
BTEx + MTBE + TMB's (8021)

8260B (VOA)  
8270 (Semi-VOA)

RCRA 8 Metals

EDC (Method 8021)

TPH (Method 418.1)

EDB (Method 504.1)

TPH (Method 418.1)

EDC (Method 8021)

TPH (Method 418.1)

EDB (Method 504.1)

Remarks:

Received By: (Signature) David Date: 12/9/05

Received By: (Signature) CJ Date: 12/9/05

Relinquished By: (Signature) CJ Date: 12/9/05

Relinquished By: (Signature) CJ Date: 12/9/05

Collected on 12/9/05 at 900 AM

AT 12/12/05



## COVER LETTER

December 23, 2005

Dave Henard  
Respec  
4775 Indian School Rd., NE Suite 300  
Albuquerque, NM 87110  
TEL: (505) 268-2661  
FAX (505) 268-0040

RE: Eunice General Petroleum

Order No.: 0511272

Dear Dave Henard:

Hall Environmental Analysis Laboratory received 4 samples on 11/29/2005 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman, Business Manager  
Nancy McDuffie, Laboratory Manager



# Hall Environmental Analysis Laboratory

Date: 23-Dec-05

CLIENT: Respec  
Project: Eunice General Petroleum  
Lab Order: 0511272

## CASE NARRATIVE

Analytical Comments for METHOD 8015DRO\_S, SAMPLE 0511272-04A: DNOP not recovered due to dilution Analytical Comments for METHOD 8015GRO\_S, SAMPLE 0511272-04a: Elevated surrogate due to matrix interference.

# Hall Environmental Analysis Laboratory

Date: 23-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511272  
**Project:** Eunice General Petroleum  
**Lab ID:** 0511272-01

**Client Sample ID:** Rim East  
**Collection Date:** 11/23/2005 9:00:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	120	1.5		mg/kg	5	12/13/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/1/2005 10:33:13 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/1/2005 10:33:13 AM
Surr: DNOP	86.9	60-124		%REC	1	12/1/2005 10:33:13 AM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/5/2005 2:28:08 PM
Surr: BFB	98.6	83.1-124		%REC	1	12/5/2005 2:28:08 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/30/2005
Toluene	ND	0.050		mg/Kg	1	11/30/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/30/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/30/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/30/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/30/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/30/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/30/2005
Naphthalene	ND	0.10		mg/Kg	1	11/30/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/30/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/30/2005
Acetone	ND	0.75		mg/Kg	1	11/30/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/30/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/30/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/30/2005
Bromoform	ND	0.050		mg/Kg	1	11/30/2005
Bromomethane	ND	0.10		mg/Kg	1	11/30/2005
2-Butanone	ND	0.50		mg/Kg	1	11/30/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/30/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/30/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/30/2005
Chloroethane	ND	0.10		mg/Kg	1	11/30/2005
Chloroform	ND	0.050		mg/Kg	1	11/30/2005
Chloromethane	ND	0.050		mg/Kg	1	11/30/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/30/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/30/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/30/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/30/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/30/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/30/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 23-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511272  
**Project:** Eunice General Petroleum  
**Lab ID:** 0511272-01

**Client Sample ID:** Rim East  
**Collection Date:** 11/23/2005 9:00:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/30/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/30/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/30/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/30/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/30/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/30/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/30/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/30/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/30/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/30/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/30/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/30/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/30/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/30/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/30/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/30/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/30/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/30/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/30/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/30/2005
Styrene	ND	0.050		mg/Kg	1	11/30/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/30/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/30/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/30/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/30/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/30/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/30/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/30/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/30/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/30/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/30/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/30/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/30/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/30/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/30/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/30/2005
Surr: 1,2-Dichloroethane-d4	106	74.2-135		%REC	1	11/30/2005
Surr: 4-Bromofluorobenzene	106	72.9-143		%REC	1	11/30/2005
Surr: Dibromofluoromethane	111	76.9-138		%REC	1	11/30/2005
Surr: Toluene-d8	95.4	70-126		%REC	1	11/30/2005

## EPA METHOD 8270C: SEMIVOLATILES

Analyst: BL

Acenaphthene ND 0.20 mg/Kg 1 12/8/2005

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 23-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511272  
**Project:** Eunice General Petroleum  
**Lab ID:** 0511272-01

**Client Sample ID:** Rim East  
**Collection Date:** 11/23/2005 9:00:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Acenaphthylene	ND	0.20		mg/Kg	1	12/8/2005
Aniline	ND	0.20		mg/Kg	1	12/8/2005
Anthracene	ND	0.20		mg/Kg	1	12/8/2005
Azobenzene	ND	0.20		mg/Kg	1	12/8/2005
Benz(a)anthracene	ND	0.25		mg/Kg	1	12/8/2005
Benzo(a)pyrene	ND	0.20		mg/Kg	1	12/8/2005
Benzo(b)fluoranthene	ND	0.20		mg/Kg	1	12/8/2005
Benzo(g,h,i)perylene	ND	0.30		mg/Kg	1	12/8/2005
Benzo(k)fluoranthene	ND	0.50		mg/Kg	1	12/8/2005
Benzoic acid	ND	0.50		mg/Kg	1	12/8/2005
Benzyl alcohol	ND	1.0		mg/Kg	1	12/8/2005
Bis(2-chloroethoxy)methane	ND	0.50		mg/Kg	1	12/8/2005
Bis(2-chloroethyl)ether	ND	0.25		mg/Kg	1	12/8/2005
Bis(2-chloroisopropyl)ether	ND	0.50		mg/Kg	1	12/8/2005
Bis(2-ethylhexyl)phthalate	ND	0.20		mg/Kg	1	12/8/2005
4-Bromophenyl phenyl ether	ND	0.25		mg/Kg	1	12/8/2005
Butyl benzyl phthalate	ND	0.20		mg/Kg	1	12/8/2005
Carbazole	ND	0.20		mg/Kg	1	12/8/2005
4-Chloro-3-methylphenol	ND	0.20		mg/Kg	1	12/8/2005
4-Chloroaniline	ND	0.20		mg/Kg	1	12/8/2005
2-Chloronaphthalene	ND	0.20		mg/Kg	1	12/8/2005
2-Chlorophenol	ND	0.20		mg/Kg	1	12/8/2005
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg	1	12/8/2005
Chrysene	ND	0.20		mg/Kg	1	12/8/2005
Di-n-butyl phthalate	ND	0.50		mg/Kg	1	12/8/2005
Di-n-octyl phthalate	ND	0.50		mg/Kg	1	12/8/2005
Dibenz(a,h)anthracene	ND	0.25		mg/Kg	1	12/8/2005
Dibenzofuran	ND	0.50		mg/Kg	1	12/8/2005
1,2-Dichlorobenzene	ND	0.20		mg/Kg	1	12/8/2005
1,3-Dichlorobenzene	ND	0.20		mg/Kg	1	12/8/2005
1,4-Dichlorobenzene	ND	0.20		mg/Kg	1	12/8/2005
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg	1	12/8/2005
Diethyl phthalate	ND	0.20		mg/Kg	1	12/8/2005
Dimethyl phthalate	ND	0.20		mg/Kg	1	12/8/2005
2,4-Dichlorophenol	ND	0.20		mg/Kg	1	12/8/2005
2,4-Dimethylphenol	ND	0.20		mg/Kg	1	12/8/2005
4,6-Dinitro-2-methylphenol	ND	0.50		mg/Kg	1	12/8/2005
2,4-Dinitrophenol	ND	0.50		mg/Kg	1	12/8/2005
2,4-Dinitrotoluene	ND	0.20		mg/Kg	1	12/8/2005
2,6-Dinitrotoluene	ND	0.20		mg/Kg	1	12/8/2005
Fluoranthene	ND	0.20		mg/Kg	1	12/8/2005
Fluorene	ND	0.20		mg/Kg	1	12/8/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# Hall Environmental Analysis Laboratory

Date: 23-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511272  
**Project:** Eunice General Petroleum  
**Lab ID:** 0511272-01

**Client Sample ID:** Rim East  
**Collection Date:** 11/23/2005 9:00:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Hexachlorobenzene	ND	0.20		mg/Kg	1	12/8/2005
Hexachlorobutadiene	ND	0.20		mg/Kg	1	12/8/2005
Hexachlorocyclopentadiene	ND	0.25		mg/Kg	1	12/8/2005
Hexachloroethane	ND	0.50		mg/Kg	1	12/8/2005
Indeno(1,2,3-cd)pyrene	ND	0.20		mg/Kg	1	12/8/2005
Isophorone	ND	0.20		mg/Kg	1	12/8/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	12/8/2005
2-Methylphenol	ND	0.20		mg/Kg	1	12/8/2005
3+4-Methylphenol	ND	0.20		mg/Kg	1	12/8/2005
N-Nitrosodi-n-propylamine	ND	0.20		mg/Kg	1	12/8/2005
N-Nitrosodiphenylamine	ND	0.20		mg/Kg	1	12/8/2005
Naphthalene	ND	0.20		mg/Kg	1	12/8/2005
2-Nitroaniline	ND	0.50		mg/Kg	1	12/8/2005
3-Nitroaniline	ND	0.50		mg/Kg	1	12/8/2005
4-Nitroaniline	ND	0.25		mg/Kg	1	12/8/2005
Nitrobenzene	ND	0.20		mg/Kg	1	12/8/2005
2-Nitrophenol	ND	0.20		mg/Kg	1	12/8/2005
4-Nitrophenol	ND	0.20		mg/Kg	1	12/8/2005
Pentachlorophenol	ND	0.50		mg/Kg	1	12/8/2005
Phenanthrene	ND	0.20		mg/Kg	1	12/8/2005
Phenol	ND	0.20		mg/Kg	1	12/8/2005
Pyrene	ND	0.20		mg/Kg	1	12/8/2005
Pyridine	ND	0.50		mg/Kg	1	12/8/2005
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg	1	12/8/2005
2,4,5-Trichlorophenol	ND	0.20		mg/Kg	1	12/8/2005
2,4,6-Trichlorophenol	ND	0.20		mg/Kg	1	12/8/2005
Surr: 2,4,6-Tribromophenol	72.7	35.5-141		%REC	1	12/8/2005
Surr: 2-Fluorobiphenyl	67.9	30.4-128		%REC	1	12/8/2005
Surr: 2-Fluorophenol	61.6	28.1-129		%REC	1	12/8/2005
Surr: 4-Terphenyl-d14	65.3	34.6-151		%REC	1	12/8/2005
Surr: Nitrobenzene-d5	56.4	26.5-122		%REC	1	12/8/2005
Surr: Phenol-d5	52.3	37.6-118		%REC	1	12/8/2005

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 23-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511272  
**Project:** Eunice General Petroleum  
**Lab ID:** 0511272-02

**Client Sample ID:** Rim Central  
**Collection Date:** 11/23/2005 9:05:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	170	1.5		mg/kg	5	Analyst: MAP 12/13/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	Analyst: SCC 12/1/2005 11:05:56 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/1/2005 11:05:56 AM
Surr: DNOP	78.5	60-124		%REC	1	12/1/2005 11:05:56 AM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	Analyst: NSB 12/5/2005 2:58:10 PM
Surr: BFB	101	83.1-124		%REC	1	12/5/2005 2:58:10 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	Analyst: BDH 11/30/2005
Toluene	ND	0.050		mg/Kg	1	11/30/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/30/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/30/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/30/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/30/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/30/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/30/2005
Naphthalene	ND	0.10		mg/Kg	1	11/30/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/30/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/30/2005
Acetone	ND	0.75		mg/Kg	1	11/30/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/30/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/30/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/30/2005
Bromoform	ND	0.050		mg/Kg	1	11/30/2005
Bromomethane	ND	0.10		mg/Kg	1	11/30/2005
2-Butanone	ND	0.50		mg/Kg	1	11/30/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/30/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/30/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/30/2005
Chloroethane	ND	0.10		mg/Kg	1	11/30/2005
Chloroform	ND	0.050		mg/Kg	1	11/30/2005
Chloromethane	ND	0.050		mg/Kg	1	11/30/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/30/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/30/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/30/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/30/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/30/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/30/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 23-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511272  
**Project:** Eunice General Petroleum  
**Lab ID:** 0511272-02

**Client Sample ID:** Rim Central  
**Collection Date:** 11/23/2005 9:05:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10	mg/Kg	1	11/30/2005	
1,2-Dichlorobenzene	ND	0.050	mg/Kg	1	11/30/2005	
1,3-Dichlorobenzene	ND	0.050	mg/Kg	1	11/30/2005	
1,4-Dichlorobenzene	ND	0.050	mg/Kg	1	11/30/2005	
Dichlorodifluoromethane	ND	0.050	mg/Kg	1	11/30/2005	
1,1-Dichloroethane	ND	0.050	mg/Kg	1	11/30/2005	
1,1-Dichloroethene	ND	0.050	mg/Kg	1	11/30/2005	
1,2-Dichloropropane	ND	0.050	mg/Kg	1	11/30/2005	
1,3-Dichloropropane	ND	0.050	mg/Kg	1	11/30/2005	
2,2-Dichloropropane	ND	0.10	mg/Kg	1	11/30/2005	
1,1-Dichloropropene	ND	0.050	mg/Kg	1	11/30/2005	
Hexachlorobutadiene	ND	0.050	mg/Kg	1	11/30/2005	
2-Hexanone	ND	0.50	mg/Kg	1	11/30/2005	
Isopropylbenzene	ND	0.050	mg/Kg	1	11/30/2005	
4-Isopropyltoluene	ND	0.050	mg/Kg	1	11/30/2005	
4-Methyl-2-pentanone	ND	0.50	mg/Kg	1	11/30/2005	
Methylene chloride	ND	0.15	mg/Kg	1	11/30/2005	
n-Butylbenzene	ND	0.050	mg/Kg	1	11/30/2005	
n-Propylbenzene	ND	0.050	mg/Kg	1	11/30/2005	
sec-Butylbenzene	ND	0.050	mg/Kg	1	11/30/2005	
Styrene	ND	0.050	mg/Kg	1	11/30/2005	
tert-Butylbenzene	ND	0.050	mg/Kg	1	11/30/2005	
1,1,1,2-Tetrachloroethane	ND	0.050	mg/Kg	1	11/30/2005	
1,1,2,2-Tetrachloroethane	ND	0.050	mg/Kg	1	11/30/2005	
Tetrachloroethene (PCE)	ND	0.050	mg/Kg	1	11/30/2005	
trans-1,2-DCE	ND	0.050	mg/Kg	1	11/30/2005	
trans-1,3-Dichloropropene	ND	0.050	mg/Kg	1	11/30/2005	
1,2,3-Trichlorobenzene	ND	0.10	mg/Kg	1	11/30/2005	
1,2,4-Trichlorobenzene	ND	0.050	mg/Kg	1	11/30/2005	
1,1,1-Trichloroethane	ND	0.050	mg/Kg	1	11/30/2005	
1,1,2-Trichloroethane	ND	0.050	mg/Kg	1	11/30/2005	
Trichloroethene (TCE)	ND	0.050	mg/Kg	1	11/30/2005	
Trichlorofluoromethane	ND	0.050	mg/Kg	1	11/30/2005	
1,2,3-Trichloropropane	ND	0.10	mg/Kg	1	11/30/2005	
Vinyl chloride	ND	0.050	mg/Kg	1	11/30/2005	
Xylenes, Total	ND	0.050	mg/Kg	1	11/30/2005	
Surr: 1,2-Dichloroethane-d4	108	74.2-135	%REC	1	11/30/2005	
Surr: 4-Bromofluorobenzene	111	72.9-143	%REC	1	11/30/2005	
Surr: Dibromofluoromethane	108	76.9-138	%REC	1	11/30/2005	
Surr: Toluene-d8	102	70-126	%REC	1	11/30/2005	

## EPA METHOD 8270C: SEMIVOLATILES

Analyst: BL

Acenaphthene ND 0.20 mg/Kg 1 12/8/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# Hall Environmental Analysis Laboratory

Date: 23-Dec-05

CLIENT: Respec  
 Lab Order: 0511272  
 Project: Eunice General Petroleum  
 Lab ID: 0511272-02

Client Sample ID: Rim Central  
 Collection Date: 11/23/2005 9:05:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Acenaphthylene	ND	0.20		mg/Kg	1	12/8/2005
Aniline	ND	0.20		mg/Kg	1	12/8/2005
Anthracene	ND	0.20		mg/Kg	1	12/8/2005
Azobenzene	ND	0.20		mg/Kg	1	12/8/2005
Benz(a)anthracene	ND	0.25		mg/Kg	1	12/8/2005
Benzo(a)pyrene	ND	0.20		mg/Kg	1	12/8/2005
Benzo(b)fluoranthene	ND	0.20		mg/Kg	1	12/8/2005
Benzo(g,h,i)perylene	ND	0.30		mg/Kg	1	12/8/2005
Benzo(k)fluoranthene	ND	0.50		mg/Kg	1	12/8/2005
Benzoic acid	ND	0.50		mg/Kg	1	12/8/2005
Benzyl alcohol	ND	1.0		mg/Kg	1	12/8/2005
Bis(2-chloroethoxy)methane	ND	0.50		mg/Kg	1	12/8/2005
Bis(2-chloroethyl)ether	ND	0.25		mg/Kg	1	12/8/2005
Bis(2-chloroisopropyl)ether	ND	0.50		mg/Kg	1	12/8/2005
Bis(2-ethylhexyl)phthalate	ND	0.20		mg/Kg	1	12/8/2005
4-Bromophenyl phenyl ether	ND	0.25		mg/Kg	1	12/8/2005
Butyl benzyl phthalate	ND	0.20		mg/Kg	1	12/8/2005
Carbazole	ND	0.20		mg/Kg	1	12/8/2005
4-Chloro-3-methylphenol	ND	0.20		mg/Kg	1	12/8/2005
4-Chloroaniline	ND	0.20		mg/Kg	1	12/8/2005
2-Chloronaphthalene	ND	0.20		mg/Kg	1	12/8/2005
2-Chlorophenol	ND	0.20		mg/Kg	1	12/8/2005
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg	1	12/8/2005
Chrysene	ND	0.20		mg/Kg	1	12/8/2005
Di-n-butyl phthalate	ND	0.50		mg/Kg	1	12/8/2005
Di-n-octyl phthalate	ND	0.50		mg/Kg	1	12/8/2005
Dibenz(a,h)anthracene	ND	0.25		mg/Kg	1	12/8/2005
Dibenzofuran	ND	0.50		mg/Kg	1	12/8/2005
1,2-Dichlorobenzene	ND	0.20		mg/Kg	1	12/8/2005
1,3-Dichlorobenzene	ND	0.20		mg/Kg	1	12/8/2005
1,4-Dichlorobenzene	ND	0.20		mg/Kg	1	12/8/2005
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg	1	12/8/2005
Diethyl phthalate	ND	0.20		mg/Kg	1	12/8/2005
Dimethyl phthalate	ND	0.20		mg/Kg	1	12/8/2005
2,4-Dichlorophenol	ND	0.20		mg/Kg	1	12/8/2005
2,4-Dimethylphenol	ND	0.20		mg/Kg	1	12/8/2005
4,6-Dinitro-2-methylphenol	ND	0.50		mg/Kg	1	12/8/2005
2,4-Dinitrophenol	ND	0.50		mg/Kg	1	12/8/2005
2,4-Dinitrotoluene	ND	0.20		mg/Kg	1	12/8/2005
2,6-Dinitrotoluene	ND	0.20		mg/Kg	1	12/8/2005
Fluoranthene	ND	0.20		mg/Kg	1	12/8/2005
Fluorene	ND	0.20		mg/Kg	1	12/8/2005

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 23-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511272  
**Project:** Eunice General Petroleum  
**Lab ID:** 0511272-02

**Client Sample ID:** Rim Central  
**Collection Date:** 11/23/2005 9:05:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Hexachlorobenzene	ND	0.20		mg/Kg	1	12/8/2005
Hexachlorobutadiene	ND	0.20		mg/Kg	1	12/8/2005
Hexachlorocyclopentadiene	ND	0.25		mg/Kg	1	12/8/2005
Hexachloroethane	ND	0.50		mg/Kg	1	12/8/2005
Indeno(1,2,3-cd)pyrene	ND	0.20		mg/Kg	1	12/8/2005
Isophorone	ND	0.20		mg/Kg	1	12/8/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	12/8/2005
2-Methylphenol	ND	0.20		mg/Kg	1	12/8/2005
3+4-Methylphenol	ND	0.20		mg/Kg	1	12/8/2005
N-Nitrosodi-n-propylamine	ND	0.20		mg/Kg	1	12/8/2005
N-Nitrosodiphenylamine	ND	0.20		mg/Kg	1	12/8/2005
Naphthalene	ND	0.20		mg/Kg	1	12/8/2005
2-Nitroaniline	ND	0.50		mg/Kg	1	12/8/2005
3-Nitroaniline	ND	0.50		mg/Kg	1	12/8/2005
4-Nitroaniline	ND	0.25		mg/Kg	1	12/8/2005
Nitrobenzene	ND	0.20		mg/Kg	1	12/8/2005
2-Nitrophenol	ND	0.20		mg/Kg	1	12/8/2005
4-Nitrophenol	ND	0.20		mg/Kg	1	12/8/2005
Pentachlorophenol	ND	0.50		mg/Kg	1	12/8/2005
Phenanthrene	ND	0.20		mg/Kg	1	12/8/2005
Phenol	ND	0.20		mg/Kg	1	12/8/2005
Pyrene	ND	0.20		mg/Kg	1	12/8/2005
Pyridine	ND	0.50		mg/Kg	1	12/8/2005
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg	1	12/8/2005
2,4,5-Trichlorophenol	ND	0.20		mg/Kg	1	12/8/2005
2,4,6-Trichlorophenol	ND	0.20		mg/Kg	1	12/8/2005
Surr: 2,4,6-Tribromophenol	72.2	35.5-141		%REC	1	12/8/2005
Surr: 2-Fluorobiphenyl	63.1	30.4-128		%REC	1	12/8/2005
Surr: 2-Fluorophenol	54.7	28.1-129		%REC	1	12/8/2005
Surr: 4-Terphenyl-d14	67.1	34.6-151		%REC	1	12/8/2005
Surr: Nitrobenzene-d5	53.6	26.5-122		%REC	1	12/8/2005
Surr: Phenol-d5	52.3	37.6-118		%REC	1	12/8/2005

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 23-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511272  
**Project:** Eunice General Petroleum  
**Lab ID:** 0511272-03

**Client Sample ID:** Rim West  
**Collection Date:** 11/23/2005 9:10:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	37	1.5		mg/kg	5	12/3/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	250	10		mg/Kg	1	12/1/2005 8:14:47 PM
Motor Oil Range Organics (MRO)	240	50		mg/Kg	1	12/1/2005 8:14:47 PM
Surr: DNOP	82.2	60-124		%REC	1	12/1/2005 8:14:47 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	25		mg/Kg	5	12/5/2005 3:58:10 PM
Surr: BFB	100	83.1-124		%REC	5	12/5/2005 3:58:10 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/30/2005
Toluene	ND	0.050		mg/Kg	1	11/30/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/30/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/30/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/30/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/30/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/30/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/30/2005
Naphthalene	ND	0.10		mg/Kg	1	11/30/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/30/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/30/2005
Acetone	ND	0.75		mg/Kg	1	11/30/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/30/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/30/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/30/2005
Bromoform	ND	0.050		mg/Kg	1	11/30/2005
Bromomethane	ND	0.10		mg/Kg	1	11/30/2005
2-Butanone	ND	0.50		mg/Kg	1	11/30/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/30/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/30/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/30/2005
Chloroethane	ND	0.10		mg/Kg	1	11/30/2005
Chloroform	ND	0.050		mg/Kg	1	11/30/2005
Chloromethane	ND	0.050		mg/Kg	1	11/30/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/30/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/30/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/30/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/30/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/30/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/30/2005

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 23-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511272  
**Project:** Eunice General Petroleum  
**Lab ID:** 0511272-03

**Client Sample ID:** Rim West  
**Collection Date:** 11/23/2005 9:10:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/30/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/30/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/30/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/30/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/30/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/30/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/30/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/30/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/30/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/30/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/30/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/30/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/30/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/30/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/30/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/30/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/30/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/30/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/30/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/30/2005
Styrene	ND	0.050		mg/Kg	1	11/30/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/30/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/30/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/30/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/30/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/30/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/30/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/30/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/30/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/30/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/30/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/30/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/30/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/30/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/30/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/30/2005
Surr: 1,2-Dichloroethane-d4	105	74.2-135		%REC	1	11/30/2005
Surr: 4-Bromofluorobenzene	109	72.9-143		%REC	1	11/30/2005
Surr: Dibromofluoromethane	107	76.9-138		%REC	1	11/30/2005
Surr: Toluene-d8	94.1	70-126		%REC	1	11/30/2005

## EPA METHOD 8270C: SEMIVOLATILES

Analyst: BL

Acenaphthene	ND	2.0	mg/Kg	10	12/8/2005
<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit				S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits				R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank				E - Value above quantitation range
	*	Value exceeds Maximum Contaminant Level			

# Hall Environmental Analysis Laboratory

Date: 23-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511272  
**Project:** Eunice General Petroleum  
**Lab ID:** 0511272-03

**Client Sample ID:** Rim West  
**Collection Date:** 11/23/2005 9:10:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Acenaphthylene	ND	2.0		mg/Kg	10	12/8/2005
Aniline	ND	2.0		mg/Kg	10	12/8/2005
Anthracene	ND	2.0		mg/Kg	10	12/8/2005
Azobenzene	ND	2.0		mg/Kg	10	12/8/2005
Benz(a)anthracene	ND	2.5		mg/Kg	10	12/8/2005
Benzo(a)pyrene	ND	2.0		mg/Kg	10	12/8/2005
Benzo(b)fluoranthene	ND	2.0		mg/Kg	10	12/8/2005
Benzo(g,h,i)perylene	ND	3.0		mg/Kg	10	12/8/2005
Benzo(k)fluoranthene	ND	5.0		mg/Kg	10	12/8/2005
Benzoic acid	ND	5.0		mg/Kg	10	12/8/2005
Benzyl alcohol	ND	10		mg/Kg	10	12/8/2005
Bis(2-chloroethoxy)methane	ND	5.0		mg/Kg	10	12/8/2005
Bis(2-chloroethyl)ether	ND	2.5		mg/Kg	10	12/8/2005
Bis(2-chloroisopropyl)ether	ND	5.0		mg/Kg	10	12/8/2005
Bis(2-ethylhexyl)phthalate	ND	2.0		mg/Kg	10	12/8/2005
4-Bromophenyl phenyl ether	ND	2.5		mg/Kg	10	12/8/2005
Butyl benzyl phthalate	ND	2.0		mg/Kg	10	12/8/2005
Carbazole	ND	2.0		mg/Kg	10	12/8/2005
4-Chloro-3-methylphenol	ND	2.0		mg/Kg	10	12/8/2005
4-Chloroaniline	ND	2.0		mg/Kg	10	12/8/2005
2-Chloronaphthalene	ND	2.0		mg/Kg	10	12/8/2005
2-Chlorophenol	ND	2.0		mg/Kg	10	12/8/2005
4-Chlorophenyl phenyl ether	ND	2.0		mg/Kg	10	12/8/2005
Chrysene	ND	2.0		mg/Kg	10	12/8/2005
Di-n-butyl phthalate	ND	5.0		mg/Kg	10	12/8/2005
Di-n-octyl phthalate	ND	5.0		mg/Kg	10	12/8/2005
Dibenz(a,h)anthracene	ND	2.5		mg/Kg	10	12/8/2005
Dibenzofuran	ND	5.0		mg/Kg	10	12/8/2005
1,2-Dichlorobenzene	ND	2.0		mg/Kg	10	12/8/2005
1,3-Dichlorobenzene	ND	2.0		mg/Kg	10	12/8/2005
1,4-Dichlorobenzene	ND	2.0		mg/Kg	10	12/8/2005
3,3'-Dichlorobenzidine	ND	2.0		mg/Kg	10	12/8/2005
Diethyl phthalate	ND	2.0		mg/Kg	10	12/8/2005
Dimethyl phthalate	ND	2.0		mg/Kg	10	12/8/2005
2,4-Dichlorophenol	ND	2.0		mg/Kg	10	12/8/2005
2,4-Dimethylphenol	ND	2.0		mg/Kg	10	12/8/2005
4,6-Dinitro-2-methylphenol	ND	5.0		mg/Kg	10	12/8/2005
2,4-Dinitrophenol	ND	5.0		mg/Kg	10	12/8/2005
2,4-Dinitrotoluene	ND	2.0		mg/Kg	10	12/8/2005
2,6-Dinitrotoluene	ND	2.0		mg/Kg	10	12/8/2005
Fluoranthene	ND	2.0		mg/Kg	10	12/8/2005
Fluorene	ND	2.0		mg/Kg	10	12/8/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# Hall Environmental Analysis Laboratory

Date: 23-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511272  
**Project:** Eunice General Petroleum  
**Lab ID:** 0511272-03

**Client Sample ID:** Rim West  
**Collection Date:** 11/23/2005 9:10:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Hexachlorobenzene	ND	2.0		mg/Kg	10	12/8/2005
Hexachlorobutadiene	ND	2.0		mg/Kg	10	12/8/2005
Hexachlorocyclopentadiene	ND	2.5		mg/Kg	10	12/8/2005
Hexachloroethane	ND	5.0		mg/Kg	10	12/8/2005
Indeno(1,2,3-cd)pyrene	ND	2.0		mg/Kg	10	12/8/2005
Isophorone	ND	2.0		mg/Kg	10	12/8/2005
2-Methylnaphthalene	ND	2.0		mg/Kg	10	12/8/2005
2-Methylphenol	ND	2.0		mg/Kg	10	12/8/2005
3+4-Methylphenol	ND	2.0		mg/Kg	10	12/8/2005
N-Nitrosodi-n-propylamine	ND	2.0		mg/Kg	10	12/8/2005
N-Nitrosodiphenylamine	ND	2.0		mg/Kg	10	12/8/2005
Naphthalene	ND	2.0		mg/Kg	10	12/8/2005
2-Nitroaniline	ND	5.0		mg/Kg	10	12/8/2005
3-Nitroaniline	ND	5.0		mg/Kg	10	12/8/2005
4-Nitroaniline	ND	2.5		mg/Kg	10	12/8/2005
Nitrobenzene	ND	2.0		mg/Kg	10	12/8/2005
2-Nitrophenol	ND	2.0		mg/Kg	10	12/8/2005
4-Nitrophenol	ND	2.0		mg/Kg	10	12/8/2005
Pentachlorophenol	ND	5.0		mg/Kg	10	12/8/2005
Phenanthrene	ND	2.0		mg/Kg	10	12/8/2005
Phenol	ND	2.0		mg/Kg	10	12/8/2005
Pyrene	ND	2.0		mg/Kg	10	12/8/2005
Pyridine	ND	5.0		mg/Kg	10	12/8/2005
1,2,4-Trichlorobenzene	ND	2.0		mg/Kg	10	12/8/2005
2,4,5-Trichlorophenol	ND	2.0		mg/Kg	10	12/8/2005
2,4,6-Trichlorophenol	ND	2.0		mg/Kg	10	12/8/2005
Surr: 2,4,6-Tribromophenol	43.1	35.5-141		%REC	10	12/8/2005
Surr: 2-Fluorobiphenyl	60.1	30.4-128		%REC	10	12/8/2005
Surr: 2-Fluorophenol	58.1	28.1-129		%REC	10	12/8/2005
Surr: 4-Terphenyl-d14	51.7	34.6-151		%REC	10	12/8/2005
Surr: Nitrobenzene-d5	53.7	26.5-122		%REC	10	12/8/2005
Surr: Phenol-d5	50.1	37.6-118		%REC	10	12/8/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 23-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511272  
**Project:** Eunice General Petroleum  
**Lab ID:** 0511272-04

**Client Sample ID:** Green West  
**Collection Date:** 11/23/2005 9:15:00 AM  
**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	1800	6.0		mg/kg	20	12/13/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	22000	500		mg/Kg	50	12/1/2005 12:43:23 PM
Motor Oil Range Organics (MRO)	6100	2500		mg/Kg	50	12/1/2005 12:43:23 PM
Surr: DNOP	0	60-124	S	%REC	50	12/1/2005 12:43:23 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	640	250		mg/Kg	50	12/5/2005 4:27:59 PM
Surr: BFB	146	83.1-124	S	%REC	50	12/5/2005 4:27:59 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.50		mg/Kg	10	12/1/2005
Toluene	ND	0.50		mg/Kg	10	12/1/2005
Ethylbenzene	0.82	0.50		mg/Kg	10	12/1/2005
Methyl tert-butyl ether (MTBE)	ND	0.50		mg/Kg	10	12/1/2005
1,2,4-Trimethylbenzene	6.0	0.50		mg/Kg	10	12/1/2005
1,3,5-Trimethylbenzene	2.2	0.50		mg/Kg	10	12/1/2005
1,2-Dichloroethane (EDC)	ND	0.50		mg/Kg	10	12/1/2005
1,2-Dibromoethane (EDB)	ND	0.50		mg/Kg	10	12/1/2005
Naphthalene	2.2	1.0		mg/Kg	10	12/1/2005
1-Methylnaphthalene	2.3	2.0		mg/Kg	10	12/1/2005
2-Methylnaphthalene	2.8	2.0		mg/Kg	10	12/1/2005
Acetone	ND	7.5		mg/Kg	10	12/1/2005
Bromobenzene	ND	0.50		mg/Kg	10	12/1/2005
Bromochloromethane	ND	0.50		mg/Kg	10	12/1/2005
Bromodichloromethane	ND	0.50		mg/Kg	10	12/1/2005
Bromoform	ND	0.50		mg/Kg	10	12/1/2005
Bromomethane	ND	1.0		mg/Kg	10	12/1/2005
2-Butanone	ND	5.0		mg/Kg	10	12/1/2005
Carbon disulfide	ND	5.0		mg/Kg	10	12/1/2005
Carbon tetrachloride	ND	1.0		mg/Kg	10	12/1/2005
Chlorobenzene	ND	0.50		mg/Kg	10	12/1/2005
Chloroethane	ND	1.0		mg/Kg	10	12/1/2005
Chloroform	ND	0.50		mg/Kg	10	12/1/2005
Chloromethane	ND	0.50		mg/Kg	10	12/1/2005
2-Chlorotoluene	ND	0.50		mg/Kg	10	12/1/2005
4-Chlorotoluene	ND	0.50		mg/Kg	10	12/1/2005
cis-1,2-DCE	ND	0.50		mg/Kg	10	12/1/2005
cis-1,3-Dichloropropene	ND	0.50		mg/Kg	10	12/1/2005
1,2-Dibromo-3-chloropropane	ND	1.0		mg/Kg	10	12/1/2005
Dibromochloromethane	ND	0.50		mg/Kg	10	12/1/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
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S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 23-Dec-05

CLIENT: Respec  
 Lab Order: 0511272  
 Project: Eunice General Petroleum  
 Lab ID: 0511272-04

Client Sample ID: Green West  
 Collection Date: 11/23/2005 9:15:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	1.0		mg/Kg	10	12/1/2005
1,2-Dichlorobenzene	ND	0.50		mg/Kg	10	12/1/2005
1,3-Dichlorobenzene	ND	0.50		mg/Kg	10	12/1/2005
1,4-Dichlorobenzene	ND	0.50		mg/Kg	10	12/1/2005
Dichlorodifluoromethane	ND	0.50		mg/Kg	10	12/1/2005
1,1-Dichloroethane	ND	0.50		mg/Kg	10	12/1/2005
1,1-Dichloroethene	ND	0.50		mg/Kg	10	12/1/2005
1,2-Dichloropropane	ND	0.50		mg/Kg	10	12/1/2005
1,3-Dichloropropane	ND	0.50		mg/Kg	10	12/1/2005
2,2-Dichloropropane	ND	1.0		mg/Kg	10	12/1/2005
1,1-Dichloropropene	ND	0.50		mg/Kg	10	12/1/2005
Hexachlorobutadiene	ND	0.50		mg/Kg	10	12/1/2005
2-Hexanone	ND	5.0		mg/Kg	10	12/1/2005
Isopropylbenzene	0.92	0.50		mg/Kg	10	12/1/2005
4-Isopropyltoluene	ND	0.50		mg/Kg	10	12/1/2005
4-Methyl-2-pentanone	ND	5.0		mg/Kg	10	12/1/2005
Methylene chloride	ND	1.5		mg/Kg	10	12/1/2005
n-Butylbenzene	1.5	0.50		mg/Kg	10	12/1/2005
n-Propylbenzene	1.3	0.50		mg/Kg	10	12/1/2005
sec-Butylbenzene	1.4	0.50		mg/Kg	10	12/1/2005
Styrene	ND	0.50		mg/Kg	10	12/1/2005
tert-Butylbenzene	ND	0.50		mg/Kg	10	12/1/2005
1,1,1,2-Tetrachloroethane	ND	0.50		mg/Kg	10	12/1/2005
1,1,2,2-Tetrachloroethane	ND	0.50		mg/Kg	10	12/1/2005
Tetrachloroethene (PCE)	ND	0.50		mg/Kg	10	12/1/2005
trans-1,2-DCE	ND	0.50		mg/Kg	10	12/1/2005
trans-1,3-Dichloropropene	ND	0.50		mg/Kg	10	12/1/2005
1,2,3-Trichlorobenzene	ND	1.0		mg/Kg	10	12/1/2005
1,2,4-Trichlorobenzene	ND	0.50		mg/Kg	10	12/1/2005
1,1,1-Trichloroethane	ND	0.50		mg/Kg	10	12/1/2005
1,1,2-Trichloroethane	ND	0.50		mg/Kg	10	12/1/2005
Trichloroethene (TCE)	ND	0.50		mg/Kg	10	12/1/2005
Trichlorofluoromethane	ND	0.50		mg/Kg	10	12/1/2005
1,2,3-Trichloropropane	ND	1.0		mg/Kg	10	12/1/2005
Vinyl chloride	ND	0.50		mg/Kg	10	12/1/2005
Xylenes, Total	6.8	0.50		mg/Kg	10	12/1/2005
Surr: 1,2-Dichloroethane-d4	104	74.2-135		%REC	10	12/1/2005
Surr: 4-Bromofluorobenzene	109	72.9-143		%REC	10	12/1/2005
Surr: Dibromofluoromethane	105	76.9-138		%REC	10	12/1/2005
Surr: Toluene-d8	97.2	70-126		%REC	10	12/1/2005

## EPA METHOD 8270C: SEMIVOLATILES

Analyst: BL

Acenaphthene ND 20 mg/Kg 10 12/8/2005

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 23-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511272  
**Project:** Eunice General Petroleum  
**Lab ID:** 0511272-04

**Client Sample ID:** Green West  
**Collection Date:** 11/23/2005 9:15:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Acenaphthylene	ND	20	mg/Kg	10	12/8/2005	
Aniline	ND	20	mg/Kg	10	12/8/2005	
Anthracene	ND	20	mg/Kg	10	12/8/2005	
Azobenzene	ND	20	mg/Kg	10	12/8/2005	
Benz(a)anthracene	ND	25	mg/Kg	10	12/8/2005	
Benzo(a)pyrene	ND	20	mg/Kg	10	12/8/2005	
Benzo(b)fluoranthene	ND	20	mg/Kg	10	12/8/2005	
Benzo(g,h,i)perylene	ND	30	mg/Kg	10	12/8/2005	
Benzo(k)fluoranthene	ND	50	mg/Kg	10	12/8/2005	
Benzoic acid	ND	50	mg/Kg	10	12/8/2005	
Benzyl alcohol	ND	100	mg/Kg	10	12/8/2005	
Bis(2-chloroethoxy)methane	ND	50	mg/Kg	10	12/8/2005	
Bis(2-chloroethyl)ether	ND	25	mg/Kg	10	12/8/2005	
Bis(2-chloroisopropyl)ether	ND	50	mg/Kg	10	12/8/2005	
Bis(2-ethylhexyl)phthalate	ND	20	mg/Kg	10	12/8/2005	
4-Bromophenyl phenyl ether	ND	25	mg/Kg	10	12/8/2005	
Butyl benzyl phthalate	ND	20	mg/Kg	10	12/8/2005	
Carbazole	ND	20	mg/Kg	10	12/8/2005	
4-Chloro-3-methylphenol	ND	20	mg/Kg	10	12/8/2005	
4-Chloroaniline	ND	20	mg/Kg	10	12/8/2005	
2-Chloronaphthalene	ND	20	mg/Kg	10	12/8/2005	
2-Chlorophenol	ND	20	mg/Kg	10	12/8/2005	
4-Chlorophenyl phenyl ether	ND	20	mg/Kg	10	12/8/2005	
Chrysene	ND	20	mg/Kg	10	12/8/2005	
Di-n-butyl phthalate	ND	50	mg/Kg	10	12/8/2005	
Di-n-octyl phthalate	ND	50	mg/Kg	10	12/8/2005	
Dibenz(a,h)anthracene	ND	25	mg/Kg	10	12/8/2005	
Dibenzofuran	ND	50	mg/Kg	10	12/8/2005	
1,2-Dichlorobenzene	ND	20	mg/Kg	10	12/8/2005	
1,3-Dichlorobenzene	ND	20	mg/Kg	10	12/8/2005	
1,4-Dichlorobenzene	ND	20	mg/Kg	10	12/8/2005	
3,3'-Dichlorobenzidine	ND	20	mg/Kg	10	12/8/2005	
Diethyl phthalate	ND	20	mg/Kg	10	12/8/2005	
Dimethyl phthalate	ND	20	mg/Kg	10	12/8/2005	
2,4-Dichlorophenol	ND	20	mg/Kg	10	12/8/2005	
2,4-Dimethylphenol	ND	20	mg/Kg	10	12/8/2005	
4,6-Dinitro-2-methylphenol	ND	50	mg/Kg	10	12/8/2005	
2,4-Dinitrophenol	ND	50	mg/Kg	10	12/8/2005	
2,4-Dinitrotoluene	ND	20	mg/Kg	10	12/8/2005	
2,6-Dinitrotoluene	ND	20	mg/Kg	10	12/8/2005	
Fluoranthene	ND	20	mg/Kg	10	12/8/2005	
Fluorene	ND	20	mg/Kg	10	12/8/2005	

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 23-Dec-05

CLIENT: Respec  
 Lab Order: 0511272  
 Project: Eunice General Petroleum  
 Lab ID: 0511272-04

Client Sample ID: Green West  
 Collection Date: 11/23/2005 9:15:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Hexachlorobenzene	ND	20		mg/Kg	10	12/8/2005
Hexachlorobutadiene	ND	20		mg/Kg	10	12/8/2005
Hexachlorocyclopentadiene	ND	25		mg/Kg	10	12/8/2005
Hexachloroethane	ND	50		mg/Kg	10	12/8/2005
Indeno(1,2,3-cd)pyrene	ND	20		mg/Kg	10	12/8/2005
Isophorone	ND	20		mg/Kg	10	12/8/2005
2-Methylnaphthalene	44	20		mg/Kg	10	12/8/2005
2-Methylphenol	ND	20		mg/Kg	10	12/8/2005
3+4-Methylphenol	ND	20		mg/Kg	10	12/8/2005
N-Nitrosodi-n-propylamine	ND	20		mg/Kg	10	12/8/2005
N-Nitrosodiphenylamine	ND	20		mg/Kg	10	12/8/2005
Naphthalene	ND	20		mg/Kg	10	12/8/2005
2-Nitroaniline	ND	50		mg/Kg	10	12/8/2005
3-Nitroaniline	ND	50		mg/Kg	10	12/8/2005
4-Nitroaniline	ND	25		mg/Kg	10	12/8/2005
Nitrobenzene	ND	20		mg/Kg	10	12/8/2005
2-Nitrophenol	ND	20		mg/Kg	10	12/8/2005
4-Nitrophenol	ND	20		mg/Kg	10	12/8/2005
Pentachlorophenol	ND	50		mg/Kg	10	12/8/2005
Phenanthrene	ND	20		mg/Kg	10	12/8/2005
Phenol	ND	20		mg/Kg	10	12/8/2005
Pyrene	ND	20		mg/Kg	10	12/8/2005
Pyridine	ND	50		mg/Kg	10	12/8/2005
1,2,4-Trichlorobenzene	ND	20		mg/Kg	10	12/8/2005
2,4,5-Trichlorophenol	ND	20		mg/Kg	10	12/8/2005
2,4,6-Trichlorophenol	ND	20		mg/Kg	10	12/8/2005
Surr: 2,4,6-Tribromophenol	97.1	35.5-141		%REC	10	12/8/2005
Surr: 2-Fluorobiphenyl	110	30.4-128		%REC	10	12/8/2005
Surr: 2-Fluorophenol	58.1	28.1-129		%REC	10	12/8/2005
Surr: 4-Terphenyl-d14	91.8	34.6-151		%REC	10	12/8/2005
Surr: Nitrobenzene-d5	248	26.5-122	S	%REC	10	12/8/2005
Surr: Phenol-d5	0	37.6-118	S	%REC	10	12/8/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

## Hall Environmental Analysis Laboratory

Date: 23-Dec-05

**QC SUMMARY REPORT**

Method Blank

**CLIENT:** Respec  
**Work Order:** 0511272  
**Project:** Eunice General Petroleum

Sample ID:	Batch ID:	Test Code:	Units:	Analysis Date:	Prep Date:					
Client ID:		Run ID:	mg/Kg	12/1/2005 8:23:35 AM	11/30/2005					
Analyte	Result	PQL	SPK value	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.259	0	10	0	92.6	60	124	0		

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
/

CLIENT: Respec  
 Work Order: 0511272  
 Project: Eunice General Petroleum

**QC SUMMARY REPORT**  
 Method Blank

Sample ID: <b>MB-9294</b>	Batch ID: <b>9294</b>	Test Code: <b>SW8270C</b>	Units: mg/Kg	Analysis Date: <b>12/8/2005</b>			Prep Date: <b>11/30/2005</b>		
Client ID:		Run ID: <b>ELMO_051208A</b>		SeqNo:	<b>430442</b>		%RPD	RPDLimit	Qual
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	
Acenaphthene	ND	0.2							
Acenaphthylenne	ND	0.2							
Aniline	ND	0.2							
Anthracene	ND	0.2							
Azobenzene	ND	0.2							
Benz(a)anthracene	ND	0.25							
Benzo(a)pyrene	ND	0.2							
Benzo(b)fluoranthene	ND	0.2							
Benzo(g,h,i)perylene	ND	0.3							
Benzo(k)fluoranthene	ND	0.5							
Benzoic acid	ND	0.5							
Benzyl alcohol	ND	1							
Bis(2-chloroethoxy)methane	ND	0.5							
Bis(2-chloroisopropyl)ether	ND	0.25							
Bis(2-ethylhexyl)phthalate	ND	0.5							
4-Bromophenyl phenyl ether	ND	0.2							
Butyl benzyl phthalate	ND	0.25							
Carbazole	ND	0.2							
4-Chloro-3-methylphenol	ND	0.2							
4-Chloroaniline	ND	0.2							
2-Chloronaphthalene	ND	0.2							
2-Chlorophenol	ND	0.2							
4-Chlorophenyl phenyl ether	ND	0.2							
Chrysene	ND	0.2							
Di-n-butyl phthalate	ND	0.5							
Di-n-octyl phthalate	ND	0.5							
Dibenz(a,h)anthracene	ND	0.25							

Qualifiers:

ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**CLIENT:** Respec  
**Work Order:** 0511272  
**Project:** Eunice General Petroleum

**QC SUMMARY REPORT**  
Method Blank

Dibenzofuran	ND	0.5		
1,2-Dichlorobenzene	ND	0.2		
1,3-Dichlorobenzene	ND	0.2		
1,4-Dichlorobenzene	ND	0.2		
3,3'-Dichlorobenzidine	ND	0.2		
Diethyl phthalate	ND	0.2		
Dimethyl phthalate	ND	0.2		
2,4-Dichlorophenol	ND	0.2		
2,4-Dimethylphenol	ND	0.2		
4,6-Dinitro-2-methylphenol	ND	0.5		
2,4-Dinitropheno	ND	0.5		
2,4-Dinitrotoluene	ND	0.2		
2,6-Dinitrotoluene	ND	0.2		
Fluoranthene	ND	0.2		
Fluorene	ND	0.2		
Hexachlorobenzene	ND	0.2		
Hexachlorobutadiene	ND	0.2		
Hexachlorocyclopentadiene	ND	0.25		
Hexachloroethane	ND	0.5		
Indeno(1,2,3-cd)pyrene	ND	0.2		
Isophorone	ND	0.2		
2-Methylnaphthalene	ND	0.2		
2-Methylphenol	ND	0.2		
3+4-Methylphenol	ND	0.2		
N-Nitrosodi-n-propylamine	ND	0.2		
N-Nitrosodiphenylamine	ND	0.2		
Naphthalene	ND	0.2		
2-Nitroaniline	ND	0.5		
3-Nitroaniline	ND	0.5		
4-Nitroaniline	ND	0.25		
Nitrobenzene	ND	0.2		
2-Nitrophenol	ND	0.2		
4-Nitrophenol	ND	0.2		

Qualifiers:

ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

QC SUMMARY REPORT

Method Blank

QC SUMMARY REPORT		Method Blank	
CLIENT:	Respec	Work Order:	0511272
Project:	Eunice General Petroleum		
Pentachlorophenol	ND	0.5	
Phenanthrene	ND	0.2	
Phenol	ND	0.2	
Pyrene	ND	0.2	
Pyridine	ND	0.5	
1,2,4-Trichlorobenzene	ND	0.2	
2,4,5-Trichlorophenol	ND	0.2	
2,4,6-Trichlorophenol	ND	0.2	
Surr: 2,4,6-Tribromophenol	1.996	0	35.5
Surr: 2-Fluorobiphenyl	1.008	0	128
Surr: 2-Fluorophenol	1.784	0	0
Surr: 4-Terphenyl-d14	0.905	0	0
Surr: Nitrobenzene-d5	0.8807	0	0
Surr: Phenol-d5	1.588	0	0

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit J - Analyte detected below quantitation limits
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S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

### B - Analyte detected in the associated Method Blank

Hall Environmental Analysis Laboratory

Date: 23-Dec-05

**QC SUMMARY REPORT**

Method Blank

CLIENT: Respec  
Work Order: 0511272  
Project: Eunice General Petroleum

Sample ID: MB-9287	Batch ID: 9287	Test Code: SW8260B	Units: mg/Kg	Analysis Date: 11/30/2005			Prep Date: 11/29/2005					
Client ID:		Run ID: THOR_051130A		SeqNo:	427214							
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene		ND	0.05									
Toluene		ND	0.05									
Ethylbenzene		ND	0.05									
Methyl tert-butyl ether (MTBE)		ND	0.05									
1,2,4-Trimethylbenzene		ND	0.05									
1,3,5-Trimethylbenzene		ND	0.05									
1,2-Dichloroethane (EDC)		ND	0.05									
1,2-Dibromoethane (EDB)		ND	0.05									
Naphthalene		ND	0.1									
1-Methylnaphthalene		ND	0.2									
2-Methylnaphthalene		ND	0.2									
Acetone		ND	0.75									
Bromobenzene		ND	0.05									
Bromochloromethane		ND	0.05									
Bromodichloromethane		ND	0.05									
Bromoform		ND	0.05									
Bromomethane		ND	0.1									
2-Butanone		ND	0.5									
Carbon disulfide		ND	0.5									
Carbon tetrachloride		ND	0.1									
Chlorobenzene		ND	0.05									
Chloroethane		ND	0.1									
Chloroform		ND	0.05									
Chromomethane		ND	0.05									
2-Chirotoluene		ND	0.05									
4-Chirotoluene		ND	0.05									
cis-1,2-DCE		ND	0.05									

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

/

**QC SUMMARY REPORT**  
Method Blank

CLIENT:	Respec
Work Order:	0511272
Project:	Eunice General Petroleum
cis-1,3-Dichloropropene	ND
1,2-Dibromo-3-chloropropane	ND
Dibromochloromethane	ND
Dibromomethane	ND
1,2-Dichlorobenzene	ND
1,3-Dichlorobenzene	ND
1,4-Dichlorobenzene	ND
Dichlorodifluoromethane	ND
1,1-Dichloroethane	ND
1,1-Dichloroethene	ND
1,2-Dichloropropane	ND
1,3-Dichloropropane	ND
2,2-Dichloropropane	ND
1,1-Dichloropropene	ND
Hexachlorobutadiene	ND
2-Hexanone	ND
Isopropylbenzene	ND
4-Isopropyltoluene	ND
4-Methyl-2-pentanone	ND
Methylene chloride	ND
n-Butylbenzene	ND
n-Propylbenzene	ND
sec-Butylbenzene	ND
Styrene	ND
tert-Butylbenzene	ND
1,1,1,2-Tetrachloroethane	ND
1,1,2,2-Tetrachloroethane	ND
Tetrachloroethene (PCE)	ND
trans-1,2-DCE	ND
trans-1,3-Dichloropropene	ND
1,2,3-Trichlorobenzene	ND
1,2,4-Trichlorobenzene	ND
1,1,1-Trichloroethane	ND

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

# QC SUMMARY REPORT

Method Blank

<b>CLIENT:</b>	Respec
<b>Work Order:</b>	0511272
<b>Project:</b>	Eunice General Petroleum
1,1,2-Trichloroethane	ND
Trichloroethylene (TCE)	ND
Trichlorofluoromethane	ND
1,2,3-Trichloropropane	ND
Vinyl chloride	ND
Xylenes, Total	ND
Surr: 1,2-Dichloroethane-d4	0.5188
Surr: 4-Bromofluorobenzene	0.5861
Surr: Dibromofluoromethane	0.541
Surr: Toluene-d8	0.504

1,1,2-Trichloroethane	ND	0.05
Trichloroethylene (TCE)	ND	0.05
Trichlorofluoromethane	ND	0.05
1,2,3-Trichloropropane	ND	0.1
Vinyl chloride	ND	0.05
Xylenes, Total	ND	0.05
Surr: 1,2-Dichloroethane-d4	0.5188	0
Surr: 4-Bromofluorobenzene	0.5861	0
Surr: Dibromofluoromethane	0.541	0
Surr: Toluene-d8	0.504	0

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

## Hall Environmental Analysis Laboratory

Date: 23-Dec-05

## QC SUMMARY REPORT

Laboratory Control Spike - generic

Client ID:	Project:	Batch ID:	Test Code:	Units:	mg/kg	Analysis Date:	12/3/2005	Prep Date:	12/2/2005		
Client ID:	Project:	Batch ID:	Run ID:	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sample ID: LCS-9321		Batch ID: 9321	Test Code: E300	Run ID: LC_051203A							
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Chloride		14.85	0.3	15	0	99.0	90	110	0		
Sample ID: LCS-9289		Batch ID: 9289	Test Code: SW8015	Units:	mg/Kg	Analysis Date:	12/1/2005 9:29:11 AM	Prep Date:	11/30/2005		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Diesel Range Organics (DRO)		43.21	10	50	0	86.4	67.4	117	0		
Sample ID: LCSD-9289		Batch ID: 9289	Test Code: SW8015	Units:	mg/Kg	Analysis Date:	12/1/2005 10:01:56 AM	Prep Date:	11/30/2005		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Diesel Range Organics (DRO)		43.64	10	50	0	87.3	67.4	117	43.21	0.979	17.4
Sample ID: Ics-9287		Batch ID: 9287	Test Code: SW8015	Units:	mg/Kg	Analysis Date:	12/5/2005 12:58:27 PM	Prep Date:	11/29/2005		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Gasoline Range Organics (GRO)		22.73	5	25	0	90.9	84	120	0		
Sample ID: Icsd-9287		Batch ID: 9287	Test Code: SW8015	Units:	mg/Kg	Analysis Date:	12/5/2005 1:28:20 PM	Prep Date:	11/29/2005		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Gasoline Range Organics (GRO)		22.48	5	25	0	89.9	84	120	22.73	1.11	11.6

CLIENT: Respec  
 Work Order: 0511272  
 Project: Eunice General Petroleum

**QC SUMMARY REPORT**  
 Laboratory Control Spike - generic

Sample ID: LCS-9287		Batch ID: 9287		Test Code: SW8260B		Units: mg/Kg		Analysis Date: 11/30/2005		Prep Date: 11/29/2005	
Client ID:		Run ID: THOR_051130A		PQL		SPK value SPK Ref Val		%REC		LowLimit HighLimit RPD Ref Val	
Analyte		Result		PQL		SPK value		%REC		LowLimit HighLimit RPD Ref Val	
Benzene	1.154	0.05	1	0	0	115	80.8	132	0		
Toluene	0.9824	0.05	1	0	0	98.2	72.1	126	0		
Chlorobenzene	1.101	0.05	1	0	0	110	83	124	0		
1,1-Dichloroethene	1.071	0.05	1	0	0	107	59	147	0		
Trichloroethene (TCE)	0.8717	0.05	1	0	0	87.2	77.2	123	0		
Sample ID: LCS-9294		Batch ID: 9294		Test Code: SW8270C		Units: mg/Kg		Analysis Date: 12/8/2005		Prep Date: 11/30/2005	
Client ID:		Run ID: ELMO_051208A		PQL		SPK value SPK Ref Val		%REC		LowLimit HighLimit RPD Ref Val	
Analyte		Result		PQL		SPK value		%REC		LowLimit HighLimit RPD Ref Val	
Acenaphthene	1.231	0.2	1.67	0	0	73.7	24	125	0		
4-Chloro-3-methylphenol	2.382	0.2	3.33	0	0	71.5	14.6	154	0		
2-Chlorophenol	2.083	0.2	3.33	0	0	62.6	13.3	149	0		
1,4-Dichlorobenzene	1.001	0.2	1.67	0	0	59.9	23.6	118	0		
2,4-Dinitrotoluene	1.17	0.2	1.67	0	0	70.1	28	136	0		
N-Nitrosodi-n-propylamine	1.152	0.2	1.67	0	0	69.0	28	114	0		
4-Nitrophenol	2.197	0.2	3.33	0	0	66.0	13.1	150	0		
Pentachlorophenol	1.796	0.5	3.33	0	0	53.9	20.1	139	0		
Phenol	1.968	0.2	3.33	0	0	59.1	17.3	141	0		
Pyrene	1.389	0.2	1.67	0	0	83.2	29	131	0		
1,2,4-Trichlorobenzene	1.039	0.2	1.67	0	0	62.2	17.9	126	0		

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Respec  
 Work Order: 0511272  
 Project: Eunice General Petroleum

**QC SUMMARY REPORT**  
 Laboratory Control Spike Duplicate

Sample ID: LCSD-9294	Batch ID: 9294	Test Code: SW8270C	Units: mg/Kg	Analysis Date: 12/8/2005	Prep Date: 11/30/2005
Client ID:		Run ID: ELMO_051208A		SeqNo: 430444	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Acenaphthene	1.29	0.2	1.67	0	77.2
4-Chloro-3-methylphenol	2.29	0.2	3.33	0	68.8
2-Chlorophenol	2.097	0.2	3.33	0	63.0
1,4-Dichlorobenzene	1.014	0.2	1.67	0	60.7
2,4-Dinitrotoluene	1.21	0.2	1.67	0	72.4
N-Nitrosodi-n-propylamine	1.119	0.2	1.67	0	67.0
4-Nitrophenol	2.385	0.2	3.33	0	71.6
Pentachlorophenol	1.819	0.5	3.33	0	54.6
Phenol	1.976	0.2	3.33	0	59.3
Pyrene	1.355	0.2	1.67	0	81.1
1,2,4-Trichlorobenzene	1.097	0.2	1.67	0	65.7

Qualifiers:  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
 J }

# Hall Environmental Analysis Laboratory

## Sample Receipt Checklist

Client Name RESPEC

Work Order Number 0511272

Date and Time Received:

11/29/2005

Checklist completed by

Signature

Received by

GLS

11/29/05  
Date

Matrix

Carrier name

Client drop-off

Shipping container/cooler in good condition? Yes  No  Not Present

Custody seals intact on shipping container/cooler? Yes  No  Not Present  Not Shipped

Custody seals intact on sample bottles? Yes  No  N/A

Chain of custody present? Yes  No

Chain of custody signed when relinquished and received? Yes  No

Chain of custody agrees with sample labels? Yes  No

Samples in proper container/bottle? Yes  No

Sample containers intact? Yes  No

Sufficient sample volume for indicated test? Yes  No

All samples received within holding time? Yes  No

Water - VOA vials have zero headspace? No VOA vials submitted  Yes  No

Water - pH acceptable upon receipt? Yes  No  N/A

Container/Temp Blank temperature? **12°** *4° C ± 2 Acceptable*  
If given sufficient time to cool.

### COMMENTS:

Client contacted

Date contacted:

Person contacted

Contacted by:

Regarding

Comments:

Corrective Action





## COVER LETTER

December 16, 2005

Dave Henard  
Respec  
4775 Indian School Rd., NE Suite 300  
Albuquerque, NM 87110  
TEL: (505) 268-2661  
FAX (505) 268-0040

RE: General Petroleum

Order No.: 0512053

Dear Dave Henard:

Hall Environmental Analysis Laboratory received 8 samples on 12/5/2005 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman, Business Manager  
Nancy McDuffie, Laboratory Manager



# Hall Environmental Analysis Laboratory

Date: 16-Dec-05

CLIENT: Respec  
Project: General Petroleum  
Lab Order: 0512053

## CASE NARRATIVE

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Analytical Comments for METHOD 8021BTEX\_S, SAMPLE 0512053-05a: Elevated surrogate due to matrix interference.

Analytical Comments for METHOD 8015GRO\_S, SAMPLE 0512053-05a: Elevated surrogate due to matrix interference.

Analytical Comments for METHOD 8015DRO\_S, SAMPLE 0512053-05A: DNOP not recovered due to dilution

# Hall Environmental Analysis Laboratory

Date: 16-Dec-05

CLIENT: Respec  
Lab Order: 0512053  
Project: General Petroleum  
Lab ID: 0512053-01

Client Sample ID: Bottom West @ 8' B  
Collection Date: 12/1/2005 10:30:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	12	1.5		mg/kg	5	12/15/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/10/2005 2:34:39 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/10/2005 2:34:39 PM
Surr: DNOP	88.2	60-124		%REC	1	12/10/2005 2:34:39 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/6/2005 2:04:14 PM
Surr: BFB	97.8	83.1-124		%REC	1	12/6/2005 2:04:14 PM
<b>EPA METHOD 8021B: VOLATILES</b>						
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	12/6/2005 2:04:14 PM
Benzene	ND	0.025		mg/Kg	1	12/6/2005 2:04:14 PM
Toluene	ND	0.025		mg/Kg	1	12/6/2005 2:04:14 PM
Ethylbenzene	ND	0.025		mg/Kg	1	12/6/2005 2:04:14 PM
Xylenes, Total	ND	0.025		mg/Kg	1	12/6/2005 2:04:14 PM
Surr: 4-Bromofluorobenzene	99.1	87.5-115		%REC	1	12/6/2005 2:04:14 PM

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 16-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0512053  
**Project:** General Petroleum  
**Lab ID:** 0512053-02

**Client Sample ID:** Bottom Central @ 8' B  
**Collection Date:** 12/1/2005 10:45:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	5.0	0.30		mg/kg	1	12/15/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	47	10		mg/Kg	1	12/10/2005 3:07:07 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/10/2005 3:07:07 PM
Surr: DNOP	77.0	60-124		%REC	1	12/10/2005 3:07:07 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/6/2005 2:34:14 PM
Surr: BFB	101	83.1-124		%REC	1	12/6/2005 2:34:14 PM
<b>EPA METHOD 8021B: VOLATILES</b>						
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	12/6/2005 2:34:14 PM
Benzene	ND	0.025		mg/Kg	1	12/6/2005 2:34:14 PM
Toluene	ND	0.025		mg/Kg	1	12/6/2005 2:34:14 PM
Ethylbenzene	ND	0.025		mg/Kg	1	12/6/2005 2:34:14 PM
Xylenes, Total	ND	0.025		mg/Kg	1	12/6/2005 2:34:14 PM
Surr: 4-Bromofluorobenzene	101	87.5-115		%REC	1	12/6/2005 2:34:14 PM

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 16-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0512053  
**Project:** General Petroleum  
**Lab ID:** 0512053-03

**Client Sample ID:** Bottom Central @ 8' A  
**Collection Date:** 12/1/2005 11:00:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	740	3.0		mg/kg	10	Analyst: MAP 12/15/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	19	10		mg/Kg	1	Analyst: SCC 12/10/2005 3:39:38 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/10/2005 3:39:38 PM
Sur: DNOP	77.8	60-124		%REC	1	12/10/2005 3:39:38 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	Analyst: NSB 12/6/2005 8:03:38 PM
Sur: BFB	102	83.1-124		%REC	1	12/6/2005 8:03:38 PM
<b>EPA METHOD 8021B: VOLATILES</b>						
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	Analyst: NSB 12/6/2005 8:03:38 PM
Benzene	ND	0.025		mg/Kg	1	12/6/2005 8:03:38 PM
Toluene	ND	0.025		mg/Kg	1	12/6/2005 8:03:38 PM
Ethylbenzene	ND	0.025		mg/Kg	1	12/6/2005 8:03:38 PM
Xylenes, Total	ND	0.025		mg/Kg	1	12/6/2005 8:03:38 PM
Sur: 4-Bromofluorobenzene	105	87.5-115		%REC	1	12/6/2005 8:03:38 PM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level  
S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 16-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0512053  
**Project:** General Petroleum  
**Lab ID:** 0512053-04

**Client Sample ID:** Ramp East @ 5'  
**Collection Date:** 12/1/2005 1:15:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	130	1.5		mg/kg	5	12/15/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/14/2005 3:38:36 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/14/2005 3:38:36 AM
Sur: DNOP	65.1	60-124		%REC	1	12/14/2005 3:38:36 AM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/6/2005 3:04:14 PM
Sur: BFB	98.2	83.1-124		%REC	1	12/6/2005 3:04:14 PM
<b>EPA METHOD 8021B: VOLATILES</b>						
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	12/6/2005 3:04:14 PM
Benzene	ND	0.025		mg/Kg	1	12/6/2005 3:04:14 PM
Toluene	ND	0.025		mg/Kg	1	12/6/2005 3:04:14 PM
Ethylbenzene	ND	0.025		mg/Kg	1	12/6/2005 3:04:14 PM
Xylenes, Total	ND	0.025		mg/Kg	1	12/6/2005 3:04:14 PM
Sur: 4-Bromofluorobenzene	99.9	87.5-115		%REC	1	12/6/2005 3:04:14 PM

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 16-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0512053  
**Project:** General Petroleum  
**Lab ID:** 0512053-05

**Client Sample ID:** RIM East @ 1'  
**Collection Date:** 12/1/2005 1:30:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	1000	3.0		mg/kg	10	12/15/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	19000	500		mg/Kg	50	12/10/2005 8:00:42 PM
Motor Oil Range Organics (MRO)	9700	2500		mg/Kg	50	12/10/2005 8:00:42 PM
Surr: DNOP	0	60-124	S	%REC	50	12/10/2005 8:00:42 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	80	25		mg/Kg	5	12/6/2005 8:33:31 PM
Surr: BFB	142	83.1-124	S	%REC	5	12/6/2005 8:33:31 PM
<b>EPA METHOD 8021B: VOLATILES</b>						
Methyl tert-butyl ether (MTBE)	ND	0.50		mg/Kg	5	12/6/2005 8:33:31 PM
Benzene	ND	0.13		mg/Kg	5	12/6/2005 8:33:31 PM
Toluene	0.56	0.13		mg/Kg	5	12/6/2005 8:33:31 PM
Ethylbenzene	1.1	0.13		mg/Kg	5	12/6/2005 8:33:31 PM
Xylenes, Total	3.5	0.13		mg/Kg	5	12/6/2005 8:33:31 PM
Surr: 4-Bromofluorobenzene	119	87.5-115	S	%REC	5	12/6/2005 8:33:31 PM

**Qualifiers:**

ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 16-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0512053  
**Project:** General Petroleum  
**Lab ID:** 0512053-06

**Client Sample ID:** Bottom North @ 8'  
**Collection Date:** 12/1/2005 2:15:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	200	1.5		mg/kg	5	12/15/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/10/2005 8:33:30 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/10/2005 8:33:30 PM
Sur: DNOP	84.9	60-124		%REC	1	12/10/2005 8:33:30 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/6/2005 9:33:47 PM
Sur: BFB	99.6	83.1-124		%REC	1	12/6/2005 9:33:47 PM
<b>EPA METHOD 8021B: VOLATILES</b>						
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	12/6/2005 9:33:47 PM
Benzene	ND	0.025		mg/Kg	1	12/6/2005 9:33:47 PM
Toluene	ND	0.025		mg/Kg	1	12/6/2005 9:33:47 PM
Ethylbenzene	ND	0.025		mg/Kg	1	12/6/2005 9:33:47 PM
Xylenes, Total	ND	0.025		mg/Kg	1	12/6/2005 9:33:47 PM
Sur: 4-Bromofluorobenzene	102	87.5-115		%REC	1	12/6/2005 9:33:47 PM

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 16-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0512053  
**Project:** General Petroleum  
**Lab ID:** 0512053-07

**Client Sample ID:** Ramp Middle @ 5'  
**Collection Date:** 12/2/2005 9:30:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	830	3.0		mg/kg	10	12/15/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/10/2005 9:06:50 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/10/2005 9:06:50 PM
Surr: DNOP	67.9	60-124		%REC	1	12/10/2005 9:06:50 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/6/2005 3:34:13 PM
Surr: BFB	97.2	83.1-124		%REC	1	12/6/2005 3:34:13 PM
<b>EPA METHOD 8021B: VOLATILES</b>						
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	12/6/2005 3:34:13 PM
Benzene	ND	0.025		mg/Kg	1	12/6/2005 3:34:13 PM
Toluene	ND	0.025		mg/Kg	1	12/6/2005 3:34:13 PM
Ethylbenzene	ND	0.025		mg/Kg	1	12/6/2005 3:34:13 PM
Xylenes, Total	ND	0.025		mg/Kg	1	12/6/2005 3:34:13 PM
Surr: 4-Bromofluorobenzene	99.9	87.5-115		%REC	1	12/6/2005 3:34:13 PM

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 16-Dec-05

CLIENT: Respec  
Lab Order: 0512053  
Project: General Petroleum  
Lab ID: 0512053-08

Client Sample ID: Ramp West @ 2'  
Collection Date: 12/2/2005 10:00:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	
<b>EPA METHOD 9056A: ANIONS</b>							
Chloride	20	0.30		mg/kg	1	12/15/2005	Analyst: MAP
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>							
Diesel Range Organics (DRO)	320	10		mg/Kg	1	12/14/2005 6:23:00 AM	Analyst: SCC
Motor Oil Range Organics (MRO)	630	50		mg/Kg	1	12/14/2005 6:23:00 AM	
Surr: DNOP	108	60-124		%REC	1	12/14/2005 6:23:00 AM	
<b>EPA METHOD 8015B: GASOLINE RANGE</b>							
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/6/2005 4:04:05 PM	Analyst: NSB
Surr: BFB	100	83.1-124		%REC	1	12/6/2005 4:04:05 PM	
<b>EPA METHOD 8021B: VOLATILES</b>							
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	12/6/2005 4:04:05 PM	Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	12/6/2005 4:04:05 PM	
Toluene	ND	0.025		mg/Kg	1	12/6/2005 4:04:05 PM	
Ethylbenzene	ND	0.025		mg/Kg	1	12/6/2005 4:04:05 PM	
Xylenes, Total	ND	0.025		mg/Kg	1	12/6/2005 4:04:05 PM	
Surr: 4-Bromofluorobenzene	100	87.5-115		%REC	1	12/6/2005 4:04:05 PM	

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 16-Dec-05

## QC SUMMARY REPORT

Method Blank

CLIENT: Respec  
Work Order: 0512053  
Project: General Petroleum

Sample ID: MB-9350	Batch ID: 9350	Test Code: E890	Units: mg/L	Analysis Date: 12/15/2005			Prep Date: 12/7/2005				
Client ID:		Run ID: LC_051214A		SeqNo:	432459						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloride	ND	0.3									
Sample ID: MB-9337	Batch ID: 9337	Test Code: SW8015	Units: mg/Kg	Analysis Date: 12/9/2005 11:07:29 PM			Prep Date: 12/6/2005				
Client ID:		Run ID: FID(17A) 2_051208A		SeqNo:	430637						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPD Limit	Qual
Diesel Range Organics (DRO)	ND	10									
Motor Oil Range Organics (MRO)	ND	50									
Surr: DNOP	8.76	0	10	0	87.6	60	124	0			
Sample ID: MB-9348	Batch ID: 9348	Test Code: SW8015	Units: mg/Kg	Analysis Date: 12/10/2005 4:12:07 PM			Prep Date: 12/7/2005				
Client ID:		Run ID: FID(17A) 2_051210A		SeqNo:	430712						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPD Limit	Qual
Diesel Range Organics (DRO)	ND	10									
Motor Oil Range Organics (MRO)	ND	50									
Surr: DNOP	8.053	0	10	0	80.5	60	124	0			
Sample ID: mb-9330	Batch ID: 9330	Test Code: SW8015	Units: mg/Kg	Analysis Date: 12/6/2005 11:04:08 AM			Prep Date: 12/5/2005				
Client ID:		Run ID: P1DFID_051206A		SeqNo:	429235						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPD Limit	Qual
Gasoline Range Organics (GRO)	ND	5									
Surr: BFB	947.4	0	1000	0	94.7	83.1	124	0			

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

# QC SUMMARY REPORT

Method Blank

CLIENT:	Respec
Work Order:	0512053
Project:	General Petroleum
<hr/>	
Sample ID: mb-9330	Batch ID: 9330
Client ID:	Test Code: SW8021
Analyte	Run ID: P1DFID_051206A
Methyl tert-butyl ether (MTBE)	Result
Benzene	PQL
Toluene	SPK value
Ethylbenzene	SPK Ref Val
Xylenes, Total	%REC
Surr: 4-Bromofluorobenzene	LowLimit
	HighLimit
	RPD Ref Val
	%RPD
	RPDLimit
	Qual

Sample ID: mb-9330	Batch ID: 9330	Test Code: SW8021	Units: mg/Kg	Analysis Date: 12/6/2005 11:04:08 AM	Prep Date: 12/5/2005
Client ID:	Run ID:	P1DFID_051206A	SeqNo:	429150	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Methyl tert-butyl ether (MTBE)	ND	0.1			
Benzene	ND	0.025			
Toluene	ND	0.025			
Ethylbenzene	ND	0.025			
Xylenes, Total	ND	0.025			
Surr: 4-Bromofluorobenzene	0.9825	0	1	98.2	87.5
			0	98.2	87.5
			1	115	0

Qualifiers:  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
J - Analyte detected in the associated Method Blank

# Hall Environmental Analysis Laboratory

Date: 16-Dec-05

## QC SUMMARY REPORT

Sample Matrix Spike

CLIENT: Respec  
 Work Order: 0512053  
 Project: General Petroleum

Sample ID:	Batch ID:	Test Code:	Units:	Analysis Date:	Prep Date:					
Client ID:		Run ID:	mg/Kg	12/10/2005 6:55:08 PM	12/7/2005					
Analyte		PQL	SPK value	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPD Limit	Qual
Diesel Range Organics (DRO)	52.19	10	50	0	104	67.4	117	0		
Surf: DNOP	4.562	0	5	0	91.2	74	125	0		
Sample ID:	Batch ID:	Test Code:	Units:	Analysis Date:	Prep Date:					
Client ID:		Run ID:	mg/Kg	12/10/2005 7:27:55 PM	12/7/2005					
Analyte		PQL	SPK value	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPD Limit	Qual
Diesel Range Organics (DRO)	45.12	10	50	0	90.2	67.4	117	52.19	14.5	17.4
Surf: DNOP	4.004	0	5	0	80.1	74	125	4.562	13.0	0
Sample ID:	Batch ID:	Test Code:	Units:	Analysis Date:	Prep Date:					
Client ID:		Run ID:	mg/Kg	12/6/2005 5:03:50 PM	12/5/2005					
Analyte		PQL	SPK value	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPD Limit	Qual
Gasoline Range Organics (GRO)	25.46	5	25	0	102	84	120	0		
Surf: BFB	1105	0	1000	0	110	83.1	124	0		
Sample ID:	Batch ID:	Test Code:	Units:	Analysis Date:	Prep Date:					
Client ID:		Run ID:	mg/Kg	12/6/2005 6:03:44 PM	12/5/2005					
Analyte		PQL	SPK value	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPD Limit	Qual
Gasoline Range Organics (GRO)	25.83	5	25	0	103	84	120	25.46	1.44	11.6
Surf: BFB	1127	0	1000	0	113	83.1	124	1105	1.99	0

12 / 16

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
 J

CLIENT: Respec  
 Work Order: 0512053  
 Project: General Petroleum

**QC SUMMARY REPORT**  
 Sample Matrix Spike

Sample ID: 0512053-02a msd		Batch ID: 9330		Test Code: SW8021		Units: mg/Kg		Analysis Date: 12/6/2005 5:03:50 PM		Prep Date: 12/5/2005		
Client ID:	Bottom Central @	Run ID:	PIDFID_051206A	%REC	SPK value	SPK Ref Val	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	SeqNo:	429193		
Methyl tert-butyl ether (MTBE)	1.723	0.1	2	0	86.2	65	132	0				
Benzene	0.4397	0.025	0.42	0	105	85.6	116	0				
Toluene	2.156	0.025	1.9	0	113	82.4	120	0				
Ethylbenzene	0.4258	0.025	0.41	0	104	86.4	111	0				
Xylenes, Total	2.162	0.025	1.9	0	114	78.4	125	0				
Surf: 4-Bromofluorobenzene	1.091	0	1	0	109	87.5	115	0				
Sample ID: 0512053-02a msd		Batch ID: 9330		Test Code: SW8021		Units: mg/Kg		Analysis Date: 12/6/2005 6:03:44 PM		Prep Date: 12/5/2005		
Client ID:	Bottom Central @	Run ID:	PIDFID_051206A	%REC	SPK value	SPK Ref Val	LowLimit	HighLimit	RPD Ref Val	SeqNo:	429216	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val				
Methyl tert-butyl ether (MTBE)	1.885	0.1	2	0	94.2	65	132	1.723		8.96	28	
Benzene	0.4488	0.025	0.42	0	107	85.6	116	0.4397		2.07	27	
Toluene	2.232	0.025	1.9	0	117	82.4	120	2.156		3.48	19	
Ethylbenzene	0.4349	0.025	0.41	0	106	86.4	111	0.4258		2.13	10	
Xylenes, Total	2.201	0.025	1.9	0	116	78.4	125	2.162		1.76	13	
Surf: 4-Bromofluorobenzene	1.102	0	1	0	110	87.5	115	1.091		0.990	0	

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
 2

# Hall Environmental Analysis Laboratory

Date: /6-Dec-05

## QC SUMMARY REPORT

Laboratory Control Spike - generic

**CLIENT:** Respec  
**Work Order:** 0512053  
**Project:** General Petroleum

Sample ID: LCS-9350	Batch ID: 9350	Test Code: E300	Units: mg/L	Analysis Date: 12/15/2005			Prep Date: 12/7/2005				
Client ID:		Run ID: LC_051214A		SeqNo:	432460						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	14.42	0.3	15	0	96.2	90	110	0			
Sample ID: LCSD-9337	Batch ID: 9337	Test Code: SW8015	Units: mg/Kg	Analysis Date: 12/9/2005 11:40:31 PM			Prep Date: 12/6/2005				
Client ID:		Run ID: FID(17A) 2_051208A		SeqNo:	430638						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	54.66	10	50	0	109	67.4	117	0			
Sample ID: LCSD-9337	Batch ID: 9337	Test Code: SW8015	Units: mg/Kg	Analysis Date: 12/10/2005 12:13:33 A			Prep Date: 12/6/2005				
Client ID:		Run ID: FID(17A) 2_051208A		SeqNo:	430639						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRC)	53.17	10	50	0	106	67.4	117	54.66	2.76	17.4	
Sample ID: LCS-9348	Batch ID: 9348	Test Code: SW8015	Units: mg/Kg	Analysis Date: 12/10/2005 4:44:33 PM			Prep Date: 12/7/2005				
Client ID:		Run ID: FID(17A) 2_051210A		SeqNo:	430713						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50.72	10	50	0	101	67.4	117	0			
Sample ID: LCSD-9348	Batch ID: 9348	Test Code: SW8015	Units: mg/Kg	Analysis Date: 12/10/2005 5:17:02 PM			Prep Date: 12/7/2005				
Client ID:		Run ID: FID(17A) 2_051210A		SeqNo:	430715						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47.76	10	50	0	95.5	67.4	117	50.72	6.02	17.4	

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
/

**QC SUMMARY REPORT**  
Laboratory Control Spike - generic

CLIENT: Respec  
Work Order: 0512053  
Project: General Petroleum

Sample ID:	Ics-9330	Batch ID:	9330	Test Code:	SW8015	Units:	mg/Kg	Analysis Date:	12/6/2005 11:34:26 AM	Prep Date:	12/5/2005	
Client ID:		Run ID:	PIIDFID_051206A	SeqNo:	429237							
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26.46	5	25	0	0	106	84	120	0			
Sample ID:	Ics-9330	Batch ID:	9330	Test Code:	SW8021	Units:	mg/Kg	Analysis Date:	12/6/2005 11:34:26 AM	Prep Date:	12/5/2005	
Client ID:		Run ID:	PIIDFID_051206A	SeqNo:	429153							
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	1.749	0.1	2	0	0	87.5	65	132	0			
Benzene	0.4502	0.025	0.42	0	0	107	85.6	116	0			
Toluene	2.242	0.025	1.9	0	0	118	82.4	120	0			
Ethylbenzene	0.4311	0.025	0.41	0	0	105	86.4	111	0			
Xylenes, Total	2.235	0.025	1.9	0	0	118	78.4	125	0			

Qualifiers:  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

# Hall Environmental Analysis Laboratory

## Sample Receipt Checklist

Client Name RESPEC

Date and Time Received:

12/5/2005

Work Order Number 0512053

Received by AT

Checklist completed by

Signature

*John*

*12/5/05*

Date

Matrix

Carrier name Client drop-off

Shipping container/cooler in good condition? Yes  No  Not Present

Custody seals intact on shipping container/cooler? Yes  No  Not Present  Not Shipped

Custody seals intact on sample bottles? Yes  No  N/A

Chain of custody present? Yes  No

Chain of custody signed when relinquished and received? Yes  No

Chain of custody agrees with sample labels? Yes  No

Samples in proper container/bottle? Yes  No

Sample containers intact? Yes  No

Sufficient sample volume for indicated test? Yes  No

All samples received within holding time? Yes  No

Water - VOA vials have zero headspace? No VOA vials submitted  Yes  No

Water - pH acceptable upon receipt? Yes  No  N/A

Container/Temp Blank temperature? 5° 4° C ± 2 Acceptable  
If given sufficient time to cool.

### COMMENTS:

Client contacted

Date contacted:

Person contacted

Contacted by:

Regarding

Comments:

Corrective Action

# CHAIN-OF-CUSTODY RECORD

Client: *R E S P E C T*

Other:

Project Name: **GENERAL PETROLEUM**

QA/QC Package:  
 Std    Level 4  

**HALL ENVIRONMENTAL  
ANALYSIS LABORATORY**

4901 Hawkins NE, Suite D  
Albuquerque, New Mexico 87109  
Tel. 505.345.3975 Fax 505.345.4107  
[www.hallenvironmental.com](http://www.hallenvironmental.com)

**ANALYSIS REQUEST**Address: **4775 Indian School Rd NE**  
**Albuquerque, NM 87110**

Project Manager:

*Dave Henrie*Sampler: *Heaven*Sample Temperature: **5°**Project #: **1554**Phone #: **268 2661**Fax #: **268 0040**

ANALYSIS REQUEST									
Air Bubbles or Headspace (Y or N)									
8270 (Semi-VOA)									
8260B (VOA)									
8081 Pesticides / PCB's (8082)									
Anions (F, Cl, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )									
RCRA 8 Metals									
8310 (PNA or PAH)									
EDC (Method 8021)									
EDB (Method 504.11)									
TPH (Method 418.1)									
TPH Method 8015B (Gas/Diesel)									
BTEX + MTBE + TPH (Gasoline Only)									
BTEX + MTBE + TMB's (8021)									

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative		HEAL No.
					HgCl <sub>2</sub>	HNO <sub>3</sub>	
12/1	10:36	50:1	Bottom West @ 8' B	/ - 402			0512253-1
12/1	10:45	50:1	Bottom Central @ 8' B	/ - 402			-2
12/1	11:00	50:1	Bottom Central @ 8' A	/ - 402			-3
12/1	11:15	50:1	Ramp East @ 5'	/ - 402			-4
12/1	1:30	50:1	Rim East @ 1'	/ - 402			-5
12/1	2:15	50:1	Bottom North @ 8'	/ - 402			-6
12/2	5:30	50:1	Ramp Middle @ 5'	/ - 402			-7
12/2	10:00	50:1	Ramp West @ 2'	/ - 402			-8

Date: **12/15/95** Time: **8:45** Relinquished By: (Signature) ***Dan*** Received By: (Signature) ***Jillifice***  
 Date: **12/15/95** Time: **8:45** Relinquished By: (Signature) ***Jillifice*** Received By: (Signature) ***C. 849***

Remarks:



## COVER LETTER

December 09, 2005

John Bunch  
Respec  
4775 Indian School Rd., NE Suite 300  
Albuquerque, NM 87110  
TEL: (505) 268-2661  
FAX (505) 268-0040

RE: General Petroleum

Order No.: 0511175

Dear John Bunch:

Hall Environmental Analysis Laboratory received 43 samples on 11/16/2005 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman, Business Manager  
Nancy McDuffie, Laboratory Manager



# Ball Environmental Analysis Laboratory

Date: 12-Dec-05

CLIENT: Respec  
Project: General Petroleum  
Lab Order: 0511175

## CASE NARRATIVE

---

"S" flags denote that the surrogate was not recoverable due to sample dilution or matrix interferences.

Method 300.0 Soil: Low recovery for Cl in 0511175-20 MSD. Possible matrix interference. Sample required dilution before analysis. IN36-05232

# All Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-01

**Client Sample ID:** SB15@39-44'

**Collection Date:** 11/12/2005 2:20:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	4.5	1.5		mg/kg	5	12/2/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/27/2005 4:03:05 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/27/2005 4:03:05 PM
Surr: DNOP	103	60-124		%REC	1	11/27/2005 4:03:05 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/22/2005 7:05:47 PM
Surr: BFB	102	83.1-124		%REC	1	11/22/2005 7:05:47 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/20/2005
Toluene	ND	0.050		mg/Kg	1	11/20/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/20/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/20/2005
Naphthalene	ND	0.10		mg/Kg	1	11/20/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
Acetone	ND	0.75		mg/Kg	1	11/20/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/20/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromoform	ND	0.050		mg/Kg	1	11/20/2005
Bromomethane	ND	0.10		mg/Kg	1	11/20/2005
2-Butanone	ND	0.50		mg/Kg	1	11/20/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/20/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/20/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Chloroethane	ND	0.10		mg/Kg	1	11/20/2005
Chloroform	ND	0.050		mg/Kg	1	11/20/2005
Chloromethane	ND	0.050		mg/Kg	1	11/20/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/20/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/20/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Tall Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-01

**Client Sample ID:** SB15@39-44'

**Collection Date:** 11/12/2005 2:20:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/20/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/20/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/20/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/20/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/20/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/20/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/20/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/20/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Styrene	ND	0.050		mg/Kg	1	11/20/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/20/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/20/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/20/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/20/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/20/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/20/2005
Surr: 1,2-Dichloroethane-d4	95.5	74.2-135		%REC	1	11/20/2005
Surr: 4-Bromofluorobenzene	97.0	72.9-143		%REC	1	11/20/2005
Surr: Dibromofluoromethane	95.7	76.9-138		%REC	1	11/20/2005
Surr: Toluene-d8	80.1	70-126		%REC	1	11/20/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# All Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-02

**Client Sample ID:** SB16@29-34'

**Collection Date:** 11/12/2005 3:28:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	24	0.30		mg/kg	1	12/3/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/27/2005 5:41:21 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/27/2005 5:41:21 PM
Surr: DNOP	97.9	60-124		%REC	1	11/27/2005 5:41:21 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/22/2005 7:36:18 PM
Surr: BFB	101	83.1-124		%REC	1	11/22/2005 7:36:18 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/20/2005
Toluene	ND	0.050		mg/Kg	1	11/20/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/20/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/20/2005
Naphthalene	ND	0.10		mg/Kg	1	11/20/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
Acetone	ND	0.75		mg/Kg	1	11/20/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/20/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromoform	ND	0.050		mg/Kg	1	11/20/2005
Bromomethane	ND	0.10		mg/Kg	1	11/20/2005
2-Butanone	ND	0.50		mg/Kg	1	11/20/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/20/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/20/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Chloroethane	ND	0.10		mg/Kg	1	11/20/2005
Chloroform	ND	0.050		mg/Kg	1	11/20/2005
Chloromethane	ND	0.050		mg/Kg	1	11/20/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/20/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/20/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# Hall Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-02

Client Sample ID: SB16@29-34'

Collection Date: 11/12/2005 3:28:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/20/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/20/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/20/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/20/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/20/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/20/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/20/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/20/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Styrene	ND	0.050		mg/Kg	1	11/20/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/20/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/20/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/20/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/20/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/20/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/20/2005
Surr: 1,2-Dichloroethane-d4	100	74.2-135		%REC	1	11/20/2005
Surr: 4-Bromofluorobenzene	92.0	72.9-143		%REC	1	11/20/2005
Surr: Dibromofluoromethane	97.3	76.9-138		%REC	1	11/20/2005
Surr: Toluene-d8	77.6	70-126		%REC	1	11/20/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# Small Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-03

**Client Sample ID:** SB16@44-49'

**Collection Date:** 11/12/2005 3:56:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	16	1.5		mg/kg	5	12/2/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/27/2005 6:14:04 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/27/2005 6:14:04 PM
Surr: DNOP	102	60-124		%REC	1	11/27/2005 6:14:04 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/22/2005 8:06:40 PM
Surr: BFB	107	83.1-124		%REC	1	11/22/2005 8:06:40 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/20/2005
Toluene	ND	0.050		mg/Kg	1	11/20/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/20/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/20/2005
Naphthalene	ND	0.10		mg/Kg	1	11/20/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
Acetone	ND	0.75		mg/Kg	1	11/20/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/20/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromoform	ND	0.050		mg/Kg	1	11/20/2005
Bromomethane	ND	0.10		mg/Kg	1	11/20/2005
2-Butanone	ND	0.50		mg/Kg	1	11/20/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/20/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/20/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Chloroethane	ND	0.10		mg/Kg	1	11/20/2005
Chloroform	ND	0.050		mg/Kg	1	11/20/2005
Chloromethane	ND	0.050		mg/Kg	1	11/20/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/20/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/20/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 09-Dec-05

Client Sample ID: SB16@44-49'

Collection Date: 11/12/2005 3:56:00 PM

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-03

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/20/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/20/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/20/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/20/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/20/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/20/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/20/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/20/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Styrene	ND	0.050		mg/Kg	1	11/20/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/20/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/20/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/20/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/20/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/20/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/20/2005
Surr: 1,2-Dichloroethane-d4	99.3	74.2-135		%REC	1	11/20/2005
Surr: 4-Bromofluorobenzene	103	72.9-143		%REC	1	11/20/2005
Surr: Dibromofluoromethane	98.8	76.9-138		%REC	1	11/20/2005
Surr: Toluene-d8	79.5	70-126		%REC	1	11/20/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

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# Ball Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-04

Client Sample ID: SB17@29-34\*  
 Collection Date: 11/13/2005 8:00:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	18	1.5		mg/kg	5	12/2/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/27/2005 7:19:14 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/27/2005 7:19:14 PM
Surr: DNOP	101	60-124		%REC	1	11/27/2005 7:19:14 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/22/2005 8:36:56 PM
Surr: BFB	105	83.1-124		%REC	1	11/22/2005 8:36:56 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/20/2005
Toluene	ND	0.050		mg/Kg	1	11/20/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/20/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/20/2005
Naphthalene	ND	0.10		mg/Kg	1	11/20/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
Acetone	ND	0.75		mg/Kg	1	11/20/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/20/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromoform	ND	0.050		mg/Kg	1	11/20/2005
Bromomethane	ND	0.10		mg/Kg	1	11/20/2005
2-Butanone	ND	0.50		mg/Kg	1	11/20/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/20/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/20/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Chloroethane	ND	0.10		mg/Kg	1	11/20/2005
Chloroform	ND	0.050		mg/Kg	1	11/20/2005
Chloromethane	ND	0.050		mg/Kg	1	11/20/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/20/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/20/2005

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

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# Ball Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-04

Client Sample ID: SB17@29-34'

Collection Date: 11/13/2005 8:00:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/20/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/20/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/20/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/20/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/20/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/20/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/20/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/20/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Styrene	ND	0.050		mg/Kg	1	11/20/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/20/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/20/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/20/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichloropropene	ND	0.10		mg/Kg	1	11/20/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/20/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/20/2005
Surr: 1,2-Dichloroethane-d4	95.8	74.2-135		%REC	1	11/20/2005
Surr: 4-Bromofluorobenzene	116	72.9-143		%REC	1	11/20/2005
Surr: Dibromofluoromethane	103	76.9-138		%REC	1	11/20/2005
Surr: Toluene-d8	80.6	70-126		%REC	1	11/20/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# Ball Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-05

Client Sample ID: SB17@44-49'

Collection Date: 11/13/2005 8:15:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	19	1.5		mg/kg	5	12/2/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/27/2005 7:51:46 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/27/2005 7:51:46 PM
Surr: DNOP	106	60-124		%REC	1	11/27/2005 7:51:46 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/22/2005 9:07:05 PM
Surr: BFB	105	83.1-124		%REC	1	11/22/2005 9:07:05 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/20/2005
Toluene	ND	0.050		mg/Kg	1	11/20/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/20/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/20/2005
Naphthalene	ND	0.10		mg/Kg	1	11/20/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
Acetone	ND	0.75		mg/Kg	1	11/20/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/20/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromoform	ND	0.050		mg/Kg	1	11/20/2005
Bromomethane	ND	0.10		mg/Kg	1	11/20/2005
2-Butanone	ND	0.50		mg/Kg	1	11/20/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/20/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/20/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Chloroethane	ND	0.10		mg/Kg	1	11/20/2005
Chloroform	ND	0.050		mg/Kg	1	11/20/2005
Chloromethane	ND	0.050		mg/Kg	1	11/20/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/20/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/20/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# Ball Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-05

**Client Sample ID:** SB17@44-49'

**Collection Date:** 11/13/2005 8:15:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/20/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/20/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/20/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/20/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/20/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/20/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/20/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/20/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Styrene	ND	0.050		mg/Kg	1	11/20/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/20/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/20/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/20/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/20/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/20/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/20/2005
Surr: 1,2-Dichloroethane-d4	102	74.2-135		%REC	1	11/20/2005
Surr: 4-Bromofluorobenzene	105	72.9-143		%REC	1	11/20/2005
Surr: Dibromofluoromethane	99.4	76.9-138		%REC	1	11/20/2005
Surr: Toluene-d8	77.2	70-126		%REC	1	11/20/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank

\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

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# Jall Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-06

Client Sample ID: SB18@19-24'  
 Collection Date: 11/13/2005 9:10:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	2400	15		mg/L	50	12/8/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/27/2005 8:24:12 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/27/2005 8:24:12 PM
Surr: DNOP	90.1	60-124		%REC	1	11/27/2005 8:24:12 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/22/2005 10:37:09 PM
Surr: BFB	104	83.1-124		%REC	1	11/22/2005 10:37:09 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/20/2005
Toluene	ND	0.050		mg/Kg	1	11/20/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/20/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/20/2005
Naphthalene	ND	0.10		mg/Kg	1	11/20/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
Acetone	ND	0.75		mg/Kg	1	11/20/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/20/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromoform	ND	0.050		mg/Kg	1	11/20/2005
Bromomethane	ND	0.10		mg/Kg	1	11/20/2005
2-Butanone	ND	0.50		mg/Kg	1	11/20/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/20/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/20/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Chloroethane	ND	0.10		mg/Kg	1	11/20/2005
Chloroform	ND	0.050		mg/Kg	1	11/20/2005
Chloromethane	ND	0.050		mg/Kg	1	11/20/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/20/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/20/2005

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# All Environmental Analysis Laboratory

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-06

Date: 09-Dec-05

Client Sample ID: SB18@19-24'

Collection Date: 11/13/2005 9:10:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/20/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/20/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/20/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/20/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/20/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/20/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/20/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/20/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Styrene	ND	0.050		mg/Kg	1	11/20/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/20/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/20/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/20/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/20/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/20/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/20/2005
Surr: 1,2-Dichloroethane-d4	99.7	74.2-135		%REC	1	11/20/2005
Surr: 4-Bromofluorobenzene	109	72.9-143		%REC	1	11/20/2005
Surr: Dibromofluoromethane	101	76.9-138		%REC	1	11/20/2005
Surr: Toluene-d8	80.4	70-126		%REC	1	11/20/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

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# Ball Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-07

**Client Sample ID:** SB18@44-49'

**Collection Date:** 11/13/2005 9:40:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	1700	6.0		mg/L	20	12/8/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/27/2005 8:56:39 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/27/2005 8:56:39 PM
Surr: DNOP	107	60-124		%REC	1	11/27/2005 8:56:39 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/22/2005 11:37:43 PM
Surr: BFB	106	83.1-124		%REC	1	11/22/2005 11:37:43 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/20/2005
Toluene	ND	0.050		mg/Kg	1	11/20/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/20/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/20/2005
Naphthalene	ND	0.10		mg/Kg	1	11/20/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
Acetone	ND	0.75		mg/Kg	1	11/20/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/20/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromoform	ND	0.050		mg/Kg	1	11/20/2005
Bromomethane	ND	0.10		mg/Kg	1	11/20/2005
2-Butanone	ND	0.50		mg/Kg	1	11/20/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/20/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/20/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Chloroethane	ND	0.10		mg/Kg	1	11/20/2005
Chloroform	ND	0.050		mg/Kg	1	11/20/2005
Chloromethane	ND	0.050		mg/Kg	1	11/20/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/20/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/20/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# All Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-07

**Client Sample ID:** SB18@44-49'

**Collection Date:** 11/13/2005 9:40:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/20/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/20/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/20/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/20/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/20/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/20/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/20/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/20/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Styrene	ND	0.050		mg/Kg	1	11/20/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/20/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/20/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/20/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/20/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/20/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/20/2005
Surr: 1,2-Dichloroethane-d4	102	74.2-135		%REC	1	11/20/2005
Surr: 4-Bromofluorobenzene	95.0	72.9-143		%REC	1	11/20/2005
Surr: Dibromofluoromethane	106	76.9-138		%REC	1	11/20/2005
Surr: Toluene-d8	74.5	70-126		%REC	1	11/20/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# All Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-08

Client Sample ID: SB19@9-14'  
 Collection Date: 11/13/2005 10:40:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	1.5	0.30		mg/kg	1	12/2/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/27/2005 9:29:07 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/27/2005 9:29:07 PM
Surr: DNOP	89.4	60-124		%REC	1	11/27/2005 9:29:07 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/23/2005 12:07:48 AM
Surr: BFB	105	83.1-124		%REC	1	11/23/2005 12:07:48 AM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/20/2005
Toluene	ND	0.050		mg/Kg	1	11/20/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/20/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/20/2005
Naphthalene	ND	0.10		mg/Kg	1	11/20/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
Acetone	ND	0.75		mg/Kg	1	11/20/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/20/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromoform	ND	0.050		mg/Kg	1	11/20/2005
Bromomethane	ND	0.10		mg/Kg	1	11/20/2005
2-Butanone	ND	0.50		mg/Kg	1	11/20/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/20/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/20/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Chloroethane	ND	0.10		mg/Kg	1	11/20/2005
Chloroform	ND	0.050		mg/Kg	1	11/20/2005
Chloromethane	ND	0.050		mg/Kg	1	11/20/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/20/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/20/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

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# All Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-08

Client Sample ID: SB19@9-14'

Collection Date: 11/13/2005 10:40:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/20/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/20/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/20/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/20/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/20/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/20/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/20/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/20/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Styrene	ND	0.050		mg/Kg	1	11/20/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/20/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/20/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/20/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/20/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/20/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/20/2005
Surr: 1,2-Dichloroethane-d4	101	74.2-135		%REC	1	11/20/2005
Surr: 4-Bromofluorobenzene	109	72.9-143		%REC	1	11/20/2005
Surr: Dibromofluoromethane	106	76.9-138		%REC	1	11/20/2005
Surr: Toluene-d8	83.4	70-126		%REC	1	11/20/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

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# All Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-09

**Client Sample ID:** SB19@39-44'

**Collection Date:** 11/13/2005 11:15:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	4.5	0.30		mg/kg	1	12/2/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/27/2005 10:01:36 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/27/2005 10:01:36 PM
Surr: DNOP	102	60-124		%REC	1	11/27/2005 10:01:36 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/23/2005 12:38:08 AM
Surr: BFB	99.9	83.1-124		%REC	1	11/23/2005 12:38:08 AM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/20/2005
Toluene	ND	0.050		mg/Kg	1	11/20/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/20/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/20/2005
Naphthalene	ND	0.10		mg/Kg	1	11/20/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
Acetone	ND	0.75		mg/Kg	1	11/20/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/20/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromoform	ND	0.050		mg/Kg	1	11/20/2005
Bromomethane	ND	0.10		mg/Kg	1	11/20/2005
2-Butanone	ND	0.50		mg/Kg	1	11/20/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/20/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/20/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Chloroethane	ND	0.10		mg/Kg	1	11/20/2005
Chloroform	ND	0.050		mg/Kg	1	11/20/2005
Chloromethane	ND	0.050		mg/Kg	1	11/20/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/20/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/20/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Ball Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-09

**Client Sample ID:** SB19@39-44'

**Collection Date:** 11/13/2005 11:15:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/20/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/20/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/20/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/20/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/20/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/20/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/20/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/20/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Styrene	ND	0.050		mg/Kg	1	11/20/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/20/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/20/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/20/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/20/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/20/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/20/2005
Surr: 1,2-Dichloroethane-d4	97.3	74.2-135		%REC	1	11/20/2005
Surr: 4-Bromofluorobenzene	97.1	72.9-143		%REC	1	11/20/2005
Surr: Dibromofluoromethane	98.1	76.9-138		%REC	1	11/20/2005
Surr: Toluene-d8	75.8	70-126		%REC	1	11/20/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

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# Ball Environmental Analysis Laboratory

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-10

**Date:** 09-Dec-05

**Client Sample ID:** SB20@34-39'

**Collection Date:** 11/13/2005 1:35:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	71	0.30		mg/kg	1	12/2/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/27/2005 10:34:06 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/27/2005 10:34:06 PM
Surr: DNOP	102	60-124		%REC	1	11/27/2005 10:34:06 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/23/2005 1:08:26 AM
Surr: BFB	100	83.1-124		%REC	1	11/23/2005 1:08:26 AM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/20/2005
Toluene	ND	0.050		mg/Kg	1	11/20/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/20/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/20/2005
Naphthalene	ND	0.10		mg/Kg	1	11/20/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
Acetone	ND	0.75		mg/Kg	1	11/20/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/20/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromoform	ND	0.050		mg/Kg	1	11/20/2005
Bromomethane	ND	0.10		mg/Kg	1	11/20/2005
2-Butanone	ND	0.50		mg/Kg	1	11/20/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/20/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/20/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Chloropethane	ND	0.10		mg/Kg	1	11/20/2005
Chloroform	ND	0.050		mg/Kg	1	11/20/2005
Chloromethane	ND	0.050		mg/Kg	1	11/20/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/20/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/20/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# Jall Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-10

**Client Sample ID:** SB20@34-39'

**Collection Date:** 11/13/2005 1:35:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/20/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/20/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/20/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/20/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/20/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/20/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/20/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/20/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Styrene	ND	0.050		mg/Kg	1	11/20/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/20/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/20/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/20/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/20/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/20/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/20/2005
Surr: 1,2-Dichloroethane-d4	100	74.2-135		%REC	1	11/20/2005
Surr: 4-Bromofluorobenzene	101	72.9-143		%REC	1	11/20/2005
Surr: Dibromofluoromethane	97.4	76.9-138		%REC	1	11/20/2005
Surr: Toluene-d8	72.1	70-126		%REC	1	11/20/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Small Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-11

Client Sample ID: SB20@44-49'

Collection Date: 11/13/2005 1:50:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	47	0.30		mg/kg	1	12/2/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/27/2005 11:06:32 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/27/2005 11:06:32 PM
Surr: DNOP	99.3	60-124		%REC	1	11/27/2005 11:06:32 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/23/2005 1:38:28 AM
Surr: BFB	106	83.1-124		%REC	1	11/23/2005 1:38:28 AM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/20/2005
Toluene	ND	0.050		mg/Kg	1	11/20/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/20/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/20/2005
Naphthalene	ND	0.10		mg/Kg	1	11/20/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
Acetone	ND	0.75		mg/Kg	1	11/20/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/20/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromoform	ND	0.050		mg/Kg	1	11/20/2005
Bromomethane	ND	0.10		mg/Kg	1	11/20/2005
2-Butanone	ND	0.50		mg/Kg	1	11/20/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/20/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/20/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Chloroethane	ND	0.10		mg/Kg	1	11/20/2005
Chloroform	ND	0.050		mg/Kg	1	11/20/2005
Chloromethane	ND	0.050		mg/Kg	1	11/20/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/20/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/20/2005

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

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# Ball Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-11

**Client Sample ID:** SB20@44-49'

**Collection Date:** 11/13/2005 1:50:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/20/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichloropropáne	ND	0.050		mg/Kg	1	11/20/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/20/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/20/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/20/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/20/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/20/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/20/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/20/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Styrene	ND	0.050		mg/Kg	1	11/20/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/20/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/20/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/20/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/20/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/20/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/20/2005
Surr: 1,2-Dichloroethane-d4	102	74.2-135		%REC	1	11/20/2005
Surr: 4-Bromofluorobenzene	104	72.9-143		%REC	1	11/20/2005
Surr: Dibromofluoromethane	105	76.9-138		%REC	1	11/20/2005
Surr: Toluene-d8	79.8	70-126		%REC	1	11/20/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

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# Ball Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-12

**Client Sample ID:** SB21@39-44'

**Collection Date:** 11/13/2005 3:35:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	93	0.30		mg/kg	1	12/2/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/27/2005 11:39:01 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/27/2005 11:39:01 PM
Surr: DNOP	69.2	60-124		%REC	1	11/27/2005 11:39:01 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/23/2005 2:08:53 AM
Surr: BFB	106	83.1-124		%REC	1	11/23/2005 2:08:53 AM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/20/2005
Toluene	ND	0.050		mg/Kg	1	11/20/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/20/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/20/2005
Naphthalene	ND	0.10		mg/Kg	1	11/20/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
Acetone	ND	0.75		mg/Kg	1	11/20/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/20/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromoform	ND	0.050		mg/Kg	1	11/20/2005
Bromomethane	ND	0.10		mg/Kg	1	11/20/2005
2-Butanone	ND	0.50		mg/Kg	1	11/20/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/20/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/20/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Chloroethane	ND	0.10		mg/Kg	1	11/20/2005
Chloroform	ND	0.050		mg/Kg	1	11/20/2005
Chloromethane	ND	0.050		mg/Kg	1	11/20/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/20/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/20/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

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# All Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-12

**Client Sample ID:** SB21@39-44'

**Collection Date:** 11/13/2005 3:35:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/20/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/20/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/20/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/20/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/20/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/20/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/20/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/20/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Styrene	ND	0.050		mg/Kg	1	11/20/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/20/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/20/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/20/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/20/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/20/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/20/2005
Surr: 1,2-Dichloroethane-d4	97.3	74.2-135		%REC	1	11/20/2005
Surr: 4-Bromofluorobenzene	107	72.9-143		%REC	1	11/20/2005
Surr: Dibromofluoromethane	107	76.9-138		%REC	1	11/20/2005
Surr: Toluene-d8	75.3	70-126		%REC	1	11/20/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# All Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-13

**Client Sample ID:** SB4@19-24'

**Collection Date:** 11/11/2005 7:53:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	3200	15		mg/L	50	12/8/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	3100	100		mg/Kg	10	11/28/2005 9:40:50 AM
Motor Oil Range Organics (MRO)	610	500		mg/Kg	10	11/28/2005 9:40:50 AM
Surr: DNOP	121	60-124		%REC	10	11/28/2005 9:40:50 AM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	130	25		mg/Kg	5	11/22/2005 2:31:12 PM
Surr: BFB	127	83.1-124	S	%REC	5	11/22/2005 2:31:12 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/20/2005
Toluene	ND	0.050		mg/Kg	1	11/20/2005
Ethylbenzene	0.93	0.050		mg/Kg	1	11/20/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/20/2005
1,2,4-Trimethylbenzene	1.6	0.050		mg/Kg	1	11/20/2005
1,3,5-Trimethylbenzene	0.63	0.050		mg/Kg	1	11/20/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/20/2005
Naphthalene	0.25	0.10		mg/Kg	1	11/20/2005
1-Methylnaphthalene	0.39	0.20		mg/Kg	1	11/20/2005
2-Methylnaphthalene	0.46	0.20		mg/Kg	1	11/20/2005
Acetone	ND	0.75		mg/Kg	1	11/20/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/20/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromoform	ND	0.050		mg/Kg	1	11/20/2005
Bromomethane	ND	0.10		mg/Kg	1	11/20/2005
2-Butanone	ND	0.50		mg/Kg	1	11/20/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/20/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/20/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Chloroethane	ND	0.10		mg/Kg	1	11/20/2005
Chloroform	ND	0.050		mg/Kg	1	11/20/2005
Chloromethane	ND	0.050		mg/Kg	1	11/20/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/20/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/20/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

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# All Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-13

**Client Sample ID:** SB4@19-24'

**Collection Date:** 11/11/2005 7:53:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/20/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/20/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/20/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/20/2005
Isopropylbenzene	0.25	0.050		mg/Kg	1	11/20/2005
4-Isopropyltoluene	0.12	0.050		mg/Kg	1	11/20/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/20/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/20/2005
n-Butylbenzene	0.27	0.050		mg/Kg	1	11/20/2005
n-Propylbenzene	0.42	0.050		mg/Kg	1	11/20/2005
sec-Butylbenzene	0.18	0.050		mg/Kg	1	11/20/2005
Styrene	ND	0.050		mg/Kg	1	11/20/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/20/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/20/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/20/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/20/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/20/2005
Xylenes, Total	2.4	0.050		mg/Kg	1	11/20/2005
Surr: 1,2-Dichloroethane-d4	99.5	74.2-135		%REC	1	11/20/2005
Surr: 4-Bromofluorobenzene	107	72.9-143		%REC	1	11/20/2005
Surr: Dibromofluoromethane	98.2	76.9-138		%REC	1	11/20/2005
Surr: Toluene-d8	75.1	70-126		%REC	1	11/20/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# All Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-14

**Client Sample ID:** SB4@44-49'  
**Collection Date:** 11/11/2005 8:30:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	2300	30		mg/L	100	12/8/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/28/2005 12:11:31 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/28/2005 12:11:31 AM
Surr: DNOP	93.4	60-124		%REC	1	11/28/2005 12:11:31 AM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/22/2005 3:01:37 PM
Surr: BFB	107	83.1-124		%REC	1	11/22/2005 3:01:37 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/20/2005
Toluene	ND	0.050		mg/Kg	1	11/20/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/20/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/20/2005
Naphthalene	ND	0.10		mg/Kg	1	11/20/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
Acetone	ND	0.75		mg/Kg	1	11/20/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/20/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromoform	ND	0.050		mg/Kg	1	11/20/2005
Bromomethane	ND	0.10		mg/Kg	1	11/20/2005
2-Butanone	ND	0.50		mg/Kg	1	11/20/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/20/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/20/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Chloroethane	ND	0.10		mg/Kg	1	11/20/2005
Chloroform	ND	0.050		mg/Kg	1	11/20/2005
Chloromethane	ND	0.050		mg/Kg	1	11/20/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/20/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/20/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

# All Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-14

Client Sample ID: SB4@44-49'

Collection Date: 11/11/2005 8:30:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/20/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/20/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/20/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/20/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/20/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/20/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/20/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/20/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Styrene	ND	0.050		mg/Kg	1	11/20/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/20/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/20/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/20/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/20/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/20/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/20/2005
Surr: 1,2-Dichloroethane-d4	95.2	74.2-135		%REC	1	11/20/2005
Surr: 4-Bromofluorobenzene	101	72.9-143		%REC	1	11/20/2005
Surr: Dibromofluoromethane	102	76.9-138		%REC	1	11/20/2005
Surr: Toluene-d8	74.8	70-126		%REC	1	11/20/2005

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# Ball Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-15

**Client Sample ID:** SB5@0-4'

**Collection Date:** 11/11/2005 9:15:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	530		1.5	mg/kg	5	12/2/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	11000		200	mg/Kg	20	11/28/2005 10:13:18 AM
Motor Oil Range Organics (MRO)	2700		1000	mg/Kg	20	11/28/2005 10:13:18 AM
Surr: DNOP	0	60-124	S	%REC	20	11/28/2005 10:13:18 AM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	1800		250	mg/Kg	50	11/22/2005 3:32:00 PM
Surr: BFB	127	83.1-124	S	%REC	50	11/22/2005 3:32:00 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	5.9		1.0	mg/Kg	20	11/20/2005
Toluene	5.6		1.0	mg/Kg	20	11/20/2005
Ethylbenzene	24		1.0	mg/Kg	20	11/20/2005
Methyl tert-butyl ether (MTBE)	ND		1.0	mg/Kg	20	11/20/2005
1,2,4-Trimethylbenzene	23		1.0	mg/Kg	20	11/20/2005
1,3,5-Trimethylbenzene	7.6		1.0	mg/Kg	20	11/20/2005
1,2-Dichloroethane (EDC)	ND		1.0	mg/Kg	20	11/20/2005
1,2-Dibromoethane (EDB)	ND		1.0	mg/Kg	20	11/20/2005
Naphthalene	3.4		2.0	mg/Kg	20	11/20/2005
1-Methylnaphthalene	5.4		4.0	mg/Kg	20	11/20/2005
2-Methylnaphthalene	5.8		4.0	mg/Kg	20	11/20/2005
Acetone	ND		15	mg/Kg	20	11/20/2005
Bromobenzene	ND		1.0	mg/Kg	20	11/20/2005
Bromochloromethane	ND		1.0	mg/Kg	20	11/20/2005
Bromodichloromethane	ND		1.0	mg/Kg	20	11/20/2005
Bromoform	ND		1.0	mg/Kg	20	11/20/2005
Bromomethane	ND		2.0	mg/Kg	20	11/20/2005
2-Butanone	ND		10	mg/Kg	20	11/20/2005
Carbon disulfide	ND		10	mg/Kg	20	11/20/2005
Carbon tetrachloride	ND		2.0	mg/Kg	20	11/20/2005
Chlorobenzene	ND		1.0	mg/Kg	20	11/20/2005
Chloroethane	ND		2.0	mg/Kg	20	11/20/2005
Chloroform	ND		1.0	mg/Kg	20	11/20/2005
Chloromethane	ND		1.0	mg/Kg	20	11/20/2005
2-Chlorotoluene	ND		1.0	mg/Kg	20	11/20/2005
4-Chlorotoluene	ND		1.0	mg/Kg	20	11/20/2005
cis-1,2-DCE	ND		1.0	mg/Kg	20	11/20/2005
cis-1,3-Dichloropropene	ND		1.0	mg/Kg	20	11/20/2005
1,2-Dibromo-3-chloropropane	ND		2.0	mg/Kg	20	11/20/2005
Dibromochloromethane	ND		1.0	mg/Kg	20	11/20/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# All Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-15

**Client Sample ID:** SB5@0-4'

**Collection Date:** 11/11/2005 9:15:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	2.0		mg/Kg	20	11/20/2005
1,2-Dichlorobenzene	ND	1.0		mg/Kg	20	11/20/2005
1,3-Dichlorobenzene	ND	1.0		mg/Kg	20	11/20/2005
1,4-Dichlorobenzene	ND	1.0		mg/Kg	20	11/20/2005
Dichlorodifluoromethane	ND	1.0		mg/Kg	20	11/20/2005
1,1-Dichloroethane	ND	1.0		mg/Kg	20	11/20/2005
1,1-Dichloroethene	ND	1.0		mg/Kg	20	11/20/2005
1,2-Dichloropropane	ND	1.0		mg/Kg	20	11/20/2005
1,3-Dichloropropane	ND	1.0		mg/Kg	20	11/20/2005
2,2-Dichloropropane	ND	2.0		mg/Kg	20	11/20/2005
1,1-Dichloropropene	ND	1.0		mg/Kg	20	11/20/2005
Hexachlorobutadiene	ND	1.0		mg/Kg	20	11/20/2005
2-Hexanone	ND	10		mg/Kg	20	11/20/2005
Isopropylbenzene	4.8	1.0		mg/Kg	20	11/20/2005
4-Isopropyltoluene	1.4	1.0		mg/Kg	20	11/20/2005
4-Methyl-2-pentanone	ND	10		mg/Kg	20	11/20/2005
Methylene chloride	ND	3.0		mg/Kg	20	11/20/2005
n-Butylbenzene	3.2	1.0		mg/Kg	20	11/20/2005
n-Propylbenzene	6.3	1.0		mg/Kg	20	11/20/2005
sec-Butylbenzene	2.4	1.0		mg/Kg	20	11/20/2005
Styrene	ND	1.0		mg/Kg	20	11/20/2005
tert-Butylbenzene	ND	1.0		mg/Kg	20	11/20/2005
1,1,1,2-Tetrachloroethane	ND	1.0		mg/Kg	20	11/20/2005
1,1,2,2-Tetrachloroethane	ND	1.0		mg/Kg	20	11/20/2005
Tetrachloroethene (PCE)	ND	1.0		mg/Kg	20	11/20/2005
trans-1,2-DCE	ND	1.0		mg/Kg	20	11/20/2005
trans-1,3-Dichloropropene	ND	1.0		mg/Kg	20	11/20/2005
1,2,3-Trichlorobenzene	ND	2.0		mg/Kg	20	11/20/2005
1,2,4-Trichlorobenzene	ND	1.0		mg/Kg	20	11/20/2005
1,1,1-Trichloroethane	ND	1.0		mg/Kg	20	11/20/2005
1,1,2-Trichloroethane	ND	1.0		mg/Kg	20	11/20/2005
Trichloroethene (TCE)	ND	1.0		mg/Kg	20	11/20/2005
Trichlorofluoromethane	ND	1.0		mg/Kg	20	11/20/2005
1,2,3-Trichloropropane	ND	2.0		mg/Kg	20	11/20/2005
Vinyl chloride	ND	1.0		mg/Kg	20	11/20/2005
Xylenes, Total	49	1.0		mg/Kg	20	11/20/2005
Surr: 1,2-Dichloroethane-d4	97.9	74.2-135		%REC	20	11/20/2005
Surr: 4-Bromofluorobenzene	97.2	72.9-143		%REC	20	11/20/2005
Surr: Dibromofluoromethane	98.8	76.9-138		%REC	20	11/20/2005
Surr: Toluene-d8	78.4	70-126		%REC	20	11/20/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

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# All Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-16

Client Sample ID: SB5@29-34'  
 Collection Date: 11/11/2005 9:50:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	270	6.0		mg/kg	20	12/3/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/28/2005 1:16:34 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/28/2005 1:16:34 AM
Surr: DNOP	71.3	60-124		%REC	1	11/28/2005 1:16:34 AM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/22/2005 4:02:33 PM
Surr: BFB	104	83.1-124		%REC	1	11/22/2005 4:02:33 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/20/2005
Toluene	ND	0.050		mg/Kg	1	11/20/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/20/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/20/2005
Naphthalene	ND	0.10		mg/Kg	1	11/20/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
Acetone	ND	0.75		mg/Kg	1	11/20/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/20/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromoform	ND	0.050		mg/Kg	1	11/20/2005
Bromomethane	ND	0.10		mg/Kg	1	11/20/2005
2-Butanone	ND	0.50		mg/Kg	1	11/20/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/20/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/20/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Chloroethane	ND	0.10		mg/Kg	1	11/20/2005
Chloroform	ND	0.050		mg/Kg	1	11/20/2005
Chloromethane	ND	0.050		mg/Kg	1	11/20/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/20/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/20/2005

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# Ball Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-16

Client Sample ID: SB5@29-34'

Collection Date: 11/11/2005 9:50:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/20/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/20/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/20/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/20/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/20/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/20/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/20/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/20/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Styrene	ND	0.050		mg/Kg	1	11/20/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/20/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/20/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/20/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/20/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/20/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/20/2005
Surr: 1,2-Dichloroethane-d4	96.7	74.2-135		%REC	1	11/20/2005
Surr: 4-Bromofluorobenzene	99.1	72.9-143		%REC	1	11/20/2005
Surr: Dibromofluoromethane	96.8	76.9-138		%REC	1	11/20/2005
Surr: Toluene-d8	81.7	70-126		%REC	1	11/20/2005

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# All Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-17

**Client Sample ID:** SB6@4-9'  
**Collection Date:** 11/11/2005 10:25:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	350	1.5		mg/kg	5	12/2/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	3600	100		mg/Kg	10	11/28/2005 10:45:48 AM
Motor Oil Range Organics (MRO)	840	500		mg/Kg	10	11/28/2005 10:45:48 AM
Surr: DNOP	62.9	60-124		%REC	10	11/28/2005 10:45:48 AM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	470	50		mg/Kg	10	11/22/2005 5:03:45 PM
Surr: BFB	135	83.1-124	S	%REC	10	11/22/2005 5:03:45 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.50		mg/Kg	10	11/20/2005
Toluene	ND	0.50		mg/Kg	10	11/20/2005
Ethylbenzene	6.5	0.50		mg/Kg	10	11/20/2005
Methyl tert-butyl ether (MTBE)	ND	0.50		mg/Kg	10	11/20/2005
1,2,4-Trimethylbenzene	7.5	0.50		mg/Kg	10	11/20/2005
1,3,5-Trimethylbenzene	2.2	0.50		mg/Kg	10	11/20/2005
1,2-Dichloroethane (EDC)	ND	0.50		mg/Kg	10	11/20/2005
1,2-Dibromoethane (EDB)	ND	0.50		mg/Kg	10	11/20/2005
Naphthalene	ND	1.0		mg/Kg	10	11/20/2005
1-Methylnaphthalene	ND	2.0		mg/Kg	10	11/20/2005
2-Methylnaphthalene	ND	2.0		mg/Kg	10	11/20/2005
Acetone	ND	7.5		mg/Kg	10	11/20/2005
Bromobenzene	ND	0.50		mg/Kg	10	11/20/2005
Bromochloromethane	ND	0.50		mg/Kg	10	11/20/2005
Bromodichloromethane	ND	0.50		mg/Kg	10	11/20/2005
Bromoform	ND	0.50		mg/Kg	10	11/20/2005
Bromomethane	ND	1.0		mg/Kg	10	11/20/2005
2-Butanone	ND	5.0		mg/Kg	10	11/20/2005
Carbon disulfide	ND	5.0		mg/Kg	10	11/20/2005
Carbon tetrachloride	ND	1.0		mg/Kg	10	11/20/2005
Chlorobenzene	ND	0.50		mg/Kg	10	11/20/2005
Chloroethane	ND	1.0		mg/Kg	10	11/20/2005
Chloroform	ND	0.50		mg/Kg	10	11/20/2005
Chloromethane	ND	0.50		mg/Kg	10	11/20/2005
2-Chlorotoluene	ND	0.50		mg/Kg	10	11/20/2005
4-Chlorotoluene	ND	0.50		mg/Kg	10	11/20/2005
cis-1,2-DCE	ND	0.50		mg/Kg	10	11/20/2005
cis-1,3-Dichloropropene	ND	0.50		mg/Kg	10	11/20/2005
1,2-Dibromo-3-chloropropane	ND	1.0		mg/Kg	10	11/20/2005
Dibromochloromethane	ND	0.50		mg/Kg	10	11/20/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# All Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-17

**Client Sample ID:** SB6@4-9'

**Collection Date:** 11/11/2005 10:25:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	1.0		mg/Kg	10	11/20/2005
1,2-Dichlorobenzene	ND	0.50		mg/Kg	10	11/20/2005
1,3-Dichlorobenzene	ND	0.50		mg/Kg	10	11/20/2005
1,4-Dichlorobenzene	ND	0.50		mg/Kg	10	11/20/2005
Dichlorodifluoromethane	ND	0.50		mg/Kg	10	11/20/2005
1,1-Dichloroethane	ND	0.50		mg/Kg	10	11/20/2005
1,1-Dichloroethene	ND	0.50		mg/Kg	10	11/20/2005
1,2-Dichloropropane	ND	0.50		mg/Kg	10	11/20/2005
1,3-Dichloropropane	ND	0.50		mg/Kg	10	11/20/2005
2,2-Dichloropropane	ND	1.0		mg/Kg	10	11/20/2005
1,1-Dichloropropene	ND	0.50		mg/Kg	10	11/20/2005
Hexachlorobutadiene	ND	0.50		mg/Kg	10	11/20/2005
2-Hexanone	ND	5.0		mg/Kg	10	11/20/2005
Isopropylbenzene	1.3	0.50		mg/Kg	10	11/20/2005
4-Isopropyltoluene	ND	0.50		mg/Kg	10	11/20/2005
4-Methyl-2-pentanone	ND	5.0		mg/Kg	10	11/20/2005
Methylene chloride	ND	1.5		mg/Kg	10	11/20/2005
n-Butylbenzene	0.51	0.50		mg/Kg	10	11/20/2005
n-Propylbenzene	2.0	0.50		mg/Kg	10	11/20/2005
sec-Butylbenzene	0.60	0.50		mg/Kg	10	11/20/2005
Styrene	ND	0.50		mg/Kg	10	11/20/2005
tert-Butylbenzene	ND	0.50		mg/Kg	10	11/20/2005
1,1,2-Tetrachloroethane	ND	0.50		mg/Kg	10	11/20/2005
1,1,2,2-Tetrachloroethane	ND	0.50		mg/Kg	10	11/20/2005
Tetrachloroethene (PCE)	ND	0.50		mg/Kg	10	11/20/2005
trans-1,2-DCE	ND	0.50		mg/Kg	10	11/20/2005
trans-1,3-Dichloropropene	ND	0.50		mg/Kg	10	11/20/2005
1,2,3-Trichlorobenzene	ND	1.0		mg/Kg	10	11/20/2005
1,2,4-Trichlorobenzene	ND	0.50		mg/Kg	10	11/20/2005
1,1,1-Trichloroethane	ND	0.50		mg/Kg	10	11/20/2005
1,1,2-Trichloroethane	ND	0.50		mg/Kg	10	11/20/2005
Trichloroethene (TCE)	ND	0.50		mg/Kg	10	11/20/2005
Trichlorofluoromethane	ND	0.50		mg/Kg	10	11/20/2005
1,2,3-Trichloropropane	ND	1.0		mg/Kg	10	11/20/2005
Vinyl chloride	ND	0.50		mg/Kg	10	11/20/2005
Xylenes, Total	8.6	0.50		mg/Kg	10	11/20/2005
Surr: 1,2-Dichloroethane-d4	94.6	74.2-135		%REC	10	11/20/2005
Surr: 4-Bromofluorobenzene	94.7	72.9-143		%REC	10	11/20/2005
Surr: Dibromofluoromethane	95.1	76.9-138		%REC	10	11/20/2005
Surr: Toluene-d8	83.2	70-126		%REC	10	11/20/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

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# Ball Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-18

Client Sample ID: SB6@49-54'  
 Collection Date: 11/11/2005 12:40:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	1000	30		mg/kg	100	12/3/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	18	10		mg/Kg	1	11/28/2005 1:49:01 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/28/2005 1:49:01 AM
Surr: DNOP	67.2	60-124		%REC	1	11/28/2005 1:49:01 AM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/22/2005 5:34:22 PM
Surr: BFB	107	83.1-124		%REC	1	11/22/2005 5:34:22 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/20/2005
Toluene	ND	0.050		mg/Kg	1	11/20/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/20/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/20/2005
Naphthalene	ND	0.10		mg/Kg	1	11/20/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
Acetone	ND	0.75		mg/Kg	1	11/20/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/20/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromoform	ND	0.050		mg/Kg	1	11/20/2005
Bromomethane	ND	0.10		mg/Kg	1	11/20/2005
2-Butanone	ND	0.50		mg/Kg	1	11/20/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/20/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/20/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Chloroethane	ND	0.10		mg/Kg	1	11/20/2005
Chloroform	ND	0.050		mg/Kg	1	11/20/2005
Chloromethane	ND	0.050		mg/Kg	1	11/20/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/20/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/20/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

# All Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-18

**Client Sample ID:** SB6@49-54'

**Collection Date:** 11/11/2005 12:40:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/20/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/20/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/20/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/20/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/20/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/20/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/20/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/20/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Styrene	ND	0.050		mg/Kg	1	11/20/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/20/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/20/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/20/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/20/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/20/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/20/2005
Surr: 1,2-Dichloroethane-d4	97.1	74.2-135		%REC	1	11/20/2005
Surr: 4-Bromofluorobenzene	110	72.9-143		%REC	1	11/20/2005
Surr: Dibromofluoromethane	102	76.9-138		%REC	1	11/20/2005
Surr: Toluene-d8	79.1	70-126		%REC	1	11/20/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# All Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-19

**Client Sample ID:** SB7@0-4'

**Collection Date:** 11/11/2005 1:10:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	27	1.5		mg/kg	5	12/2/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	590	100		mg/Kg	10	11/28/2005 11:16:54 AM
Motor Oil Range Organics (MRO)	ND	500		mg/Kg	10	11/28/2005 11:16:54 AM
Surr: DNOP	110	60-124		%REC	10	11/28/2005 11:16:54 AM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	58	50		mg/Kg	10	11/22/2005 6:04:56 PM
Surr: BFB	112	83.1-124		%REC	10	11/22/2005 6:04:56 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/21/2005
Toluene	ND	0.050		mg/Kg	1	11/21/2005
Ethylbenzene	0.16	0.050		mg/Kg	1	11/21/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/21/2005
1,2,4-Trimethylbenzene	0.71	0.050		mg/Kg	1	11/21/2005
1,3,5-Trimethylbenzene	0.31	0.050		mg/Kg	1	11/21/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/21/2005
Naphthalene	0.16	0.10		mg/Kg	1	11/21/2005
1-Methylnaphthalene	0.55	0.20		mg/Kg	1	11/21/2005
2-Methylnaphthalene	0.58	0.20		mg/Kg	1	11/21/2005
Acetone	ND	0.75		mg/Kg	1	11/21/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/21/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromoform	ND	0.050		mg/Kg	1	11/21/2005
Bromomethane	ND	0.10		mg/Kg	1	11/21/2005
2-Butanone	ND	0.50		mg/Kg	1	11/21/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/21/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/21/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Chloroethane	ND	0.10		mg/Kg	1	11/21/2005
Chloroform	ND	0.050		mg/Kg	1	11/21/2005
Chloromethane	ND	0.050		mg/Kg	1	11/21/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/21/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/21/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

# All Environmental Analysis Laboratory

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-19

**Date:** 09-Dec-05

**Client Sample ID:** SB7@0-4'

**Collection Date:** 11/11/2005 1:10:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/21/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/21/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/21/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/21/2005
Isopropylbenzene	0.10	0.050		mg/Kg	1	11/21/2005
4-Isopropyltoluene	0.072	0.050		mg/Kg	1	11/21/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/21/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/21/2005
n-Butylbenzene	0.14	0.050		mg/Kg	1	11/21/2005
n-Propylbenzene	0.13	0.050		mg/Kg	1	11/21/2005
sec-Butylbenzene	0.12	0.050		mg/Kg	1	11/21/2005
Styrene	ND	0.050		mg/Kg	1	11/21/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/21/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/21/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/21/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/21/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/21/2005
Xylenes, Total	0.30	0.050		mg/Kg	1	11/21/2005
Surr: 1,2-Dichloroethane-d4	101	74.2-135		%REC	1	11/21/2005
Surr: 4-Bromofluorobenzene	90.8	72.9-143		%REC	1	11/21/2005
Surr: Dibromofluoromethane	108	76.9-138		%REC	1	11/21/2005
Surr: Toluene-d8	84.9	70-126		%REC	1	11/21/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# All Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-20

**Client Sample ID:** SB7@24-29'

**Collection Date:** 11/11/2005 1:28:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	34	1.5		mg/kg	5	12/2/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/28/2005 2:19:50 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/28/2005 2:19:50 AM
Surr: DNOP	63.9	60-124		%REC	1	11/28/2005 2:19:50 AM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/22/2005 6:35:25 PM
Surr: BFB	101	83.1-124		%REC	1	11/22/2005 6:35:25 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/20/2005
Toluene	ND	0.050		mg/Kg	1	11/20/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/20/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/20/2005
Naphthalene	ND	0.10		mg/Kg	1	11/20/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/20/2005
Acetone	ND	0.75		mg/Kg	1	11/20/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/20/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/20/2005
Bromoform	ND	0.050		mg/Kg	1	11/20/2005
Bromomethane	ND	0.10		mg/Kg	1	11/20/2005
2-Butanone	ND	0.50		mg/Kg	1	11/20/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/20/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/20/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Chloroethane	ND	0.10		mg/Kg	1	11/20/2005
Chloroform	ND	0.050		mg/Kg	1	11/20/2005
Chloromethane	ND	0.050		mg/Kg	1	11/20/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/20/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/20/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/20/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level 40 / 111

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# All Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-20

Client Sample ID: SB7@24-29'

Collection Date: 11/11/2005 1:28:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/20/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/20/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/20/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/20/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/20/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/20/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/20/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/20/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/20/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/20/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/20/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
Styrene	ND	0.050		mg/Kg	1	11/20/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/20/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/20/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/20/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/20/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/20/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/20/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/20/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/20/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/20/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/20/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/20/2005
Surr: 1,2-Dichloroethane-d4	100	74.2-135		%REC	1	11/20/2005
Surr: 4-Bromofluorobenzene	106	72.9-143		%REC	1	11/20/2005
Surr: Dibromofluoromethane	102	76.9-138		%REC	1	11/20/2005
Surr: Toluene-d8	75.9	70-126		%REC	1	11/20/2005

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# All Environmental Analysis Laboratory

Date: 09-Dec-05

Client Sample ID: SB8@4-9'

Collection Date: 11/11/2005 2:06:00 PM

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-21

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	4.3	1.5		mg/kg	5	12/3/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	6300	200		mg/Kg	20	11/28/2005 11:49:43 AM
Motor Oil Range Organics (MRO)	1900	1000		mg/Kg	20	11/28/2005 11:49:43 AM
Surr: DNOP	0	60-124	S	%REC	20	11/28/2005 11:49:43 AM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	910	100		mg/Kg	20	11/23/2005 11:09:20 AM
Surr: BFB	154	83.1-124	S	%REC	20	11/23/2005 11:09:20 AM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	1.0		mg/Kg	20	11/21/2005
Toluene	ND	1.0		mg/Kg	20	11/21/2005
Ethylbenzene	7.1	1.0		mg/Kg	20	11/21/2005
Methyl tert-butyl ether (MTBE)	ND	1.0		mg/Kg	20	11/21/2005
1,2,4-Trimethylbenzene	12	1.0		mg/Kg	20	11/21/2005
1,3,5-Trimethylbenzene	3.6	1.0		mg/Kg	20	11/21/2005
1,2-Dichloroethane (EDC)	ND	1.0		mg/Kg	20	11/21/2005
1,2-Dibromoethane (EDB)	ND	1.0		mg/Kg	20	11/21/2005
Naphthalene	ND	2.0		mg/Kg	20	11/21/2005
1-Methylnaphthalene	ND	4.0		mg/Kg	20	11/21/2005
2-Methylnaphthalene	ND	4.0		mg/Kg	20	11/21/2005
Acetone	ND	15		mg/Kg	20	11/21/2005
Bromobenzene	ND	1.0		mg/Kg	20	11/21/2005
Bromochloromethane	ND	1.0		mg/Kg	20	11/21/2005
Bromodichloromethane	ND	1.0		mg/Kg	20	11/21/2005
Bromoform	ND	1.0		mg/Kg	20	11/21/2005
Bromomethane	ND	2.0		mg/Kg	20	11/21/2005
2-Butanone	ND	10		mg/Kg	20	11/21/2005
Carbon disulfide	ND	10		mg/Kg	20	11/21/2005
Carbon tetrachloride	ND	2.0		mg/Kg	20	11/21/2005
Chlorobenzene	ND	1.0		mg/Kg	20	11/21/2005
Chloroethane	ND	2.0		mg/Kg	20	11/21/2005
Chloroform	ND	1.0		mg/Kg	20	11/21/2005
Chloromethane	ND	1.0		mg/Kg	20	11/21/2005
2-Chlorotoluene	ND	1.0		mg/Kg	20	11/21/2005
4-Chlorotoluene	ND	1.0		mg/Kg	20	11/21/2005
cis-1,2-DCE	ND	1.0		mg/Kg	20	11/21/2005
cis-1,3-Dichloropropene	ND	1.0		mg/Kg	20	11/21/2005
1,2-Dibromo-3-chloropropane	ND	2.0		mg/Kg	20	11/21/2005
Dibromochloromethane	ND	1.0		mg/Kg	20	11/21/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level 42 / 111

# All Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-21

Client Sample ID: SB8@4-9'  
 Collection Date: 11/11/2005 2:06:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	2.0		mg/Kg	20	11/21/2005
1,2-Dichlorobenzene	ND	1.0		mg/Kg	20	11/21/2005
1,3-Dichlorobenzene	ND	1.0		mg/Kg	20	11/21/2005
1,4-Dichlorobenzene	ND	1.0		mg/Kg	20	11/21/2005
Dichlorodifluoromethane	ND	1.0		mg/Kg	20	11/21/2005
1,1-Dichloroethane	ND	1.0		mg/Kg	20	11/21/2005
1,1-Dichloroethene	ND	1.0		mg/Kg	20	11/21/2005
1,2-Dichloropropane	ND	1.0		mg/Kg	20	11/21/2005
1,3-Dichloropropane	ND	1.0		mg/Kg	20	11/21/2005
2,2-Dichloropropane	ND	2.0		mg/Kg	20	11/21/2005
1,1-Dichloropropene	ND	1.0		mg/Kg	20	11/21/2005
Hexachlorobutadiene	ND	1.0		mg/Kg	20	11/21/2005
2-Hexanone	ND	10		mg/Kg	20	11/21/2005
Isopropylbenzene	1.9	1.0		mg/Kg	20	11/21/2005
4-Isopropyltoluene	ND	1.0		mg/Kg	20	11/21/2005
4-Methyl-2-pentanone	ND	10		mg/Kg	20	11/21/2005
Methylene chloride	ND	3.0		mg/Kg	20	11/21/2005
n-Butylbenzene	1.2	1.0		mg/Kg	20	11/21/2005
n-Propylbenzene	2.1	1.0		mg/Kg	20	11/21/2005
sec-Butylbenzene	2.7	1.0		mg/Kg	20	11/21/2005
Styrene	ND	1.0		mg/Kg	20	11/21/2005
tert-Butylbenzene	ND	1.0		mg/Kg	20	11/21/2005
1,1,1,2-Tetrachloroethane	ND	1.0		mg/Kg	20	11/21/2005
1,1,2,2-Tetrachloroethane	ND	1.0		mg/Kg	20	11/21/2005
Tetrachloroethene (PCE)	ND	1.0		mg/Kg	20	11/21/2005
trans-1,2-DCE	ND	1.0		mg/Kg	20	11/21/2005
trans-1,3-Dichloropropene	ND	1.0		mg/Kg	20	11/21/2005
1,2,3-Trichlorobenzene	ND	2.0		mg/Kg	20	11/21/2005
1,2,4-Trichlorobenzene	ND	1.0		mg/Kg	20	11/21/2005
1,1,1-Trichloroethane	ND	1.0		mg/Kg	20	11/21/2005
1,1,2-Trichloroethane	ND	1.0		mg/Kg	20	11/21/2005
Trichloroethene (TCE)	ND	1.0		mg/Kg	20	11/21/2005
Trichlorofluoromethane	ND	1.0		mg/Kg	20	11/21/2005
1,2,3-Trichloropropane	ND	2.0		mg/Kg	20	11/21/2005
Vinyl chloride	ND	1.0		mg/Kg	20	11/21/2005
Xylenes, Total	11	1.0		mg/Kg	20	11/21/2005
Surr: 1,2-Dichloroethane-d4	100	74.2-135		%REC	20	11/21/2005
Surr: 4-Bromofluorobenzene	91.0	72.9-143		%REC	20	11/21/2005
Surr: Dibromofluoromethane	106	76.9-138		%REC	20	11/21/2005
Surr: Toluene-d8	79.7	70-126		%REC	20	11/21/2005

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# All Environmental Analysis Laboratory

Date: 09-Dec-05

Client Sample ID: SB8@34-39'

Collection Date: 11/11/2005 2:46:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	460	1.5		mg/kg	5	12/2/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	14	10		mg/Kg	1	11/27/2005 7:20:14 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/27/2005 7:20:14 AM
Surr: DNOP	95.3	60-124		%REC	1	11/27/2005 7:20:14 AM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/23/2005 11:39:45 AM
Surr: BFB	101	83.1-124		%REC	1	11/23/2005 11:39:45 AM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/21/2005
Toluene	ND	0.050		mg/Kg	1	11/21/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/21/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/21/2005
Naphthalene	ND	0.10		mg/Kg	1	11/21/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/21/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/21/2005
Acetone	ND	0.75		mg/Kg	1	11/21/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/21/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromoform	ND	0.050		mg/Kg	1	11/21/2005
Bromomethane	ND	0.10		mg/Kg	1	11/21/2005
2-Butanone	ND	0.50		mg/Kg	1	11/21/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/21/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/21/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Chloroethane	ND	0.10		mg/Kg	1	11/21/2005
Chloroform	ND	0.050		mg/Kg	1	11/21/2005
Chloromethane	ND	0.050		mg/Kg	1	11/21/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/21/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/21/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level 44 / 111

# All Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-22

Client Sample ID: SB8@34-39'

Collection Date: 11/11/2005 2:46:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/21/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/21/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/21/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/21/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/21/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/21/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/21/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/21/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Styrene	ND	0.050		mg/Kg	1	11/21/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/21/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/21/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/21/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/21/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/21/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/21/2005
Surr: 1,2-Dichloroethane-d4	101	74.2-135		%REC	1	11/21/2005
Surr: 4-Bromofluorobenzene	109	72.9-143		%REC	1	11/21/2005
Surr: Dibromofluoromethane	97.8	76.9-138		%REC	1	11/21/2005
Surr: Toluene-d8	76.0	70-126		%REC	1	11/21/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level 45 / 111

# Ball Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-23

**Client Sample ID:** SB9@0-4'

**Collection Date:** 11/11/2005 3:30:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	85	1.5		mg/kg	5	12/3/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	8000	200		mg/Kg	20	11/28/2005 12:22:30 PM
Motor Oil Range Organics (MRO)	2100	1000		mg/Kg	20	11/28/2005 12:22:30 PM
Surr: DNOP	0	60-124	S	%REC	20	11/28/2005 12:22:30 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	1500	250		mg/Kg	50	11/23/2005 12:10:18 PM
Surr: BFB	128	83.1-124	S	%REC	50	11/23/2005 12:10:18 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	1.6	1.0		mg/Kg	20	11/21/2005
Toluene	7.3	1.0		mg/Kg	20	11/21/2005
Ethylbenzene	13	1.0		mg/Kg	20	11/21/2005
Methyl tert-butyl ether (MTBE)	ND	1.0		mg/Kg	20	11/21/2005
1,2,4-Trimethylbenzene	18	1.0		mg/Kg	20	11/21/2005
1,3,5-Trimethylbenzene	5.2	1.0		mg/Kg	20	11/21/2005
1,2-Dichloroethane (EDC)	ND	1.0		mg/Kg	20	11/21/2005
1,2-Dibromoethane (EDB)	ND	1.0		mg/Kg	20	11/21/2005
Naphthalene	3.2	2.0		mg/Kg	20	11/21/2005
1-Methylnaphthalene	5.6	4.0		mg/Kg	20	11/21/2005
2-Methylnaphthalene	5.3	4.0		mg/Kg	20	11/21/2005
Acetone	ND	15		mg/Kg	20	11/21/2005
Bromobenzene	ND	1.0		mg/Kg	20	11/21/2005
Bromochloromethane	ND	1.0		mg/Kg	20	11/21/2005
Bromodichloromethane	ND	1.0		mg/Kg	20	11/21/2005
Bromoform	ND	1.0		mg/Kg	20	11/21/2005
Bromomethane	ND	2.0		mg/Kg	20	11/21/2005
2-Butanone	ND	10		mg/Kg	20	11/21/2005
Carbon disulfide	ND	10		mg/Kg	20	11/21/2005
Carbon tetrachloride	ND	2.0		mg/Kg	20	11/21/2005
Chlorobenzene	ND	1.0		mg/Kg	20	11/21/2005
Chloroethane	ND	2.0		mg/Kg	20	11/21/2005
Chloroform	ND	1.0		mg/Kg	20	11/21/2005
Chloromethane	ND	1.0		mg/Kg	20	11/21/2005
2-Chlorotoluene	ND	1.0		mg/Kg	20	11/21/2005
4-Chlorotoluene	ND	1.0		mg/Kg	20	11/21/2005
cis-1,2-DCE	ND	1.0		mg/Kg	20	11/21/2005
cis-1,3-Dichloropropene	ND	1.0		mg/Kg	20	11/21/2005
1,2-Dibromo-3-chloropropane	ND	2.0		mg/Kg	20	11/21/2005
Dibromochloromethane	ND	1.0		mg/Kg	20	11/21/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level 46 / 111

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# All Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-23

**Client Sample ID:** SB9@0-4'  
**Collection Date:** 11/11/2005 3:30:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	2.0		mg/Kg	20	11/21/2005
1,2-Dichlorobenzene	ND	1.0		mg/Kg	20	11/21/2005
1,3-Dichlorobenzene	ND	1.0		mg/Kg	20	11/21/2005
1,4-Dichlorobenzene	ND	1.0		mg/Kg	20	11/21/2005
Dichlorodifluoromethane	ND	1.0		mg/Kg	20	11/21/2005
1,1-Dichloroethane	ND	1.0		mg/Kg	20	11/21/2005
1,1-Dichloroethene	ND	1.0		mg/Kg	20	11/21/2005
1,2-Dichloropropane	ND	1.0		mg/Kg	20	11/21/2005
1,3-Dichloropropane	ND	1.0		mg/Kg	20	11/21/2005
2,2-Dichloropropane	ND	2.0		mg/Kg	20	11/21/2005
1,1-Dichloropropene	ND	1.0		mg/Kg	20	11/21/2005
Hexachlorobutadiene	ND	1.0		mg/Kg	20	11/21/2005
2-Hexanone	ND	10		mg/Kg	20	11/21/2005
Isopropylbenzene	3.1	1.0		mg/Kg	20	11/21/2005
4-Isopropyltoluene	ND	1.0		mg/Kg	20	11/21/2005
4-Methyl-2-pentanone	ND	10		mg/Kg	20	11/21/2005
Methylene chloride	ND	3.0		mg/Kg	20	11/21/2005
n-Butylbenzene	4.7	1.0		mg/Kg	20	11/21/2005
n-Propylbenzene	4.5	1.0		mg/Kg	20	11/21/2005
sec-Butylbenzene	1.9	1.0		mg/Kg	20	11/21/2005
Styrene	ND	1.0		mg/Kg	20	11/21/2005
tert-Butylbenzene	ND	1.0		mg/Kg	20	11/21/2005
1,1,1,2-Tetrachloroethane	ND	1.0		mg/Kg	20	11/21/2005
1,1,2,2-Tetrachloroethane	ND	1.0		mg/Kg	20	11/21/2005
Tetrachloroethene (PCE)	ND	1.0		mg/Kg	20	11/21/2005
trans-1,2-DCE	ND	1.0		mg/Kg	20	11/21/2005
trans-1,3-Dichloropropene	ND	1.0		mg/Kg	20	11/21/2005
1,2,3-Trichlorobenzene	ND	2.0		mg/Kg	20	11/21/2005
1,2,4-Trichlorobenzene	ND	1.0		mg/Kg	20	11/21/2005
1,1,1-Trichloroethane	ND	1.0		mg/Kg	20	11/21/2005
1,1,2-Trichloroethane	ND	1.0		mg/Kg	20	11/21/2005
Trichloroethene (TCE)	ND	1.0		mg/Kg	20	11/21/2005
Trichlorofluoromethane	ND	1.0		mg/Kg	20	11/21/2005
1,2,3-Trichloropropane	ND	2.0		mg/Kg	20	11/21/2005
Vinyl chloride	ND	1.0		mg/Kg	20	11/21/2005
Xylenes, Total	29	1.0		mg/Kg	20	11/21/2005
Surr: 1,2-Dichloroethane-d4	98.1	74.2-135		%REC	20	11/21/2005
Surr: 4-Bromofluorobenzene	97.9	72.9-143		%REC	20	11/21/2005
Surr: Dibromofluoromethane	103	76.9-138		%REC	20	11/21/2005
Surr: Toluene-d8	79.6	70-126		%REC	20	11/21/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# All Environmental Analysis Laboratory

Date: 09-Dec-05

Client Sample ID: SB9@19-24'

Collection Date: 11/11/2005 3:56:00 PM

Matrix: SOIL

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-24

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	1200	30		mg/kg	100	12/3/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/27/2005 7:52:43 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/27/2005 7:52:43 AM
Surr: DNOP	91.1	60-124		%REC	1	11/27/2005 7:52:43 AM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/23/2005 12:40:50 PM
Surr: BFB	105	83.1-124		%REC	1	11/23/2005 12:40:50 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/21/2005
Toluene	ND	0.050		mg/Kg	1	11/21/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/21/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/21/2005
Naphthalene	ND	0.10		mg/Kg	1	11/21/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/21/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/21/2005
Acetone	ND	0.75		mg/Kg	1	11/21/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/21/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromoform	ND	0.050		mg/Kg	1	11/21/2005
Bromomethane	ND	0.10		mg/Kg	1	11/21/2005
2-Butanone	ND	0.50		mg/Kg	1	11/21/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/21/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/21/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Chloroethane	ND	0.10		mg/Kg	1	11/21/2005
Chloroform	ND	0.050		mg/Kg	1	11/21/2005
Chloromethane	ND	0.050		mg/Kg	1	11/21/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/21/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/21/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# All Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-24

**Client Sample ID:** SB9@19-24'  
**Collection Date:** 11/11/2005 3:56:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/21/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/21/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/21/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/21/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/21/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/21/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/21/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/21/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Styrene	ND	0.050		mg/Kg	1	11/21/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/21/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/21/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/21/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/21/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/21/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/21/2005
Surr: 1,2-Dichloroethane-d4	103	74.2-135		%REC	1	11/21/2005
Surr: 4-Bromofluorobenzene	101	72.9-143		%REC	1	11/21/2005
Surr: Dibromofluoromethane	108	76.9-138		%REC	1	11/21/2005
Surr: Toluene-d8	74.8	70-126		%REC	1	11/21/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Ball Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-25

Client Sample ID: SB10@14-19'

Collection Date: 11/12/2005 7:52:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	4300	150		mg/kg	500	12/3/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	1900	100		mg/Kg	10	11/28/2005 12:55:31 PM
Motor Oil Range Organics (MRO)	750	500		mg/Kg	10	11/28/2005 12:55:31 PM
Surr: DNOP	115	60-124		%REC	10	11/28/2005 12:55:31 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	300	100		mg/Kg	20	11/23/2005 1:11:17 PM
Surr: BFB	121	83.1-124		%REC	20	11/23/2005 1:11:17 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	1.0		mg/Kg	20	11/21/2005
Toluene	ND	1.0		mg/Kg	20	11/21/2005
Ethylbenzene	2.1	1.0		mg/Kg	20	11/21/2005
Methyl tert-butyl ether (MTBE)	ND	1.0		mg/Kg	20	11/21/2005
1,2,4-Trimethylbenzene	3.8	1.0		mg/Kg	20	11/21/2005
1,3,5-Trimethylbenzene	1.0	1.0		mg/Kg	20	11/21/2005
1,2-Dichloroethane (EDC)	ND	1.0		mg/Kg	20	11/21/2005
1,2-Dibromoethane (EDB)	ND	1.0		mg/Kg	20	11/21/2005
Naphthalene	ND	2.0		mg/Kg	20	11/21/2005
1-Methylnaphthalene	ND	4.0		mg/Kg	20	11/21/2005
2-Methylnaphthalene	ND	4.0		mg/Kg	20	11/21/2005
Acetone	ND	15		mg/Kg	20	11/21/2005
Bromobenzene	ND	1.0		mg/Kg	20	11/21/2005
Bromochloromethane	ND	1.0		mg/Kg	20	11/21/2005
Bromodichloromethane	ND	1.0		mg/Kg	20	11/21/2005
Bromoform	ND	1.0		mg/Kg	20	11/21/2005
Bromomethane	ND	2.0		mg/Kg	20	11/21/2005
2-Butanone	ND	10		mg/Kg	20	11/21/2005
Carbon disulfide	ND	10		mg/Kg	20	11/21/2005
Carbon tetrachloride	ND	2.0		mg/Kg	20	11/21/2005
Chlorobenzene	ND	1.0		mg/Kg	20	11/21/2005
Chloroethane	ND	2.0		mg/Kg	20	11/21/2005
Chloroform	ND	1.0		mg/Kg	20	11/21/2005
Chloromethane	ND	1.0		mg/Kg	20	11/21/2005
2-Chlorotoluene	ND	1.0		mg/Kg	20	11/21/2005
4-Chlorotoluene	ND	1.0		mg/Kg	20	11/21/2005
cis-1,2-DCE	ND	1.0		mg/Kg	20	11/21/2005
cis-1,3-Dichloropropene	ND	1.0		mg/Kg	20	11/21/2005
1,2-Dibromo-3-chloropropane	ND	2.0		mg/Kg	20	11/21/2005
Dibromochloromethane	ND	1.0		mg/Kg	20	11/21/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level 50 / 111

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# All Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-25

Client Sample ID: SB10@14-19'

Collection Date: 11/12/2005 7:52:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	2.0		mg/Kg	20	11/21/2005
1,2-Dichlorobenzene	ND	1.0		mg/Kg	20	11/21/2005
1,3-Dichlorobenzene	ND	1.0		mg/Kg	20	11/21/2005
1,4-Dichlorobenzene	ND	1.0		mg/Kg	20	11/21/2005
Dichlorodifluoromethane	ND	1.0		mg/Kg	20	11/21/2005
1,1-Dichloroethane	ND	1.0		mg/Kg	20	11/21/2005
1,1-Dichloroethene	ND	1.0		mg/Kg	20	11/21/2005
1,2-Dichloropropane	ND	1.0		mg/Kg	20	11/21/2005
1,3-Dichloropropane	ND	1.0		mg/Kg	20	11/21/2005
2,2-Dichloropropane	ND	2.0		mg/Kg	20	11/21/2005
1,1-Dichloropropene	ND	1.0		mg/Kg	20	11/21/2005
Hexachlorobutadiene	ND	1.0		mg/Kg	20	11/21/2005
2-Hexanone	ND	10		mg/Kg	20	11/21/2005
Isopropylbenzene	ND	1.0		mg/Kg	20	11/21/2005
4-Isopropyltoluene	ND	1.0		mg/Kg	20	11/21/2005
4-Methyl-2-pentanone	ND	10		mg/Kg	20	11/21/2005
Methylene chloride	ND	3.0		mg/Kg	20	11/21/2005
n-Butylbenzene	ND	1.0		mg/Kg	20	11/21/2005
n-Propylbenzene	ND	1.0		mg/Kg	20	11/21/2005
sec-Butylbenzene	ND	1.0		mg/Kg	20	11/21/2005
Styrene	ND	1.0		mg/Kg	20	11/21/2005
tert-Butylbenzene	ND	1.0		mg/Kg	20	11/21/2005
1,1,1,2-Tetrachloroethane	ND	1.0		mg/Kg	20	11/21/2005
1,1,2,2-Tetrachloroethane	ND	1.0		mg/Kg	20	11/21/2005
Tetrachloroethene (PCE)	ND	1.0		mg/Kg	20	11/21/2005
trans-1,2-DCE	ND	1.0		mg/Kg	20	11/21/2005
trans-1,3-Dichloropropene	ND	1.0		mg/Kg	20	11/21/2005
1,2,3-Trichlorobenzene	ND	2.0		mg/Kg	20	11/21/2005
1,2,4-Trichlorobenzene	ND	1.0		mg/Kg	20	11/21/2005
1,1,1-Trichloroethane	ND	1.0		mg/Kg	20	11/21/2005
1,1,2-Trichloroethane	ND	1.0		mg/Kg	20	11/21/2005
Trichloroethene (TCE)	ND	1.0		mg/Kg	20	11/21/2005
Trichlorofluoromethane	ND	1.0		mg/Kg	20	11/21/2005
1,2,3-Trichloropropane	ND	2.0		mg/Kg	20	11/21/2005
Vinyl chloride	ND	1.0		mg/Kg	20	11/21/2005
Xylenes, Total	4.0	1.0		mg/Kg	20	11/21/2005
Surr: 1,2-Dichloroethane-d4	100	74.2-135		%REC	20	11/21/2005
Surr: 4-Bromofluorobenzene	106	72.9-143		%REC	20	11/21/2005
Surr: Dibromofluoromethane	99.0	76.9-138		%REC	20	11/21/2005
Surr: Toluene-d8	78.2	70-126		%REC	20	11/21/2005

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Ball Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-26

**Client Sample ID:** SB10@34-39'

**Collection Date:** 11/12/2005 8:14:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	1700	30		mg/kg	100	12/3/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	14	10		mg/Kg	1	11/27/2005 8:25:28 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/27/2005 8:25:28 AM
Surr: DNOP	92.2	60-124		%REC	1	11/27/2005 8:25:28 AM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/23/2005 1:41:45 PM
Surr: BFB	109	83.1-124		%REC	1	11/23/2005 1:41:45 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/21/2005
Toluene	ND	0.050		mg/Kg	1	11/21/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/21/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/21/2005
Naphthalene	ND	0.10		mg/Kg	1	11/21/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/21/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/21/2005
Acetone	ND	0.75		mg/Kg	1	11/21/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/21/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromoform	ND	0.050		mg/Kg	1	11/21/2005
Bromomethane	ND	0.10		mg/Kg	1	11/21/2005
2-Butanone	ND	0.50		mg/Kg	1	11/21/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/21/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/21/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Chloroethane	ND	0.10		mg/Kg	1	11/21/2005
Chloroform	ND	0.050		mg/Kg	1	11/21/2005
Chloromethane	ND	0.050		mg/Kg	1	11/21/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/21/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/21/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

# All Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-26

**Client Sample ID:** SB10@34-39'

**Collection Date:** 11/12/2005 8:14:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/21/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/21/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/21/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/21/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/21/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/21/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/21/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/21/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Styrene	ND	0.050		mg/Kg	1	11/21/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/21/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/21/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/21/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/21/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/21/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/21/2005
Surr: 1,2-Dichloroethane-d4	100	74.2-135		%REC	1	11/21/2005
Surr: 4-Bromofluorobenzene	102	72.9-143		%REC	1	11/21/2005
Surr: Dibromofluoromethane	97.3	76.9-138		%REC	1	11/21/2005
Surr: Toluene-d8	79.3	70-126		%REC	1	11/21/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

# All Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-27

**Client Sample ID:** SB11@9-14'  
**Collection Date:** 11/12/2005 8:58:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	66	1.5		mg/kg	5	12/3/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	8000	200		mg/Kg	20	11/28/2005 1:28:33 PM
Motor Oil Range Organics (MRO)	2200	1000		mg/Kg	20	11/28/2005 1:28:33 PM
Surr: DNOP	0	60-124	S	%REC	20	11/28/2005 1:28:33 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	600	100		mg/Kg	20	11/23/2005 2:12:09 PM
Surr: BFB	125	83.1-124	S	%REC	20	11/23/2005 2:12:09 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	1.0		mg/Kg	20	11/21/2005
Toluene	1.1	1.0		mg/Kg	20	11/21/2005
Ethylbenzene	5.5	1.0		mg/Kg	20	11/21/2005
Methyl tert-butyl ether (MTBE)	ND	1.0		mg/Kg	20	11/21/2005
1,2,4-Trimethylbenzene	4.1	1.0		mg/Kg	20	11/21/2005
1,3,5-Trimethylbenzene	1.4	1.0		mg/Kg	20	11/21/2005
1,2-Dichloroethane (EDC)	ND	1.0		mg/Kg	20	11/21/2005
1,2-Dibromoethane (EDB)	ND	1.0		mg/Kg	20	11/21/2005
Naphthalene	ND	2.0		mg/Kg	20	11/21/2005
1-Methylnaphthalene	ND	4.0		mg/Kg	20	11/21/2005
2-Methylnaphthalene	ND	4.0		mg/Kg	20	11/21/2005
Acetone	ND	15		mg/Kg	20	11/21/2005
Bromobenzene	ND	1.0		mg/Kg	20	11/21/2005
Bromochloromethane	ND	1.0		mg/Kg	20	11/21/2005
Bromodichloromethane	ND	1.0		mg/Kg	20	11/21/2005
Bromoform	ND	1.0		mg/Kg	20	11/21/2005
Bromomethane	ND	2.0		mg/Kg	20	11/21/2005
2-Butanone	ND	10		mg/Kg	20	11/21/2005
Carbon disulfide	ND	10		mg/Kg	20	11/21/2005
Carbon tetrachloride	ND	2.0		mg/Kg	20	11/21/2005
Chlorobenzene	ND	1.0		mg/Kg	20	11/21/2005
Chloroethane	ND	2.0		mg/Kg	20	11/21/2005
Chloroform	ND	1.0		mg/Kg	20	11/21/2005
Chloromethane	ND	1.0		mg/Kg	20	11/21/2005
2-Chlorotoluene	ND	1.0		mg/Kg	20	11/21/2005
4-Chlorotoluene	ND	1.0		mg/Kg	20	11/21/2005
cis-1,2-DCE	ND	1.0		mg/Kg	20	11/21/2005
cis-1,3-Dichloropropene	ND	1.0		mg/Kg	20	11/21/2005
1,2-Dibromo-3-chloropropane	ND	2.0		mg/Kg	20	11/21/2005
Dibromochloromethane	ND	1.0		mg/Kg	20	11/21/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# All Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-27

**Client Sample ID:** SB11@9-14'  
**Collection Date:** 11/12/2005 8:58:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	2.0		mg/Kg	20	11/21/2005
1,2-Dichlorobenzene	ND	1.0		mg/Kg	20	11/21/2005
1,3-Dichlorobenzene	ND	1.0		mg/Kg	20	11/21/2005
1,4-Dichlorobenzene	ND	1.0		mg/Kg	20	11/21/2005
Dichlorodifluoromethane	ND	1.0		mg/Kg	20	11/21/2005
1,1-Dichloroethane	ND	1.0		mg/Kg	20	11/21/2005
1,1-Dichloroethene	ND	1.0		mg/Kg	20	11/21/2005
1,2-Dichloropropane	ND	1.0		mg/Kg	20	11/21/2005
1,3-Dichloropropane	ND	1.0		mg/Kg	20	11/21/2005
2,2-Dichloropropane	ND	2.0		mg/Kg	20	11/21/2005
1,1-Dichloropropene	ND	1.0		mg/Kg	20	11/21/2005
Hexachlorobutadiene	ND	1.0		mg/Kg	20	11/21/2005
2-Hexanone	ND	10		mg/Kg	20	11/21/2005
Isopropylbenzene	ND	1.0		mg/Kg	20	11/21/2005
4-Isopropyltoluene	ND	1.0		mg/Kg	20	11/21/2005
4-Methyl-2-pentanone	ND	10		mg/Kg	20	11/21/2005
Methylene chloride	ND	3.0		mg/Kg	20	11/21/2005
n-Butylbenzene	ND	1.0		mg/Kg	20	11/21/2005
n-Propylbenzene	ND	1.0		mg/Kg	20	11/21/2005
sec-Butylbenzene	ND	1.0		mg/Kg	20	11/21/2005
Styrene	ND	1.0		mg/Kg	20	11/21/2005
tert-Butylbenzene	ND	1.0		mg/Kg	20	11/21/2005
1,1,1,2-Tetrachloroethane	ND	1.0		mg/Kg	20	11/21/2005
1,1,2,2-Tetrachloroethane	ND	1.0		mg/Kg	20	11/21/2005
Tetrachloroethene (PCE)	ND	1.0		mg/Kg	20	11/21/2005
trans-1,2-DCE	ND	1.0		mg/Kg	20	11/21/2005
trans-1,3-Dichloropropene	ND	1.0		mg/Kg	20	11/21/2005
1,2,3-Trichlorobenzene	ND	2.0		mg/Kg	20	11/21/2005
1,2,4-Trichlorobenzene	ND	1.0		mg/Kg	20	11/21/2005
1,1,1-Trichloroethane	ND	1.0		mg/Kg	20	11/21/2005
1,1,2-Trichloroethane	ND	1.0		mg/Kg	20	11/21/2005
Trichloroethene (TCE)	ND	1.0		mg/Kg	20	11/21/2005
Trichlorofluoromethane	ND	1.0		mg/Kg	20	11/21/2005
1,2,3-Trichloropropane	ND	2.0		mg/Kg	20	11/21/2005
Vinyl chloride	ND	1.0		mg/Kg	20	11/21/2005
Xylenes, Total	8.5	1.0		mg/Kg	20	11/21/2005
Surr: 1,2-Dichloroethane-d4	100	74.2-135		%REC	20	11/21/2005
Surr: 4-Bromofluorobenzene	103	72.9-143		%REC	20	11/21/2005
Surr: Dibromofluoromethane	97.5	76.9-138		%REC	20	11/21/2005
Surr: Toluene-d8	80.9	70-126		%REC	20	11/21/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# All Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-28

Client Sample ID: SB11@24-29'  
 Collection Date: 11/12/2005 9:15:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	28	1.5		mg/kg	5	12/2/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	13	10		mg/Kg	1	11/27/2005 8:58:18 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/27/2005 8:58:18 AM
Surr: DNOP	94.7	60-124		%REC	1	11/27/2005 8:58:18 AM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/23/2005 2:42:37 PM
Surr: BFB	103	83.1-124		%REC	1	11/23/2005 2:42:37 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/21/2005
Toluene	ND	0.050		mg/Kg	1	11/21/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/21/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/21/2005
Naphthalene	ND	0.10		mg/Kg	1	11/21/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/21/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/21/2005
Acetone	ND	0.75		mg/Kg	1	11/21/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/21/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromoform	ND	0.050		mg/Kg	1	11/21/2005
Bromomethane	ND	0.10		mg/Kg	1	11/21/2005
2-Butanone	ND	0.50		mg/Kg	1	11/21/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/21/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/21/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Chloroethane	ND	0.10		mg/Kg	1	11/21/2005
Chloroform	ND	0.050		mg/Kg	1	11/21/2005
Chloromethane	ND	0.050		mg/Kg	1	11/21/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/21/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/21/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

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# All Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-28

**Client Sample ID:** SB11@24-29'  
**Collection Date:** 11/12/2005 9:15:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/21/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/21/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/21/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/21/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/21/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/21/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/21/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/21/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Styrene	ND	0.050		mg/Kg	1	11/21/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/21/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/21/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/21/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/21/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/21/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/21/2005
Surr: 1,2-Dichloroethane-d4	98.0	74.2-135		%REC	1	11/21/2005
Surr: 4-Bromofluorobenzene	105	72.9-143		%REC	1	11/21/2005
Surr: Dibromofluoromethane	103	76.9-138		%REC	1	11/21/2005
Surr: Toluene-d8	74.2	70-126		%REC	1	11/21/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

# All Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-29

**Client Sample ID:** SB12@0-4'  
**Collection Date:** 11/12/2005 10:15:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	53	1.5		mg/kg	5	12/3/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	5000	200		mg/Kg	20	11/28/2005 3:08:27 PM
Motor Oil Range Organics (MRO)	1800	1000		mg/Kg	20	11/28/2005 3:08:27 PM
Surr: DNOP	0	60-124	S	%REC	20	11/28/2005 3:08:27 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	490	100		mg/Kg	20	11/23/2005 3:43:47 PM
Surr: BFB	129	83.1-124	S	%REC	20	11/23/2005 3:43:47 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	1.0		mg/Kg	20	11/21/2005
Toluene	ND	1.0		mg/Kg	20	11/21/2005
Ethylbenzene	2.3	1.0		mg/Kg	20	11/21/2005
Methyl tert-butyl ether (MTBE)	ND	1.0		mg/Kg	20	11/21/2005
1,2,4-Trimethylbenzene	6.7	1.0		mg/Kg	20	11/21/2005
1,3,5-Trimethylbenzene	2.3	1.0		mg/Kg	20	11/21/2005
1,2-Dichloroethane (EDC)	ND	1.0		mg/Kg	20	11/21/2005
1,2-Dibromoethane (EDB)	ND	1.0		mg/Kg	20	11/21/2005
Naphthalene	ND	2.0		mg/Kg	20	11/21/2005
1-Methylnaphthalene	ND	4.0		mg/Kg	20	11/21/2005
2-Methylnaphthalene	ND	4.0		mg/Kg	20	11/21/2005
Acetone	ND	15		mg/Kg	20	11/21/2005
Bromobenzene	ND	1.0		mg/Kg	20	11/21/2005
Bromochloromethane	ND	1.0		mg/Kg	20	11/21/2005
Bromodichloromethane	ND	1.0		mg/Kg	20	11/21/2005
Bromoform	ND	1.0		mg/Kg	20	11/21/2005
Bromomethane	ND	2.0		mg/Kg	20	11/21/2005
2-Butanone	ND	10		mg/Kg	20	11/21/2005
Carbon disulfide	ND	10		mg/Kg	20	11/21/2005
Carbon tetrachloride	ND	2.0		mg/Kg	20	11/21/2005
Chlorobenzene	ND	1.0		mg/Kg	20	11/21/2005
Chloroethane	ND	2.0		mg/Kg	20	11/21/2005
Chloroform	ND	1.0		mg/Kg	20	11/21/2005
Chloromethane	ND	1.0		mg/Kg	20	11/21/2005
2-Chlorotoluene	ND	1.0		mg/Kg	20	11/21/2005
4-Chlorotoluene	ND	1.0		mg/Kg	20	11/21/2005
cis-1,2-DCE	ND	1.0		mg/Kg	20	11/21/2005
cis-1,3-Dichloropropene	ND	1.0		mg/Kg	20	11/21/2005
1,2-Dibromo-3-chloropropane	ND	2.0		mg/Kg	20	11/21/2005
Dibromochloromethane	ND	1.0		mg/Kg	20	11/21/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

# All Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-29

**Client Sample ID:** SB12@0-4'  
**Collection Date:** 11/12/2005 10:15:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	2.0		mg/Kg	20	11/21/2005
1,2-Dichlorobenzene	ND	1.0		mg/Kg	20	11/21/2005
1,3-Dichlorobenzene	ND	1.0		mg/Kg	20	11/21/2005
1,4-Dichlorobenzene	ND	1.0		mg/Kg	20	11/21/2005
Dichlorodifluoromethane	ND	1.0		mg/Kg	20	11/21/2005
1,1-Dichloroethane	ND	1.0		mg/Kg	20	11/21/2005
1,1-Dichloroethene	ND	1.0		mg/Kg	20	11/21/2005
1,2-Dichloropropane	ND	1.0		mg/Kg	20	11/21/2005
1,3-Dichloropropane	ND	1.0		mg/Kg	20	11/21/2005
2,2-Dichloropropane	ND	2.0		mg/Kg	20	11/21/2005
1,1-Dichloropropene	ND	1.0		mg/Kg	20	11/21/2005
Hexachlorobutadiene	ND	1.0		mg/Kg	20	11/21/2005
2-Hexanone	ND	10		mg/Kg	20	11/21/2005
Isopropylbenzene	ND	1.0		mg/Kg	20	11/21/2005
4-Isopropyltoluene	ND	1.0		mg/Kg	20	11/21/2005
4-Methyl-2-pentanone	ND	10		mg/Kg	20	11/21/2005
Methylene chloride	ND	3.0		mg/Kg	20	11/21/2005
n-Butylbenzene	ND	1.0		mg/Kg	20	11/21/2005
n-Propylbenzene	ND	1.0		mg/Kg	20	11/21/2005
sec-Butylbenzene	ND	1.0		mg/Kg	20	11/21/2005
Styrene	ND	1.0		mg/Kg	20	11/21/2005
tert-Butylbenzene	ND	1.0		mg/Kg	20	11/21/2005
1,1,1,2-Tetrachloroethane	ND	1.0		mg/Kg	20	11/21/2005
1,1,2,2-Tetrachloroethane	ND	1.0		mg/Kg	20	11/21/2005
Tetrachloroethene (PCE)	ND	1.0		mg/Kg	20	11/21/2005
trans-1,2-DCE	ND	1.0		mg/Kg	20	11/21/2005
trans-1,3-Dichloropropene	ND	1.0		mg/Kg	20	11/21/2005
1,2,3-Trichlorobenzene	ND	2.0		mg/Kg	20	11/21/2005
1,2,4-Trichlorobenzene	ND	1.0		mg/Kg	20	11/21/2005
1,1,1-Trichloroethane	ND	1.0		mg/Kg	20	11/21/2005
1,1,2-Trichloroethane	ND	1.0		mg/Kg	20	11/21/2005
Trichloroethene (TCE)	ND	1.0		mg/Kg	20	11/21/2005
Trichlorofluoromethane	ND	1.0		mg/Kg	20	11/21/2005
1,2,3-Trichloropropane	ND	2.0		mg/Kg	20	11/21/2005
Vinyl chloride	ND	1.0		mg/Kg	20	11/21/2005
Xylenes, Total	2.3	1.0		mg/Kg	20	11/21/2005
Surr: 1,2-Dichloroethane-d4	106	74.2-135		%REC	20	11/21/2005
Surr: 4-Bromofluorobenzene	102	72.9-143		%REC	20	11/21/2005
Surr: Dibromofluoromethane	103	76.9-138		%REC	20	11/21/2005
Surr: Toluene-d8	82.1	70-126		%REC	20	11/21/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

# All Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-30

Client Sample ID: SB12@19-24'  
 Collection Date: 11/12/2005 10:35:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	79	1.5		mg/kg	5	12/2/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/27/2005 9:30:59 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/27/2005 9:30:59 AM
Surr: DNOP	75.5	60-124		%REC	1	11/27/2005 9:30:59 AM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/23/2005 4:45:14 PM
Surr: BFB	102	83.1-124		%REC	1	11/23/2005 4:45:14 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/21/2005
Toluene	ND	0.050		mg/Kg	1	11/21/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/21/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/21/2005
Naphthalene	ND	0.10		mg/Kg	1	11/21/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/21/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/21/2005
Acetone	ND	0.75		mg/Kg	1	11/21/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/21/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromoform	ND	0.050		mg/Kg	1	11/21/2005
Bromomethane	ND	0.10		mg/Kg	1	11/21/2005
2-Butanone	ND	0.50		mg/Kg	1	11/21/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/21/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/21/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Chloroethane	ND	0.10		mg/Kg	1	11/21/2005
Chloroform	ND	0.050		mg/Kg	1	11/21/2005
Chloromethane	ND	0.050		mg/Kg	1	11/21/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/21/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/21/2005

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# All Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-30

Client Sample ID: SB12@19-24'  
 Collection Date: 11/12/2005 10:35:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/21/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/21/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/21/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/21/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/21/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/21/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/21/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/21/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Styrene	ND	0.050		mg/Kg	1	11/21/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/21/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/21/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/21/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/21/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/21/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/21/2005
Surr: 1,2-Dichloroethane-d4	102	74.2-135		%REC	1	11/21/2005
Surr: 4-Bromofluorobenzene	99.4	72.9-143		%REC	1	11/21/2005
Surr: Dibromofluoromethane	98.8	76.9-138		%REC	1	11/21/2005
Surr: Toluene-d8	81.4	70-126		%REC	1	11/21/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

# All Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-31

Client Sample ID: SB13@4-9'  
 Collection Date: 11/12/2005 12:09:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	ND	6.0		mg/kg	20	12/2/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	5200	200		mg/Kg	20	11/28/2005 3:41:29 PM
Motor Oil Range Organics (MRO)	1800	1000		mg/Kg	20	11/28/2005 3:41:29 PM
Surr: DNOP	0	60-124	S	%REC	20	11/28/2005 3:41:29 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	650	100		mg/Kg	20	11/23/2005 6:17:13 PM
Surr: BFB	130	83.1-124	S	%REC	20	11/23/2005 6:17:13 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	1.0		mg/Kg	20	11/21/2005
Toluene	ND	1.0		mg/Kg	20	11/21/2005
Ethylbenzene	6.0	1.0		mg/Kg	20	11/21/2005
Methyl tert-butyl ether (MTBE)	ND	1.0		mg/Kg	20	11/21/2005
1,2,4-Trimethylbenzene	12	1.0		mg/Kg	20	11/21/2005
1,3,5-Trimethylbenzene	4.0	1.0		mg/Kg	20	11/21/2005
1,2-Dichloroethane (EDC)	ND	1.0		mg/Kg	20	11/21/2005
1,2-Dibromoethane (EDB)	ND	1.0		mg/Kg	20	11/21/2005
Naphthalene	ND	2.0		mg/Kg	20	11/21/2005
1-Methylnaphthalene	ND	4.0		mg/Kg	20	11/21/2005
2-Methylnaphthalene	ND	4.0		mg/Kg	20	11/21/2005
Acetone	ND	15		mg/Kg	20	11/21/2005
Bromobenzene	ND	1.0		mg/Kg	20	11/21/2005
Bromochloromethane	ND	1.0		mg/Kg	20	11/21/2005
Bromodichloromethane	ND	1.0		mg/Kg	20	11/21/2005
Bromoform	ND	1.0		mg/Kg	20	11/21/2005
Bromomethane	ND	2.0		mg/Kg	20	11/21/2005
2-Butanone	ND	10		mg/Kg	20	11/21/2005
Carbon disulfide	ND	10		mg/Kg	20	11/21/2005
Carbon tetrachloride	ND	2.0		mg/Kg	20	11/21/2005
Chlorobenzene	ND	1.0		mg/Kg	20	11/21/2005
Chloroethane	ND	2.0		mg/Kg	20	11/21/2005
Chloroform	ND	1.0		mg/Kg	20	11/21/2005
Chloromethane	ND	1.0		mg/Kg	20	11/21/2005
2-Chlorotoluene	ND	1.0		mg/Kg	20	11/21/2005
4-Chlorotoluene	ND	1.0		mg/Kg	20	11/21/2005
cis-1,2-DCE	ND	1.0		mg/Kg	20	11/21/2005
cis-1,3-Dichloropropene	ND	1.0		mg/Kg	20	11/21/2005
1,2-Dibromo-3-chloropropane	ND	2.0		mg/Kg	20	11/21/2005
Dibromochloromethane	ND	1.0		mg/Kg	20	11/21/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

# Ball Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-31

Client Sample ID: SB13@4-9'  
 Collection Date: 11/12/2005 12:09:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	2.0		mg/Kg	20	11/21/2005
1,2-Dichlorobenzene	ND	1.0		mg/Kg	20	11/21/2005
1,3-Dichlorobenzene	ND	1.0		mg/Kg	20	11/21/2005
1,4-Dichlorobenzene	ND	1.0		mg/Kg	20	11/21/2005
Dichlorodifluoromethane	ND	1.0		mg/Kg	20	11/21/2005
1,1-Dichloroethane	ND	1.0		mg/Kg	20	11/21/2005
1,1-Dichloroethene	ND	1.0		mg/Kg	20	11/21/2005
1,2-Dichloropropane	ND	1.0		mg/Kg	20	11/21/2005
1,3-Dichloropropane	ND	1.0		mg/Kg	20	11/21/2005
2,2-Dichloropropane	ND	2.0		mg/Kg	20	11/21/2005
1,1-Dichloropropene	ND	1.0		mg/Kg	20	11/21/2005
Hexachlorobutadiene	ND	1.0		mg/Kg	20	11/21/2005
2-Hexanone	ND	10		mg/Kg	20	11/21/2005
Isopropylbenzene	1.5	1.0		mg/Kg	20	11/21/2005
4-Isopropyltoluene	ND	1.0		mg/Kg	20	11/21/2005
4-Methyl-2-pentanone	ND	10		mg/Kg	20	11/21/2005
Methylene chloride	ND	3.0		mg/Kg	20	11/21/2005
n-Butylbenzene	ND	1.0		mg/Kg	20	11/21/2005
n-Propylbenzene	1.5	1.0		mg/Kg	20	11/21/2005
sec-Butylbenzene	ND	1.0		mg/Kg	20	11/21/2005
Styrene	ND	1.0		mg/Kg	20	11/21/2005
tert-Butylbenzene	ND	1.0		mg/Kg	20	11/21/2005
1,1,1,2-Tetrachloroethane	ND	1.0		mg/Kg	20	11/21/2005
1,1,2,2-Tetrachloroethane	ND	1.0		mg/Kg	20	11/21/2005
Tetrachloroethene (PCE)	ND	1.0		mg/Kg	20	11/21/2005
trans-1,2-DCE	ND	1.0		mg/Kg	20	11/21/2005
trans-1,3-Dichloropropene	ND	1.0		mg/Kg	20	11/21/2005
1,2,3-Trichlorobenzene	ND	2.0		mg/Kg	20	11/21/2005
1,2,4-Trichlorobenzene	ND	1.0		mg/Kg	20	11/21/2005
1,1,1-Trichloroethane	ND	1.0		mg/Kg	20	11/21/2005
1,1,2-Trichloroethane	ND	1.0		mg/Kg	20	11/21/2005
Trichloroethene (TCE)	ND	1.0		mg/Kg	20	11/21/2005
Trichlorofluoromethane	ND	1.0		mg/Kg	20	11/21/2005
1,2,3-Trichloropropane	ND	2.0		mg/Kg	20	11/21/2005
Vinyl chloride	ND	1.0		mg/Kg	20	11/21/2005
Xylenes, Total	8.7	1.0		mg/Kg	20	11/21/2005
Surr: 1,2-Dichloroethane-d4	99.1	74.2-135		%REC	20	11/21/2005
Surr: 4-Bromofluorobenzene	104	72.9-143		%REC	20	11/21/2005
Surr: Dibromofluoromethane	105	76.9-138		%REC	20	11/21/2005
Surr: Toluene-d8	79.2	70-126		%REC	20	11/21/2005

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# Ball Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-32

**Client Sample ID:** SB13@29-34\*  
**Collection Date:** 11/12/2005 12:28:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	ND	1.5		mg/kg	5	12/2/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	11	10		mg/Kg	1	11/27/2005 10:03:30 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/27/2005 10:03:30 AM
Surr: DNOP	86.3	60-124		%REC	1	11/27/2005 10:03:30 AM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/23/2005 6:47:50 PM
Surr: BFB	109	83.1-124		%REC	1	11/23/2005 6:47:50 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/21/2005
Toluene	ND	0.050		mg/Kg	1	11/21/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/21/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/21/2005
Naphthalene	ND	0.10		mg/Kg	1	11/21/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/21/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/21/2005
Acetone	ND	0.75		mg/Kg	1	11/21/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/21/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromoform	ND	0.050		mg/Kg	1	11/21/2005
Bromomethane	ND	0.10		mg/Kg	1	11/21/2005
2-Butanone	ND	0.50		mg/Kg	1	11/21/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/21/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/21/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Chloroethane	ND	0.10		mg/Kg	1	11/21/2005
Chloroform	ND	0.050		mg/Kg	1	11/21/2005
Chloromethane	ND	0.050		mg/Kg	1	11/21/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/21/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/21/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level 64 / 111

# All Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-32

**Client Sample ID:** SB13@29-34'

**Collection Date:** 11/12/2005 12:28:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/21/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/21/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/21/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/21/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/21/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/21/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/21/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/21/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Styrene	ND	0.050		mg/Kg	1	11/21/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/21/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/21/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/21/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichloropropene	ND	0.10		mg/Kg	1	11/21/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/21/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/21/2005
Surr: 1,2-Dichloroethane-d4	97.9	74.2-135		%REC	1	11/21/2005
Surr: 4-Bromofluorobenzene	105	72.9-143		%REC	1	11/21/2005
Surr: Dibromofluoromethane	107	76.9-138		%REC	1	11/21/2005
Surr: Toluene-d8	81.4	70-126		%REC	1	11/21/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

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# All Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-33

Client Sample ID: SB14@0-4'  
 Collection Date: 11/12/2005 12:50:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	ND	1.5		mg/kg	5	12/3/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	4600	200		mg/Kg	20	11/28/2005 4:14:30 PM
Motor Oil Range Organics (MRO)	1700	1000		mg/Kg	20	11/28/2005 4:14:30 PM
Surr: DNOP	0	60-124	S	%REC	20	11/28/2005 4:14:30 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	390	100		mg/Kg	20	11/23/2005 7:18:25 PM
Surr: BFB	126	83.1-124	S	%REC	20	11/23/2005 7:18:25 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	0.076	0.050		mg/Kg	1	11/21/2005
Toluene	ND	0.050		mg/Kg	1	11/21/2005
Ethylbenzene	2.8	0.050		mg/Kg	1	11/21/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/21/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3,5-Trimethylbenzene	0.059	0.050		mg/Kg	1	11/21/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/21/2005
Naphthalene	1.9	0.10		mg/Kg	1	11/21/2005
1-Methylnaphthalene	4.1	0.20		mg/Kg	1	11/21/2005
2-Methylnaphthalene	4.2	0.20		mg/Kg	1	11/21/2005
Acetone	ND	0.75		mg/Kg	1	11/21/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/21/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromoform	ND	0.050		mg/Kg	1	11/21/2005
Bromomethane	ND	0.10		mg/Kg	1	11/21/2005
2-Butanone	ND	0.50		mg/Kg	1	11/21/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/21/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/21/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Chloroethane	ND	0.10		mg/Kg	1	11/21/2005
Chloroform	ND	0.050		mg/Kg	1	11/21/2005
Chloromethane	ND	0.050		mg/Kg	1	11/21/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/21/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/21/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level 66 / 111

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# All Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-33

**Client Sample ID:** SB14@0-4'

**Collection Date:** 11/12/2005 12:50:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/21/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/21/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/21/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/21/2005
Isopropylbenzene	1.8	0.050		mg/Kg	1	11/21/2005
4-Isopropyltoluene	0.14	0.050		mg/Kg	1	11/21/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/21/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/21/2005
n-Butylbenzene	1.1	0.050		mg/Kg	1	11/21/2005
n-Propylbenzene	1.7	0.050		mg/Kg	1	11/21/2005
sec-Butylbenzene	1.8	0.050		mg/Kg	1	11/21/2005
Styrene	ND	0.050		mg/Kg	1	11/21/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/21/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/21/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/21/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichloropropene	ND	0.10		mg/Kg	1	11/21/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/21/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/21/2005
Surr: 1,2-Dichloroethane-d4	92.4	74.2-135		%REC	1	11/21/2005
Surr: 4-Bromofluorobenzene	95.5	72.9-143		%REC	1	11/21/2005
Surr: Dibromofluoromethane	101	76.9-138		%REC	1	11/21/2005
Surr: Toluene-d8	73.1	70-126		%REC	1	11/21/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

# All Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-34

Client Sample ID: SB14@29-34'

Collection Date: 11/12/2005 1:20:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	1.9	1.5		mg/kg	5	12/3/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/27/2005 10:35:59 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/27/2005 10:35:59 AM
Surr: DNOP	90.5	60-124		%REC	1	11/27/2005 10:35:59 AM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/23/2005 7:49:06 PM
Surr: BFB	108	83.1-124		%REC	1	11/23/2005 7:49:06 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/21/2005
Toluene	ND	0.050		mg/Kg	1	11/21/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/21/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/21/2005
Naphthalene	ND	0.10		mg/Kg	1	11/21/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/21/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/21/2005
Acetone	ND	0.75		mg/Kg	1	11/21/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/21/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromoform	ND	0.050		mg/Kg	1	11/21/2005
Bromomethane	ND	0.10		mg/Kg	1	11/21/2005
2-Butanone	ND	0.50		mg/Kg	1	11/21/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/21/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/21/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Chloroethane	ND	0.10		mg/Kg	1	11/21/2005
Chloroform	ND	0.050		mg/Kg	1	11/21/2005
Chloromethane	ND	0.050		mg/Kg	1	11/21/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/21/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/21/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

# All Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec

Lab Order: 0511175

Project: General Petroleum

Lab ID: 0511175-34

Client Sample ID: SB14@29-34'

Collection Date: 11/12/2005 1:20:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/21/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/21/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/21/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/21/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/21/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/21/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/21/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/21/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Styrene	ND	0.050		mg/Kg	1	11/21/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/21/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/21/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/21/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/21/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/21/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/21/2005
Surr: 1,2-Dichloroethane-d4	99.9	74.2-135		%REC	1	11/21/2005
Surr: 4-Bromofluorobenzene	105	72.9-143		%REC	1	11/21/2005
Surr: Dibromofluoromethane	105	76.9-138		%REC	1	11/21/2005
Surr: Toluene-d8	76.4	70-126		%REC	1	11/21/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# All Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-35

**Client Sample ID:** SB15@4-9'

**Collection Date:** 11/12/2005 1:45:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	ND	1.5		mg/kg	5	12/3/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	1300	100		mg/Kg	10	11/28/2005 4:47:32 PM
Motor Oil Range Organics (MRO)	630	500		mg/Kg	10	11/28/2005 4:47:32 PM
Surr: DNOP	107	60-124		%REC	10	11/28/2005 4:47:32 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	50		mg/Kg	10	11/23/2005 8:19:40 PM
Surr: BFB	118	83.1-124		%REC	10	11/23/2005 8:19:40 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/21/2005
Toluene	ND	0.050		mg/Kg	1	11/21/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/21/2005
1,2,4-Trimethylbenzene	0.15	0.050		mg/Kg	1	11/21/2005
1,3,5-Trimethylbenzene	0.14	0.050		mg/Kg	1	11/21/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/21/2005
Naphthalene	ND	0.10		mg/Kg	1	11/21/2005
1-Methylnaphthalene	1.3	0.20		mg/Kg	1	11/21/2005
2-Methylnaphthalene	0.98	0.20		mg/Kg	1	11/21/2005
Acetone	ND	0.75		mg/Kg	1	11/21/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/21/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromoform	ND	0.050		mg/Kg	1	11/21/2005
Bromomethane	ND	0.10		mg/Kg	1	11/21/2005
2-Butanone	ND	0.50		mg/Kg	1	11/21/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/21/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/21/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Chloroethane	ND	0.10		mg/Kg	1	11/21/2005
Chloroform	ND	0.050		mg/Kg	1	11/21/2005
Chloromethane	ND	0.050		mg/Kg	1	11/21/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/21/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/21/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

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# Ball Environmental Analysis Laboratory

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-35

**Date:** 09-Dec-05

**Client Sample ID:** SB15@4-9'

**Collection Date:** 11/12/2005 1:45:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/21/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/21/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/21/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/21/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/21/2005
4-Isopropyltoluene	0.058	0.050		mg/Kg	1	11/21/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/21/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/21/2005
n-Butylbenzene	0.15	0.050		mg/Kg	1	11/21/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/21/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Styrene	ND	0.050		mg/Kg	1	11/21/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/21/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/21/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/21/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/21/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/21/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/21/2005
Surr: 1,2-Dichloroethane-d4	98.5	74.2-135		%REC	1	11/21/2005
Surr: 4-Bromofluorobenzene	79.0	72.9-143		%REC	1	11/21/2005
Surr: Dibromofluoromethane	98.8	76.9-138		%REC	1	11/21/2005
Surr: Toluene-d8	81.2	70-126		%REC	1	11/21/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

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# All Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-36

**Client Sample ID:** SB15@34-39'  
**Collection Date:** 11/12/2005 2:15:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	7.4	1.5		mg/kg	5	12/3/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/27/2005 11:08:28 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/27/2005 11:08:28 AM
Surr: DNOP	98.4	60-124		%REC	1	11/27/2005 11:08:28 AM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/23/2005 8:50:14 PM
Surr: BFB	106	83.1-124		%REC	1	11/23/2005 8:50:14 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/21/2005
Toluene	ND	0.050		mg/Kg	1	11/21/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/21/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/21/2005
Naphthalene	ND	0.10		mg/Kg	1	11/21/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/21/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/21/2005
Acetone	ND	0.75		mg/Kg	1	11/21/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/21/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromoform	ND	0.050		mg/Kg	1	11/21/2005
Bromomethane	ND	0.10		mg/Kg	1	11/21/2005
2-Butanone	ND	0.50		mg/Kg	1	11/21/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/21/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/21/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Chloroethane	ND	0.10		mg/Kg	1	11/21/2005
Chloroform	ND	0.050		mg/Kg	1	11/21/2005
Chloromethane	ND	0.050		mg/Kg	1	11/21/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/21/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/21/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

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# Ball Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-36

Client Sample ID: SB15@34-39\*  
 Collection Date: 11/12/2005 2:15:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/21/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/21/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/21/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/21/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/21/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/21/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/21/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/21/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Styrene	ND	0.050		mg/Kg	1	11/21/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/21/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/21/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/21/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/21/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/21/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/21/2005
Surr: 1,2-Dichloroethane-d4	95.0	74.2-135		%REC	1	11/21/2005
Surr: 4-Bromofluorobenzene	90.2	72.9-143		%REC	1	11/21/2005
Surr: Dibromofluoromethane	97.6	76.9-138		%REC	1	11/21/2005
Surr: Toluene-d8	78.4	70-126		%REC	1	11/21/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# Hall Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-37

Client Sample ID: SB21@44-49'  
 Collection Date: 11/13/2005 3:50:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	65	0.30		mg/kg	1	12/3/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	12	10		mg/Kg	1	11/27/2005 11:40:58 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/27/2005 11:40:58 AM
Surr: DNOP	95.8	60-124		%REC	1	11/27/2005 11:40:58 AM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/23/2005 9:20:45 PM
Surr: BFB	107	83.1-124		%REC	1	11/23/2005 9:20:45 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/21/2005
Toluene	ND	0.050		mg/Kg	1	11/21/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/21/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/21/2005
Naphthalene	ND	0.10		mg/Kg	1	11/21/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/21/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/21/2005
Acetone	ND	0.75		mg/Kg	1	11/21/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/21/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromoform	ND	0.050		mg/Kg	1	11/21/2005
Bromomethane	ND	0.10		mg/Kg	1	11/21/2005
2-Butanone	ND	0.50		mg/Kg	1	11/21/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/21/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/21/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Chloroethane	ND	0.10		mg/Kg	1	11/21/2005
Chloroform	ND	0.050		mg/Kg	1	11/21/2005
Chloromethane	ND	0.050		mg/Kg	1	11/21/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/21/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/21/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# Hall Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-37

Client Sample ID: SB21@44-49'

Collection Date: 11/13/2005 3:50:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/21/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/21/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/21/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/21/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/21/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/21/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/21/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/21/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Styrene	ND	0.050		mg/Kg	1	11/21/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/21/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/21/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/21/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichloropropene	ND	0.10		mg/Kg	1	11/21/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/21/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/21/2005
Surr: 1,2-Dichloroethane-d4	96.1	74.2-135		%REC	1	11/21/2005
Surr: 4-Bromofluorobenzene	99.0	72.9-143		%REC	1	11/21/2005
Surr: Dibromofluoromethane	101	76.9-138		%REC	1	11/21/2005
Surr: Toluene-d8	82.0	70-126		%REC	1	11/21/2005

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank

\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-38

Client Sample ID: SB22@39-44'

Collection Date: 11/14/2005 9:15:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	84	0.30		mg/kg	1	12/3/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	11	10		mg/Kg	1	11/27/2005 12:13:44 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/27/2005 12:13:44 PM
Surr: DNOP	94.0	60-124		%REC	1	11/27/2005 12:13:44 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/23/2005 9:51:20 PM
Surr: BFB	110	83.1-124		%REC	1	11/23/2005 9:51:20 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/21/2005
Toluene	ND	0.050		mg/Kg	1	11/21/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/21/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/21/2005
Naphthalene	ND	0.10		mg/Kg	1	11/21/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/21/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/21/2005
Acetone	ND	0.75		mg/Kg	1	11/21/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/21/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromoform	ND	0.050		mg/Kg	1	11/21/2005
Bromomethane	ND	0.10		mg/Kg	1	11/21/2005
2-Butanone	ND	0.50		mg/Kg	1	11/21/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/21/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/21/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Chloroethane	ND	0.10		mg/Kg	1	11/21/2005
Chloroform	ND	0.050		mg/Kg	1	11/21/2005
Chloromethane	ND	0.050		mg/Kg	1	11/21/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/21/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/21/2005

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# Dall Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-38

**Client Sample ID:** SB22@39-44'

**Collection Date:** 11/14/2005 9:15:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/21/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/21/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/21/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/21/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/21/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/21/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/21/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/21/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Styrene	ND	0.050		mg/Kg	1	11/21/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/21/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/21/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/21/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichloropropene	ND	0.10		mg/Kg	1	11/21/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/21/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/21/2005
Surr: 1,2-Dichloroethane-d4	101	74.2-135		%REC	1	11/21/2005
Surr: 4-Bromofluorobenzene	101	72.9-143		%REC	1	11/21/2005
Surr: Dibromofluoromethane	97.9	76.9-138		%REC	1	11/21/2005
Surr: Toluene-d8	76.4	70-126		%REC	1	11/21/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# Hall Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-39

**Client Sample ID:** SB22@44-49'

**Collection Date:** 11/14/2005 9:25:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	81	0.30		mg/kg	1	12/3/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/27/2005 1:19:18 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/27/2005 1:19:18 PM
Surr: DNOP	92.0	60-124		%REC	1	11/27/2005 1:19:18 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/23/2005 10:52:21 PM
Surr: BFB	110	83.1-124		%REC	1	11/23/2005 10:52:21 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/21/2005
Toluene	ND	0.050		mg/Kg	1	11/21/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/21/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/21/2005
Naphthalene	ND	0.10		mg/Kg	1	11/21/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/21/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/21/2005
Acetone	ND	0.75		mg/Kg	1	11/21/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/21/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromoform	ND	0.050		mg/Kg	1	11/21/2005
Bromomethane	ND	0.10		mg/Kg	1	11/21/2005
2-Butanone	ND	0.50		mg/Kg	1	11/21/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/21/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/21/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Chloroethane	ND	0.10		mg/Kg	1	11/21/2005
Chloroform	ND	0.050		mg/Kg	1	11/21/2005
Chloromethane	ND	0.050		mg/Kg	1	11/21/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/21/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/21/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# Ball Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-39

Client Sample ID: SB22@44-49'  
 Collection Date: 11/14/2005 9:25:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/21/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/21/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/21/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/21/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/21/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/21/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/21/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/21/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Styrene	ND	0.050		mg/Kg	1	11/21/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/21/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/21/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/21/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichloropropene	ND	0.10		mg/Kg	1	11/21/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/21/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/21/2005
Surr: 1,2-Dichloroethane-d4	99.9	74.2-135		%REC	1	11/21/2005
Surr: 4-Bromofluorobenzene	110	72.9-143		%REC	1	11/21/2005
Surr: Dibromofluoromethane	91.3	76.9-138		%REC	1	11/21/2005
Surr: Toluene-d8	79.2	70-126		%REC	1	11/21/2005

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-40

Client Sample ID: SB23@29-34'  
 Collection Date: 11/14/2005 10:45:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	86	0.30		mg/kg	1	12/3/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/27/2005 1:52:03 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/27/2005 1:52:03 PM
Surr: DNOP	95.5	60-124		%REC	1	11/27/2005 1:52:03 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/23/2005 11:22:42 PM
Surr: BFB	107	83.1-124		%REC	1	11/23/2005 11:22:42 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/21/2005
Toluene	ND	0.050		mg/Kg	1	11/21/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/21/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/21/2005
Naphthalene	ND	0.10		mg/Kg	1	11/21/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/21/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/21/2005
Acetone	ND	0.75		mg/Kg	1	11/21/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/21/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromoform	ND	0.050		mg/Kg	1	11/21/2005
Bromomethane	ND	0.10		mg/Kg	1	11/21/2005
2-Butanone	ND	0.50		mg/Kg	1	11/21/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/21/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/21/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Chloroethane	ND	0.10		mg/Kg	1	11/21/2005
Chloroform	ND	0.050		mg/Kg	1	11/21/2005
Chloromethane	ND	0.050		mg/Kg	1	11/21/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/21/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/21/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# Hall Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-40

Client Sample ID: SB23@29-34'

Collection Date: 11/14/2005 10:45:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/21/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/21/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/21/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/21/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/21/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/21/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/21/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/21/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Styrene	ND	0.050		mg/Kg	1	11/21/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/21/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/21/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/21/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/21/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/21/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/21/2005
Surr: 1,2-Dichloroethane-d4	98.1	74.2-135		%REC	1	11/21/2005
Surr: 4-Bromofluorobenzene	105	72.9-143		%REC	1	11/21/2005
Surr: Dibromofluoromethane	104	76.9-138		%REC	1	11/21/2005
Surr: Toluene-d8	76.7	70-126		%REC	1	11/21/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# Dall Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-41

Client Sample ID: SB23@39-44'  
 Collection Date: 11/14/2005 10:58:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	100	0.30		mg/kg	1	12/3/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/27/2005 2:24:50 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/27/2005 2:24:50 PM
Surr: DNOP	103	60-124		%REC	1	11/27/2005 2:24:50 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/24/2005 2:24:26 AM
Surr: BFB	105	83.1-124		%REC	1	11/24/2005 2:24:26 AM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/21/2005
Toluene	ND	0.050		mg/Kg	1	11/21/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/21/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/21/2005
Naphthalene	ND	0.10		mg/Kg	1	11/21/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/21/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/21/2005
Acetone	ND	0.75		mg/Kg	1	11/21/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/21/2005
Bromoform	ND	0.050		mg/Kg	1	11/21/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromoform	ND	0.050		mg/Kg	1	11/21/2005
Bromomethane	ND	0.10		mg/Kg	1	11/21/2005
2-Butanone	ND	0.50		mg/Kg	1	11/21/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/21/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/21/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Chloroethane	ND	0.10		mg/Kg	1	11/21/2005
Chloroform	ND	0.050		mg/Kg	1	11/21/2005
Chloromethane	ND	0.050		mg/Kg	1	11/21/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/21/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/21/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# Nall Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-41

**Client Sample ID:** SB23@39-44'  
**Collection Date:** 11/14/2005 10:58:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/21/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/21/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/21/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/21/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/21/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/21/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/21/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/21/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Styrene	ND	0.050		mg/Kg	1	11/21/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/21/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/21/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/21/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichloropropene	ND	0.10		mg/Kg	1	11/21/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/21/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/21/2005
Surr: 1,2-Dichloroethane-d4	103	74.2-135		%REC	1	11/21/2005
Surr: 4-Bromofluorobenzene	107	72.9-143		%REC	1	11/21/2005
Surr: Dibromofluoromethane	105	76.9-138		%REC	1	11/21/2005
Surr: Toluene-d8	80.4	70-126		%REC	1	11/21/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Ball Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-42

Client Sample ID: SB24@0-4'  
 Collection Date: 11/14/2005 12:42:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	7.7	0.30		mg/kg	1	12/3/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	320	10		mg/Kg	1	11/27/2005 2:57:37 PM
Motor Oil Range Organics (MRO)	110	50		mg/Kg	1	11/27/2005 2:57:37 PM
Surr: DNOP	113	60-124		%REC	1	11/27/2005 2:57:37 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/24/2005 2:54:34 AM
Surr: BFB	111	83.1-124		%REC	1	11/24/2005 2:54:34 AM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/21/2005
Toluene	ND	0.050		mg/Kg	1	11/21/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/21/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/21/2005
Naphthalene	ND	0.10		mg/Kg	1	11/21/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/21/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/21/2005
Acetone	ND	0.75		mg/Kg	1	11/21/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/21/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromoform	ND	0.050		mg/Kg	1	11/21/2005
Bromomethane	ND	0.10		mg/Kg	1	11/21/2005
2-Butanone	ND	0.50		mg/Kg	1	11/21/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/21/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/21/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Chloroethane	ND	0.10		mg/Kg	1	11/21/2005
Chloroform	ND	0.050		mg/Kg	1	11/21/2005
Chloromethane	ND	0.050		mg/Kg	1	11/21/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/21/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/21/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# All Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-42

Client Sample ID: SB24@0-4'

Collection Date: 11/14/2005 12:42:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/21/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/21/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/21/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/21/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/21/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/21/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/21/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/21/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Styrene	ND	0.050		mg/Kg	1	11/21/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/21/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/21/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/21/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/21/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/21/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/21/2005
Surr: 1,2-Dichloroethane-d4	99.5	74.2-135		%REC	1	11/21/2005
Surr: 4-Bromofluorobenzene	96.8	72.9-143		%REC	1	11/21/2005
Surr: Dibromofluoromethane	102	76.9-138		%REC	1	11/21/2005
Surr: Toluene-d8	72.7	70-126		%REC	1	11/21/2005

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# All Environmental Analysis Laboratory

Date: 09-Dec-05

CLIENT: Respec  
 Lab Order: 0511175  
 Project: General Petroleum  
 Lab ID: 0511175-43

Client Sample ID: SB24@39-44'  
 Collection Date: 11/14/2005 1:37:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	4.4	1.5		mg/kg	5	12/3/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	11	10		mg/Kg	1	11/27/2005 3:30:20 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/27/2005 3:30:20 PM
Surr: DNOP	96.7	60-124		%REC	1	11/27/2005 3:30:20 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/24/2005 3:54:43 AM
Surr: BFB	102	83.1-124		%REC	1	11/24/2005 3:54:43 AM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/21/2005
Toluene	ND	0.050		mg/Kg	1	11/21/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/21/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/21/2005
Naphthalene	ND	0.10		mg/Kg	1	11/21/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/21/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/21/2005
Acetone	ND	0.75		mg/Kg	1	11/21/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/21/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/21/2005
Bromoform	ND	0.050		mg/Kg	1	11/21/2005
Bromomethane	ND	0.10		mg/Kg	1	11/21/2005
2-Butanone	ND	0.50		mg/Kg	1	11/21/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/21/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/21/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Chloroethane	ND	0.10		mg/Kg	1	11/21/2005
Chloroform	ND	0.050		mg/Kg	1	11/21/2005
Chloromethane	ND	0.050		mg/Kg	1	11/21/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/21/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/21/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/21/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

# All Environmental Analysis Laboratory

Date: 09-Dec-05

**CLIENT:** Respec  
**Lab Order:** 0511175  
**Project:** General Petroleum  
**Lab ID:** 0511175-43

**Client Sample ID:** SB24@39-44'  
**Collection Date:** 11/14/2005 1:37:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/21/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/21/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/21/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/21/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/21/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/21/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/21/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/21/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/21/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/21/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/21/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
Styrene	ND	0.050		mg/Kg	1	11/21/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/21/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/21/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/21/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/21/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/21/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/21/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/21/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/21/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/21/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/21/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/21/2005
Surr: 1,2-Dichloroethane-d4	102	74.2-135		%REC	1	11/21/2005
Surr: 4-Bromofluorobenzene	98.1	72.9-143		%REC	1	11/21/2005
Surr: Dibromofluoromethane	106	76.9-138		%REC	1	11/21/2005
Surr: Toluene-d8	75.7	70-126		%REC	1	11/21/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: 09-Dec-05

**QC SUMMARY REPORT**  
Method Blank

CLIENT: Respec  
Work Order: 0511175  
Project: General Petroleum

Sample ID:	Batch ID:	Test ID:	Test Code:	Units:	mg/kg		Analysis Date:	12/2/2005		Prep Date:	12/1/2005
Client ID:		Run ID:	LC_051202A				SeqNo:	428118			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	ND	0.3									
Sample ID:	Batch ID:	Test ID:	Test Code:	Units:	mg/kg		Analysis Date:	12/2/2005		Prep Date:	12/2/2005
Client ID:		Run ID:	LC_051202A				SeqNo:	428148			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	ND	0.3									
Sample ID:	Batch ID:	Test ID:	Test Code:	Units:	mg/kg		Analysis Date:	11/22/2005 7:03:41 PM		Prep Date:	11/22/2005
Client ID:		Run ID:	FID(17A) 2_051122A				SeqNo:	425108			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10									
Motor Oil Range Organics (MRO)	ND	50									
Surr: DNOP	8.129	0	10	0	81.3	60	124	0			
Sample ID:	Batch ID:	Test ID:	Test Code:	Units:	mg/kg		Analysis Date:	11/23/2005 3:13:48 AM		Prep Date:	11/21/2005
Client ID:		Run ID:	FID(17A) 2_051122A				SeqNo:	425131			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10									
Motor Oil Range Organics (MRO)	ND	50									
Surr: DNOP	10.06	0	10	0	101	60	124	0			

Qualifiers:  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
J

# QC SUMMARY REPORT

Method Blank

**CLIENT:** Respec  
**Work Order:** 0511175  
**Project:** General Petroleum

Sample ID: MB-9233		Batch ID: 9233		Test Code: SW8015		Units: mg/Kg		Analysis Date: 11/24/2005 6:55:57 AM		Prep Date: 11/21/2005	
Client ID:		Run ID: FID(17A) 2_051122A		PQL		SPK value		SPK Ref Val		%REC	
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC	
Diesel Range Organics (DRO)	ND	10									
Motor Oil Range Organics (MRO)	ND	50									
Surr: DNOP	10.08	0	10		0					101	60
										124	0
Sample ID: MB-9255		Batch ID: 9255		Test Code: SW8015		Units: mg/Kg		Analysis Date: 11/24/2005 9:05:50 AM		Prep Date: 11/22/2005	
Client ID:		Run ID: FID(17A) 2_051122A		PQL		SPK value		SPK Ref Val		%REC	
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC	
Diesel Range Organics (DRO)	ND	10									
Motor Oil Range Organics (MRO)	ND	50									
Surr: DNOP	10.45	0	10		0					105	60
										124	0
Sample ID: mb-9220		Batch ID: 9220		Test Code: SW8015		Units: mg/Kg		Analysis Date: 11/22/2005 1:30:34 PM		Prep Date: 11/18/2005	
Client ID:		Run ID: PIDFID_051122B		PQL		SPK value		SPK Ref Val		%REC	
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC	
Gasoline Range Organics (GRO)	ND	5	0		0					0	
Surr: BFB	997.7	0	1000		0					99.8	83.1
										124	0
Sample ID: mb-9225		Batch ID: 9225		Test Code: SW8015		Units: mg/Kg		Analysis Date: 11/23/2005 10:08:34 A		Prep Date: 11/19/2005	
Client ID:		Run ID: PIDFID_051123A		PQL		SPK value		SPK Ref Val		%REC	
Analyte		Result		PQL		SPK value		SPK Ref Val		%REC	
Gasoline Range Organics (GRO)	ND	5	0	1000		0				97.9	83.1
Surr: BFB	979.3	0								124	0

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Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**QC SUMMARY REPORT**

Method Blank

<b>CLIENT:</b>	Respec
<b>Work Order:</b>	0511175
<b>Project:</b>	General Petroleum
<hr/>	
Sample ID: mb-9226	Batch ID: 9226
Client ID:	Run ID: <b>PIDFD_051128B</b>
Analyte	Result
Gasoline Range Organics (GRO)	ND
Surr: BFB	0
Sample ID: mb-9226	Batch ID: 9226
Client ID:	Run ID: <b>PIDFD_051128A</b>
Analyte	Result
Gasoline Range Organics (GRO)	ND
Surr: BFB	0

<b>Sample ID: mb-9226</b>	<b>Batch ID: 9226</b>	<b>Test Code: SW8015</b>	<b>Units: mg/Kg</b>	<b>Analysis Date: 11/24/2005 1:23:59 AM</b>	<b>Prep Date: 11/20/2005</b>
Client ID:	Run ID: <b>PIDFD_051128B</b>	SeqNo: <b>425567</b>	%REC	LowLimit	HighLimit
Analyte	Result	PQL	SPIK value	SPK Ref Val	RPD Ref Val
Gasoline Range Organics (GRO)	ND	5			
Surr: BFB	1023	0	1000	0	102
<b>Sample ID: mb-9226</b>	<b>Batch ID: 9226</b>	<b>Test Code: SW8015</b>	<b>Units: mg/Kg</b>	<b>Analysis Date: 11/28/2005 1:46:27 PM</b>	<b>Prep Date: 11/20/2005</b>
Client ID:	Run ID: <b>PIDFD_051128A</b>	SeqNo: <b>425855</b>	%REC	LowLimit	HighLimit
Analyte	Result	PQL	SPIK value	SPK Ref Val	RPD Ref Val
Gasoline Range Organics (GRO)	ND	5			
Surr: BFB	1017	0	1000	0	102

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

**S - Spike Recovery outside accepted recovery limits**  
**R - RPD outside accepted recovery limits**

**B - Analyte detected in the associated Method Blank**  
**J - Analyte detected below quantitation limits**

# QC SUMMARY REPORT

Method Blank

Client ID:	Sample ID:	Batch ID:	Test Code:	Run ID:	Analysis Date:	SeqNo:	Prep Date:				
Project:	Sample ID:	Batch ID:	Units:	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPD Limit	Qual
	mb-9220	9220	mg/Kg								
			THOR_051118B								
				PQL	SPK value	SPK Ref Val					
Analyte		Result									
Benzene		ND		0.05							
Toluene		ND		0.05							
Ethylbenzene		ND		0.05							
Methyl tert-butyl ether (MTBE)		ND		0.05							
1,2,4-Trimethylbenzene		ND		0.05							
1,3,5-Trimethylbenzene		ND		0.05							
1,2-Dichloroethane (EDC)		ND		0.05							
1,2-Dibromoethane (EDB)		ND		0.05							
Naphthalene		ND		0.1							
1-Methyl/naphthalene		ND		0.2							
2-Methylnaphthalene		ND		0.2							
Acetone		ND		0.75							
Bromobenzene		ND		0.05							
Bromochloromethane		ND		0.05							
Bromodichloromethane		ND		0.05							
Bromoform		ND		0.05							
Bromomethane		ND		0.1							
2-Butanone		ND		0.5							
Carbon disulfide		ND		0.5							
Carbon tetrachloride		ND		0.1							
Chlorobenzene		ND		0.05							
Chloroethane		ND		0.1							
Chloroform		ND		0.05							
Chloromethane		ND		0.05							
2-Chlorotoluene		ND		0.05							
4-Chlorotoluene		ND		0.05							
cis-1,2-DCE		ND		0.05							
cis-1,3-Dichloropropene		ND		0.05							

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**QC SUMMARY REPORT**  
Method Blank

<b>CLIENT:</b>	Respec
<b>Work Order:</b>	0511175
<b>Project:</b>	General Petroleum
1,2-Dibromo-3-chloropropane	ND
Dibromochloromethane	ND
Dibromomethane	ND
1,2-Dichlorobenzene	ND
1,3-Dichlorobenzene	ND
1,4-Dichlorobenzene	ND
Dichlorodifluoromethane	ND
1,1-Dichloroethane	ND
1,1-Dichloroethene	ND
1,2-Dichloropropane	ND
1,3-Dichloropropane	ND
2,2-Dichloropropane	ND
1,1-Dichloropropene	ND
Hexachlorobutadiene	ND
2-Hexanone	ND
Isopropylbenzene	ND
4-Isopropyltoluene	ND
4-Methyl-2-pentanone	ND
Methylene chloride	ND
n-Butylbenzene	ND
n-Propylbenzene	ND
sec-Butylbenzene	ND
Styrene	ND
tert-Butylbenzene	ND
1,1,1,2-Tetrachloroethane	ND
1,1,2,2-Tetrachloroethane	ND
Tetrachloroethene (PCE)	ND
trans-1,2-DCE	ND
trans-1,3-Dichloropropene	ND
1,2,3-Trichlorobenzene	ND
1,2,4-Trichlorobenzene	ND
1,1,1-Trichloroethane	ND
1,1,2-Trichloroethane	ND

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**QC SUMMARY REPORT**  
Method Blank

CLIENT:	Respec
Work Order:	0511175
Project:	General Petroleum

Trichloroethene (TCE)	ND	0.05
Trichlorofluoromethane	ND	0.05
1,2,3-Trichloropropane	ND	0.1
Vinyl chloride	ND	0.05
Xylenes, Total	ND	0.05
Surr: 1,2-Dichloroethane-d4	0.5161	0
Surr: 4-Bromofluorobenzene	0.5282	0
Surr: Dibromofluoromethane	0.5054	0
Surr: Toluene-d8	0.4208	0

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
6

# QC SUMMARY REPORT

Method Blank

CLIENT:	Respec	Work Order:	0511175	Project:	General Petroleum	Sample ID: mb-9225	Batch ID: 9225	Test Code: SW8260B	Units: mg/Kg	Analysis Date: 11/20/2005	Prep Date: 11/19/2005			
Client ID:			<th></th> <th></th> <th></th> <th></th> <th>Run ID: THOR_051118B</th> <th>SeqNo: 424318</th> <th>%RPD</th> <th>RPDLimit</th> <th>Qual</th>					Run ID: THOR_051118B	SeqNo: 424318	%RPD	RPDLimit	Qual		
Analyte								PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val
Benzene								ND	0.05					
Toluene								ND	0.05					
Ethylbenzene								ND	0.05					
Methyl tert-butyl ether (MTBE)								ND	0.05					
1,2,4-Trimethylbenzene								ND	0.05					
1,3,5-Trimethylbenzene								ND	0.05					
1,2-Dichloroethane (EDC)								ND	0.05					
1,2-Dibromoethane (EDB)								ND	0.05					
Naphthalene								ND	0.1					
1-Methylnaphthalene								ND	0.2					
2-Methylnaphthalene								ND	0.2					
Acetone								ND	0.75					
Bromobenzene								ND	0.05					
Bromochloromethane								ND	0.05					
Bromodichloromethane								ND	0.05					
Bromoform								ND	0.05					
Bromomethane								ND	0.1					
2-Butanone								ND	0.5					
Carbon disulfide								ND	0.5					
Carbon tetrachloride								ND	0.1					
Chlorobenzene								ND	0.05					
Chloroethane								ND	0.1					
Chloroform								ND	0.05					
Chloromethane								ND	0.05					
2-Chirotoluene								ND	0.05					
4-Chirotoluene								ND	0.05					
cis-1,2-DCE								ND	0.05					
cis-1,3-Dichloropropene								ND	0.05					

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**QC SUMMARY REPORT**  
Method Blank

CLIENT: Respec  
 Work Order: 0511175  
 Project: General Petroleum

1,2-Dibromo-3-chloropropane	ND	0.1
Dibromochloromethane	ND	0.05
Dibromomethane	ND	0.1
1,2-Dichlorobenzene	ND	0.05
1,3-Dichlorobenzene	ND	0.05
1,4-Dichlorobenzene	ND	0.05
Dichlorodifluoromethane	ND	0.05
1,1-Dichloroethane	ND	0.05
1,1-Dichloroethylene	ND	0.05
1,2-Dichloropropane	ND	0.05
1,3-Dichloropropane	ND	0.05
2,2-Dichloropropane	ND	0.1
2,2-Dichloropropene	ND	0.05
Hexachlorobutadiene	ND	0.05
2-Hexanone	ND	0.5
Isopropylbenzene	ND	0.05
4-Isopropyltoluene	ND	0.05
4-Methyl-2-pentanone	ND	0.5
Methylene chloride	ND	0.15
n-Butylbenzene	ND	0.05
n-Propylbenzene	ND	0.05
sec-Butylbenzene	ND	0.05
Styrene	ND	0.05
tert-Butylbenzene	ND	0.05
1,1,1,2-Tetrachloroethane	ND	0.05
1,1,2,2-Tetrachloroethane	ND	0.05
Tetrachloroethene (PCE)	ND	0.05
trans-1,2-DCE	ND	0.05
trans-1,3-Dichloropropene	ND	0.05
1,2,3-Trichlorobenzene	ND	0.1
1,2,4-Trichlorobenzene	ND	0.05
1,1,1-Trichloroethane	ND	0.05
1,1,2-Trichloroethane	ND	0.05

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**QC SUMMARY REPORT**  
Method Blank

CLIENT:	Respec
Work Order:	0511175
Project:	General Petroleum

Trichloroethene (TCE)	ND	0.05
Trichlorofluoromethane	ND	0.05
1,2,3-Trichloropropane	ND	0.1
Vinyl chloride	ND	0.05
Xylenes, Total	ND	0.05
Surr: 1,2-Dichloroethane-d4	0.512	0
Surr: 4-Bromofluorobenzene	0.5301	0
Surr: Dibromofluoromethane	0.5123	0
Surr: Toluene-d8	0.4218	0

Qualifiers:

ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
9

# QC SUMMARY REPORT

Method Blank

CLIENT:	Respec	Sample ID:	mb-9226	Batch ID:	9226	Test Code:	<b>SW8260B</b>	Units:	mg/Kg	Analysis Date:	11/21/2005	Prep Date: 11/20/2005		
Work Order:	0511175	Client ID:		Run ID:	<b>THOR_051118C</b>	%REC		SeqNo:	<b>424791</b>	%RPD		RPDLimit	Qual	
Project:	General Petroleum	Analyte	Result	PQL	SPK value	SPK Ref Val		LowLimit	HighLimit	RPD Ref Val				
Benzene	ND	0.05												
Toluene	ND	0.05												
Ethylbenzene	ND	0.05												
Methyl tert-butyl ether (MTBE)	0.0465	0.05												
1,2,4-Trimethylbenzene	ND	0.05												
1,3,5-Trimethylbenzene	ND	0.05												
1,2-Dichloroethane (EDC)	ND	0.05												
1,2-Dibromoethane (EDB)	ND	0.05												
Naphthalene	ND	0.1												
1-Methylnaphthalene	ND	0.2												
2-Methylnaphthalene	ND	0.2												
Acetone	ND	0.75												
Bromobenzene	ND	0.05												
Bromochloromethane	ND	0.05												
Bromodichloromethane	ND	0.05												
Bromoform	ND	0.05												
Bromomethane	ND	0.1												
2-Butanone	ND	0.5												
Carbon disulfide	ND	0.5												
Carbon tetrachloride	ND	0.1												
Chlorobenzene	ND	0.05												
Chloroethane	ND	0.1												
Chloroform	ND	0.05												
Chloromethane	ND	0.05												
2-Chlorotoluene	ND	0.05												
4-Chlorotoluene	ND	0.05												
cis-1,2-DCE	ND	0.05												
cis-1,3-Dichloropropene	ND	0.05												

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

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**QC SUMMARY REPORT**  
Method Blank

<b>CLIENT:</b>	Respec
<b>Work Order:</b>	0511175
<b>Project:</b>	General Petroleum
1,2-Dibromo-3-chloropropane	ND
Dibromochloromethane	ND
Dibromomethane	ND
1,2-Dichlorobenzene	ND
1,3-Dichlorobenzene	ND
1,4-Dichlorobenzene	ND
Dichlorodifluoromethane	ND
1,1-Dichloroethane	ND
1,1-Dichloroethene	ND
1,2-Dichloropropane	ND
1,3-Dichloropropane	ND
2,2-Dichloropropane	ND
1,1-Dichloropropene	ND
Hexachlorobutadiene	ND
2-Hexanone	ND
Isopropylbenzene	ND
4-Isopropyltoluene	ND
4-Methyl-2-pentanone	ND
Methylene chloride	ND
n-Butylbenzene	ND
n-Propylbenzene	ND
sec-Butylbenzene	ND
Styrene	ND
tert-Butylbenzene	ND
1,1,1,2-Tetrachloroethane	ND
1,1,2,2-Tetrachloroethane	ND
Tetrachloroethene (PCE)	ND
trans-1,2-DCE	ND
trans-1,3-Dichloropropene	ND
1,2,3-Trichlorobenzene	ND
1,2,4-Trichlorobenzene	ND
1,1,1-Trichloroethane	ND
1,1,2-Trichloroethane	ND

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Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

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**QC SUMMARY REPORT**  
Method Blank

<b>CLIENT:</b>	Respec
<b>Work Order:</b>	0511175
<b>Project:</b>	General Petroleum

Trichloroethene (TCE)	ND	0.05
Trichlorofluoromethane	ND	0.05
1,2,3-Trichloropropane	ND	0.1
Vinyl chloride	ND	0.05
Xylenes, Total	ND	0.05
Surr: 1,2-Dichloroethane-d4	0.4964	0
Surr: 4-Bromofluorobenzene	0.5452	0
Surr: Dibromofluoromethane	0.5136	0
Surr: Toluene-d8	0.4063	0

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
I2

## Hall Environmental Analysis Laboratory

Date: 09-Dec-05

**QC SUMMARY REPORT**

Sample Duplicate

**CLIENT:** Respec  
**Work Order:** 0511175  
**Project:** General Petroleum

Sample ID:	Batch ID:	Test Code:	Units:	Analysis Date: 12/2/2005			Prep Date:				
Client ID:		Run ID:	mg/kg	SeqNo:	428145						
Analyte		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride		33.21	1.5	0	0	0	0	33.61	1.21	20	
Sample ID:	Batch ID:	Test Code:	Units:	Analysis Date: 12/3/2005			Prep Date:				
Client ID:		Run ID:	mg/kg	SeqNo:	428174						
Analyte		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride		89.03	0.3	0	0	0	0	86.04	3.42	20	

Qualifiers:

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 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
 I

## Hall Environmental Analysis Laboratory

Date: 09-Dec-05

## QC SUMMARY REPORT

Sample Matrix Spike

**CLIENT:** Respec  
**Work Order:** 0511175  
**Project:** General Petroleum

		Batch ID: 9310	Test Code: E300	Units: mg/kg	Analysis Date: 12/2/2005		Prep Date: 12/1/2005	
Sample ID:	0511175-20A MS	Run ID: LC_051202A		SeqNo:	428146	%RPD	RPDLimit	Qual
Client ID:	SB7@24-29'	Result:	PQL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val
Analyte	Chloride	45.37	1.5	14.29	33.61	82.3	80	120 0
Sample ID:	0511175-20A MSD	Batch ID: 9310	Test Code: E300	Units: mg/kg	Analysis Date: 12/2/2005		Prep Date: 12/1/2005	
Client ID:	SB7@24-29'	Run ID: LC_051202A		SeqNo:	428147	%RPD	RPDLimit	Qual
Analyte	Chloride	43.66	1.5	14.29	33.61	70.4	80	120 45.37 3.82 20 S
Sample ID:	0511175-01AMS	Batch ID: 9229	Test Code: SW8015	Units: mg/Kg	Analysis Date: 11/27/2005 4:35:49 PM		Prep Date: 11/21/2005	
Client ID:	SB15@39-44'	Run ID: FID(17A) 2_051126A		SeqNo:	425536	%RPD	RPDLimit	Qual
Analyte	Diesel Range Organics (DRO) Surr: DNOP	Result:	PQL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val
	44.72 5.26	10 0	50 5	0 0	89.4 105	67.4 74	117 125	0 0
Sample ID:	0511175-01AMSD	Batch ID: 9229	Test Code: SW8015	Units: mg/Kg	Analysis Date: 11/27/2005 5:08:39 PM		Prep Date: 11/21/2005	
Client ID:	SB15@39-44'	Run ID: FID(17A) 2_051126A		SeqNo:	425537	%RPD	RPDLimit	Qual
Analyte	Diesel Range Organics (DRO) Surr: DNOP	Result:	PQL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val
	49.02 5.057	10 0	50 5	0 0	98.0 101	67.4 74	117 125	44.72 5.26 9.16 17.4 3.94 0

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Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
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**QC SUMMARY REPORT**  
Sample Matrix Spike

CLIENT: Respec  
 Work Order: 0511175  
 Project: General Petroleum

Sample ID: 0511175-20AMS		Batch ID: 9233		Test Code: SW8015		Units: mg/Kg		Analysis Date: 11/28/2005 2:52:18 AM		Prep Date: 11/21/2005				
Client ID: SB7@24-29'		Run ID: FID(17A) 2_051126A		Run ID: PQL		SPK value SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Analyte	Diesel Range Organics (DRO)	Result	56.39	10	50	12.41	88.0	67.4	117	117	0			
	Surr DNOP		3.9688	0	5	0	79.4	74	125	125	0			
Sample ID: 0511175-20AMSD		Batch ID: 9233		Test Code: SW8015		Units: mg/Kg		Analysis Date: 11/28/2005 3:25:06 AM		Prep Date: 11/21/2005				
Client ID: SB7@24-29'		Run ID: FID(17A) 2_051126A		Run ID: PQL		SPK value SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Analyte	Diesel Range Organics (DRO)	Result	54.26	10	50	12.41	83.7	67.4	117	56.39	3.84	17.4		
	Surr DNOP		3.9556	0	5	0	79.1	74	125	3.968	0.303	0		
Sample ID: 0511175-12a ms		Batch ID: 9220		Test Code: SW8015		Units: mg/Kg		Analysis Date: 11/23/2005 2:38:55 AM		Prep Date: 11/18/2005				
Client ID: SB21@39-44'		Run ID: PIDFID_051122B		Run ID: PQL		SPK value SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Analyte	Gasoline Range Organics (GRO)	Result	23.36	5	25	0	93.4	84	120	120	0			
	Surr: BFB		1098	0	1000	0	110	83.1	124	124	0			
Sample ID: 0511175-12a msd		Batch ID: 9220		Test Code: SW8015		Units: mg/Kg		Analysis Date: 11/23/2005 3:09:10 AM		Prep Date: 11/18/2005				
Client ID: SB21@39-44'		Run ID: PIDFID_051122B		Run ID: PQL		SPK value SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Analyte	Gasoline Range Organics (GRO)	Result	23.12	5	25	0	92.5	84	120	23.36	1.03	11.6		
	Surr: BFB		1128	0	1000	0	113	83.1	124	1098	2.74	0		

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**QC SUMMARY REPORT**  
Sample Matrix Spike

CLIENT: Respec  
Work Order: 0511175  
Project: General Petroleum

Sample ID: 0511175-28a msd		Batch ID: 9225		Test Code: SW8015		Units: mg/Kg		Analysis Date: 11/23/2005 11:53:07 P		Prep Date: 11/19/2005		
Client ID: SB11@24-29'				Run ID: PIDFID_051123A				SeqNo: 425565				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	Surr: BFB	25.31	5	25	0	101	84	120	0			
		1175	0	1000	0	118	83.1	124	0			
Sample ID: 0511175-28a msd		Batch ID: 9225		Test Code: SW8015		Units: mg/Kg		Analysis Date: 11/24/2005 12:23:22 A		Prep Date: 11/19/2005		
Client ID: SB11@24-29'				Run ID: PIDFID_051123A				SeqNo: 425566				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	Surr: BFB	22.54	5	25	0	90.2	84	120	25.31	11.6	11.6	
		1147	0	1000	0	115	83.1	124	1175	2.47	0	
Sample ID: 0511175-11a ms		Batch ID: 9220		Test Code: SW8260B		Units: mg/Kg		Analysis Date: 11/20/2005		Prep Date: 11/18/2005		
Client ID: SB20@44-49'				Run ID: THOR_051118B				SeqNo: 424269				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene		1.165	0.05	1	0	115	80.8	132	0			
Toluene		0.9303	0.05	1	0	93.0	72.1	126	0			
Chlorobenzene		1.318	0.05	1	0	132	83	124	0			
1,1-Dichloroethene		1.107	0.05	1	0	111	59	147	0			
Trichloroethene (TCE)		1.082	0.05	1	0	108	77.2	123	0			
Surr: 1,2-Dichloroethane-d4		0.5207	0	0.5	0	104	74.2	135	0			
Surr: 4-Bromofluorobenzene		0.4738	0	0.5	0	94.8	72.9	143	0			
Surr: Dibromofluoromethane		0.5218	0	0.5	0	104	76.9	138	0			
Surr: Toluene-d8		0.4189	0	0.5	0	83.8	70	126	0			

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Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**QC SUMMARY REPORT**  
Sample Matrix Spike Duplicate

CLIENT: Respec  
Work Order: 0511175  
Project: General Petroleum

Sample ID: 0511175-11a msd		Batch ID: 9220		Test Code: SW8260B		Units: mg/Kg		Analysis Date: 11/20/2005		Prep Date: 11/18/2005	
Client ID: SB20@44-49'				Run ID: THOR_051118B				SeqNo: 424279			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	1.116	0.05	1	0	112	80.8	132	1.155	3.37	20	
Toluene	0.9	0.05	1	0	90.0	72.1	126	0.9303	3.31	20	
Chlorobenzene	1.223	0.05	1	0	122	83	124	1.318	7.48	20	
1,1-Dichloroethene	1.003	0.05	1	0	100	59	147	1.107	9.84	20	
Trichloroethene (TCE)	1.018	0.05	1	0	102	77.2	123	1.082	6.15	20	
Surr: 1,2-Dichloroethane-d4	0.519	0	0.5	0	104	74.2	135	0.5207	0.327	0	
Surr: 4-Bromofluorobenzene	0.4816	0	0.5	0	96.3	72.9	143	0.4738	1.63	0	
Surr: Dibromofluoromethane	0.5113	0	0.5	0	102	76.9	138	0.5218	2.03	0	
Surr: Toluene-d8	0.3982	0	0.5	0	79.6	70	126	0.4189	5.07	0	
Sample ID: 0511175-30a ms		Batch ID: 9225		Test Code: SW8260B		Units: mg/Kg		Analysis Date: 11/20/2005		Prep Date: 11/19/2005	
Client ID: SB12@19-24'				Run ID: THOR_051118B				SeqNo: 424329			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	1.088	0.05	1	0	109	80.8	132	1.32	0		
Toluene	0.8573	0.05	1	0	85.7	72.1	126	0			
Chlorobenzene	1.206	0.05	1	0	121	83	124	0			
1,1-Dichloroethene	0.9226	0.05	1	0	92.3	59	147	0			
Trichloroethene (TCE)	0.9818	0.05	1	0	98.2	77.2	123	0			
Surr: 1,2-Dichloroethane-d4	0.5021	0	0.5	0	100	74.2	135	0			
Surr: 4-Bromofluorobenzene	0.5006	0	0.5	0	101	72.9	143	0			
Surr: Dibromofluoromethane	0.5194	0	0.5	0	104	76.9	138	0			
Surr: Toluene-d8	0.3898	0	0.5	0	78.0	70	126	0			

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**QC SUMMARY REPORT**  
Sample Matrix Spike Duplicate

CLIENT: Respec  
Work Order: 0511175  
Project: General Petroleum

Sample ID: 0511175-30a msd Batch ID: 9225 Test Code: SW8260B Units: mg/Kg

Client ID: SB12@19-24' Run ID: THOR\_051118B SeqNo: 424330 Analysis Date: 11/21/2005 Prep Date: 11/19/2005

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	1.057	0.05	1	0	106	80.8	132	1.088	2.94	20	
Toluene	0.8358	0.05	1	0	83.6	72.1	126	0.8573	2.54	20	
Chlorobenzene	1.173	0.05	1	0	117	83	124	1.206	2.75	20	
1,1-Dichloroethene	0.9949	0.05	1	0	99.5	59	147	0.9226	7.54	20	
Trichloroethene (TCE)	1.012	0.05	1	0	101	77.2	123	0.9818	2.98	20	
Surr: 1,2-Dichloroethane-d4	0.5034	0	0.5	0	101	74.2	135	0.5021	0.259	0	
Surr: 4-Bromofluorobenzene	0.5149	0	0.5	0	103	72.9	143	0.5056	1.74	0	
Surr: Dibromofluoromethane	0.5019	0	0.5	0	100	76.9	138	0.5194	3.43	0	
Surr: Toluene-d8	0.388	0	0.5	0	77.6	70	126	0.3898	0.463	0	

Sample ID: 0511175-41a ms	Batch ID: 9226	Test Code: SW8260B	Units: mg/Kg	Run ID: THOR_051118C	SeqNo: 424793	Analysis Date: 11/21/2005	Prep Date: 11/20/2005				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	1.128	0.05	1	0	113	80.8	132				
Toluene	0.8382	0.05	1	0	83.8	72.1	126				
Chlorobenzene	1.405	0.05	1	0	141	83	124				
1,1-Dichloroethene	0.9688	0.05	1	0	98.9	59	147				
Trichloroethene (TCE)	1.03	0.05	1	0	103	77.2	123				
Surr: 1,2-Dichloroethane-d4	0.4685	0	0.5	0	93.7	74.2	135				
Surr: 4-Bromofluorobenzene	0.5164	0	0.5	0	103	72.9	143				
Surr: Dibromofluoromethane	0.4812	0	0.5	0	96.2	76.9	138				
Surr: Toluene-d8	0.3553	0	0.5	0	71.1	70	126				

Qualifiers:

ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**QC SUMMARY REPORT**  
Sample Matrix Spike Duplicate

CLIENT: Respec  
Work Order: 0511175  
Project: General Petroleum

Sample ID:	0511175-41a msd	Batch ID:	9226	Test Code:	SW8260B	Units:	mg/Kg	Run ID:	THOR_051118C	Analysis Date:	11/21/2005	SeqNo:	424794	Prep Date:	11/20/2005	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC		LowLimit	HighLimit	RPD	Ref Val			%RPD	RPDLimit	Qual
Benzene	1.189	0.05	1	0	119	80.8		132	1.128	5.32	20					
Toluene	0.9502	0.05	1	0	95.0	72.1		126	0.8382	12.5	20					
Chlorobenzene	1.394	0.05	1	0	139	83		124	1.405	0.836	20	S				
1,1-Dichloroethene	0.9171	0.05	1	0	91.7	59		147	0.9888	7.52	20					
Trichloroethene (TCE)	1.03	0.05	1	0	103	77.2		123	1.03	0.0533	20					
Surr: 1,2-Dichloroethane-d4	0.4896	0	0.5	0	97.9	74.2		135	0.4685	4.40	0					
Surr: 4-Bromofluorobenzene	0.5046	0	0.5	0	101	72.9		143	0.5164	2.31	0					
Surr: Dibromofluoromethane	0.4897	0	0.5	0	97.9	76.9		138	0.4812	1.75	0					
Surr: Toluene-d8	0.3952	0	0.5	0	79.0	70		126	0.3553	10.6	0					

Qualifiers:  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Hall Environmental Analysis Laboratory

**QC SUMMARY REPORT**  
Laboratory Control Spike - generic

Date: 09-Dec-05

CLIENT: Respec  
Work Order: 0511175  
Project: General Petroleum

Sample ID:	Batch ID:	Test ID:	Test Code:	Units:	mg/kg	Analysis Date:	12/2/2005	Prep Date:	12/1/2005		
Client ID:		Run ID:	LC_051202A			SeqNo:	428120				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	14.84	0.3	15	0	99.0	90	110	0			
Sample ID:	Batch ID:	Test ID:	Test Code:	Units:	mg/kg	Analysis Date:	12/2/2005	Prep Date:	12/2/2005		
Client ID:		Run ID:	LC_051202A			SeqNo:	428149				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	14.79	0.3	15	0	98.6	90	110	0			
Sample ID:	Batch ID:	Test ID:	Test Code:	Units:	mg/kg	Analysis Date:	12/3/2005	Prep Date:	12/2/2005		
Client ID:		Run ID:	LC_051203A			SeqNo:	428367				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	14.85	0.3	15	0	99.0	90	110	0			
Sample ID:	Batch ID:	Test ID:	Test Code:	Units:	mg/Kg	Analysis Date:	11/22/2005 7:36:10 PM	Prep Date:	11/22/2005		
Client ID:		Run ID:	FID(17A) 2_051122A			SeqNo:	425111				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48.08	10	50	0	96.2	67.4	117	0			
Sample ID:	Batch ID:	Test ID:	Test Code:	Units:	mg/Kg	Analysis Date:	11/22/2005 8:08:38 PM	Prep Date:	11/22/2005		
Client ID:		Run ID:	FID(17A) 2_051122A			SeqNo:	425112				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46.7	10	50	0	93.4	67.4	117	48.08	2.91	17.4	

Qualifiers:

NID - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
/

**QC SUMMARY REPORT**  
Laboratory Control Spike - generic

CLIENT: Respec  
Work Order: 0511175  
Project: General Petroleum

Sample ID: LCS-9229		Batch ID: 9229	Test Code: SW8015	Units: mg/Kg		Analysis Date: 11/23/2005 3:46:52 AM		Prep Date: 11/21/2005				
Client ID:		Run ID: FID(17A) 2_051122A		SeqNo:	425133	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Analyte	Diesel Range Organics (DRO)	Result: 46.33	PQL: 10	SPK value: 50	SPK Ref Val: 0	%REC: 92.7	LowLimit: 67.4	HighLimit: 117	RPD Ref Val: 0	%RPD: 1.40	RPDLimit: 17.4	Qual: 425133
Sample ID: LCSD-9229	Batch ID: 9229	Test Code: SW8015	Units: mg/Kg	Analysis Date: 11/23/2005 4:18:12 AM		Prep Date: 11/21/2005						
Client ID:		Run ID: FID(17A) 2_051122A		SeqNo:	425133	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Analyte	Diesel Range Organics (DRO)	Result: 46.98	PQL: 10	SPK value: 50	SPK Ref Val: 0	%REC: 94.0	LowLimit: 67.4	HighLimit: 117	RPD Ref Val: 46.33	%RPD: 1.40	RPDLimit: 17.4	Qual: 425133
Sample ID: LCS-9233	Batch ID: 9233	Test Code: SW8015	Units: mg/Kg	Analysis Date: 11/24/2005 7:28:44 AM		Prep Date: 11/21/2005						
Client ID:		Run ID: FID(17A) 2_051122A		SeqNo:	425500	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Analyte	Diesel Range Organics (DRO)	Result: 48.85	PQL: 10	SPK value: 50	SPK Ref Val: 0	%REC: 97.7	LowLimit: 67.4	HighLimit: 117	RPD Ref Val: 0	%RPD: 1.40	RPDLimit: 17.4	Qual: 425500
Sample ID: LCSD-9233	Batch ID: 9233	Test Code: SW8015	Units: mg/Kg	Analysis Date: 11/24/2005 8:00:02 AM		Prep Date: 11/21/2005						
Client ID:		Run ID: FID(17A) 2_051122A		SeqNo:	425501	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Analyte	Diesel Range Organics (DRO)	Result: 46.34	PQL: 10	SPK value: 50	SPK Ref Val: 0	%REC: 92.7	LowLimit: 67.4	HighLimit: 117	RPD Ref Val: 48.85	%RPD: 1.40	RPDLimit: 17.4	Qual: 425501
Sample ID: LCS-9255	Batch ID: 9255	Test Code: SW8015	Units: mg/Kg	Analysis Date: 11/24/2005 9:38:51 AM		Prep Date: 11/22/2005						
Client ID:		Run ID: FID(17A) 2_051122A		SeqNo:	425506	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Analyte	Diesel Range Organics (DRO)	Result: 44.59	PQL: 10	SPK value: 50	SPK Ref Val: 0	%REC: 89.2	LowLimit: 67.4	HighLimit: 117	RPD Ref Val: 0	%RPD: 1.40	RPDLimit: 17.4	Qual: 425506

Qualifiers:

ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits  
B - Analyte detected in the associated Method Blank

# QC SUMMARY REPORT

Laboratory Control Spike Duplicate

Client ID:	Work Order:	Project:	Test Code: SW8015 Units: mg/Kg												Analysis Date: 11/24/2005 10:11:38 A	Prep Date: 11/22/2005
			PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual				
			Result:	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual			
		Diesel Range Organics (DRO)	49.78	10	50	0	99.6	67.4	117	44.59	11.0	17.4				
		Sample ID: lcs-9220	Batch ID: 9220	Test Code: SW8015	Units: mg/Kg											
			Client ID:	Run ID: PIDFD_051122A												
		Analyte	Result:	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual			
		Gasoline Range Organics (GRO)	25.54	5	25	0	102	84	120	0						
		Sample ID: lcs-9225	Batch ID: 9225	Test Code: SW8015	Units: mg/Kg											
			Client ID:	Run ID: PIDFD_051123A												
		Analyte	Result:	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual			
		Gasoline Range Organics (GRO)	25.48	5	25	0	102	84	120	0						
		Sample ID: lcs-9226	Batch ID: 9226	Test Code: SW8015	Units: mg/Kg											
			Client ID:	Run ID: PIDFD_051123B												
		Analyte	Result:	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual			
		Gasoline Range Organics (GRO)	25.24	5	25	0	101	84	120	0						
		Sample ID: lcs-9226	Batch ID: 9226	Test Code: SW8015	Units: mg/Kg											
			Client ID:	Run ID: PIDFD_051128A												
		Analyte	Result:	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual			
		Gasoline Range Organics (GRO)	25.2	5	25	0	101	84	120	0						

Qualifiers:

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

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

# QC SUMMARY REPORT

Laboratory Control Spike - generic

CLIENT: Respec  
 Work Order: 0511175  
 Project: General Petroleum

Sample ID: Ics-9220		Batch ID: 9220		Test Code: SW8260B		Units: mg/Kg		Analysis Date: 11/19/2005		Prep Date: 11/18/2005	
Client ID:		Run ID: THOR_051118B		PQL		SPK value		SPK Ref Val		SeqNo: 424265	
Analyte		Result		%REC						%RPD	
Benzene	1.015	0.05	1	0	101	80.8	132	0			
Toluene	0.7464	0.05	1	0	74.6	72.1	126	0			
Chlorobenzene	0.9937	0.05	1	0	99.4	83	124	0			
1,1-Dichloroethene	0.8636	0.05	1	0	87.0	59	147	0			
Trichloroethene (TCE)	0.8639	0.05	1	0	86.9	77.2	123	0			
Sample ID: Ics-9225		Batch ID: 9225		Test Code: SW8260B		Units: mg/Kg		Analysis Date: 11/20/2005		Prep Date: 11/19/2005	
Client ID:		Run ID: THOR_051118B		PQL		SPK value		SPK Ref Val		SeqNo: 424327	
Analyte		Result		%REC						%RPD	
Benzene	1.014	0.05	1	0	101	80.8	132	0			
Toluene	0.7524	0.05	1	0	75.2	72.1	126	0			
Chlorobenzene	1.083	0.05	1	0	108	83	124	0			
1,1-Dichloroethene	0.8743	0.05	1	0	87.4	59	147	0			
Trichloroethene (TCE)	0.9004	0.05	1	0	90.0	77.2	123	0			
Sample ID: Ics-9226		Batch ID: 9226		Test Code: SW8260B		Units: mg/Kg		Analysis Date: 11/21/2005		Prep Date: 11/20/2005	
Client ID:		Run ID: THOR_051118C		PQL		SPK value		SPK Ref Val		SeqNo: 424792	
Analyte		Result		%REC						%RPD	
Benzene	1.004	0.05	1	0	100	80.8	132	0			
Toluene	0.7508	0.05	1	0	75.1	72.1	126	0			
Chlorobenzene	1.098	0.05	1	0	110	83	124	0			
1,1-Dichloroethene	0.8875	0.05	1	0	88.8	59	147	0			
Trichloroethene (TCE)	0.9096	0.05	1	0	91.0	77.2	123	0			

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Qualifiers:

ND - Not Detected at the Reporting Limit  
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# Hall Environmental Analysis Laboratory

## Sample Receipt Checklist

Client Name RESPEC

Date and Time Received:

11/16/2005

Work Order Number 0511175

Received by AT

Checklist completed by

Signature

Date

E. Schupppe 11/17/05

Matrix

Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/> Not Shipped <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Water - VOA vials have zero headspace?	No VOA vials submitted <input checked="" type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Container/Temp Blank temperature?	13°	4° C ± 2 Acceptable If given sufficient time to cool.	

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## CHAIN-OF-CUSTODY RECORD

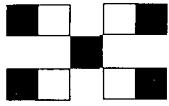
Client: Respec

Address: \_\_\_\_\_

Other: \_\_\_\_\_

Project Name: General Petrolatum  
 Tel: 505.345.3975 Fax 505.345.4107  
 www.hallenvironmental.com

QA / QC Packaged  
 Std  Level 4



HALL ENVIRONMENTAL  
 ANALYSIS LABORATORY

4901 Hawkins NE, Suite D  
 Albuquerque, New Mexico 87109

Tel: 505.345.3975 Fax 505.345.4107

www.hallenvironmental.com

Date: 11/16/05

Phone #: \_\_\_\_\_

Fax #: \_\_\_\_\_

Project #: \_\_\_\_\_

Project Manager: J. Burch

Sampler: \_\_\_\_\_

Sample Temperature: 13

Number/Volume

Preservative

HEAL No.

0511175

HgCl<sub>2</sub> HNO<sub>3</sub>

1

2

3

4

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## **CHAIN-OF-CUSTODY RECORD**

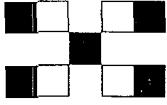
Client: RespeC

Project Name: General Relativity

Project Name:

Albuquerque, New Mexico 87109  
Tel. 505.345.3975 Fax 505.345.4107  
[www.hallenvironmental.com](http://www.hallenvironmental.com)

HALL ENVIRONMENTAL  
ANALYSIS LABORATORY



CHAIN-OF-CUSTODY RECORD						
Client:	Respec			Project Name:	General Releaser	
Address:				Project #:		
Phone #:				Fax #:		
Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative	HEAL No.
HgCl <sub>2</sub>	HNO <sub>3</sub>					
11/16/05	0732	Soil	SB-100-14-151	140g DRY		05111175
11	0814	"	SB-100-34-31"	"		25
11	0858	"	SB-110-9-14	"		26
11	0915	"	SB-110-24-29"	"		27
11	1015	"	SB-120-0-4"	"		28
11	1035	"	SB-120-0A-24"	"		29
11	1209	"	SB-130-04-9"	"		30
11	1228	"	SB-130-29-39"	"		31
11	1250	"	SB-140-0-4"	"		32
11	1320	"	SB-140-29-34"	"		33
11	1345	"	SB-150-4-91	"		34
11	1415	"	SB-150-294-39	"		35
11	1605	"	SB-150-294-39	"		36
Date:	Relinquished By: (Signature)			Received By: (Signature)		
11/16/05	<i>J. M. Massey</i>			<i>J. M. Massey</i>		
Date:	Relinquished By: (Signature)			Received By: (Signature)		
11/16/05	<i>J. M. Massey</i>			<i>J. M. Massey</i>		
Date:	Time:			Time:		
11/16/05	11:00 AM			11:00 AM		
				11:00 AM		
				11:00 AM		

## CHAIN-OF-CUSTODY RECORD

Client: D. Spec

Other:

4901 Hawkins NE, Suite D  
Albuquerque, New Mexico 87109  
Tel. 505.345.3975 Fax 505.345.4107  
www.hallenvironmental.com

QA / QC Package  
 Std  Level 4

Address:

Project Name: General Petroleum

Project #: \_\_\_\_\_

Project Manager:

J. Bunch

Phone #:

Fax #:

Sample Temperature: 13

8270 (Semi-VOA)

Air Bubbles or Headspace (Y or N)

8260B (VOA)

8081 Pesticides / PCB's (8082)

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## COVER LETTER

November 29, 2005

John Bunch  
Respec  
4775 Indian School Rd., NE Suite 300  
Albuquerque, NM 87110  
TEL: (505) 268-2661  
FAX (505) 268-0040

RE: General Petroleum

Order No.: 0511128

Dear John Bunch:

Hall Environmental Analysis Laboratory received 6 samples on 11/11/2005 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman, Business Manager  
Nancy McDuffie, Laboratory Manager



# Hall Environmental Analysis Laboratory

Date: 29-Nov-05

CLIENT: Respec  
 Lab Order: 0511128  
 Project: General Petroleum  
 Lab ID: 0511128-01

Client Sample ID: SB-1@9-14'  
 Collection Date: 11/10/2005 11:08:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	2000	6.0		mg/kg	20	11/18/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	5600	100		mg/Kg	10	11/17/2005 2:11:57 PM
Motor Oil Range Organics (MRO)	1600	500		mg/Kg	10	11/17/2005 2:11:57 PM
Surr: DNOP	117	60-124		%REC	10	11/17/2005 2:11:57 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	480	100		mg/Kg	20	11/21/2005 2:07:03 PM
Surr: BFB	124	83.1-124		%REC	20	11/21/2005 2:07:03 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	1.3	1.0		mg/Kg	20	11/18/2005
Toluene	ND	1.0		mg/Kg	20	11/18/2005
Ethylbenzene	3.8	1.0		mg/Kg	20	11/18/2005
Methyl tert-butyl ether (MTBE)	ND	1.0		mg/Kg	20	11/18/2005
1,2,4-Trimethylbenzene	5.2	1.0		mg/Kg	20	11/18/2005
1,3,5-Trimethylbenzene	1.6	1.0		mg/Kg	20	11/18/2005
1,2-Dichloroethane (EDC)	ND	1.0		mg/Kg	20	11/18/2005
1,2-Dibromoethane (EDB)	ND	1.0		mg/Kg	20	11/18/2005
Naphthalene	ND	2.0		mg/Kg	20	11/18/2005
1-Methylnaphthalene	ND	4.0		mg/Kg	20	11/18/2005
2-Methylnaphthalene	ND	4.0		mg/Kg	20	11/18/2005
Acetone	ND	15		mg/Kg	20	11/18/2005
Bromobenzene	ND	1.0		mg/Kg	20	11/18/2005
Bromochloromethane	ND	1.0		mg/Kg	20	11/18/2005
Bromodichloromethane	ND	1.0		mg/Kg	20	11/18/2005
Bromoform	ND	1.0		mg/Kg	20	11/18/2005
Bromomethane	ND	2.0		mg/Kg	20	11/18/2005
2-Butanone	ND	10		mg/Kg	20	11/18/2005
Carbon disulfide	ND	10		mg/Kg	20	11/18/2005
Carbon tetrachloride	ND	2.0		mg/Kg	20	11/18/2005
Chlorobenzene	ND	1.0		mg/Kg	20	11/18/2005
Chloroethane	ND	2.0		mg/Kg	20	11/18/2005
Chloroform	ND	1.0		mg/Kg	20	11/18/2005
Chloromethane	ND	1.0		mg/Kg	20	11/18/2005
2-Chlorotoluene	ND	1.0		mg/Kg	20	11/18/2005
4-Chlorotoluene	ND	1.0		mg/Kg	20	11/18/2005
cis-1,2-DCE	ND	1.0		mg/Kg	20	11/18/2005
cis-1,3-Dichloropropene	ND	1.0		mg/Kg	20	11/18/2005
1,2-Dibromo-3-chloropropane	ND	2.0		mg/Kg	20	11/18/2005
Dibromochloromethane	ND	1.0		mg/Kg	20	11/18/2005

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 29-Nov-05

**CLIENT:** Respec  
**Lab Order:** 0511128  
**Project:** General Petroleum  
**Lab ID:** 0511128-01

**Client Sample ID:** SB-1@9-14'  
**Collection Date:** 11/10/2005 11:08:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	2.0		mg/Kg	20	11/18/2005
1,2-Dichlorobenzene	ND	1.0		mg/Kg	20	11/18/2005
1,3-Dichlorobenzene	ND	1.0		mg/Kg	20	11/18/2005
1,4-Dichlorobenzene	ND	1.0		mg/Kg	20	11/18/2005
Dichlorodifluoromethane	ND	1.0		mg/Kg	20	11/18/2005
1,1-Dichloroethane	ND	1.0		mg/Kg	20	11/18/2005
1,1-Dichloroethene	ND	1.0		mg/Kg	20	11/18/2005
1,2-Dichloropropane	ND	1.0		mg/Kg	20	11/18/2005
1,3-Dichloropropane	ND	1.0		mg/Kg	20	11/18/2005
2,2-Dichloropropane	ND	2.0		mg/Kg	20	11/18/2005
1,1-Dichloropropene	ND	1.0		mg/Kg	20	11/18/2005
Hexachlorobutadiene	ND	1.0		mg/Kg	20	11/18/2005
2-Hexanone	ND	10		mg/Kg	20	11/18/2005
Isopropylbenzene	ND	1.0		mg/Kg	20	11/18/2005
4-Isopropyltoluene	ND	1.0		mg/Kg	20	11/18/2005
4-Methyl-2-pentanone	ND	10		mg/Kg	20	11/18/2005
Methylene chloride	ND	3.0		mg/Kg	20	11/18/2005
n-Butylbenzene	ND	1.0		mg/Kg	20	11/18/2005
n-Propylbenzene	ND	1.0		mg/Kg	20	11/18/2005
sec-Butylbenzene	ND	1.0		mg/Kg	20	11/18/2005
Styrene	ND	1.0		mg/Kg	20	11/18/2005
tert-Butylbenzene	ND	1.0		mg/Kg	20	11/18/2005
1,1,1,2-Tetrachloroethane	ND	1.0		mg/Kg	20	11/18/2005
1,1,2,2-Tetrachloroethane	ND	1.0		mg/Kg	20	11/18/2005
Tetrachloroethene (PCE)	ND	1.0		mg/Kg	20	11/18/2005
trans-1,2-DCE	ND	1.0		mg/Kg	20	11/18/2005
trans-1,3-Dichloropropene	ND	1.0		mg/Kg	20	11/18/2005
1,2,3-Trichlorobenzene	ND	2.0		mg/Kg	20	11/18/2005
1,2,4-Trichlorobenzene	ND	1.0		mg/Kg	20	11/18/2005
1,1,1-Trichloroethane	ND	1.0		mg/Kg	20	11/18/2005
1,1,2-Trichloroethane	ND	1.0		mg/Kg	20	11/18/2005
Trichloroethene (TCE)	ND	1.0		mg/Kg	20	11/18/2005
Trichlorofluoromethane	ND	1.0		mg/Kg	20	11/18/2005
1,2,3-Trichloropropene	ND	2.0		mg/Kg	20	11/18/2005
Vinyl chloride	ND	1.0		mg/Kg	20	11/18/2005
Xylenes, Total	7.1	1.0		mg/Kg	20	11/18/2005
Surr: 1,2-Dichloroethane-d4	97.4	74.2-135		%REC	20	11/18/2005
Surr: 4-Bromofluorobenzene	97.6	72.9-143		%REC	20	11/18/2005
Surr: Dibromofluoromethane	96.9	76.9-138		%REC	20	11/18/2005
Surr: Toluene-d8	91.4	76.8-126		%REC	20	11/18/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# Hall Environmental Analysis Laboratory

Date: 29-Nov-05

**CLIENT:** Respec  
**Lab Order:** 0511128  
**Project:** General Petroleum  
**Lab ID:** 0511128-02

**Client Sample ID:** SB-1@29-34'

**Collection Date:** 11/10/2005 11:42:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	1400	6.0		mg/kg	20	11/18/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/17/2005 2:44:09 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/17/2005 2:44:09 PM
Surr: DNOP	111	60-124		%REC	1	11/17/2005 2:44:09 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/21/2005 2:37:34 PM
Surr: BFB	107	83.1-124		%REC	1	11/21/2005 2:37:34 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/18/2005
Toluene	ND	0.050		mg/Kg	1	11/18/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/18/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/18/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/18/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/18/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/18/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/18/2005
Naphthalene	ND	0.10		mg/Kg	1	11/18/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/18/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/18/2005
Acetone	ND	0.75		mg/Kg	1	11/18/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/18/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/18/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/18/2005
Bromoform	ND	0.050		mg/Kg	1	11/18/2005
Bromomethane	ND	0.10		mg/Kg	1	11/18/2005
2-Butanone	ND	0.50		mg/Kg	1	11/18/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/18/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/18/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/18/2005
Chloroethane	ND	0.10		mg/Kg	1	11/18/2005
Chloroform	ND	0.050		mg/Kg	1	11/18/2005
Chloromethane	ND	0.050		mg/Kg	1	11/18/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/18/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/18/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/18/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/18/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/18/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/18/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 29-Nov-05

**CLIENT:** Respec  
**Lab Order:** 0511128  
**Project:** General Petroleum  
**Lab ID:** 0511128-02

**Client Sample ID:** SB-1@29-34'  
**Collection Date:** 11/10/2005 11:42:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/18/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/18/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/18/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/18/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/18/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/18/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/18/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/18/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/18/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/18/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/18/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/18/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/18/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/18/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/18/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/18/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/18/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/18/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/18/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/18/2005
Styrene	ND	0.050		mg/Kg	1	11/18/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/18/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/18/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/18/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/18/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/18/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/18/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/18/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/18/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/18/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/18/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/18/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/18/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/18/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/18/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/18/2005
Surr: 1,2-Dichloroethane-d4	91.7	74.2-135		%REC	1	11/18/2005
Surr: 4-Bromofluorobenzene	104	72.9-143		%REC	1	11/18/2005
Surr: Dibromofluoromethane	96.2	76.9-138		%REC	1	11/18/2005
Surr: Toluene-d8	94.9	76.8-126		%REC	1	11/18/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 29-Nov-05

**CLIENT:** Respec  
**Lab Order:** 0511128  
**Project:** General Petroleum  
**Lab ID:** 0511128-03

**Client Sample ID:** SB-2@9-14'  
**Collection Date:** 11/10/2005 12:37:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	5.6	0.30		mg/kg	1	11/15/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	1000	100		mg/Kg	10	11/17/2005 4:52:56 PM
Motor Oil Range Organics (MRO)	ND	500		mg/Kg	10	11/17/2005 4:52:56 PM
Surr: DNOP	69.8	60-124		%REC	10	11/17/2005 4:52:56 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	38	25		mg/Kg	5	11/21/2005 3:08:08 PM
Surr: BFB	108	83.1-124		%REC	5	11/21/2005 3:08:08 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	0.10	0.050		mg/Kg	1	11/18/2005
Toluene	ND	0.050		mg/Kg	1	11/18/2005
Ethylbenzene	0.21	0.050		mg/Kg	1	11/18/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/18/2005
1,2,4-Trimethylbenzene	0.31	0.050		mg/Kg	1	11/18/2005
1,3,5-Trimethylbenzene	0.094	0.050		mg/Kg	1	11/18/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/18/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/18/2005
Naphthalene	ND	0.10		mg/Kg	1	11/18/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/18/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/18/2005
Acetone	ND	0.75		mg/Kg	1	11/18/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/18/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/18/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/18/2005
Bromoform	ND	0.050		mg/Kg	1	11/18/2005
Bromomethane	ND	0.10		mg/Kg	1	11/18/2005
2-Butanone	ND	0.50		mg/Kg	1	11/18/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/18/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/18/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/18/2005
Chloroethane	ND	0.10		mg/Kg	1	11/18/2005
Chloroform	ND	0.050		mg/Kg	1	11/18/2005
Chloromethane	ND	0.050		mg/Kg	1	11/18/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/18/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/18/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/18/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/18/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/18/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/18/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 29-Nov-05

**CLIENT:** Respec  
**Lab Order:** 0511128  
**Project:** General Petroleum  
**Lab ID:** 0511128-03

**Client Sample ID:** SB-2@9-14'  
**Collection Date:** 11/10/2005 12:37:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/18/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/18/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/18/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/18/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/18/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/18/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/18/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/18/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/18/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/18/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/18/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/18/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/18/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/18/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/18/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/18/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/18/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/18/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/18/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/18/2005
Styrene	ND	0.050		mg/Kg	1	11/18/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/18/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/18/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/18/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/18/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/18/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/18/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/18/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/18/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/18/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/18/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/18/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/18/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/18/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/18/2005
Xylenes, Total	0.17	0.050		mg/Kg	1	11/18/2005
Surr: 1,2-Dichloroethane-d4	93.1	74.2-135		%REC	1	11/18/2005
Surr: 4-Bromofluorobenzene	78.2	72.9-143		%REC	1	11/18/2005
Surr: Dibromofluoromethane	90.6	76.9-138		%REC	1	11/18/2005
Surr: Toluene-d8	101	76.8-126		%REC	1	11/18/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# Hall Environmental Analysis Laboratory

Date: 29-Nov-05

CLIENT: Respec  
 Lab Order: 0511128  
 Project: General Petroleum  
 Lab ID: 0511128-04

Client Sample ID: SB-2@34-39'

Collection Date: 11/10/2005 2:05:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	11	0.30		mg/kg	1	11/15/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/17/2005 5:25:05 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/17/2005 5:25:05 PM
Surr: DNOP	106	60-124		%REC	1	11/17/2005 5:25:05 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/21/2005 3:38:44 PM
Surr: BFB	104	83.1-124		%REC	1	11/21/2005 3:38:44 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/18/2005
Toluene	ND	0.050		mg/Kg	1	11/18/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/18/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/18/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/18/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/18/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/18/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/18/2005
Naphthalene	ND	0.10		mg/Kg	1	11/18/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/18/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/18/2005
Acetone	ND	0.75		mg/Kg	1	11/18/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/18/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/18/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/18/2005
Bromoform	ND	0.050		mg/Kg	1	11/18/2005
Bromomethane	ND	0.10		mg/Kg	1	11/18/2005
2-Butanone	ND	0.50		mg/Kg	1	11/18/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/18/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/18/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/18/2005
Chloroethane	ND	0.10		mg/Kg	1	11/18/2005
Chloroform	ND	0.050		mg/Kg	1	11/18/2005
Chloromethane	ND	0.050		mg/Kg	1	11/18/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/18/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/18/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/18/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/18/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/18/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/18/2005

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 29-Nov-05

**CLIENT:** Respec  
**Lab Order:** 0511128  
**Project:** General Petroleum  
**Lab ID:** 0511128-04

**Client Sample ID:** SB-2@34-39'  
**Collection Date:** 11/10/2005 2:05:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/18/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/18/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/18/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/18/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/18/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/18/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/18/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/18/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/18/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/18/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/18/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/18/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/18/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/18/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/18/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/18/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/18/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/18/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/18/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/18/2005
Styrene	ND	0.050		mg/Kg	1	11/18/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/18/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/18/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/18/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/18/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/18/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/18/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/18/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/18/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/18/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/18/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/18/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/18/2005
1,2,3-Trichloropropene	ND	0.10		mg/Kg	1	11/18/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/18/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/18/2005
Surr: 1,2-Dichloroethane-d4	93.2	74.2-135		%REC	1	11/18/2005
Surr: 4-Bromofluorobenzene	94.3	72.9-143		%REC	1	11/18/2005
Surr: Dibromofluoromethane	95.8	76.9-138		%REC	1	11/18/2005
Surr: Toluene-d8	100	76.8-126		%REC	1	11/18/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# Hall Environmental Analysis Laboratory

Date: 29-Nov-05

**CLIENT:** Respec  
**Lab Order:** 0511128  
**Project:** General Petroleum  
**Lab ID:** 0511128-05

**Client Sample ID:** SB-3@24-29'  
**Collection Date:** 11/10/2005 3:15:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	2800	15		mg/L	50	11/22/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	2800	100		mg/Kg	10	11/17/2005 5:57:14 PM
Motor Oil Range Organics (MRO)	770	500		mg/Kg	10	11/17/2005 5:57:14 PM
Surr: DNOP	115	60-124		%REC	10	11/17/2005 5:57:14 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	140	100		mg/Kg	20	11/21/2005 4:09:18 PM
Surr: BFB	111	83.1-124		%REC	20	11/21/2005 4:09:18 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	0.42	0.050		mg/Kg	1	11/18/2005
Toluene	0.33	0.050		mg/Kg	1	11/18/2005
Ethylbenzene	1.5	0.050		mg/Kg	1	11/18/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/18/2005
1,2,4-Trimethylbenzene	1.8	0.050		mg/Kg	1	11/18/2005
1,3,5-Trimethylbenzene	0.50	0.050		mg/Kg	1	11/18/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/18/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/18/2005
Naphthalene	0.28	0.10		mg/Kg	1	11/18/2005
1-Methylnaphthalene	0.53	0.20		mg/Kg	1	11/18/2005
2-Methylnaphthalene	0.55	0.20		mg/Kg	1	11/18/2005
Acetone	ND	0.75		mg/Kg	1	11/18/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/18/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/18/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/18/2005
Bromoform	ND	0.050		mg/Kg	1	11/18/2005
Bromomethane	ND	0.10		mg/Kg	1	11/18/2005
2-Butanone	ND	0.50		mg/Kg	1	11/18/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/18/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/18/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/18/2005
Chloroethane	ND	0.10		mg/Kg	1	11/18/2005
Chloroform	ND	0.050		mg/Kg	1	11/18/2005
Chloromethane	ND	0.050		mg/Kg	1	11/18/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/18/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/18/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/18/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/18/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/18/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/18/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 29-Nov-05

**CLIENT:** Respec  
**Lab Order:** 0511128  
**Project:** General Petroleum  
**Lab ID:** 0511128-05

**Client Sample ID:** SB-3@24-29'  
**Collection Date:** 11/10/2005 3:15:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/18/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/18/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/18/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/18/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/18/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/18/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/18/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/18/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/18/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/18/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/18/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/18/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/18/2005
Isopropylbenzene	0.33	0.050		mg/Kg	1	11/18/2005
4-Isopropyltoluene	0.14	0.050		mg/Kg	1	11/18/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/18/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/18/2005
n-Butylbenzene	0.49	0.050		mg/Kg	1	11/18/2005
n-Propylbenzene	0.47	0.050		mg/Kg	1	11/18/2005
sec-Butylbenzene	0.18	0.050		mg/Kg	1	11/18/2005
Styrene	ND	0.050		mg/Kg	1	11/18/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/18/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/18/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/18/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/18/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/18/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/18/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/18/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/18/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/18/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/18/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/18/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/18/2005
1,2,3-Trichloropropene	ND	0.10		mg/Kg	1	11/18/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/18/2005
Xylenes, Total	3.1	0.050		mg/Kg	1	11/18/2005
Surr: 1,2-Dichloroethane-d4	88.8	74.2-135		%REC	1	11/18/2005
Surr: 4-Bromofluorobenzene	82.6	72.9-143		%REC	1	11/18/2005
Surr: Dibromofluoromethane	87.7	76.9-138		%REC	1	11/18/2005
Surr: Toluene-d8	104	76.8-126		%REC	1	11/18/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 29-Nov-05

**CLIENT:** Respec  
**Lab Order:** 0511128  
**Project:** General Petroleum  
**Lab ID:** 0511128-06

**Client Sample ID:** SB-3@35-39'  
**Collection Date:** 11/10/2005 3:46:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	1800	6.0		mg/kg	20	11/18/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/17/2005 7:01:41 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/17/2005 7:01:41 PM
Surr: DNOP	108	60-124		%REC	1	11/17/2005 7:01:41 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/21/2005 4:39:53 PM
Surr: BFB	104	83.1-124		%REC	1	11/21/2005 4:39:53 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/18/2005
Toluene	ND	0.050		mg/Kg	1	11/18/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/18/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/18/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/18/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/18/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/18/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/18/2005
Naphthalene	ND	0.10		mg/Kg	1	11/18/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/18/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/18/2005
Acetone	ND	0.75		mg/Kg	1	11/18/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/18/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/18/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/18/2005
Bromoform	ND	0.050		mg/Kg	1	11/18/2005
Bromomethane	ND	0.10		mg/Kg	1	11/18/2005
2-Butanone	ND	0.50		mg/Kg	1	11/18/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/18/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/18/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/18/2005
Chloroethane	ND	0.10		mg/Kg	1	11/18/2005
Chloroform	ND	0.050		mg/Kg	1	11/18/2005
Chloromethane	ND	0.050		mg/Kg	1	11/18/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/18/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/18/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/18/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/18/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/18/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/18/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 29-Nov-05

**CLIENT:** Respec  
**Lab Order:** 0511128  
**Project:** General Petroleum  
**Lab ID:** 0511128-06

**Client Sample ID:** SB-3@35-39'  
**Collection Date:** 11/10/2005 3:46:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/18/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/18/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/18/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/18/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/18/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/18/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/18/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/18/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/18/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/18/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/18/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/18/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/18/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/18/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/18/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/18/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/18/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/18/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/18/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/18/2005
Styrene	ND	0.050		mg/Kg	1	11/18/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/18/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/18/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/18/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/18/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/18/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/18/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/18/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/18/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/18/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/18/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/18/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/18/2005
1,2,3-Trichloropropene	ND	0.10		mg/Kg	1	11/18/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/18/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/18/2005
Surr: 1,2-Dichloroethane-d4	91.7	74.2-135		%REC	1	11/18/2005
Surr: 4-Bromofluorobenzene	90.7	72.9-143		%REC	1	11/18/2005
Surr: Dibromofluoromethane	90.2	76.9-138		%REC	1	11/18/2005
Surr: Toluene-d8	93.6	76.8-126		%REC	1	11/18/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

Hall Environmental Analysis Laboratory

**CLIENT:** Respec  
**Work Order:** 0511128  
**Project:** General Petroleum

**QC SUMMARY REPORT**  
Method Blank

Date: 29-Nov-05

Sample ID	Batch ID:	Test Code:	Units:	Analysis Date	Prep Date
Client ID:		Run ID:	mg/kg	11/15/2005	11/14/2005
Analyte		PQL	SPK Ref Val	%REC	RPD
Chloride	ND	0.3		LowLimit	HighLimit
Sample ID <b>MB-9188</b>	Batch ID: 9188	Test Code: E300	Units: mg/kg	Analysis Date 11/15/2005	Prep Date 11/14/2005
Client ID:		Run ID: LC_051115A		SeqNo: 422739	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Chloride	ND	0.3			
Sample ID <b>MB-9195</b>	Batch ID: 9195	Test Code: SW8015	Units: mg/kg	Analysis Date 11/17/2005 2:11:57 AM	Prep Date 11/15/2005
Client ID:		Run ID: FID(17A) 2_051116A		SeqNo: 423046	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Diesel Range Organics (DRO)	ND	10			
Motor Oil Range Organics (MRO)	ND	50			
Surr: DNOP	10.26	0	10	0	103
Sample ID <b>MB-9208</b>	Batch ID: 9208	Test Code: SW8015	Units: mg/kg	Analysis Date 11/17/2005 3:16:20 PM	Prep Date 11/15/2005
Client ID:		Run ID: FID(17A) 2_051116A		SeqNo: 423439	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Diesel Range Organics (DRO)	ND	10			
Motor Oil Range Organics (MRO)	ND	50			
Surr: DNOP	10.71	0	10	0	107
Sample ID <b>mb-9189</b>	Batch ID: 9189	Test Code: SW8015	Units: mg/kg	Analysis Date 11/21/2005 12:35:44 P	Prep Date 11/14/2005
Client ID:		Run ID: PIDFID_051121A		SeqNo: 424533	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Gasoline Range Organics (GRO)	ND	5	1000	0	99.2
Surr: BFB	991.7	0			83.1
					124
					0

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
/

**CLIENT:** Respec  
**Work Order:** 0511128  
**Project:** General Petroleum

**QC SUMMARY REPORT**  
Method Blank

Sample ID	mb-9189	Batch ID:	9189	Test Code:	SW8260B	Units:	mg/Kg	Analysis Date	11/18/2005	Prep Date	11/14/2005	
Client ID:		Run ID:	THOR_051117A	PQL	SPK value	SPK Ref Val	%REC	SeqNo:	423519	%RPD	RPD Limit	Qual
Analyte		Result						LowLimit	HighLimit	RPD Ref Val		
Benzene		ND	0.05									
Toluene		ND	0.05									
Ethybenzene		ND	0.05									
Methyl tert-butyl ether (MTBE)		ND	0.05									
1,2,4-Trimethylbenzene		ND	0.05									
1,3,5-Trimethylbenzene		ND	0.05									
1,2-Dichloroethane (EDC)		ND	0.05									
1,2-Dibromoethane (EDB)		ND	0.05									
Naphthalene		ND	0.1									
1-Methylnaphthalene		ND	0.2									
2-Methylnaphthalene		ND	0.2									
Acetone		ND	0.75									
Bromobenzene		ND	0.05									
Bromo-chloromethane		ND	0.05									
Bromo-dichloromethane		ND	0.05									
Bromoform		ND	0.05									
Bromomethane		ND	0.1									
2-Butanone		ND	0.5									
Carbon disulfide		ND	0.5									
Carbon tetrachloride		ND	0.1									
Chlorobenzene		ND	0.05									
Chloroethane		ND	0.1									
Chloroform		ND	0.05									
Chloromethane		ND	0.05									
2-Chlorotoluene		ND	0.05									
4-Chlorotoluene		ND	0.05									
cis-1,2-DCE		ND	0.05									
cis-1,3-Dichloropropene		ND	0.05									

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

# QC SUMMARY REPORT

Method Blank

<b>CLIENT:</b>	Respec
<b>Work Order:</b>	0511128
<b>Project:</b>	General Petroleum
1,2-Dibromo-3-chloropropane	ND
Dibromochloromethane	ND
Dibromomethane	ND
1,2-Dichlorobenzene	ND
1,3-Dichlorobenzene	ND
1,4-Dichlorobenzene	ND
Dichlorodifluoromethane	ND
1,1-Dichloroethane	ND
1,1-Dichloroethene	ND
1,2-Dichloropropane	ND
1,3-Dichloropropane	ND
2,2-Dichloropropane	ND
1,1-Dichloropropene	ND
Hexachlorobutadiene	ND
2-Hexanone	ND
Isopropylbenzene	ND
4-Isopropyltoluene	ND
4-Methyl-2-pentanone	ND
Methylene chloride	ND
n-Butylbenzene	ND
n-Propylbenzene	ND
sec-Butylbenzene	ND
Styrene	ND
tert-Butylbenzene	ND
1,1,1,2-Tetrachloroethane	ND
1,1,2,2-Tetrachloroethane	ND
Tetrachloroethene (PCE)	ND
trans-1,2-DCE	ND
trans-1,3-Dichloropropene	ND
1,2,3-Trichlorobenzene	ND
1,2,4-Trichlorobenzene	ND
1,1,1-Trichloroethane	ND
1,1,2-Trichloroethane	ND

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**CLIENT:** Respec  
**Work Order:** 05111128  
**Project:** General Petroleum

**QC SUMMARY REPORT**

Method Blank

	Trichloroethene (TCE)	ND	0.05		
Trichlorofluoromethane	ND	0.05			
1,2,3-Trichloropropane	ND	0.1			
Vinyl chloride	ND	0.05			
Xylenes, Total	ND	0.05			
Surr: 1,2-Dichloroethane-d4	0.4756	0	0.5	95.1	74.2
Surr: 4-Bromofluorobenzene	0.4887	0	0.5	97.7	72.9
Surr: Dibromofluoromethane	0.4824	0	0.5	96.5	76.9
Surr: Toluene-d8	0.5057	0	0.5	101	76.8
					126

Qualifiers:

ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

4

## Hall Environmental Analysis Laboratory

**CLIENT:** Respec  
**Work Order:** 0511128  
**Project:** General Petroleum

## QC SUMMARY REPORT

Laboratory Control Spike - generic

Date: 29-Nov-05

Sample ID	Batch ID:	Test ID:	Test Code:	Units:	mg/kg		Analysis Date	11/15/2005		Prep Date	11/14/2005
Client ID:		Run ID:	LC_051115A				SeqNo:	422740			
Analyte		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	14.52	0.3	15	0	96.8	90	110	0			
Sample ID	Batch ID:	Test ID:	Test Code:	Units:	mg/Kg		Analysis Date	11/17/2005 2:45:01 AM		Prep Date	11/15/2005
Client ID:		Run ID:	FID(17A) 2_051116A				SeqNo:	423047			
Analyte		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51.35	10	50	0	103	67.4	117	0			
Sample ID	Batch ID:	Test ID:	Test Code:	Units:	mg/Kg		Analysis Date	11/17/2005 3:18:02 AM		Prep Date	11/15/2005
Client ID:		Run ID:	FID(17A) 2_051116A				SeqNo:	423048			
Analyte		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47.36	10	50	0	94.7	67.4	117	51.35	8.09	17.4	
Sample ID	Batch ID:	Test ID:	Test Code:	Units:	mg/Kg		Analysis Date	11/17/2005 3:48:37 PM		Prep Date	11/15/2005
Client ID:		Run ID:	FID(17A) 2_051116A				SeqNo:	423440			
Analyte		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44.87	10	50	0	89.7	67.4	117	0			
Sample ID	Batch ID:	Test ID:	Test Code:	Units:	mg/Kg		Analysis Date	11/17/2005 4:20:46 PM		Prep Date	11/15/2005
Client ID:		Run ID:	FID(17A) 2_051116A				SeqNo:	423441			
Analyte		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	41.65	10	50	0	83.3	67.4	117	44.87	7.43	17.4	

**CLIENT:** Respec  
**Work Order:** 0511128  
**Project:** General Petroleum

**QC SUMMARY REPORT**  
 Laboratory Control Spike - generic

Sample ID	Icsd-9189	Batch ID: 9189	Test Code: SW8015	Units: mg/Kg	Analysis Date 11/21/2005 1:06:14 PM			Prep Date 11/14/2005			
Client ID:			Run ID: PIIDFID_051121A		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Analyte		Result	PQL	SPK value	SPK Ref Val						
Gasoline Range Organics (GRO)	23.42	5	25	0	93.7	84	120	0			
Sample ID	Icsd-9189	Batch ID: 9189	Test Code: SW8015	Units: mg/Kg	Analysis Date 11/21/2005 1:36:37 PM			Prep Date 11/14/2005			
Client ID:			Run ID: PIIDFID_051121A		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Analyte		Result	PQL	SPK value	SPK Ref Val						
Gasoline Range Organics (GRO)	25.36	5	25	0	101	84	120	25.35	0.0394	11.6	
Sample ID	Icsd-9189	Batch ID: 9189	Test Code: SW8260B	Units: mg/Kg	Analysis Date 11/17/2005			Prep Date 11/14/2005			
Client ID:			Run ID: THOR_051117A		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual.
Analyte		Result	PQL	SPK value	SPK Ref Val						
Benzene	1.043	0.05	1	0	104	80.8	132	0			
Toluene	1.021	0.05	1	0	102	72.1	126	0			
Chlorobenzene	1.134	0.05	1	0	113	83	124	0			
1,1-Dichloroethene	1.016	0.05	1	0	102	59	147	0			
Trichloroethene (TCE)	0.9485	0.05	1	0	94.9	77.2	123	0			
Sample ID	Icsd-9189	Batch ID: 9189	Test Code: SW8260B	Units: mg/Kg	Analysis Date 11/17/2005			Prep Date 11/14/2005			
Client ID:			Run ID: THOR_051117A		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Analyte		Result	PQL	SPK value	SPK Ref Val						
Benzene	1.054	0.05	1	0	105	80.8	132	1.043	1.03	20	
Toluene	1.041	0.05	1	0	104	72.1	126	1.021	1.93	20	
Chlorobenzene	1.099	0.05	1	0	110	83	124	1.134	3.09	20	
1,1-Dichloroethene	1.048	0.05	1	0	105	59	147	1.016	3.16	20	
Trichloroethene (TCE)	0.9751	0.05	1	0	97.5	77.2	123	0.9485	2.77	20	

Qualifiers:

ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

# Hall Environmental Analysis Laboratory

## Sample Receipt Checklist

Name RESPEC

Date and Time Received:

11/11/2005

Work Order Number 0511128

Received by AT

Checklist completed by

Signature

*Y. Schlepper*

11/11/05

Date

Matrix

Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/> Not Shipped <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Water - VOA vials have zero headspace?	No VOA vials submitted <input checked="" type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Container/Temp Blank temperature?	17°	4° C ± 2 Acceptable If given sufficient time to cool.	

COMMENTS:

Client contacted \_\_\_\_\_ Date contacted: \_\_\_\_\_ Person contacted \_\_\_\_\_  
 Contacted by: \_\_\_\_\_ Regarding: \_\_\_\_\_  
 Comments: unfired test 300-s Cl only w/ per.  
John Bunch. GS 11/14/05

Corrective Action





## COVER LETTER

November 21, 2005

Dave Henard  
Respec  
4775 Indian School Rd., NE Suite 300  
Albuquerque, NM 87110  
TEL: (505) 268-2661  
FAX (505) 268-0040

RE: Eunice General Petroleum

Order No.: 0511010

Dear Dave Henard:

Hall Environmental Analysis Laboratory received 3 samples on 11/1/2005 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman, Business Manager  
Nancy McDuffie, Laboratory Manager



# **Hall Environmental Analysis Laboratory**

**Date:** 22-Nov-05

**CLIENT:** Respec  
**Project:** Eunice General Petroleum  
**Lab Order:** 0511010

## **CASE NARRATIVE**

Analytical Comments for METHOD 8015GRO\_S, SAMPLE 0511010-03a: Elevated surrogate due to matrix interference.

Analytical Comments for METHOD 8015DRO\_S, SAMPLE 0511010-02A: DNOP not recovered due to dilution

EPA Method 8270 - PQL's have been elevated for sample 2-Green and 3-Black due to high TPH.

# Hall Environmental Analysis Laboratory

Date: 21-Nov-05

**CLIENT:** Respec  
**Lab Order:** 0511010  
**Project:** Eunice General Petroleum  
**Lab ID:** 0511010-01

**Client Sample ID:** 1-Red  
**Collection Date:** 10/25/2005 8:00:00 AM  
**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	ND	6.0		mg/kg	20	11/9/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/2/2005 5:51:17 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/2/2005 5:51:17 PM
Surr: DNOP	116	60-124		%REC	1	11/2/2005 5:51:17 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/3/2005 12:28:24 AM
Surr: BFB	103	83.1-124		%REC	1	11/3/2005 12:28:24 AM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/7/2005
Toluene	ND	0.050		mg/Kg	1	11/7/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/7/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/7/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/7/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/7/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/7/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/7/2005
Naphthalene	ND	0.10		mg/Kg	1	11/7/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/7/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/7/2005
Acetone	ND	0.75		mg/Kg	1	11/7/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/7/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/7/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/7/2005
Bromoform	ND	0.050		mg/Kg	1	11/7/2005
Bromomethane	ND	0.10		mg/Kg	1	11/7/2005
2-Butanone	ND	0.50		mg/Kg	1	11/7/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/7/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/7/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/7/2005
Chloroethane	ND	0.10		mg/Kg	1	11/7/2005
Chloroform	ND	0.050		mg/Kg	1	11/7/2005
Chloromethane	ND	0.050		mg/Kg	1	11/7/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/7/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/7/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/7/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/7/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/7/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/7/2005

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# Hall Environmental Analysis Laboratory

Date: 21-Nov-05

**CLIENT:** Respec  
**Lab Order:** 0511010  
**Project:** Eunice General Petroleum  
**Lab ID:** 0511010-01

**Client Sample ID:** 1-Red  
**Collection Date:** 10/25/2005 8:00:00 AM  
**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/7/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/7/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/7/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/7/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/7/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/7/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/7/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/7/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/7/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/7/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/7/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/7/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/7/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/7/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/7/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/7/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/7/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/7/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/7/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/7/2005
Styrene	ND	0.050		mg/Kg	1	11/7/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/7/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/7/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/7/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/7/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/7/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/7/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/7/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/7/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/7/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/7/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/7/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/7/2005
1,2,3-Trichloropropene	ND	0.10		mg/Kg	1	11/7/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/7/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/7/2005
Surr: 1,2-Dichloroethane-d4	96.6	72.4-119		%REC	1	11/7/2005
Surr: 4-Bromofluorobenzene	100	72.9-143		%REC	1	11/7/2005
Surr: Dibromofluoromethane	98.0	72.6-137		%REC	1	11/7/2005
Surr: Toluene-d8	107	76.8-126		%REC	1	11/7/2005

## EPA METHOD 8270C: SEMIVOLATILES

Analyst: BL

Acenaphthene	ND	0.20	mg/Kg	1	11/18/2005
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**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# Hall Environmental Analysis Laboratory

Date: 21-Nov-05

**CLIENT:** Respec  
**Lab Order:** 0511010  
**Project:** Eunice General Petroleum  
**Lab ID:** 0511010-01

**Client Sample ID:** 1-Red  
**Collection Date:** 10/25/2005 8:00:00 AM  
**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Acenaphthylene	ND	0.20		mg/Kg	1	11/18/2005
Aniline	ND	0.20		mg/Kg	1	11/18/2005
Anthracene	ND	0.20		mg/Kg	1	11/18/2005
Azobenzene	ND	0.20		mg/Kg	1	11/18/2005
Benz(a)anthracene	ND	0.25		mg/Kg	1	11/18/2005
Benzo(a)pyrene	ND	0.20		mg/Kg	1	11/18/2005
Benzo(b)fluoranthene	ND	0.20		mg/Kg	1	11/18/2005
Benzo(g,h,i)perylene	ND	0.30		mg/Kg	1	11/18/2005
Benzo(k)fluoranthene	ND	0.50		mg/Kg	1	11/18/2005
Benzoic acid	ND	0.50		mg/Kg	1	11/18/2005
Benzyl alcohol	ND	1.0		mg/Kg	1	11/18/2005
Bis(2-chloroethoxy)methane	ND	0.50		mg/Kg	1	11/18/2005
Bis(2-chloroethyl)ether	ND	0.25		mg/Kg	1	11/18/2005
Bis(2-chloroisopropyl)ether	ND	0.50		mg/Kg	1	11/18/2005
Bis(2-ethylhexyl)phthalate	ND	0.20		mg/Kg	1	11/18/2005
4-Bromophenyl phenyl ether	ND	0.25		mg/Kg	1	11/18/2005
Butyl benzyl phthalate	ND	0.20		mg/Kg	1	11/18/2005
Carbazole	ND	0.20		mg/Kg	1	11/18/2005
4-Chloro-3-methylphenol	ND	0.20		mg/Kg	1	11/18/2005
4-Chloroaniline	ND	0.20		mg/Kg	1	11/18/2005
2-Chloronaphthalene	ND	0.20		mg/Kg	1	11/18/2005
2-Chlorophenol	ND	0.20		mg/Kg	1	11/18/2005
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg	1	11/18/2005
Chrysene	ND	0.20		mg/Kg	1	11/18/2005
Di-n-butyl phthalate	ND	0.50		mg/Kg	1	11/18/2005
Di-n-octyl phthalate	ND	0.50		mg/Kg	1	11/18/2005
Dibenz(a,h)anthracene	ND	0.25		mg/Kg	1	11/18/2005
Dibenzofuran	ND	0.50		mg/Kg	1	11/18/2005
1,2-Dichlorobenzene	ND	0.20		mg/Kg	1	11/18/2005
1,3-Dichlorobenzene	ND	0.20		mg/Kg	1	11/18/2005
1,4-Dichlorobenzene	ND	0.20		mg/Kg	1	11/18/2005
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg	1	11/18/2005
Diethyl phthalate	ND	0.20		mg/Kg	1	11/18/2005
Dimethyl phthalate	ND	0.20		mg/Kg	1	11/18/2005
2,4-Dichlorophenol	ND	0.20		mg/Kg	1	11/18/2005
2,4-Dimethylphenol	ND	0.20		mg/Kg	1	11/18/2005
4,6-Dinitro-2-methylphenol	ND	0.50		mg/Kg	1	11/18/2005
2,4-Dinitrophenol	ND	0.50		mg/Kg	1	11/18/2005
2,4-Dinitrotoluene	ND	0.20		mg/Kg	1	11/18/2005
2,6-Dinitrotoluene	ND	0.20		mg/Kg	1	11/18/2005
Fluoranthene	ND	0.20		mg/Kg	1	11/18/2005
Fluorene	ND	0.20		mg/Kg	1	11/18/2005

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 21-Nov-05

**CLIENT:** Respec  
**Lab Order:** 0511010  
**Project:** Eunice General Petroleum  
**Lab ID:** 0511010-01

**Client Sample ID:** 1-Red  
**Collection Date:** 10/25/2005 8:00:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Hexachlorobenzene	ND	0.20		mg/Kg	1	11/18/2005
Hexachlorobutadiene	ND	0.20		mg/Kg	1	11/18/2005
Hexachlorocyclopentadiene	ND	0.25		mg/Kg	1	11/18/2005
Hexachloroethane	ND	0.50		mg/Kg	1	11/18/2005
Indeno(1,2,3-cd)pyrene	ND	0.20		mg/Kg	1	11/18/2005
Isophorone	ND	0.20		mg/Kg	1	11/18/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/18/2005
2-Methylphenol	ND	0.20		mg/Kg	1	11/18/2005
3+4-Methylphenol	ND	0.20		mg/Kg	1	11/18/2005
N-Nitrosodi-n-propylamine	ND	0.20		mg/Kg	1	11/18/2005
N-Nitrosodiphenylamine	ND	0.20		mg/Kg	1	11/18/2005
Naphthalene	ND	0.20		mg/Kg	1	11/18/2005
2-Nitroaniline	ND	0.50		mg/Kg	1	11/18/2005
3-Nitroaniline	ND	0.50		mg/Kg	1	11/18/2005
4-Nitroaniline	ND	0.25		mg/Kg	1	11/18/2005
Nitrobenzene	ND	0.20		mg/Kg	1	11/18/2005
2-Nitrophenol	ND	0.20		mg/Kg	1	11/18/2005
4-Nitrophenol	ND	0.20		mg/Kg	1	11/18/2005
Pentachlorophenol	ND	0.50		mg/Kg	1	11/18/2005
Phenanthrene	ND	0.20		mg/Kg	1	11/18/2005
Phenol	ND	0.20		mg/Kg	1	11/18/2005
Pyrene	ND	0.20		mg/Kg	1	11/18/2005
Pyridine	ND	0.50		mg/Kg	1	11/18/2005
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg	1	11/18/2005
2,4,5-Trichlorophenol	ND	0.20		mg/Kg	1	11/18/2005
2,4,6-Trichlorophenol	ND	0.20		mg/Kg	1	11/18/2005
Surr: 2,4,6-Tribromophenol	69.7	35.5-141		%REC	1	11/18/2005
Surr: 2-Fluorobiphenyl	69.4	30.4-128		%REC	1	11/18/2005
Surr: 2-Fluorophenol	60.9	28.1-129		%REC	1	11/18/2005
Surr: 4-Terphenyl-d14	75.5	34.6-151		%REC	1	11/18/2005
Surr: Nitrobenzene-d5	66.5	26.5-122		%REC	1	11/18/2005
Surr: Phenol-d5	69.1	37.6-118		%REC	1	11/18/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 21-Nov-05

CLIENT: Respec  
 Lab Order: 0511010  
 Project: Eunice General Petroleum  
 Lab ID: 0511010-02

Client Sample ID: 2-Green  
 Collection Date: 10/25/2005 8:00:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	120	3.0		mg/kg	10	11/9/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	9300	200		mg/Kg	20	11/2/2005 8:00:21 PM
Motor Oil Range Organics (MRO)	2300	1000		mg/Kg	20	11/2/2005 8:00:21 PM
Surr: DNOP	0	60-124	S	%REC	20	11/2/2005 8:00:21 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	1100	500		mg/Kg	100	11/3/2005 12:59:12 AM
Surr: BFB	119	83.1-124		%REC	100	11/3/2005 12:59:12 AM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	11	0.50		mg/Kg	10	11/6/2005
Toluene	8.0	0.50		mg/Kg	10	11/6/2005
Ethylbenzene	40	0.50		mg/Kg	10	11/6/2005
Methyl tert-butyl ether (MTBE)	ND	0.50		mg/Kg	10	11/6/2005
1,2,4-Trimethylbenzene	33	0.50		mg/Kg	10	11/6/2005
1,3,5-Trimethylbenzene	10	0.50		mg/Kg	10	11/6/2005
1,2-Dichloroethane (EDC)	ND	0.50		mg/Kg	10	11/6/2005
1,2-Dibromoethane (EDB)	ND	0.50		mg/Kg	10	11/6/2005
Naphthalene	8.6	1.0		mg/Kg	10	11/6/2005
1-Methylnaphthalene	19	2.0		mg/Kg	10	11/6/2005
2-Methylnaphthalene	22	2.0		mg/Kg	10	11/6/2005
Acetone	ND	7.5		mg/Kg	10	11/6/2005
Bromobenzene	ND	0.50		mg/Kg	10	11/6/2005
Bromochloromethane	ND	0.50		mg/Kg	10	11/6/2005
Bromodichloromethane	ND	0.50		mg/Kg	10	11/6/2005
Bromoform	ND	0.50		mg/Kg	10	11/6/2005
Bromomethane	ND	1.0		mg/Kg	10	11/6/2005
2-Butanone	ND	5.0		mg/Kg	10	11/6/2005
Carbon disulfide	ND	5.0		mg/Kg	10	11/6/2005
Carbon tetrachloride	ND	1.0		mg/Kg	10	11/6/2005
Chlorobenzene	ND	0.50		mg/Kg	10	11/6/2005
Chloroethane	ND	1.0		mg/Kg	10	11/6/2005
Chloroform	ND	0.50		mg/Kg	10	11/6/2005
Chloromethane	ND	0.50		mg/Kg	10	11/6/2005
2-Chlorotoluene	ND	0.50		mg/Kg	10	11/6/2005
4-Chlorotoluene	ND	0.50		mg/Kg	10	11/6/2005
cis-1,2-DCE	ND	0.50		mg/Kg	10	11/6/2005
cis-1,3-Dichloropropene	ND	0.50		mg/Kg	10	11/6/2005
1,2-Dibromo-3-chloropropane	ND	1.0		mg/Kg	10	11/6/2005
Dibromochloromethane	ND	0.50		mg/Kg	10	11/6/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# Hall Environmental Analysis Laboratory

Date: 21-Nov-05

**CLIENT:** Respec  
**Lab Order:** 0511010  
**Project:** Eunice General Petroleum  
**Lab ID:** 0511010-02

**Client Sample ID:** 2-Green  
**Collection Date:** 10/25/2005 8:00:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	1.0	mg/Kg	10	11/6/2005	
1,2-Dichlorobenzene	ND	0.50	mg/Kg	10	11/6/2005	
1,3-Dichlorobenzene	ND	0.50	mg/Kg	10	11/6/2005	
1,4-Dichlorobenzene	ND	0.50	mg/Kg	10	11/6/2005	
Dichlorodifluoromethane	ND	0.50	mg/Kg	10	11/6/2005	
1,1-Dichloroethane	ND	0.50	mg/Kg	10	11/6/2005	
1,1-Dichloroethene	ND	0.50	mg/Kg	10	11/6/2005	
1,2-Dichloropropane	ND	0.50	mg/Kg	10	11/6/2005	
1,3-Dichloropropane	ND	0.50	mg/Kg	10	11/6/2005	
2,2-Dichloropropane	ND	1.0	mg/Kg	10	11/6/2005	
1,1-Dichloropropene	ND	0.50	mg/Kg	10	11/6/2005	
Hexachlorobutadiene	ND	0.50	mg/Kg	10	11/6/2005	
2-Hexanone	ND	5.0	mg/Kg	10	11/6/2005	
Isopropylbenzene	7.8	0.50	mg/Kg	10	11/6/2005	
4-Isopropyltoluene	3.2	0.50	mg/Kg	10	11/6/2005	
4-Methyl-2-pentanone	ND	5.0	mg/Kg	10	11/6/2005	
Methylene chloride	ND	1.5	mg/Kg	10	11/6/2005	
n-Butylbenzene	11	0.50	mg/Kg	10	11/6/2005	
n-Propylbenzene	12	0.50	mg/Kg	10	11/6/2005	
sec-Butylbenzene	4.4	0.50	mg/Kg	10	11/6/2005	
Styrene	ND	0.50	mg/Kg	10	11/6/2005	
tert-Butylbenzene	ND	0.50	mg/Kg	10	11/6/2005	
1,1,1,2-Tetrachloroethane	ND	0.50	mg/Kg	10	11/6/2005	
1,1,2,2-Tetrachloroethane	ND	0.50	mg/Kg	10	11/6/2005	
Tetrachloroethene (PCE)	ND	0.50	mg/Kg	10	11/6/2005	
trans-1,2-DCE	ND	0.50	mg/Kg	10	11/6/2005	
trans-1,3-Dichloropropene	ND	0.50	mg/Kg	10	11/6/2005	
1,2,3-Trichlorobenzene	ND	1.0	mg/Kg	10	11/6/2005	
1,2,4-Trichlorobenzene	ND	0.50	mg/Kg	10	11/6/2005	
1,1,1-Trichloroethane	ND	0.50	mg/Kg	10	11/6/2005	
1,1,2-Trichloroethane	ND	0.50	mg/Kg	10	11/6/2005	
Trichloroethene (TCE)	ND	0.50	mg/Kg	10	11/6/2005	
Trichlorofluoromethane	ND	0.50	mg/Kg	10	11/6/2005	
1,2,3-Trichloropropene	ND	1.0	mg/Kg	10	11/6/2005	
Vinyl chloride	ND	0.50	mg/Kg	10	11/6/2005	
Xylenes, Total	74	0.50	mg/Kg	10	11/6/2005	
Surr: 1,2-Dichloroethane-d4	108	74.2-135	%REC	10	11/6/2005	
Surr: 4-Bromofluorobenzene	136	72.9-143	%REC	10	11/6/2005	
Surr: Dibromofluoromethane	128	76.9-138	%REC	10	11/6/2005	
Surr: Toluene-d8	102	76.8-126	%REC	10	11/6/2005	

## EPA METHOD 8270C: SEMIVOLATILES

Analyst: BL

Acenaphthene ND 10 mg/Kg 10 11/18/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# Hall Environmental Analysis Laboratory

Date: 21-Nov-05

**CLIENT:** Respec  
**Lab Order:** 0511010  
**Project:** Eunice General Petroleum  
**Lab ID:** 0511010-02

**Client Sample ID:** 2-Green  
**Collection Date:** 10/25/2005 8:00:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Acenaphthylene	ND	10	mg/Kg	10	11/18/2005	
Aniline	ND	10	mg/Kg	10	11/18/2005	
Anthracene	ND	10	mg/Kg	10	11/18/2005	
Azobenzene	ND	10	mg/Kg	10	11/18/2005	
Benz(a)anthracene	ND	13	mg/Kg	10	11/18/2005	
Benzo(a)pyrene	ND	10	mg/Kg	10	11/18/2005	
Benzo(b)fluoranthene	ND	10	mg/Kg	10	11/18/2005	
Benzo(g,h,i)perylene	ND	15	mg/Kg	10	11/18/2005	
Benzo(k)fluoranthene	ND	25	mg/Kg	10	11/18/2005	
Benzoic acid	ND	25	mg/Kg	10	11/18/2005	
Benzyl alcohol	ND	50	mg/Kg	10	11/18/2005	
Bis(2-chloroethoxy)methane	ND	25	mg/Kg	10	11/18/2005	
Bis(2-chloroethyl)ether	ND	13	mg/Kg	10	11/18/2005	
Bis(2-chloroisopropyl)ether	ND	25	mg/Kg	10	11/18/2005	
Bis(2-ethylhexyl)phthalate	ND	10	mg/Kg	10	11/18/2005	
4-Bromophenyl phenyl ether	ND	13	mg/Kg	10	11/18/2005	
Butyl benzyl phthalate	ND	10	mg/Kg	10	11/18/2005	
Carbazole	ND	10	mg/Kg	10	11/18/2005	
4-Chloro-3-methylphenol	ND	10	mg/Kg	10	11/18/2005	
4-Chloroaniline	ND	10	mg/Kg	10	11/18/2005	
2-Chloronaphthalene	ND	10	mg/Kg	10	11/18/2005	
2-Chlorophenol	ND	10	mg/Kg	10	11/18/2005	
4-Chlorophenyl phenyl ether	ND	10	mg/Kg	10	11/18/2005	
Chrysene	ND	10	mg/Kg	10	11/18/2005	
Di-n-butyl phthalate	ND	25	mg/Kg	10	11/18/2005	
Di-n-octyl phthalate	ND	25	mg/Kg	10	11/18/2005	
Dibenz(a,h)anthracene	ND	13	mg/Kg	10	11/18/2005	
Dibenzofuran	ND	25	mg/Kg	10	11/18/2005	
1,2-Dichlorobenzene	ND	10	mg/Kg	10	11/18/2005	
1,3-Dichlorobenzene	ND	10	mg/Kg	10	11/18/2005	
1,4-Dichlorobenzene	ND	10	mg/Kg	10	11/18/2005	
3,3'-Dichlorobenzidine	ND	10	mg/Kg	10	11/18/2005	
Diethyl phthalate	ND	10	mg/Kg	10	11/18/2005	
Dimethyl phthalate	ND	10	mg/Kg	10	11/18/2005	
2,4-Dichlorophenol	ND	10	mg/Kg	10	11/18/2005	
2,4-Dimethylphenol	ND	10	mg/Kg	10	11/18/2005	
4,6-Dinitro-2-methylphenol	ND	25	mg/Kg	10	11/18/2005	
2,4-Dinitrophenol	ND	25	mg/Kg	10	11/18/2005	
2,4-Dinitrotoluene	ND	10	mg/Kg	10	11/18/2005	
2,6-Dinitrotoluene	ND	10	mg/Kg	10	11/18/2005	
Fluoranthene	ND	10	mg/Kg	10	11/18/2005	
Fluorene	ND	10	mg/Kg	10	11/18/2005	

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 21-Nov-05

**CLIENT:** Respec  
**Lab Order:** 0511010  
**Project:** Eunice General Petroleum  
**Lab ID:** 0511010-02

**Client Sample ID:** 2-Green  
**Collection Date:** 10/25/2005 8:00:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Hexachlorobenzene	ND	10		mg/Kg	10	11/18/2005
Hexachlorobutadiene	ND	10		mg/Kg	10	11/18/2005
Hexachlorocyclopentadiene	ND	13		mg/Kg	10	11/18/2005
Hexachloroethane	ND	25		mg/Kg	10	11/18/2005
Indeno(1,2,3-cd)pyrene	ND	10		mg/Kg	10	11/18/2005
Isophorone	ND	10		mg/Kg	10	11/18/2005
2-Methylnaphthalene	18	10		mg/Kg	10	11/18/2005
2-Methylphenol	ND	10		mg/Kg	10	11/18/2005
3+4-Methylphenol	ND	10		mg/Kg	10	11/18/2005
N-Nitrosodi-n-propylamine	ND	10		mg/Kg	10	11/18/2005
N-Nitrosodiphenylamine	ND	10		mg/Kg	10	11/18/2005
Naphthalene	ND	10		mg/Kg	10	11/18/2005
2-Nitroaniline	ND	25		mg/Kg	10	11/18/2005
3-Nitroaniline	ND	25		mg/Kg	10	11/18/2005
4-Nitroaniline	ND	13		mg/Kg	10	11/18/2005
Nitrobenzene	ND	10		mg/Kg	10	11/18/2005
2-Nitrophenol	ND	10		mg/Kg	10	11/18/2005
4-Nitrophenol	ND	10		mg/Kg	10	11/18/2005
Pentachlorophenol	ND	25		mg/Kg	10	11/18/2005
Phenanthrene	ND	10		mg/Kg	10	11/18/2005
Phenol	ND	10		mg/Kg	10	11/18/2005
Pyrene	ND	10		mg/Kg	10	11/18/2005
Pyridine	ND	25		mg/Kg	10	11/18/2005
1,2,4-Trichlorobenzene	ND	10		mg/Kg	10	11/18/2005
2,4,5-Trichlorophenol	ND	10		mg/Kg	10	11/18/2005
2,4,6-Trichlorophenol	ND	10		mg/Kg	10	11/18/2005
Surr: 2,4,6-Tribromophenol	104	35.5-141		%REC	10	11/18/2005
Surr: 2-Fluorobiphenyl	86.8	30.4-128		%REC	10	11/18/2005
Surr: 2-Fluorophenol	53.1	28.1-129		%REC	10	11/18/2005
Surr: 4-Terphenyl-d14	74.9	34.6-151		%REC	10	11/18/2005
Surr: Nitrobenzene-d5	165	26.5-122	S	%REC	10	11/18/2005
Surr: Phenol-d5	70.1	37.6-118		%REC	10	11/18/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 21-Nov-05

**CLIENT:** Respec  
**Lab Order:** 0511010  
**Project:** Eunice General Petroleum  
**Lab ID:** 0511010-03

**Client Sample ID:** 3-Black  
**Collection Date:** 10/25/2005 8:00:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	590	3.0		mg/kg	10	11/9/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	1000	100		mg/Kg	10	11/2/2005 8:32:34 PM
Motor Oil Range Organics (MRO)	ND	500		mg/Kg	10	11/2/2005 8:32:34 PM
Surr: DNOP	120	60-124		%REC	10	11/2/2005 8:32:34 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	260	50		mg/Kg	10	11/3/2005 1:30:00 AM
Surr: BFB	127	83.1-124	S	%REC	10	11/3/2005 1:30:00 AM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	0.33	0.050		mg/Kg	1	11/6/2005
Toluene	0.34	0.050		mg/Kg	1	11/6/2005
Ethylbenzene	5.4	1.0		mg/Kg	20	11/7/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/6/2005
1,2,4-Trimethylbenzene	6.4	1.0		mg/Kg	20	11/7/2005
1,3,5-Trimethylbenzene	2.3	0.050		mg/Kg	1	11/6/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/6/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/6/2005
Naphthalene	1.3	0.10		mg/Kg	1	11/6/2005
1-Methylnaphthalene	3.2	0.20		mg/Kg	1	11/6/2005
2-Methylnaphthalene	3.6	0.20		mg/Kg	1	11/6/2005
Acetone	ND	0.75		mg/Kg	1	11/6/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/6/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/6/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/6/2005
Bromoform	ND	0.050		mg/Kg	1	11/6/2005
Bromomethane	ND	0.10		mg/Kg	1	11/6/2005
2-Butanone	ND	0.50		mg/Kg	1	11/6/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/6/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/6/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/6/2005
Chloroethane	ND	0.10		mg/Kg	1	11/6/2005
Chloroform	ND	0.050		mg/Kg	1	11/6/2005
Chloromethane	ND	0.050		mg/Kg	1	11/6/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/6/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/6/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/6/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/6/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/6/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/6/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

Page 9 of 12

# Hall Environmental Analysis Laboratory

Date: 21-Nov-05

**CLIENT:** Respec  
**Lab Order:** 0511010  
**Project:** Eunice General Petroleum  
**Lab ID:** 0511010-03

**Client Sample ID:** 3-Black  
**Collection Date:** 10/25/2005 8:00:00 AM  
**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/6/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/6/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/6/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/6/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/6/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/6/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/6/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/6/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/6/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/6/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/6/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/6/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/6/2005
Isopropylbenzene	1.6	0.050		mg/Kg	1	11/6/2005
4-Isopropyltoluene	0.80	0.050		mg/Kg	1	11/6/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/6/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/6/2005
n-Butylbenzene	2.1	0.050		mg/Kg	1	11/6/2005
n-Propylbenzene	2.1	0.050		mg/Kg	1	11/6/2005
sec-Butylbenzene	1.1	0.050		mg/Kg	1	11/6/2005
Styrene	ND	0.050		mg/Kg	1	11/6/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/6/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/6/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/6/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/6/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/6/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/6/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/6/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/6/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/6/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/6/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/6/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/6/2005
1,2,3-Trichloropropene	ND	0.10		mg/Kg	1	11/6/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/6/2005
Xylenes, Total	12	0.050		mg/Kg	1	11/6/2005
Surr: 1,2-Dichloroethane-d4	104	74.2-135		%REC	1	11/6/2005
Surr: 4-Bromofluorobenzene	96.2	72.9-143		%REC	20	11/7/2005
Surr: Dibromoefluoromethane	122	76.9-138		%REC	1	11/6/2005
Surr: Toluene-d8	93.7	76.8-126		%REC	1	11/6/2005

## EPA METHOD 8270C: SEMIVOLATILES

Acenaphthene	ND	2.0	mg/Kg	10	11/18/2005
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Analyst: BL

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 21-Nov-05

**CLIENT:** Respec  
**Lab Order:** 0511010  
**Project:** Eunice General Petroleum  
**Lab ID:** 0511010-03

**Client Sample ID:** 3-Black  
**Collection Date:** 10/25/2005 8:00:00 AM  
**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Acenaphthylene	ND	2.0	mg/Kg	10	11/18/2005	
Aniline	ND	2.0	mg/Kg	10	11/18/2005	
Anthracene	ND	2.0	mg/Kg	10	11/18/2005	
Azobenzene	ND	2.0	mg/Kg	10	11/18/2005	
Benz(a)anthracene	ND	2.5	mg/Kg	10	11/18/2005	
Benzo(a)pyrene	ND	2.0	mg/Kg	10	11/18/2005	
Benzo(b)fluoranthene	ND	2.0	mg/Kg	10	11/18/2005	
Benzo(g,h,i)perylene	ND	3.0	mg/Kg	10	11/18/2005	
Benzo(k)fluoranthene	ND	5.0	mg/Kg	10	11/18/2005	
Benzoic acid	ND	5.0	mg/Kg	10	11/18/2005	
Benzyl alcohol	ND	10	mg/Kg	10	11/18/2005	
Bis(2-chloroethoxy)methane	ND	5.0	mg/Kg	10	11/18/2005	
Bis(2-chloroethyl)ether	ND	2.5	mg/Kg	10	11/18/2005	
Bis(2-chloroisopropyl)ether	ND	5.0	mg/Kg	10	11/18/2005	
Bis(2-ethylhexyl)phthalate	ND	2.0	mg/Kg	10	11/18/2005	
4-Bromophenyl phenyl ether	ND	2.5	mg/Kg	10	11/18/2005	
Butyl benzyl phthalate	ND	2.0	mg/Kg	10	11/18/2005	
Carbazole	ND	2.0	mg/Kg	10	11/18/2005	
4-Chloro-3-methylphenol	ND	2.0	mg/Kg	10	11/18/2005	
4-Chloroaniline	ND	2.0	mg/Kg	10	11/18/2005	
2-Chloronaphthalene	ND	2.0	mg/Kg	10	11/18/2005	
2-Chlorophenol	ND	2.0	mg/Kg	10	11/18/2005	
4-Chlorophenyl phenyl ether	ND	2.0	mg/Kg	10	11/18/2005	
Chrysene	ND	2.0	mg/Kg	10	11/18/2005	
Di-n-butyl phthalate	ND	5.0	mg/Kg	10	11/18/2005	
Di-n-octyl phthalate	ND	5.0	mg/Kg	10	11/18/2005	
Dibenz(a,h)anthracene	ND	2.5	mg/Kg	10	11/18/2005	
Dibenzofuran	ND	5.0	mg/Kg	10	11/18/2005	
1,2-Dichlorobenzene	ND	2.0	mg/Kg	10	11/18/2005	
1,3-Dichlorobenzene	ND	2.0	mg/Kg	10	11/18/2005	
1,4-Dichlorobenzene	ND	2.0	mg/Kg	10	11/18/2005	
3,3'-Dichlorobenzidine	ND	2.0	mg/Kg	10	11/18/2005	
Diethyl phthalate	ND	2.0	mg/Kg	10	11/18/2005	
Dimethyl phthalate	ND	2.0	mg/Kg	10	11/18/2005	
2,4-Dichlorophenol	ND	2.0	mg/Kg	10	11/18/2005	
2,4-Dimethylphenol	ND	2.0	mg/Kg	10	11/18/2005	
4,6-Dinitro-2-methylphenol	ND	5.0	mg/Kg	10	11/18/2005	
2,4-Dinitrophenol	ND	5.0	mg/Kg	10	11/18/2005	
2,4-Dinitrotoluene	ND	2.0	mg/Kg	10	11/18/2005	
2,6-Dinitrotoluene	ND	2.0	mg/Kg	10	11/18/2005	
Fluoranthene	ND	2.0	mg/Kg	10	11/18/2005	
Fluorene	ND	2.0	mg/Kg	10	11/18/2005	

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 21-Nov-05

**CLIENT:** Respec  
**Lab Order:** 0511010  
**Project:** Eunice General Petroleum  
**Lab ID:** 0511010-03

**Client Sample ID:** 3-Black  
**Collection Date:** 10/25/2005 8:00:00 AM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Hexachlorobenzene	ND	2.0		mg/Kg	10	11/18/2005
Hexachlorobutadiene	ND	2.0		mg/Kg	10	11/18/2005
Hexachlorocyclopentadiene	ND	2.5		mg/Kg	10	11/18/2005
Hexachloroethane	ND	5.0		mg/Kg	10	11/18/2005
Indeno(1,2,3-cd)pyrene	ND	2.0		mg/Kg	10	11/18/2005
Isophorone	ND	2.0		mg/Kg	10	11/18/2005
2-Methylnaphthalene	2.2	2.0		mg/Kg	10	11/18/2005
2-Methylphenol	ND	2.0		mg/Kg	10	11/18/2005
3+4-Methylphenol	ND	2.0		mg/Kg	10	11/18/2005
N-Nitrosodi-n-propylamine	ND	2.0		mg/Kg	10	11/18/2005
N-Nitrosodiphenylamine	ND	2.0		mg/Kg	10	11/18/2005
Naphthalene	ND	2.0		mg/Kg	10	11/18/2005
2-Nitroaniline	ND	5.0		mg/Kg	10	11/18/2005
3-Nitroaniline	ND	5.0		mg/Kg	10	11/18/2005
4-Nitroaniline	ND	2.5		mg/Kg	10	11/18/2005
Nitrobenzene	ND	2.0		mg/Kg	10	11/18/2005
2-Nitrophenol	ND	2.0		mg/Kg	10	11/18/2005
4-Nitrophenol	ND	2.0		mg/Kg	10	11/18/2005
Pentachlorophenol	ND	5.0		mg/Kg	10	11/18/2005
Phenanthrene	ND	2.0		mg/Kg	10	11/18/2005
Phenol	ND	2.0		mg/Kg	10	11/18/2005
Pyrene	ND	2.0		mg/Kg	10	11/18/2005
Pyridine	ND	5.0		mg/Kg	10	11/18/2005
1,2,4-Trichlorobenzene	ND	2.0		mg/Kg	10	11/18/2005
2,4,5-Trichlorophenol	ND	2.0		mg/Kg	10	11/18/2005
2,4,6-Trichlorophenol	ND	2.0		mg/Kg	10	11/18/2005
Surr: 2,4,6-Tribromophenol	51.2	35.5-141		%REC	10	11/18/2005
Surr: 2-Fluorobiphenyl	76.0	30.4-128		%REC	10	11/18/2005
Surr: 2-Fluorophenol	68.1	28.1-129		%REC	10	11/18/2005
Surr: 4-Terphenyl-d14	62.9	34.6-151		%REC	10	11/18/2005
Surr: Nitrobenzene-d5	71.3	26.5-122		%REC	10	11/18/2005
Surr: Phenol-d5	60.6	37.6-118		%REC	10	11/18/2005

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# Hall Environmental Analysis Laboratory

CLIENT: Respec  
Work Order: 0511010  
Project: Eunice General Petroleum

## QC SUMMARY REPORT

Method Blank

Date: 21-Nov-05

Sample ID	MB-9135	Batch ID:	9135	Test Code:	E300	Units:	mg/kg	Analysis Date	11/9/2005	Prep Date	11/7/2005	
Client ID:				Run ID:	LC_051109A	SeqNo:		420736				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	ND	0.3	0	0	0	0	0	0	0	0	0	
Sample ID	MB-9108	Batch ID:	9108	Test Code:	SW8015	Units:	mg/Kg	Analysis Date		Prep Date		
Client ID:				Run ID:	FID(17A) 2_051102A	SeqNo:		11/2/2005	4:13:51 PM	4:18012		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10										
Motor Oil Range Organics (MRO)	ND	50										
Surr: DNOP	9.278	0	10	0	0	92.8	60	124	0			
Sample ID	mb-9106	Batch ID:	9106	Test Code:	SW8015	Units:	mg/Kg	Analysis Date		Prep Date		
Client ID:				Run ID:	PIDFID_051102A	SeqNo:		11/3/2005	2:00:56 AM	4:17953		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5										
Surr: BFB	1023	0	1000	0	0	102	83.1	124	0			

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
/

CLIENT: Respec  
 Work Order: 0511010  
 Project: Eunice General Petroleum

**QC SUMMARY REPORT**  
 Method Blank

Sample ID	MB-9142	Batch ID:	9142	Test Code:	SW8270C	Units:	mg/kg	Analysis Date	11/18/2005	Prep Date	11/8/2005
Analyte				Run ID:	ELMO_051117A	%REC	SPK Ref Val	SeqNo:	424380	%RPD	RPD Ref Val
			Result	PQL	SPK value	SPK Ref Val		LowLimit	HighLimit	RPD Ref Val	Qual
Acenaphthene			ND	0.2							
Acenaphthylene			ND	0.2							
Aniline			ND	0.2							
Anthracene			ND	0.2							
Azobenzene			ND	0.2							
Benz(a)anthracene			ND	0.25							
Benz(a)pyrene			ND	0.2							
Benzo(b)fluoranthene			ND	0.2							
Benzo(g,h,i)perylene			ND	0.3							
Benzo(k)fluoranthene			ND	0.5							
Benzoic acid			ND	0.5							
Benzyl alcohol			ND	1							
Bis(2-chloroethoxy)methane			ND	0.5							
Bis(2-chloroethyl)ether			ND	0.25							
Bis(2-chloroisopropyl)ether			ND	0.5							
Bis(2-ethylhexyl)phthalate			ND	0.2							
4-Bromophenyl phenyl ether			ND	0.25							
Butyl benzyl phthalate			ND	0.2							
Carbazole			ND	0.2							
4-Chloro-3-methylphenol			ND	0.2							
4-Chloraniline			ND	0.2							
2-Chloronaphthalene			ND	0.2							
2-Chlorophenol			ND	0.2							
4-Chlorophenyl phenyl ether			ND	0.2							
Chrysene			ND	0.2							
Di-n-butyl phthalate			ND	0.5							
Di-n-octyl phthalate			0.1473	0.5							
Dibenz(a,n)anthracene			ND	0.25							

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**CLIENT:** Respec  
**Work Order:** 0511010  
**Project:** Eunice General Petroleum

**QC SUMMARY REPORT**  
Method Blank

Dibenzofuran		ND	0.5	
1,2-Dichlorobenzene		ND	0.2	
1,3-Dichlorobenzene		ND	0.2	
1,4-Dichlorobenzene		ND	0.2	
3,3'-Dichlorobenzidine		ND	0.2	
Diethyl phthalate		ND	0.2	
Dimethyl phthalate		ND	0.2	
2,4-Dichlorophenol		ND	0.2	
2,4-Dimethylphenol		ND	0.2	
4,6-Dinitro-2-methylphenol		ND	0.5	
2,4-Dinitrophenol		ND	0.5	
2,4-Dinitrotoluene		ND	0.2	
2,6-Dinitrotoluene		ND	0.2	
Fluoranthene		ND	0.2	
Fluorene		ND	0.2	
Hexachlorobenzene		ND	0.2	
Hexachlorobutadiene		ND	0.2	
Hexachlorocyclopentadiene		ND	0.25	
Hexachloroethane		ND	0.5	
Indeno(1,2,3-cd)pyrene		ND	0.2	
Isophorone		ND	0.2	
2-Methylnaphthalene		ND	0.2	
2-Methylphenol		ND	0.2	
3+4-Methylphenol		ND	0.2	
N-Nitrosodi-n-propylamine		ND	0.2	
N-Nitrosodiphenylamine		ND	0.2	
Naphthalene		ND	0.2	
2-Nitroaniline		ND	0.5	
3-Nitroaniline		ND	0.5	
4-Nitroaniline		ND	0.25	
Nitrobenzene		ND	0.2	
2-Nitrophenol		ND	0.2	
4-Nitrophenol		ND	0.2	

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**CLIENT:** Respec  
**Work Order:** 0511010  
**Project:** Eunice General Petroleum

**QC SUMMARY REPORT**  
Method Blank

Pentachlorophenol	ND	0.5		
Phenanthrene	ND	0.2		
Phenol	ND	0.2		
Pyrene	ND	0.2		
Pyridine	ND	0.5		
1,2,4-Trichlorobenzene	ND	0.2		
2,4,5-Trichlorophenol	ND	0.2		
2,4,6-Trichlorophenol	ND	0.2		
Surr: 2,4,6-Tribromophenol	2.88	0	3.33	0
Surr: 2-Fluorobiphenyl	1.223	0	1.67	0
Surr: 2-Fluorophenol	2.325	0	3.33	0
Surr: 4-Terphenyl-d14	1.159	0	1.67	0
Surr: Nitrobenzene-d5	1.201	0	1.67	0
Surr: Phenol-d5	2.472	0	3.33	0

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

## Hall Environmental Analysis Laboratory

Date: 21-Nov-05

## QC SUMMARY REPORT

Method Blank

**CLIENT:** Respec  
**Work Order:** 0511010  
**Project:** Eunice General Petroleum

Sample ID	mb-9106	Batch ID:	9106	Test Code:	SW8260B	Units:	mg/Kg	Analysis Date	11/5/2005	Prep Date	11/1/2005	
Client ID:		Run ID:			THOR_051104A <th></th> <th></th> <th>SeqNo:</th> <td>419071</td> <th>%RPD</th> <th>RPDLimit</th>			SeqNo:	419071	%RPD	RPDLimit	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene		ND	0.05									
Toluene		ND	0.05									
Ethylbenzene		ND	0.05									
Methyl tert-butyl ether (MTBE)		ND	0.05									
1,2,4-Trimethylbenzene		ND	0.05									
1,3,5-Trimethylbenzene		ND	0.05									
1,2-Dichloroethane (EDC)		ND	0.05									
1,2-Dibromoethane (EDB)		ND	0.05									
Naphthalene		ND	0.1									
1-Methylnaphthalene		ND	0.2									
2-Methylnaphthalene		ND	0.2									
Acetone		ND	0.75									
Bromobenzene		ND	0.05									
Bromochloromethane		ND	0.05									
Bromodichloromethane		ND	0.05									
Bromoform		ND	0.05									
Bromomethane		ND	0.1									
2-Butanone		ND	0.5									
Carbon disulfide		ND	0.5									
Carbon tetrachloride		ND	0.1									
Chlorobenzene		ND	0.05									
Chloroethane		ND	0.1									
Chloroform		ND	0.05									
Chloromethane		ND	0.05									
2-Chlorotoluene		ND	0.05									
4-Chlorotoluene		ND	0.05									
cis-1,2-DCE		ND	0.05									

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

/

**CLIENT:** Respec  
**Work Order:** 0511010  
**Project:** Eunice General Petroleum

**QC SUMMARY REPORT**  
Method Blank

cis-1,3-Dichloropropene	ND	0.05
1,2-Dibromo-3-chloropropane	ND	0.1
Dibromochloromethane	ND	0.05
Dibromomethane	ND	0.1
1,2-Dichlorobenzene	ND	0.05
1,3-Dichlorobenzene	ND	0.05
1,4-Dichlorobenzene	ND	0.05
Dichlorodifluoromethane	ND	0.05
1,1-Dichloroethane	ND	0.05
1,1-Dichloroethene	ND	0.05
1,2-Dichloropropane	ND	0.05
1,3-Dichloropropane	ND	0.05
2,2-Dichloropropane	ND	0.1
1,1-Dichloropropene	ND	0.05
Hexachlorobutadiene	ND	0.05
2-Hexanone	ND	0.5
Isopropylbenzene	ND	0.05
4-Isopropyltoluene	ND	0.05
4-Methyl-2-pentanone	ND	0.5
Methylene chloride	ND	0.15
n-Butylbenzene	ND	0.05
n-Propylbenzene	ND	0.05
sec-Butylbenzene	ND	0.05
Styrene	ND	0.05
tert-Butylbenzene	ND	0.05
1,1,1,2-Tetrachloroethane	ND	0.05
1,1,2,2-Tetrachloroethane	ND	0.05
Tetrachloroethene (PCE)	ND	0.05
trans-1,2-DCE	ND	0.05
trans-1,3-Dichloropropene	ND	0.05
1,2,3-Trichlorobenzene	ND	0.1
1,2,4-Trichlorobenzene	ND	0.05
1,1,1-Trichloroethane	ND	0.05

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

# QC SUMMARY REPORT

Method Blank

CLIENT:	Respec
Work Order:	0511010
Project:	Eunice General Petroleum
1,1,2-Trichloroethane	ND
Trichloroethene (TCE)	ND
Trichlorofluoromethane	ND
1,2,3-Trichloropropane	ND
Vinyl chloride	ND
Xylenes, Total	ND
Sur: 1,2-Dichloroethane-d4	0.4958
Sur: 4-Bromofluorobenzene	0.5226
Sur: Dibromofluoromethane	0.5384
Sur: Toluene-d8	0.5059

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Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

# Hall Environmental Analysis Laboratory

Date: 21-Nov-05

## QC SUMMARY REPORT

Sample Matrix Spike

**CLIENT:** Respec  
**Work Order:** 0511010  
**Project:** Eunice General Petroleum

Sample ID	Test Code:	Units: mg/Kg	Analysis Date 11/2/2005 6:56:00 PM				Prep Date 11/2/2005					
Client ID:	Batch ID:	Run ID:	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Analyte												
Diesel Range Organics (DRO)	42.81	10	50	0		85.6	67.4	117	0			
Surr: DNOP	5.671	0	5	0		113	74	125	0			
Sample ID	Test Code:	Units: mg/Kg	Analysis Date 11/2/2005 7:28:09 PM				Prep Date 11/2/2005					
Client ID:	Batch ID:	Run ID:	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Analyte												
Diesel Range Organics (DRO)	38.07	10	50	0		76.1	67.4	117	42.81	11.7	17.4	
Surr: DNOP	5.38	0	5	0		108	74	125	5.671	5.27	0	

Qualifiers:  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits  
B - Analyte detected in the associated Method Blank

J /  
B /

## Hall Environmental Analysis Laboratory

**CLIENT:** Respec  
**Work Order:** 0511010  
**Project:** Eunice General Petroleum

## QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID	Batch ID	Test Code	Units	Analysis Date	Prep Date						
Client ID:		Run ID:	mg/kg	SeqNo:							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	14.39	0.3	15	0	95.9	90	110	0			
Sample ID	Batch ID: 9135	Test Code: E300	Units: mg/kg	Analysis Date: 11/9/2005	Prep Date: 11/7/2005						
Client ID:		Run ID: LC_051109A		SeqNo: 420737							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40.08	10	50	0	80.2	80.2	87.4	117	0		
Sample ID	Batch ID: 9108	Test Code: SW8015	Units: mg/Kg	Analysis Date: 11/2/2005 4:46:21 PM	Prep Date: 11/2/2005						
Client ID:		Run ID: FID(17A) 2_051102A		SeqNo: 418013							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46.77	10	50	0	93.5	93.5	67.4	117	0		
Sample ID	Batch ID: 9106	Test Code: SW8015	Units: mg/Kg	Analysis Date: 11/2/2005 5:18:51 PM	Prep Date: 11/2/2005						
Client ID:		Run ID: FID(17A) 2_051102A		SeqNo: 418014							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	25.18	5	25	0	101	101	84	120	0		
Sample ID	Batch ID: 9106	Test Code: SW8015	Units: mg/Kg	Analysis Date: 11/3/2005 2:31:57 AM	Prep Date: 11/1/2005						
Client ID:		Run ID: PIDFID_051102A		SeqNo: 417954							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24.79	5	25	0	99.2	84	120	25.18	1.56	11.6	

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Respec  
 Work Order: 0511010  
 Project: Eunice General Petroleum

**QC SUMMARY REPORT**  
 Laboratory Control Spike - generic

Sample ID	Ics-9106	Batch ID:	9106	Test Code:	SW8260B	Units:	mg/Kg		Analysis Date:	11/5/2005		Prep Date	11/1/2005	
Client ID:		Run ID:	THOR_051104A	%REC		SPK Ref Val		SeqNo:		419138		<th></th>		
Analyte		Result	PQL	SPK value	SPK Ref Val			LowLimit	HighLimit	RPD Ref Val		%RPD	RPDLimit	Qual
Benzene		1.012	0.05	1	0			101	84	119		0		
Toluene		0.9102	0.05	1	0			91.0	78.7	120		0		
Chlorobenzene		1.01	0.05	1	0			101	93.2	120		0		
1,1-Dichloroethene		1.005	0.05	1	0			101	59	122		0		
Trichloroethene (TCE)		0.9983	0.05	1	0			99.8	69.4	120		0		
Sample ID	Icsd-9106	Batch ID:	9106	Test Code:	SW8260B	Units:	mg/Kg		Analysis Date:	11/5/2005		Prep Date	11/1/2005	
Client ID:		Run ID:	THOR_051104A	%REC		SPK Ref Val		SeqNo:		419148		<th></th>		
Analyte		Result	PQL	SPK value	SPK Ref Val			LowLimit	HighLimit	RPD Ref Val		%RPD	RPDLimit	Qual
Benzene		0.9805	0.05	1	0			98.1	84	119		1.012	3.19	20
Toluene		0.9582	0.05	1	0			95.8	88.4	124		0.9102	5.14	20
Chlorobenzene		1.02	0.05	1	0			102	93.2	120		1.01	0.995	20
1,1-Dichloroethene		0.9077	0.05	1	0			90.8	59	122		1.005	10.2	20
Trichloroethene (TCE)		0.9406	0.05	1	0			94.1	69.4	120		0.9983	5.95	20

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Respec  
 Work Order: 0511010  
 Project: Eunice General Petroleum

**QC SUMMARY REPORT**  
 Laboratory Control Spike - generic

Sample ID LCS-9142		Batch ID: 9142		Test Code: SW8270C		Units: mg/Kg		Analysis Date 11/18/2005		Prep Date 11/8/2005		
Client ID:	Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
	Acenaphthene	1.207	0.2	1.67	0	72.3	24	125	0			
	4-Chloro-3-methylphenol	2.399	0.2	3.33	0	72.0	14.6	154	0			
	2-Chlorophenol	1.909	0.2	3.33	0	57.3	13.3	149	0			
	1,4-Dichlorobenzene	0.916	0.2	1.67	0	54.9	23.6	118	0			
	2,4-Dinitrotoluene	1.29	0.2	1.67	0	77.3	28	136	0			
	N-Nitrosodi-n-propylamine	0.991	0.2	1.67	0	59.3	28	114	0			
	4-Nitrophenol	2.787	0.2	3.33	0	83.7	13.1	150	0			
	Pentachlorophenol	2.822	0.5	3.33	0	84.7	20.1	139	0			
	Phenol	1.801	0.2	3.33	0	54.1	17.3	141	0			
	Pyrene	1.273	0.2	1.67	0	76.2	29	131	0			
	1,2,4-Trichlorobenzene	0.9683	0.2	1.67	0	58.0	17.9	126	0			
Sample ID LCSD-9142		Batch ID: 9142		Test Code: SW8270C		Units: mg/Kg		Analysis Date 11/18/2005		Prep Date 11/8/2005		
Client ID:	Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
	Acenaphthene	1.284	0.2	1.67	0	76.9	24	125	1.207	6.18	25	
	4-Chloro-3-methylphenol	2.468	0.2	3.33	0	74.1	14.6	154	2.399	2.85	25	
	2-Chlorophenol	2.257	0.2	3.33	0	67.8	13.3	149	1.909	16.7	25	
	1,4-Dichlorobenzene	1.107	0.2	1.67	0	66.3	23.6	118	0.916	18.9	25	
	2,4-Dinitrotoluene	1.239	0.2	1.67	0	74.2	28	136	1.29	4.06	25	
	N-Nitrosodi-n-propylamine	1.075	0.2	1.67	0	64.4	28	114	0.991	8.16	25	
	4-Nitrophenol	2.65	0.2	3.33	0	79.6	13.1	150	2.787	5.05	25	
	Pentachlorophenol	2.862	0.5	3.33	0	85.9	20.1	139	2.822	1.42	25	
	Phenol	2.173	0.2	3.33	0	65.2	17.3	141	1.801	18.7	25	
	Pyrene	1.288	0.2	1.67	0	77.1	29	131	1.273	1.15	25	
	1,2,4-Trichlorobenzene	1.123	0.2	1.67	0	67.2	17.9	126	0.9683	14.8	25	

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

# Hall Environmental Analysis Laboratory

## Sample Receipt Checklist

Client Name RESPEC

Date and Time Received:

11/1/2005

Work Order Number 0511010

Received by AT

Checklist completed by

Signature

Date

*Sue C. Brew 11/1/05*

Matrix

Carrier name Courier

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/> Not Shipped <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Water - VOA vials have zero headspace?	No VOA vials submitted <input checked="" type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Container/Temp Blank temperature?	17°	4° C ± 2 Acceptable If given sufficient time to cool.	

### COMMENTS:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Client contacted \_\_\_\_\_ Date contacted: \_\_\_\_\_ Person contacted \_\_\_\_\_

Contacted by: \_\_\_\_\_ Regarding: \_\_\_\_\_

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Corrective Action

**CHAIN-OF-CUSTODY RECORD**

Client: RESPEC Inc.

Project #: 1554

Other:

QA/QC Package:  
Std  Level 4 **HALL ENVIRONMENTAL  
ANALYSIS LABORATORY**

4901 Hawkins NE, Suite D

Albuquerque, New Mexico 87109

Tel. 505.345.3975 Fax 505.345.4107

www.hallevironmental.com

Address: 4775 Indian School NE

Suite 300

Abq. NM 87110

Phone #: 505 - 268 - 2661

Fax #: 505 - 268 - 0040

Air Bubbles or Headspace (Y or N)

8270 (Semi-VOA)

8260B (VOA)

8081

Pesticides / PCB's (8082)

(C)

NO<sub>3</sub>, NO<sub>2</sub>, PO<sub>4</sub>, SO<sub>4</sub>Anions (Cl, NO<sub>3</sub>, NO<sub>2</sub>, PO<sub>4</sub>, SO<sub>4</sub>)

RCRA 8 Metals

8310 (PNA or PAH)

EDC (Method 8021)

EDB (Method 504.1)

TPH (Method 418.1)

TPH Method B015B (Gas/Diesel + MRQ)

BTEx + MTBE + TPH (Gasoline Only)

BTEx + MTBE + TMB's (8021)

Project Manager:

Dave Henard

Sampler:

H044

Sample Temperature:

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HEAL No.

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## COVER LETTER

November 10, 2005

John Bunch  
Respec  
4775 Indian School Rd., NE Suite 300  
Albuquerque, NM 87110  
TEL: (505) 268-2661  
FAX (505) 268-0040

RE: General Petroleum

Order No.: 0510242

Dear John Bunch:

Hall Environmental Analysis Laboratory received 5 samples on 10/25/2005 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman, Business Manager  
Nancy McDuffie, Laboratory Manager



# Hall Environmental Analysis Laboratory

Date: 10-Nov-05

CLIENT: Respec  
Project: General Petroleum  
Lab Order: 0510242

## CASE NARRATIVE

Analytical Comments for METHOD 8015DRO\_S, SAMPLE 0510242-02A: DNOP not recovered due to dilution Analytical Comments for METHOD 8015DRO\_S, SAMPLE 0510242-03A: DNOP not recovered due to dilution Analytical Comments for METHOD 8015DRO\_S, SAMPLE 0510242-04A: DNOP not recovered due to dilution

# Hall Environmental Analysis Laboratory

Date: 10-Nov-05

**CLIENT:** Respec  
**Lab Order:** 0510242  
**Project:** General Petroleum  
**Lab ID:** 0510242-01

**Client Sample ID:** S-1 Test Pit @10'  
**Collection Date:** 10/19/2005 2:50:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	330	1.5		mg/kg	5	11/4/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/4/2005 10:33:03 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/4/2005 10:33:03 PM
Surr: DNOP	90.4	60-124		%REC	1	11/4/2005 10:33:03 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/29/2005 12:59:06 AM
Surr: BFB	105	83.1-124		%REC	1	10/29/2005 12:59:06 AM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/2/2005
Toluene	ND	0.050		mg/Kg	1	11/2/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/2/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/2/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/2/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/2/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/2/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/2/2005
Naphthalene	ND	0.10		mg/Kg	1	11/2/2005
1-Methylnaphthalene	ND	0.20		mg/Kg	1	11/2/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/2/2005
Acetone	ND	0.75		mg/Kg	1	11/2/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/2/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/2/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/2/2005
Bromoform	ND	0.050		mg/Kg	1	11/2/2005
Bromomethane	ND	0.10		mg/Kg	1	11/2/2005
2-Butanone	ND	0.50		mg/Kg	1	11/2/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/2/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/2/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/2/2005
Chloroethane	ND	0.10		mg/Kg	1	11/2/2005
Chloroform	ND	0.050		mg/Kg	1	11/2/2005
Chloromethane	ND	0.050		mg/Kg	1	11/2/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/2/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/2/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/2/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/2/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/2/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/2/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 10-Nov-05

**CLIENT:** Respec  
**Lab Order:** 0510242  
**Project:** General Petroleum  
**Lab ID:** 0510242-01

**Client Sample ID:** S-1 Test Pit @10'  
**Collection Date:** 10/19/2005 2:50:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/2/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/2/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/2/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/2/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/2/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/2/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/2/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/2/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/2/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/2/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/2/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/2/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/2/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/2/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/2/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/2/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/2/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/2/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/2/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/2/2005
Styrene	ND	0.050		mg/Kg	1	11/2/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/2/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/2/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/2/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/2/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/2/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/2/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/2/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/2/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/2/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/2/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/2/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/2/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/2/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/2/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/2/2005
Surr: 1,2-Dichloroethane-d4	106	72.4-119		%REC	1	11/2/2005
Surr: 4-Bromofluorobenzene	99.3	72.9-143		%REC	1	11/2/2005
Surr: Dibromofluoromethane	103	72.6-137		%REC	1	11/2/2005
Surr: Toluene-d8	107	76.8-126		%REC	1	11/2/2005

## EPA METHOD 8270C: SEMIVOLATILES

Analyst: BL

Acenaphthene	ND	0.20	mg/Kg	1	1/4/2005
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R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 10-Nov-05

CLIENT: Respec  
 Lab Order: 0510242  
 Project: General Petroleum  
 Lab ID: 0510242-01

Client Sample ID: S-1 Test Pit @10'  
 Collection Date: 10/19/2005 2:50:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Acenaphthylene	ND	0.20		mg/Kg	1	1/4/2005
Aniline	ND	0.20		mg/Kg	1	1/4/2005
Anthracene	ND	0.20		mg/Kg	1	1/4/2005
Azobenzene	ND	0.20		mg/Kg	1	1/4/2005
Benz(a)anthracene	ND	0.25		mg/Kg	1	1/4/2005
Benzidine	ND	0.20		mg/Kg	1	1/4/2005
Benzo(a)pyrene	ND	0.20		mg/Kg	1	1/4/2005
Benzo(b)fluoranthene	ND	0.20		mg/Kg	1	1/4/2005
Benzo(g,h,i)perylene	ND	0.30		mg/Kg	1	1/4/2005
Benzo(k)fluoranthene	ND	0.50		mg/Kg	1	1/4/2005
Benzoic acid	ND	0.50		mg/Kg	1	1/4/2005
Benzyl alcohol	ND	1.0		mg/Kg	1	1/4/2005
Bis(2-chloroethoxy)methane	ND	0.50		mg/Kg	1	1/4/2005
Bis(2-chloroethyl)ether	ND	0.25		mg/Kg	1	1/4/2005
Bis(2-chloroisopropyl)ether	ND	0.50		mg/Kg	1	1/4/2005
Bis(2-ethylhexyl)phthalate	ND	0.20		mg/Kg	1	1/4/2005
4-Bromophenyl phenyl ether	ND	0.25		mg/Kg	1	1/4/2005
Butyl benzyl phthalate	ND	0.20		mg/Kg	1	1/4/2005
Carbazole	ND	0.20		mg/Kg	1	1/4/2005
4-Chloro-3-methylphenol	ND	0.20		mg/Kg	1	1/4/2005
4-Chloroaniline	ND	0.20		mg/Kg	1	1/4/2005
2-Chloronaphthalene	ND	0.20		mg/Kg	1	1/4/2005
2-Chlorophenol	ND	0.20		mg/Kg	1	1/4/2005
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg	1	1/4/2005
Chrysene	ND	0.20		mg/Kg	1	1/4/2005
Di-n-butyl phthalate	ND	0.50		mg/Kg	1	1/4/2005
Di-n-octyl phthalate	ND	0.50		mg/Kg	1	1/4/2005
Dibenz(a,h)anthracene	ND	0.25		mg/Kg	1	1/4/2005
Dibenzofuran	ND	0.50		mg/Kg	1	1/4/2005
1,2-Dichlorobenzene	ND	0.20		mg/Kg	1	1/4/2005
1,3-Dichlorobenzene	ND	0.20		mg/Kg	1	1/4/2005
1,4-Dichlorobenzene	ND	0.20		mg/Kg	1	1/4/2005
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg	1	1/4/2005
Diethyl phthalate	ND	0.20		mg/Kg	1	1/4/2005
Dimethyl phthalate	ND	0.20		mg/Kg	1	1/4/2005
2,4-Dichlorophenol	ND	0.20		mg/Kg	1	1/4/2005
2,4-Dimethylphenol	ND	0.20		mg/Kg	1	1/4/2005
4,6-Dinitro-2-methylphenol	ND	0.50		mg/Kg	1	1/4/2005
2,4-Dinitrophenol	ND	0.50		mg/Kg	1	1/4/2005
2,4-Dinitrotoluene	ND	0.20		mg/Kg	1	1/4/2005
2,6-Dinitrotoluene	ND	0.20		mg/Kg	1	1/4/2005
Fluoranthene	ND	0.20		mg/Kg	1	1/4/2005

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CLIENT: Respec  
 Lab Order: 0510242  
 Project: General Petroleum  
 Lab ID: 0510242-01

Client Sample ID: S-1 Test Pit @10'  
 Collection Date: 10/19/2005 2:50:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Fluorene	ND	0.20		mg/Kg	1	1/4/2005
Hexachlorobenzene	ND	0.20		mg/Kg	1	1/4/2005
Hexachlorobutadiene	ND	0.20		mg/Kg	1	1/4/2005
Hexachlorocyclopentadiene	ND	0.25		mg/Kg	1	1/4/2005
Hexachloroethane	ND	0.50		mg/Kg	1	1/4/2005
Indeno(1,2,3-cd)pyrene	ND	0.20		mg/Kg	1	1/4/2005
Isophorone	ND	0.20		mg/Kg	1	1/4/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	1/4/2005
2-Methylphenol	ND	0.20		mg/Kg	1	1/4/2005
3+4-Methylphenol	ND	0.20		mg/Kg	1	1/4/2005
N-Nitrosodi-n-propylamine	ND	0.20		mg/Kg	1	1/4/2005
N-Nitrosodiphenylamine	ND	0.20		mg/Kg	1	1/4/2005
Naphthalene	ND	0.20		mg/Kg	1	1/4/2005
2-Nitroaniline	ND	0.50		mg/Kg	1	1/4/2005
3-Nitroaniline	ND	0.50		mg/Kg	1	1/4/2005
4-Nitroaniline	ND	0.25		mg/Kg	1	1/4/2005
Nitrobenzene	ND	0.20		mg/Kg	1	1/4/2005
2-Nitrophenol	ND	0.20		mg/Kg	1	1/4/2005
4-Nitrophenol	ND	0.20		mg/Kg	1	1/4/2005
Pentachlorophenol	ND	0.50		mg/Kg	1	1/4/2005
Phenanthrene	ND	0.20		mg/Kg	1	1/4/2005
Phenol	ND	0.20		mg/Kg	1	1/4/2005
Pyrene	ND	0.20		mg/Kg	1	1/4/2005
Pyridine	ND	0.50		mg/Kg	1	1/4/2005
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg	1	1/4/2005
2,4,5-Trichlorophenol	ND	0.20		mg/Kg	1	1/4/2005
2,4,6-Trichlorophenol	ND	0.20		mg/Kg	1	1/4/2005
Surr: 2,4,6-Tribromophenol	65.0	35.5-141		%REC	1	1/4/2005
Surr: 2-Fluorobiphenyl	60.3	30.4-128		%REC	1	1/4/2005
Surr: 2-Fluorophenol	55.1	28.1-129		%REC	1	1/4/2005
Surr: 4-Terphenyl-d14	66.0	34.6-151		%REC	1	1/4/2005
Surr: Nitrobenzene-d5	54.5	26.5-122		%REC	1	1/4/2005
Surr: Phenol-d6	64.7	37.6-118		%REC	1	1/4/2005

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# Hall Environmental Analysis Laboratory

Date: 10-Nov-05

**CLIENT:** Respec  
**Lab Order:** 0510242  
**Project:** General Petroleum  
**Lab ID:** 0510242-02

**Client Sample ID:** S-1 Test Pit -Top of Caliche  
**Collection Date:** 10/19/2005 2:50:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	72	0.30		mg/kg	1	11/4/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	2400	200		mg/Kg	20	11/5/2005 4:48:14 PM
Motor Oil Range Organics (MRO)	1500	1000		mg/Kg	20	11/5/2005 4:48:14 PM
Surr: DNOP	0	60-124	S	%REC	20	11/5/2005 4:48:14 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	50		mg/Kg	10	10/31/2005 6:19:24 PM
Surr: BFB	113	83.1-124		%REC	10	10/31/2005 6:19:24 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/2/2005
Toluene	ND	0.050		mg/Kg	1	11/2/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/2/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/2/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/2/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/2/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/2/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/2/2005
Naphthalene	ND	0.10		mg/Kg	1	11/2/2005
1-Methylnaphthalene	0.28	0.20		mg/Kg	1	11/2/2005
2-Methylnaphthalene	ND	0.20		mg/Kg	1	11/2/2005
Acetone	ND	0.75		mg/Kg	1	11/2/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/2/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/2/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/2/2005
Bromoform	ND	0.050		mg/Kg	1	11/2/2005
Bromomethane	ND	0.10		mg/Kg	1	11/2/2005
2-Butanone	ND	0.50		mg/Kg	1	11/2/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/2/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/2/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/2/2005
Chloroethane	ND	0.10		mg/Kg	1	11/2/2005
Chloroform	ND	0.050		mg/Kg	1	11/2/2005
Chloromethane	ND	0.050		mg/Kg	1	11/2/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/2/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/2/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/2/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/2/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/2/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/2/2005

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# Hall Environmental Analysis Laboratory

Date: 10-Nov-05

CLIENT: Respec  
 Lab Order: 0510242  
 Project: General Petroleum  
 Lab ID: 0510242-02

Client Sample ID: S-1 Test Pit -Top of Caliche  
 Collection Date: 10/19/2005 2:50:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/2/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/2/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/2/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/2/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/2/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/2/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/2/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/2/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/2/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/2/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/2/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/2/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/2/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/2/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/2/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/2/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/2/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/2/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/2/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/2/2005
Styrene	ND	0.050		mg/Kg	1	11/2/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/2/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/2/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/2/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/2/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/2/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/2/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/2/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/2/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/2/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/2/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/2/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/2/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/2/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/2/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/2/2005
Surr: 1,2-Dichloroethane-d4	120	72.4-119	S	%REC	1	11/2/2005
Surr: 4-Bromofluorobenzene	123	72.9-143		%REC	1	11/2/2005
Surr: Dibromofluoromethane	116	72.6-137		%REC	1	11/2/2005
Surr: Toluene-d8	102	76.8-126		%REC	1	11/2/2005

## EPA METHOD 8270C: SEMIVOLATILES

Analyst: BL

Acenaphthene	ND	2.0	mg/Kg	10	1/4/2005
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Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 10-Nov-05

CLIENT: Respec  
 Lab Order: 0510242  
 Project: General Petroleum  
 Lab ID: 0510242-02

Client Sample ID: S-1 Test Pit -Top of Caliche  
 Collection Date: 10/19/2005 2:50:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Acenaphthylene	ND	2.0		mg/Kg	10	1/4/2005
Aniline	ND	2.0		mg/Kg	10	1/4/2005
Anthracene	ND	2.0		mg/Kg	10	1/4/2005
Azobenzene	ND	2.0		mg/Kg	10	1/4/2005
Benz(a)anthracene	ND	2.5		mg/Kg	10	1/4/2005
Benzidine	ND	2.0		mg/Kg	10	1/4/2005
Benzo(a)pyrene	ND	2.0		mg/Kg	10	1/4/2005
Benzo(b)fluoranthene	ND	2.0		mg/Kg	10	1/4/2005
Benzo(g,h,i)perylene	ND	3.0		mg/Kg	10	1/4/2005
Benzo(k)fluoranthene	ND	5.0		mg/Kg	10	1/4/2005
Benzoic acid	ND	5.0		mg/Kg	10	1/4/2005
Benzyl alcohol	ND	10		mg/Kg	10	1/4/2005
Bis(2-chloroethoxy)methane	ND	5.0		mg/Kg	10	1/4/2005
Bis(2-chloroethyl)ether	ND	2.5		mg/Kg	10	1/4/2005
Bis(2-chloroisopropyl)ether	ND	5.0		mg/Kg	10	1/4/2005
Bis(2-ethylhexyl)phthalate	ND	2.0		mg/Kg	10	1/4/2005
4-Bromophenyl phenyl ether	ND	2.5		mg/Kg	10	1/4/2005
Butyl benzyl phthalate	ND	2.0		mg/Kg	10	1/4/2005
Carbazole	ND	2.0		mg/Kg	10	1/4/2005
4-Chloro-3-methylphenol	ND	2.0		mg/Kg	10	1/4/2005
4-Chloroaniline	ND	2.0		mg/Kg	10	1/4/2005
2-Chloronaphthalene	ND	2.0		mg/Kg	10	1/4/2005
2-Chlorophenol	ND	2.0		mg/Kg	10	1/4/2005
4-Chlorophenyl phenyl ether	ND	2.0		mg/Kg	10	1/4/2005
Chrysene	ND	2.0		mg/Kg	10	1/4/2005
Di-n-butyl phthalate	ND	5.0		mg/Kg	10	1/4/2005
Di-n-octyl phthalate	ND	5.0		mg/Kg	10	1/4/2005
Dibenz(a,h)anthracene	ND	2.5		mg/Kg	10	1/4/2005
Dibenzofuran	ND	5.0		mg/Kg	10	1/4/2005
1,2-Dichlorobenzene	ND	2.0		mg/Kg	10	1/4/2005
1,3-Dichlorobenzene	ND	2.0		mg/Kg	10	1/4/2005
1,4-Dichlorobenzene	ND	2.0		mg/Kg	10	1/4/2005
3,3'-Dichlorobenzidine	ND	2.0		mg/Kg	10	1/4/2005
Diethyl phthalate	ND	2.0		mg/Kg	10	1/4/2005
Dimethyl phthalate	ND	2.0		mg/Kg	10	1/4/2005
2,4-Dichlorophenol	ND	2.0		mg/Kg	10	1/4/2005
2,4-Dimethylphenol	ND	2.0		mg/Kg	10	1/4/2005
4,6-Dinitro-2-methylphenol	ND	5.0		mg/Kg	10	1/4/2005
2,4-Dinitrophenol	ND	5.0		mg/Kg	10	1/4/2005
2,4-Dinitrotoluene	ND	2.0		mg/Kg	10	1/4/2005
2,6-Dinitrotoluene	ND	2.0		mg/Kg	10	1/4/2005
Fluoranthene	ND	2.0		mg/Kg	10	1/4/2005

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 10-Nov-05

CLIENT: Respec  
 Lab Order: 0510242  
 Project: General Petroleum  
 Lab ID: 0510242-02

Client Sample ID: S-1 Test Pit -Top of Caliche  
 Collection Date: 10/19/2005 2:50:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Fluorene	ND	2.0		mg/Kg	10	1/4/2005
Hexachlorobenzene	ND	2.0		mg/Kg	10	1/4/2005
Hexachlorobutadiene	ND	2.0		mg/Kg	10	1/4/2005
Hexachlorocyclopentadiene	ND	2.5		mg/Kg	10	1/4/2005
Hexachloroethane	ND	5.0		mg/Kg	10	1/4/2005
Indeno(1,2,3-cd)pyrene	ND	2.0		mg/Kg	10	1/4/2005
Isophorone	ND	2.0		mg/Kg	10	1/4/2005
2-Methylnaphthalene	ND	2.0		mg/Kg	10	1/4/2005
2-Methylphenol	ND	2.0		mg/Kg	10	1/4/2005
3+4-Methylphenol	ND	2.0		mg/Kg	10	1/4/2005
N-Nitrosodi-n-propylamine	ND	2.0		mg/Kg	10	1/4/2005
N-Nitrosodiphenylamine	ND	2.0		mg/Kg	10	1/4/2005
Naphthalene	ND	2.0		mg/Kg	10	1/4/2005
2-Nitroaniline	ND	5.0		mg/Kg	10	1/4/2005
3-Nitroaniline	ND	5.0		mg/Kg	10	1/4/2005
4-Nitroaniline	ND	2.5		mg/Kg	10	1/4/2005
Nitrobenzene	ND	2.0		mg/Kg	10	1/4/2005
2-Nitrophenol	ND	2.0		mg/Kg	10	1/4/2005
4-Nitrophenol	ND	2.0		mg/Kg	10	1/4/2005
Pentachlorophenol	ND	5.0		mg/Kg	10	1/4/2005
Phenanthrene	ND	2.0		mg/Kg	10	1/4/2005
Phenol	ND	2.0		mg/Kg	10	1/4/2005
Pyrene	ND	2.0		mg/Kg	10	1/4/2005
Pyridine	ND	5.0		mg/Kg	10	1/4/2005
1,2,4-Trichlorobenzene	ND	2.0		mg/Kg	10	1/4/2005
2,4,5-Trichlorophenol	ND	2.0		mg/Kg	10	1/4/2005
2,4,6-Trichlorophenol	ND	2.0		mg/Kg	10	1/4/2005
Surr: 2,4,6-Tribromophenol	55.0	35.5-141		%REC	10	1/4/2005
Surr: 2-Fluorobiphenyl	64.1	30.4-128		%REC	10	1/4/2005
Surr: 2-Fluorophenol	55.6	28.1-129		%REC	10	1/4/2005
Surr: 4-Terphenyl-d14	74.7	34.6-151		%REC	10	1/4/2005
Surr: Nitrobenzene-d5	60.1	26.5-122		%REC	10	1/4/2005
Surr: Phenol-d6	58.1	37.6-118		%REC	10	1/4/2005

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 10-Nov-05

**CLIENT:** Respec  
**Lab Order:** 0510242  
**Project:** General Petroleum  
**Lab ID:** 0510242-03

**Client Sample ID:** S-1 Test Pit-Overburden  
**Collection Date:** 10/19/2005 2:50:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	23	1.5		mg/kg	5	11/4/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	13000	500		mg/Kg	50	11/5/2005 5:19:06 PM
Motor Oil Range Organics (MRO)	12000	2500		mg/Kg	50	11/5/2005 5:19:06 PM
Surr: DNOP	0	60-124	S	%REC	50	11/5/2005 5:19:06 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	100		mg/Kg	20	10/31/2005 6:50:16 PM
Surr: BFB	116	83.1-124		%REC	20	10/31/2005 6:50:16 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	0.050		mg/Kg	1	11/2/2005
Toluene	ND	0.050		mg/Kg	1	11/2/2005
Ethylbenzene	ND	0.050		mg/Kg	1	11/2/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/2/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/2/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/2/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/2/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/2/2005
Naphthalene	ND	0.10		mg/Kg	1	11/2/2005
1-Methylnaphthalene	2.0	0.20		mg/Kg	1	11/2/2005
2-Methylnaphthalene	0.52	0.20		mg/Kg	1	11/2/2005
Acetone	ND	0.75		mg/Kg	1	11/2/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/2/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/2/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/2/2005
Bromoform	ND	0.050		mg/Kg	1	11/2/2005
Bromomethane	ND	0.10		mg/Kg	1	11/2/2005
2-Butanone	ND	0.50		mg/Kg	1	11/2/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/2/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/2/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/2/2005
Chloroethane	ND	0.10		mg/Kg	1	11/2/2005
Chloroform	ND	0.050		mg/Kg	1	11/2/2005
Chloromethane	ND	0.050		mg/Kg	1	11/2/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/2/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/2/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/2/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/2/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/2/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/2/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# Hall Environmental Analysis Laboratory

Date: 10-Nov-05

**CLIENT:** Respec  
**Lab Order:** 0510242  
**Project:** General Petroleum  
**Lab ID:** 0510242-03

**Client Sample ID:** S-1 Test Pit-Overburden  
**Collection Date:** 10/19/2005 2:50:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/2/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/2/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/2/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/2/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/2/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/2/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/2/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/2/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/2/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/2/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/2/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/2/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/2/2005
Isopropylbenzene	ND	0.050		mg/Kg	1	11/2/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/2/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/2/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/2/2005
n-Butylbenzene	ND	0.050		mg/Kg	1	11/2/2005
n-Propylbenzene	ND	0.050		mg/Kg	1	11/2/2005
sec-Butylbenzene	0.064	0.050		mg/Kg	1	11/2/2005
Styrene	ND	0.050		mg/Kg	1	11/2/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/2/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/2/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/2/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/2/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/2/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/2/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/2/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/2/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/2/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/2/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/2/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/2/2005
1,2,3-Trichloropropene	ND	0.10		mg/Kg	1	11/2/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/2/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/2/2005
Surr: 1,2-Dichloroethane-d4	125	72.4-119	S	%REC	1	11/2/2005
Surr: 4-Bromofluorobenzene	314	72.9-143	S	%REC	1	11/2/2005
Surr: Dibromofluoromethane	129	72.6-137		%REC	1	11/2/2005
Surr: Toluene-d8	101	76.8-126		%REC	1	11/2/2005

## EPA METHOD 8270C: SEMIVOLATILES

Analyst: BL

Acenaphthene	ND	20	mg/Kg	10	1/4/2005
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Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
*	* - Value exceeds Maximum Contaminant Level	

# Hall Environmental Analysis Laboratory

Date: 10-Nov-05

**CLIENT:** Respec  
**Lab Order:** 0510242  
**Project:** General Petroleum  
**Lab ID:** 0510242-03

**Client Sample ID:** S-1 Test Pit-Overburden  
**Collection Date:** 10/19/2005 2:50:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Acenaphthylene	ND	20	mg/Kg	10	1/4/2005	
Aniline	ND	20	mg/Kg	10	1/4/2005	
Anthracene	ND	20	mg/Kg	10	1/4/2005	
Azobenzene	ND	20	mg/Kg	10	1/4/2005	
Benz(a)anthracene	ND	25	mg/Kg	10	1/4/2005	
Benzidine	ND	20	mg/Kg	10	1/4/2005	
Benzo(a)pyrene	ND	20	mg/Kg	10	1/4/2005	
Benzo(b)fluoranthene	ND	20	mg/Kg	10	1/4/2005	
Benzo(g,h,i)perylene	ND	30	mg/Kg	10	1/4/2005	
Benzo(k)fluoranthene	ND	50	mg/Kg	10	1/4/2005	
Benzoic acid	ND	50	mg/Kg	10	1/4/2005	
Benzyl alcohol	ND	100	mg/Kg	10	1/4/2005	
Bis(2-chloroethoxy)methane	ND	50	mg/Kg	10	1/4/2005	
Bis(2-chloroethyl)ether	ND	25	mg/Kg	10	1/4/2005	
Bis(2-chloroisopropyl)ether	ND	50	mg/Kg	10	1/4/2005	
Bis(2-ethylhexyl)phthalate	ND	20	mg/Kg	10	1/4/2005	
4-Bromophenyl phenyl ether	ND	25	mg/Kg	10	1/4/2005	
Butyl benzyl phthalate	ND	20	mg/Kg	10	1/4/2005	
Carbazole	ND	20	mg/Kg	10	1/4/2005	
4-Chloro-3-methylphenol	ND	20	mg/Kg	10	1/4/2005	
4-Chloroaniline	ND	20	mg/Kg	10	1/4/2005	
2-Chloronaphthalene	ND	20	mg/Kg	10	1/4/2005	
2-Chlorophenol	ND	20	mg/Kg	10	1/4/2005	
4-Chlorophenyl phenyl ether	ND	20	mg/Kg	10	1/4/2005	
Chrysene	ND	20	mg/Kg	10	1/4/2005	
Di-n-butyl phthalate	ND	50	mg/Kg	10	1/4/2005	
Di-n-octyl phthalate	ND	50	mg/Kg	10	1/4/2005	
Dibenz(a,h)anthracene	ND	25	mg/Kg	10	1/4/2005	
Dibenzofuran	ND	50	mg/Kg	10	1/4/2005	
1,2-Dichlorobenzene	ND	20	mg/Kg	10	1/4/2005	
1,3-Dichlorobenzene	ND	20	mg/Kg	10	1/4/2005	
1,4-Dichlorobenzene	ND	20	mg/Kg	10	1/4/2005	
3,3'-Dichlorobenzidine	ND	20	mg/Kg	10	1/4/2005	
Diethyl phthalate	ND	20	mg/Kg	10	1/4/2005	
Dimethyl phthalate	ND	20	mg/Kg	10	1/4/2005	
2,4-Dichlorophenol	ND	20	mg/Kg	10	1/4/2005	
2,4-Dimethylphenol	ND	20	mg/Kg	10	1/4/2005	
4,6-Dinitro-2-methylphenol	ND	50	mg/Kg	10	1/4/2005	
2,4-Dinitrophenol	ND	50	mg/Kg	10	1/4/2005	
2,4-Dinitrotoluene	ND	20	mg/Kg	10	1/4/2005	
2,6-Dinitrotoluene	ND	20	mg/Kg	10	1/4/2005	
Fluoranthene	ND	20	mg/Kg	10	1/4/2005	

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# Hall Environmental Analysis Laboratory

Date: 10-Nov-05

CLIENT: Respec  
 Lab Order: 0510242  
 Project: General Petroleum  
 Lab ID: 0510242-03

Client Sample ID: S-1 Test Pit-Overburden  
 Collection Date: 10/19/2005 2:50:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Fluorene	ND	20		mg/Kg	10	1/4/2005
Hexachlorobenzene	ND	20		mg/Kg	10	1/4/2005
Hexachlorobutadiene	ND	20		mg/Kg	10	1/4/2005
Hexachlorocyclopentadiene	ND	25		mg/Kg	10	1/4/2005
Hexachloroethane	ND	50		mg/Kg	10	1/4/2005
Indeno(1,2,3-cd)pyrene	ND	20		mg/Kg	10	1/4/2005
Isophorone	ND	20		mg/Kg	10	1/4/2005
2-Methylnaphthalene	ND	20		mg/Kg	10	1/4/2005
2-Methylphenol	ND	20		mg/Kg	10	1/4/2005
3+4-Methylphenol	ND	20		mg/Kg	10	1/4/2005
N-Nitrosodi-n-propylamine	ND	20		mg/Kg	10	1/4/2005
N-Nitrosodiphenylamine	ND	20		mg/Kg	10	1/4/2005
Naphthalene	ND	20		mg/Kg	10	1/4/2005
2-Nitroaniline	ND	50		mg/Kg	10	1/4/2005
3-Nitroaniline	ND	50		mg/Kg	10	1/4/2005
4-Nitroaniline	ND	25		mg/Kg	10	1/4/2005
Nitrobenzene	ND	20		mg/Kg	10	1/4/2005
2-Nitrophenol	ND	20		mg/Kg	10	1/4/2005
4-Nitrophenol	ND	20		mg/Kg	10	1/4/2005
Pentachlorophenol	ND	50		mg/Kg	10	1/4/2005
Phenanthrene	ND	20		mg/Kg	10	1/4/2005
Phenol	ND	20		mg/Kg	10	1/4/2005
Pyrene	ND	20		mg/Kg	10	1/4/2005
Pyridine	ND	50		mg/Kg	10	1/4/2005
1,2,4-Trichlorobenzene	ND	20		mg/Kg	10	1/4/2005
2,4,5-Trichlorophenol	ND	20		mg/Kg	10	1/4/2005
2,4,6-Trichlorophenol	ND	20		mg/Kg	10	1/4/2005
Surr: 2,4,6-Tribromophenol	16.0	35.5-141	S	%REC	10	1/4/2005
Surr: 2-Fluorobiphenyl	81.8	30.4-128		%REC	10	1/4/2005
Surr: 2-Fluorophenol	99.1	28.1-129		%REC	10	1/4/2005
Surr: 4-Terphenyl-d14	132	34.6-151		%REC	10	1/4/2005
Surr: Nitrobenzene-d5	182	26.5-122	S	%REC	10	1/4/2005
Surr: Phenol-d6	107	37.6-118		%REC	10	1/4/2005

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 10-Nov-05

CLIENT: Respec  
 Lab Order: 0510242  
 Project: General Petroleum  
 Lab ID: 0510242-04

Client Sample ID: East Pit-N. Side@15'  
 Collection Date: 10/19/2005 2:30:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	3.7	1.5		mg/kg	5	11/4/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	2200	200		mg/Kg	20	11/5/2005 6:23:48 PM
Motor Oil Range Organics (MRO)	1700	1000		mg/Kg	20	11/5/2005 6:23:48 PM
Surr: DNOP	0	60-124	S	%REC	20	11/5/2005 6:23:48 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	100		mg/Kg	20	10/31/2005 7:21:07 PM
Surr: BFB	115	83.1-124		%REC	20	10/31/2005 7:21:07 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	1.2	0.050		mg/Kg	1	11/2/2005
Toluene	ND	0.050		mg/Kg	1	11/2/2005
Ethylbenzene	2.2	0.050		mg/Kg	1	11/2/2005
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	11/2/2005
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	11/2/2005
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	11/2/2005
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	11/2/2005
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	11/2/2005
Naphthalene	0.36	0.10		mg/Kg	1	11/2/2005
1-Methylnaphthalene	1.3	0.20		mg/Kg	1	11/2/2005
2-Methylnaphthalene	1.3	0.20		mg/Kg	1	11/2/2005
Acetone	ND	0.75		mg/Kg	1	11/2/2005
Bromobenzene	ND	0.050		mg/Kg	1	11/2/2005
Bromochloromethane	ND	0.050		mg/Kg	1	11/2/2005
Bromodichloromethane	ND	0.050		mg/Kg	1	11/2/2005
Bromoform	ND	0.050		mg/Kg	1	11/2/2005
Bromomethane	ND	0.10		mg/Kg	1	11/2/2005
2-Butanone	ND	0.50		mg/Kg	1	11/2/2005
Carbon disulfide	ND	0.50		mg/Kg	1	11/2/2005
Carbon tetrachloride	ND	0.10		mg/Kg	1	11/2/2005
Chlorobenzene	ND	0.050		mg/Kg	1	11/2/2005
Chloroethane	ND	0.10		mg/Kg	1	11/2/2005
Chloroform	ND	0.050		mg/Kg	1	11/2/2005
Chloromethane	ND	0.050		mg/Kg	1	11/2/2005
2-Chlorotoluene	ND	0.050		mg/Kg	1	11/2/2005
4-Chlorotoluene	ND	0.050		mg/Kg	1	11/2/2005
cis-1,2-DCE	ND	0.050		mg/Kg	1	11/2/2005
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/2/2005
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	11/2/2005
Dibromochloromethane	ND	0.050		mg/Kg	1	11/2/2005

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 10-Nov-05

CLIENT: Respec  
 Lab Order: 0510242  
 Project: General Petroleum  
 Lab ID: 0510242-04

Client Sample ID: East Pit-N. Side@15'  
 Collection Date: 10/19/2005 2:30:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.10		mg/Kg	1	11/2/2005
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	11/2/2005
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	11/2/2005
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	11/2/2005
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	11/2/2005
1,1-Dichloroethane	ND	0.050		mg/Kg	1	11/2/2005
1,1-Dichloroethene	ND	0.050		mg/Kg	1	11/2/2005
1,2-Dichloropropane	ND	0.050		mg/Kg	1	11/2/2005
1,3-Dichloropropane	ND	0.050		mg/Kg	1	11/2/2005
2,2-Dichloropropane	ND	0.10		mg/Kg	1	11/2/2005
1,1-Dichloropropene	ND	0.050		mg/Kg	1	11/2/2005
Hexachlorobutadiene	ND	0.050		mg/Kg	1	11/2/2005
2-Hexanone	ND	0.50		mg/Kg	1	11/2/2005
Isopropylbenzene	0.51	0.050		mg/Kg	1	11/2/2005
4-Isopropyltoluene	ND	0.050		mg/Kg	1	11/2/2005
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	11/2/2005
Methylene chloride	ND	0.15		mg/Kg	1	11/2/2005
n-Butylbenzene	0.48	0.050		mg/Kg	1	11/2/2005
n-Propylbenzene	0.69	0.050		mg/Kg	1	11/2/2005
sec-Butylbenzene	ND	0.050		mg/Kg	1	11/2/2005
Styrene	ND	0.050		mg/Kg	1	11/2/2005
tert-Butylbenzene	ND	0.050		mg/Kg	1	11/2/2005
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/2/2005
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	11/2/2005
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	11/2/2005
trans-1,2-DCE	ND	0.050		mg/Kg	1	11/2/2005
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	11/2/2005
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	11/2/2005
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	11/2/2005
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	11/2/2005
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	11/2/2005
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	11/2/2005
Trichlorofluoromethane	ND	0.050		mg/Kg	1	11/2/2005
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	11/2/2005
Vinyl chloride	ND	0.050		mg/Kg	1	11/2/2005
Xylenes, Total	ND	0.050		mg/Kg	1	11/2/2005
Surr: 1,2-Dichloroethane-d4	133	72.4-119	S	%REC	1	11/2/2005
Surr: 4-Bromofluorobenzene	145	72.9-143	S	%REC	1	11/2/2005
Surr: Dibromofluoromethane	191	72.6-137	S	%REC	1	11/2/2005
Surr: Toluene-d8	92.1	76.8-126		%REC	1	11/2/2005

## EPA METHOD 8270C: SEMIVOLATILES

Analyst: BL

Acenaphthene	ND	2.0	mg/Kg	10	1/4/2005
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Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

# Hall Environmental Analysis Laboratory

Date: 10-Nov-05

CLIENT: Respec  
 Lab Order: 0510242  
 Project: General Petroleum  
 Lab ID: 0510242-04

Client Sample ID: East Pit-N. Side@15'  
 Collection Date: 10/19/2005 2:30:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Acenaphthylene	ND	2.0		mg/Kg	10	1/4/2005
Aniline	ND	2.0		mg/Kg	10	1/4/2005
Anthracene	ND	2.0		mg/Kg	10	1/4/2005
Azobenzene	ND	2.0		mg/Kg	10	1/4/2005
Benz(a)anthracene	ND	2.5		mg/Kg	10	1/4/2005
Benzidine	ND	2.0		mg/Kg	10	1/4/2005
Benzo(a)pyrene	ND	2.0		mg/Kg	10	1/4/2005
Benzo(b)fluoranthene	ND	2.0		mg/Kg	10	1/4/2005
Benzo(g,h,i)perylene	ND	3.0		mg/Kg	10	1/4/2005
Benzo(k)fluoranthene	ND	5.0		mg/Kg	10	1/4/2005
Benzoic acid	ND	5.0		mg/Kg	10	1/4/2005
Benzyl alcohol	ND	10		mg/Kg	10	1/4/2005
Bis(2-chloroethoxy)methane	ND	5.0		mg/Kg	10	1/4/2005
Bis(2-chloroethyl)ether	ND	2.5		mg/Kg	10	1/4/2005
Bis(2-chloroisopropyl)ether	ND	5.0		mg/Kg	10	1/4/2005
Bis(2-ethylhexyl)phthalate	ND	2.0		mg/Kg	10	1/4/2005
4-Bromophenyl phenyl ether	ND	2.5		mg/Kg	10	1/4/2005
Butyl benzyl phthalate	ND	2.0		mg/Kg	10	1/4/2005
Carbazole	ND	2.0		mg/Kg	10	1/4/2005
4-Chloro-3-methylphenol	ND	2.0		mg/Kg	10	1/4/2005
4-Chloroaniline	ND	2.0		mg/Kg	10	1/4/2005
2-Chloronaphthalene	ND	2.0		mg/Kg	10	1/4/2005
2-Chlorophenol	ND	2.0		mg/Kg	10	1/4/2005
4-Chlorophenyl phenyl ether	ND	2.0		mg/Kg	10	1/4/2005
Chrysene	ND	2.0		mg/Kg	10	1/4/2005
Di-n-butyl phthalate	ND	5.0		mg/Kg	10	1/4/2005
Di-n-octyl phthalate	ND	5.0		mg/Kg	10	1/4/2005
Dibenz(a,h)anthracene	ND	2.5		mg/Kg	10	1/4/2005
Dibenzofuran	ND	5.0		mg/Kg	10	1/4/2005
1,2-Dichlorobenzene	ND	2.0		mg/Kg	10	1/4/2005
1,3-Dichlorobenzene	ND	2.0		mg/Kg	10	1/4/2005
1,4-Dichlorobenzene	ND	2.0		mg/Kg	10	1/4/2005
3,3'-Dichlorobenzidine	ND	2.0		mg/Kg	10	1/4/2005
Diethyl phthalate	ND	2.0		mg/Kg	10	1/4/2005
Dimethyl phthalate	ND	2.0		mg/Kg	10	1/4/2005
2,4-Dichlorophenol	ND	2.0		mg/Kg	10	1/4/2005
2,4-Dimethylphenol	ND	2.0		mg/Kg	10	1/4/2005
4,6-Dinitro-2-methylphenol	ND	5.0		mg/Kg	10	1/4/2005
2,4-Dinitrophenol	ND	5.0		mg/Kg	10	1/4/2005
2,4-Dinitrotoluene	ND	2.0		mg/Kg	10	1/4/2005
2,6-Dinitrotoluene	ND	2.0		mg/Kg	10	1/4/2005
Fluoranthene	ND	2.0		mg/Kg	10	1/4/2005

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# Hall Environmental Analysis Laboratory

Date: 10-Nov-05

CLIENT: Respec

Client Sample ID: East Pit-N. Side@15'

Lab Order: 0510242

Collection Date: 10/19/2005 2:30:00 PM

Project: General Petroleum

Matrix: SOIL

Lab ID: 0510242-04

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Fluorene	ND	2.0		mg/Kg	10	1/4/2005
Hexachlorobenzene	ND	2.0		mg/Kg	10	1/4/2005
Hexachlorobutadiene	ND	2.0		mg/Kg	10	1/4/2005
Hexachlorocyclopentadiene	ND	2.5		mg/Kg	10	1/4/2005
Hexachloroethane	ND	5.0		mg/Kg	10	1/4/2005
Indeno(1,2,3-cd)pyrene	ND	2.0		mg/Kg	10	1/4/2005
Isophorone	ND	2.0		mg/Kg	10	1/4/2005
2-Methylnaphthalene	ND	2.0		mg/Kg	10	1/4/2005
2-Methylphenol	ND	2.0		mg/Kg	10	1/4/2005
3+4-Methylphenol	ND	2.0		mg/Kg	10	1/4/2005
N-Nitrosodi-n-propylamine	ND	2.0		mg/Kg	10	1/4/2005
N-Nitrosodiphenylamine	ND	2.0		mg/Kg	10	1/4/2005
Naphthalene	ND	2.0		mg/Kg	10	1/4/2005
2-Nitroaniline	ND	5.0		mg/Kg	10	1/4/2005
3-Nitroaniline	ND	5.0		mg/Kg	10	1/4/2005
4-Nitroaniline	ND	2.5		mg/Kg	10	1/4/2005
Nitrobenzene	ND	2.0		mg/Kg	10	1/4/2005
2-Nitrophenol	ND	2.0		mg/Kg	10	1/4/2005
4-Nitrophenol	ND	2.0		mg/Kg	10	1/4/2005
Pentachlorophenol	ND	5.0		mg/Kg	10	1/4/2005
Phenanthrene	ND	2.0		mg/Kg	10	1/4/2005
Phenol	ND	2.0		mg/Kg	10	1/4/2005
Pyrene	ND	2.0		mg/Kg	10	1/4/2005
Pyridine	ND	5.0		mg/Kg	10	1/4/2005
1,2,4-Trichlorobenzene	ND	2.0		mg/Kg	10	1/4/2005
2,4,5-Trichlorophenol	ND	2.0		mg/Kg	10	1/4/2005
2,4,6-Trichlorophenol	ND	2.0		mg/Kg	10	1/4/2005
Surr: 2,4,6-Tribromophenol	58.5	35.5-141		%REC	10	1/4/2005
Surr: 2-Fluorobiphenyl	68.7	30.4-128		%REC	10	1/4/2005
Surr: 2-Fluorophenol	49.6	28.1-129		%REC	10	1/4/2005
Surr: 4-Terphenyl-d14	63.7	34.6-151		%REC	10	1/4/2005
Surr: Nitrobenzene-d5	66.3	26.5-122		%REC	10	1/4/2005
Surr: Phenol-d6	56.7	37.6-118		%REC	10	1/4/2005

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 10-Nov-05

**CLIENT:** Respec  
**Lab Order:** 0510242  
**Project:** General Petroleum  
**Lab ID:** 0510242-05

**Client Sample ID:** East Pit-S. Side@12'  
**Collection Date:** 10/19/2005 3:30:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	9.5	1.5		mg/kg	5	11/4/2005
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	1000	100		mg/Kg	10	11/9/2005 7:02:18 AM
Motor Oil Range Organics (MRO)	560	500		mg/Kg	10	11/9/2005 7:02:18 AM
Surr: DNOP	62.8	60-124		%REC	10	11/9/2005 7:02:18 AM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	100		mg/Kg	20	10/31/2005 7:51:47 PM
Surr: BFB	116	83.1-124		%REC	20	10/31/2005 7:51:47 PM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	0.94	0.10		mg/Kg	2	11/2/2005
Toluene	ND	0.10		mg/Kg	2	11/2/2005
Ethylbenzene	5.9	0.10		mg/Kg	2	11/2/2005
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	2	11/2/2005
1,2,4-Trimethylbenzene	1.5	0.10		mg/Kg	2	11/2/2005
1,3,5-Trimethylbenzene	0.21	0.10		mg/Kg	2	11/2/2005
1,2-Dichloroethane (EDC)	ND	0.10		mg/Kg	2	11/2/2005
1,2-Dibromoethane (EDB)	ND	0.10		mg/Kg	2	11/2/2005
Naphthalene	1.4	0.20		mg/Kg	2	11/2/2005
1-Methylnaphthalene	2.7	0.40		mg/Kg	2	11/2/2005
2-Methylnaphthalene	3.3	0.40		mg/Kg	2	11/2/2005
Acetone	ND	1.5		mg/Kg	2	11/2/2005
Bromobenzene	ND	0.10		mg/Kg	2	11/2/2005
Bromochloromethane	ND	0.10		mg/Kg	2	11/2/2005
Bromodichloromethane	ND	0.10		mg/Kg	2	11/2/2005
Bromoform	ND	0.10		mg/Kg	2	11/2/2005
Bromomethane	ND	0.20		mg/Kg	2	11/2/2005
2-Butanone	ND	1.0		mg/Kg	2	11/2/2005
Carbon disulfide	ND	1.0		mg/Kg	2	11/2/2005
Carbon tetrachloride	ND	0.20		mg/Kg	2	11/2/2005
Chlorobenzene	ND	0.10		mg/Kg	2	11/2/2005
Chloroethane	ND	0.20		mg/Kg	2	11/2/2005
Chloroform	ND	0.10		mg/Kg	2	11/2/2005
Chloromethane	ND	0.10		mg/Kg	2	11/2/2005
2-Chlorotoluene	ND	0.10		mg/Kg	2	11/2/2005
4-Chlorotoluene	ND	0.10		mg/Kg	2	11/2/2005
cis-1,2-DCE	ND	0.10		mg/Kg	2	11/2/2005
cis-1,3-Dichloropropene	ND	0.10		mg/Kg	2	11/2/2005
1,2-Dibromo-3-chloropropane	ND	0.20		mg/Kg	2	11/2/2005
Dibromochloromethane	ND	0.10		mg/Kg	2	11/2/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 10-Nov-05

CLIENT: Respec  
 Lab Order: 0510242  
 Project: General Petroleum  
 Lab ID: 0510242-05

Client Sample ID: East Pit-S. Side@12'  
 Collection Date: 10/19/2005 3:30:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.20		mg/Kg	2	11/2/2005
1,2-Dichlorobenzene	ND	0.10		mg/Kg	2	11/2/2005
1,3-Dichlorobenzene	ND	0.10		mg/Kg	2	11/2/2005
1,4-Dichlorobenzene	ND	0.10		mg/Kg	2	11/2/2005
Dichlorodifluoromethane	ND	0.10		mg/Kg	2	11/2/2005
1,1-Dichloroethane	ND	0.10		mg/Kg	2	11/2/2005
1,1-Dichloroethene	ND	0.10		mg/Kg	2	11/2/2005
1,2-Dichloropropane	ND	0.10		mg/Kg	2	11/2/2005
1,3-Dichloropropane	ND	0.10		mg/Kg	2	11/2/2005
2,2-Dichloropropane	ND	0.20		mg/Kg	2	11/2/2005
1,1-Dichloropropene	ND	0.10		mg/Kg	2	11/2/2005
Hexachlorobutadiene	ND	0.10		mg/Kg	2	11/2/2005
2-Hexanone	ND	1.0		mg/Kg	2	11/2/2005
Isopropylbenzene	1.5	0.10		mg/Kg	2	11/2/2005
4-Isopropyltoluene	ND	0.10		mg/Kg	2	11/2/2005
4-Methyl-2-pentanone	ND	1.0		mg/Kg	2	11/2/2005
Methylene chloride	ND	0.30		mg/Kg	2	11/2/2005
n-Butylbenzene	0.93	0.10		mg/Kg	2	11/2/2005
n-Propylbenzene	2.2	0.10		mg/Kg	2	11/2/2005
sec-Butylbenzene	0.15	0.10		mg/Kg	2	11/2/2005
Styrene	ND	0.10		mg/Kg	2	11/2/2005
tert-Butylbenzene	ND	0.10		mg/Kg	2	11/2/2005
1,1,1,2-Tetrachloroethane	ND	0.10		mg/Kg	2	11/2/2005
1,1,2,2-Tetrachloroethane	ND	0.10		mg/Kg	2	11/2/2005
Tetrachloroethene (PCE)	ND	0.10		mg/Kg	2	11/2/2005
trans-1,2-DCE	ND	0.10		mg/Kg	2	11/2/2005
trans-1,3-Dichloropropene	ND	0.10		mg/Kg	2	11/2/2005
1,2,3-Trichlorobenzene	ND	0.20		mg/Kg	2	11/2/2005
1,2,4-Trichlorobenzene	ND	0.10		mg/Kg	2	11/2/2005
1,1,1-Trichloroethane	ND	0.10		mg/Kg	2	11/2/2005
1,1,2-Trichloroethane	ND	0.10		mg/Kg	2	11/2/2005
Trichloroethene (TCE)	ND	0.10		mg/Kg	2	11/2/2005
Trichlorofluoromethane	ND	0.10		mg/Kg	2	11/2/2005
1,2,3-Trichloropropane	ND	0.20		mg/Kg	2	11/2/2005
Vinyl chloride	ND	0.10		mg/Kg	2	11/2/2005
Xylenes, Total	0.52	0.10		mg/Kg	2	11/2/2005
Surr: 1,2-Dichloroethane-d4	145	72.4-119	S	%REC	2	11/2/2005
Surr: 4-Bromofluorobenzene	170	72.9-143	S	%REC	2	11/2/2005
Surr: Dibromofluoromethane	201	72.6-137	S	%REC	2	11/2/2005
Surr: Toluene-d8	91.5	76.8-126		%REC	2	11/2/2005

## EPA METHOD 8270C: SEMIVOLATILES

Analyst: BL

Acenaphthene	ND	2.0	mg/Kg	10	1/4/2005
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Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
*	* - Value exceeds Maximum Contaminant Level	

# Hall Environmental Analysis Laboratory

Date: 10-Nov-05

**CLIENT:** Respec  
**Lab Order:** 0510242  
**Project:** General Petroleum  
**Lab ID:** 0510242-05

**Client Sample ID:** East Pit-S. Side@12'  
**Collection Date:** 10/19/2005 3:30:00 PM

**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Acenaphthylene	ND	2.0		mg/Kg	10	1/4/2005
Aniline	ND	2.0		mg/Kg	10	1/4/2005
Anthracene	ND	2.0		mg/Kg	10	1/4/2005
Azobenzene	ND	2.0		mg/Kg	10	1/4/2005
Benz(a)anthracene	ND	2.5		mg/Kg	10	1/4/2005
Benzidine	ND	2.0		mg/Kg	10	1/4/2005
Benzo(a)pyrene	ND	2.0		mg/Kg	10	1/4/2005
Benzo(b)fluoranthene	ND	2.0		mg/Kg	10	1/4/2005
Benzo(g,h,i)perylene	ND	3.0		mg/Kg	10	1/4/2005
Benzo(k)fluoranthene	ND	5.0		mg/Kg	10	1/4/2005
Benzoic acid	ND	5.0		mg/Kg	10	1/4/2005
Benzyl alcohol	ND	10		mg/Kg	10	1/4/2005
Bis(2-chloroethoxy)methane	ND	5.0		mg/Kg	10	1/4/2005
Bis(2-chloroethyl)ether	ND	2.5		mg/Kg	10	1/4/2005
Bis(2-chloroisopropyl)ether	ND	5.0		mg/Kg	10	1/4/2005
Bis(2-ethylhexyl)phthalate	ND	2.0		mg/Kg	10	1/4/2005
4-Bromophenyl phenyl ether	ND	2.5		mg/Kg	10	1/4/2005
Butyl benzyl phthalate	ND	2.0		mg/Kg	10	1/4/2005
Carbazole	ND	2.0		mg/Kg	10	1/4/2005
4-Chloro-3-methylphenol	ND	2.0		mg/Kg	10	1/4/2005
4-Chloroaniline	ND	2.0		mg/Kg	10	1/4/2005
2-Chloronaphthalene	ND	2.0		mg/Kg	10	1/4/2005
2-Chlorophenol	ND	2.0		mg/Kg	10	1/4/2005
4-Chlorophenyl phenyl ether	ND	2.0		mg/Kg	10	1/4/2005
Chrysene	ND	2.0		mg/Kg	10	1/4/2005
Di-n-butyl phthalate	ND	5.0		mg/Kg	10	1/4/2005
Di-n-octyl phthalate	ND	5.0		mg/Kg	10	1/4/2005
Dibenz(a,h)anthracene	ND	2.5		mg/Kg	10	1/4/2005
Dibenzofuran	ND	5.0		mg/Kg	10	1/4/2005
1,2-Dichlorobenzene	ND	2.0		mg/Kg	10	1/4/2005
1,3-Dichlorobenzene	ND	2.0		mg/Kg	10	1/4/2005
1,4-Dichlorobenzene	ND	2.0		mg/Kg	10	1/4/2005
3,3'-Dichlorobenzidine	ND	2.0		mg/Kg	10	1/4/2005
Diethyl phthalate	ND	2.0		mg/Kg	10	1/4/2005
Dimethyl phthalate	ND	2.0		mg/Kg	10	1/4/2005
2,4-Dichlorophenol	ND	2.0		mg/Kg	10	1/4/2005
2,4-Dimethylphenol	ND	2.0		mg/Kg	10	1/4/2005
4,6-Dinitro-2-methylphenol	ND	5.0		mg/Kg	10	1/4/2005
2,4-Dinitrophenol	ND	5.0		mg/Kg	10	1/4/2005
2,4-Dinitrotoluene	ND	2.0		mg/Kg	10	1/4/2005
2,6-Dinitrotoluene	ND	2.0		mg/Kg	10	1/4/2005
Fluoranthene	ND	2.0		mg/Kg	10	1/4/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# Hall Environmental Analysis Laboratory

Date: 10-Nov-05

CLIENT: Respec  
 Lab Order: 0510242  
 Project: General Petroleum  
 Lab ID: 0510242-05

Client Sample ID: East Pit-S. Side@12'  
 Collection Date: 10/19/2005 3:30:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Fluorene	ND	2.0		mg/Kg	10	1/4/2005
Hexachlorobenzene	ND	2.0		mg/Kg	10	1/4/2005
Hexachlorobutadiene	ND	2.0		mg/Kg	10	1/4/2005
Hexachlorocyclopentadiene	ND	2.5		mg/Kg	10	1/4/2005
Hexachloroethane	ND	5.0		mg/Kg	10	1/4/2005
Indeno(1,2,3-cd)pyrene	ND	2.0		mg/Kg	10	1/4/2005
Isophorone	ND	2.0		mg/Kg	10	1/4/2005
2-Methylnaphthalene	ND	2.0		mg/Kg	10	1/4/2005
2-Methylphenol	ND	2.0		mg/Kg	10	1/4/2005
3+4-Methylphenol	ND	2.0		mg/Kg	10	1/4/2005
N-Nitrosodi-n-propylamine	ND	2.0		mg/Kg	10	1/4/2005
N-Nitrosodiphenylamine	ND	2.0		mg/Kg	10	1/4/2005
Naphthalene	ND	2.0		mg/Kg	10	1/4/2005
2-Nitroaniline	ND	5.0		mg/Kg	10	1/4/2005
3-Nitroaniline	ND	5.0		mg/Kg	10	1/4/2005
4-Nitroaniline	ND	2.5		mg/Kg	10	1/4/2005
Nitrobenzene	ND	2.0		mg/Kg	10	1/4/2005
2-Nitrophenol	ND	2.0		mg/Kg	10	1/4/2005
4-Nitrophenol	ND	2.0		mg/Kg	10	1/4/2005
Pentachlorophenol	ND	5.0		mg/Kg	10	1/4/2005
Phenanthrene	ND	2.0		mg/Kg	10	1/4/2005
Phenol	ND	2.0		mg/Kg	10	1/4/2005
Pyrene	ND	2.0		mg/Kg	10	1/4/2005
Pyridine	ND	5.0		mg/Kg	10	1/4/2005
1,2,4-Trichlorobenzene	ND	2.0		mg/Kg	10	1/4/2005
2,4,5-Trichlorophenol	ND	2.0		mg/Kg	10	1/4/2005
2,4,6-Trichlorophenol	ND	2.0		mg/Kg	10	1/4/2005
Surr: 2,4,6-Tribromophenol	39.8	35.5-141		%REC	10	1/4/2005
Surr: 2-Fluorobiphenyl	57.7	30.4-128		%REC	10	1/4/2005
Surr: 2-Fluorophenol	56.4	28.1-129		%REC	10	1/4/2005
Surr: 4-Terphenyl-d14	54.5	34.6-151		%REC	10	1/4/2005
Surr: Nitrobenzene-d5	58.9	26.5-122		%REC	10	1/4/2005
Surr: Phenol-d6	49.9	37.6-118		%REC	10	1/4/2005

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

Hall Environmental Analysis Laboratory

Date: 10-Nov-05

**CLIENT:** Respec  
**Work Order:** 0510242  
**Project:** General Petroleum

**QC SUMMARY REPORT**  
Method Blank

Sample ID	MB-9115	Batch ID:	9115	Test Code:	E300	Units:	mg/kg	Analysis Date	11/3/2005	Prep Date	11/2/2005	
Client ID:		Run ID:	LC_051103A	SeqNo:	418363							
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	ND	0.3										
Sample ID	MB-9063	Batch ID:	9063	Test Code:	SW8015	Units:	mg/kg	Analysis Date	11/2/2005 9:04:45 PM	Prep Date	10/27/2005	
Client ID:		Run ID:	FID(17A) 2_051102A	SeqNo:	418145							
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10										
Motor Oil Range Organics (MRO)	ND	50										
Sur: DNOP	12.29	0	10	0	0	123	60	124	0			
Sample ID	mb-9061	Batch ID:	9061	Test Code:	SW8015	Units:	mg/kg	Analysis Date	10/29/2005 3:35:37 AM	Prep Date	10/26/2005	
Client ID:		Run ID:	PIDFID_051028A	SeqNo:	416531							
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5										
Sur: BFB	1068	0	1000	0	0	107	83.1	124	0			

**Qualifiers:**

ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

**QC SUMMARY REPORT**

Method Blank

CLIENT: Respec  
 Work Order: 0510242  
 Project: General Petroleum

Sample ID	MB-9073	Batch ID:	9073	Test Code:	SWB270C	Units:	mg/Kg	Analysis Date	1/4/2005	Prep Date	10/28/2005
Client ID:		Run ID:	ELMO_051104A	SeqNo:	418882			%RPD		RPDLimit	Qual
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val		
Acenaphthene		ND	0.2								
Acenaphthylene		ND	0.2								
Aniline		ND	0.2								
Anthracene		ND	0.2								
Azobenzene		ND	0.2								
Benz(a)anthracene		ND	0.25								
Benzidine		ND	0.2								
Benz(a)pyrene		ND	0.2								
Benz(b)fluoranthene		ND	0.2								
Benz(g,h,i)perylene		ND	0.3								
Benz(k)fluoranthene		ND	0.5								
Benzoic acid		ND	0.5								
Benzyl alcohol		ND	1								
Bis(2-chloroethoxy)methane		ND	0.5								
Bis(2-chloroethyl)ether		ND	0.25								
Bis(2-chloroisopropyl)ether		ND	0.5								
Bis(2-ethylhexyl)phthalate		ND	0.2								
4-Bromophenyl phenyl ether		ND	0.25								
Butyl benzyl phthalate		ND	0.2								
Carbazole		ND	0.2								
4-Chloro-3-methylphenol		ND	0.2								
4-Chloroaniline		ND	0.2								
2-Chloronaphthalene		ND	0.2								
2-Chlorophenol		ND	0.2								
4-Chlorophenyl phenyl ether		ND	0.2								
Chrysene		ND	0.2								
Di-n-butyl phthalate		0.4567	0.5								
Di-n-octyl phthalate		ND	0.5								

Qualifiers:

ND - Not Detected at the Reporting Limit

B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

**QC SUMMARY REPORT**  
Method Blank

CLIENT: Respec  
 Work Order: 0510242  
 Project: General Petroleum

		J
Dibenz(a,h)anthracene	0.1403	0.25
Dibenzofuran	ND	0.5
1,2-Dichlorobenzene	ND	0.2
1,3-Dichlorobenzene	ND	0.2
1,4-Dichlorobenzene	ND	0.2
3,3'-Dichlorobenzidine	ND	0.2
Diethyl phthalate	ND	0.2
Dimethyl phthalate	ND	0.2
2,4-Dichlorophenol	ND	0.2
2,4-Dimethylphenol	ND	0.2
4,6-Dinitro-2-methylphenol	ND	0.5
2,4-Dinitrophenol	ND	0.5
2,4-Dinitrotoluene	ND	0.2
2,6-Dinitrotoluene	ND	0.2
Fluoranthene	ND	0.2
Fluorene	ND	0.2
Hexachlorobenzene	ND	0.2
Hexachlorobutadiene	ND	0.2
Hexachlorocyclopentadiene	ND	0.25
Hexachloroethane	ND	0.5
Indeno(1,2,3-cd)pyrene	ND	0.2
Isophorone	ND	0.2
2-Methylnaphthalene	ND	0.2
2-Methylphenol	ND	0.2
3+4-Methylphenol	ND	0.2
N-Nitrosodi-n-propylamine	ND	0.2
N-Nitrosodiphenylamine	ND	0.2
Naphthalene	ND	0.2
2-Nitroaniline	ND	0.5
3-Nitroaniline	ND	0.5
4-Nitroaniline	ND	0.25
Nitrobenzene	ND	0.2
2-Nitrophenol	ND	0.2

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**QC SUMMARY REPORT**  
Method Blank

**CLIENT:** Respec  
**Work Order:** 0510242  
**Project:** General Petroleum

		ND	0.2		
4-Nitrophenol		ND	0.5		
Pentachlorophenol		ND	0.2		
Phenanthrene		ND	0.2		
Phenol		ND	0.2		
Pyrene		ND	0.5		
Pyridine		ND	0.2		
1,2,4-Trichlorobenzene		ND	0.2		
2,4,5-Trichlorophenol		ND	0.2		
2,4,6-Trichlorophenol		ND	0.2		
Surr: 2,4,6-Tribromopheno[	1.582	0	3.33	0	47.5
Surr: 2-Fluorobiphenyl	0.8553	0	1.67	0	51.2
Surr: 2-Fluorophenol	1.911	0	3.33	0	57.4
Surr: 4-Terphenyl-d14	0.977	0	1.67	0	58.5
Surr: Nitrobenzene-d5	0.861	0	1.67	0	51.6
Surr: Phenol-d6	1.921	0	3.33	0	57.7

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

Hall Environmental Analysis Laboratory

Date: 10-Nov-05

CLIENT: Respec  
Work Order: 0510242  
Project: General Petroleum

**QC SUMMARY REPORT**  
Method Blank

Sample ID	mb-9061	Batch ID:	9061	Test Code:	SW8260B	Units:	mg/Kg	Analysis Date	11/5/2005	Prep Date	10/26/2005
Client ID:				Run ID:	THOR_051104A			SeqNo:	419068		
Analyte				Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val
Benzene				ND	0.05						
Toluene				ND	0.05						
Ethylbenzene				ND	0.05						
Methyl tert-butyl ether (MTBE)				ND	0.05						
1,2,4-Trimethylbenzene				ND	0.05						
1,3,5-Trimethylbenzene				ND	0.05						
1,2-Dichloroethane (EDC)				ND	0.05						
1,2-Dibromoethane (EDB)				ND	0.05						
Naphthalene				ND	0.1						
1-Methylnaphthalene				ND	0.2						
2-Methylnaphthalene				ND	0.2						
Acetone				ND	0.75						
Bromobenzene				ND	0.05						
Bromochloromethane				ND	0.05						
Bromodichloromethane				ND	0.05						
Bromoform				ND	0.05						
Bromomethane				ND	0.1						
2-Butanone				ND	0.5						
Carbon disulfide				ND	0.5						
Carbon tetrachloride				ND	0.1						
Chlorobenzene				ND	0.05						
Chloroethane				ND	0.1						
Chloroform				ND	0.05						
Chloromethane				ND	0.05						
2-Chlorotoluene				ND	0.05						
4-Chlorotoluene				ND	0.05						
cis-1,2-DCE				ND	0.05						

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

/

**QC SUMMARY REPORT**  
Method Blank

**CLIENT:** Respec  
**Work Order:** 0510242  
**Project:** General Petroleum

cis-1,3-Dichloropropene	ND	0.05
1,2-Dibromo-3-chloropropane	ND	0.1
Dibromochloromethane	ND	0.05
Dibromomethane	ND	0.1
1,2-Dichlorobenzene	ND	0.05
1,3-Dichlorobenzene	ND	0.05
1,4-Dichlorobenzene	ND	0.05
Dichlorodifluoromethane	ND	0.05
1,1-Dichloroethane	ND	0.05
1,1-Dichloroethene	ND	0.05
1,2-Dichloropropane	ND	0.05
1,3-Dichloropropane	ND	0.05
2,2-Dichloropropane	ND	0.1
1,1-Dichloropropene	ND	0.05
Hexachlorobutadiene	ND	0.05
2-Hexanone	ND	0.5
Isopropylbenzene	ND	0.05
4-Isopropyltoluene	ND	0.05
4-Methyl-2-pentanone	ND	0.5
Methylene chloride	ND	0.15
n-Butylbenzene	ND	0.05
n-Propylbenzene	ND	0.05
sec-Butylbenzene	ND	0.05
Styrene	ND	0.05
tert-Butylbenzene	ND	0.05
1,1,1,2-Tetrachloroethane	ND	0.05
1,1,2,2-Tetrachloroethane	ND	0.05
Tetrachloroethene (PCE)	ND	0.05
trans-1,2-DCE	ND	0.05
trans-1,3-Dichloropropene	ND	0.05
1,2,3-Trichlorobenzene	ND	0.1
1,2,4-Trichlorobenzene	ND	0.05
1,1,1-Trichloroethane	ND	0.05

Qualifiers:

ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

## QC SUMMARY REPORT

Method Blank

CLIENT: Respec  
Work Order: 0510242  
Project: General Petroleum

1,1,2-Trichloroethane	ND	0.05
Trichloroethene (TCE)	ND	0.05
Trichlorofluoromethane	ND	0.05
1,2,3-Trichloropropane	ND	0.1
Vinyl chloride	ND	0.05
Xylenes, Total	ND	0.05
Surr: 1,2-Dichloroethane-d4	0.4631	0
Surr: 4-Bromofluorobenzene	0.4973	0
Surr: Dibromofluoromethane	0.5644	0
Surr: Toluene-d8	0.5344	0

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

## Hall Environmental Analysis Laboratory

Date: 10-Nov-05

## QC SUMMARY REPORT

Laboratory Control Spike - generic

CLIENT: Respec  
Work Order: 0510242  
Project: General Petroleum

Sample ID	Batch ID:	Test Code:	Units:	Analysis Date	Prep Date						
Client ID:		Run ID:	mg/kg	SeqNo:	11/2/2005						
Analyte		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	13.65	0.3	15	0	91.0	90	110	0			
Sample ID	LCS-9115	Batch ID: 9115	Test Code: E300	Units: mg/kg	Analysis Date 11/3/2005	Prep Date 11/2/2005					
Client ID:		Run ID: LC_051103A		SeqNo: 418364							
Analyte		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	42.13	10	50	0	84.3	67.4	117	0			
Sample ID	LCSD-9063	Batch ID: 9063	Test Code: SW8015	Units: mg/kg	Analysis Date 11/2/2005 9:36:59 PM	Prep Date 10/27/2005					
Client ID:		Run ID: FID(17A) 2_051102A		SeqNo: 418146							
Analyte		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45.34	10	50	0	90.7	67.4	117	0			
Sample ID	Ics-9061	Batch ID: 9061	Test Code: SW8015	Units: mg/kg	Analysis Date 11/2/2005 10:09:12 PM	Prep Date 10/27/2005					
Client ID:		Run ID: PIDFID_051028A		SeqNo: 418147							
Analyte		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25.7	5	25	0	103	84	120	0			
Sample ID	Icsd-9061	Batch ID: 9061	Test Code: SW8015	Units: mg/kg	Analysis Date 10/29/2005 4:06:48 AM	Prep Date 10/26/2005					
Client ID:		Run ID: PIDFID_051028A		SeqNo: 416532							
Analyte		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25.34	5	25	0	101	84	120	25.7	1.41	11.6	

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**CLIENT:** Respec  
**Work Order:** 0510242  
**Project:** General Petroleum

**QC SUMMARY REPORT**  
Laboratory Control Spike - generic

Sample ID	GRO Ics 2.5ug	Batch ID: 9061	Test Code: SW8015	Units: mg/Kg								Analysis Date: 11/1/2005 1:58:22 AM	Prep Date	
Client ID:			Run ID: PIDFID_051031A									SeqNo: 417074		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
Gasoline Range Organics (GRO)		24.14	5	25	0	96.6	84	120	0					
Sample ID lcs-9061	Batch ID: 9061	Test Code: SW8260B	Units: mg/Kg										Analysis Date: 11/5/2005	Prep Date 10/26/2005
Client ID:		Run ID: THOR_051104A											SeqNo: 419133	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
Benzene	1.009	0.05	1	0	101	84	119	0						
Toluene	1.045	0.05	1	0	104	78.7	120	0						
Chlorobenzene	1.031	0.05	1	0	103	93.2	120	0						
1,1-Dichloroethene	0.9701	0.05	1	0	97.0	59	122	0						
Trichloroethene (TCE)	0.9814	0.05	1	0	98.1	69.4	120	0						
Sample ID lcsd-9061	Batch ID: 9061	Test Code: SW8260B	Units: mg/Kg										Analysis Date: 11/5/2005	Prep Date 10/26/2005
Client ID:		Run ID: THOR_051104A											SeqNo: 419146	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
Benzene	1.048	0.05	1	0	105	84	119	0						
Toluene	1.017	0.05	1	0	102	88.4	124	0						
Chlorobenzene	1.015	0.05	1	0	101	93.2	120	0						
1,1-Dichloroethene	0.9521	0.05	1	0	95.2	59	122	0						
Trichloroethene (TCE)	1.033	0.05	1	0	103	69.4	120	0						

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**CLIENT:** Respec  
**Work Order:** 0510242  
**Project:** General Petroleum

## QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID	LCS-9073	Batch ID:	9073	Test Code:	SW8270C	Units:	mg/Kg	Run ID:	ELMO_051104A	Analysis Date	1/4/2005	SeqNo:	418883	Prep Date	10/28/2005
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val		%RPD	RPDLimit	Qual	
Acenaphthene	1.036	0.2	1.67	0	62.0	24	125	0	0	0		0	0		
4-Chloro-3-methylphenol	2.061	0.2	3.33	0	61.9	14.6	154	0	0	0		0	0		
2-Chlorophenol	1.974	0.2	3.33	0	59.3	13.3	149	0	0	0		0	0		
1,4-Dichlorobenzene	0.8657	0.2	1.67	0	51.8	23.6	118	0	0	0		0	0		
2,4-Dinitrotoluene	1.061	0.2	1.67	0	63.5	28	136	0	0	0		0	0		
N-Nitrosodi-n-propylamine	0.8843	0.2	1.67	0	53.0	28	114	0	0	0		0	0		
4-Nitrophenol	1.793	0.2	3.33	0	53.8	13.1	150	0	0	0		0	0		
Pentachlorophenol	1.592	0.5	3.33	0	47.8	20.1	139	0	0	0		0	0		
Phenol	2.013	0.2	3.33	0	60.4	17.3	141	0	0	0		0	0		
Pyrene	1.126	0.2	1.67	0	67.4	29	131	0	0	0		0	0		
1,2,4-Trichlorobenzene	0.843	0.2	1.67	0	50.5	17.9	126	0	0	0		0	0		
Sample ID	LCSD-9073	Batch ID:	9073	Test Code:	SW8270C	Units:	mg/Kg	Run ID:	ELMO_051104A	Analysis Date	1/4/2005	SeqNo:	418884	Prep Date	10/28/2005
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val		%RPD	RPDLimit	Qual	
Acenaphthene	1.068	0.2	1.67	0	64.0	24	125	0	0	0		0	0		
4-Chloro-3-methylphenol	2.015	0.2	3.33	0	60.5	14.6	154	0	0	0		0	0		
2-Chlorophenol	2.008	0.2	3.33	0	60.3	13.3	149	0	0	0		0	0		
1,4-Dichlorobenzene	0.9417	0.2	1.67	0	56.4	23.6	118	0	0	0		0	0		
2,4-Dinitrotoluene	1.05	0.2	1.67	0	62.9	28	136	0	0	0		0	0		
N-Nitrosodi-n-propylamine	0.9393	0.2	1.67	0	56.2	28	114	0	0	0		0	0		
4-Nitrophenol	1.799	0.2	3.33	0	54.0	13.1	150	0	0	0		0	0		
Pentachlorophenol	1.498	0.5	3.33	0	45.0	20.1	139	0	0	0		0	0		
Phenol	2.013	0.2	3.33	0	60.5	17.3	141	0	0	0		0	0		
Pyrene	1.093	0.2	1.67	0	65.5	29	131	0	0	0		0	0		
1,2,4-Trichlorobenzene	0.8587	0.2	1.67	0	51.4	17.9	126	0	0	0		0	0		

Qualifiers:

ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

# Hall Environmental Analysis Laboratory

## Sample Receipt Checklist

Client Name RESPEC

Date and Time Received:

10/25/2005

Work Order Number 0510242

Received by GLS

Checklist completed by

Signature

Date

10/25/05

Matrix

Carrier name Client drop-off

Shipping container/cooler in good condition? Yes  No  Not Present

Custody seals intact on shipping container/cooler? Yes  No  Not Present  Not Shipped

Custody seals intact on sample bottles? Yes  No  N/A

Chain of custody present? Yes  No

Chain of custody signed when relinquished and received? Yes  No

Chain of custody agrees with sample labels? Yes  No

Samples in proper container/bottle? Yes  No

Sample containers intact? Yes  No

Sufficient sample volume for indicated test? Yes  No

All samples received within holding time? Yes  No

Water - VOA vials have zero headspace? No VOA vials submitted  Yes  No

Water - pH acceptable upon receipt? Yes  No  N/A

Container/Temp Blank temperature? 1° 4° C ± 2 Acceptable  
If given sufficient time to cool.

### COMMENTS:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Client contacted \_\_\_\_\_ Date contacted: \_\_\_\_\_ Person contacted \_\_\_\_\_

Contacted by: \_\_\_\_\_ Regarding \_\_\_\_\_

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Corrective Action \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# CHAIN-OF-CUSTODY RECORD

Client: 10-20-05/RESPEC

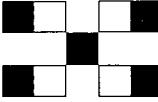
Address: 41775 N 21st NE  
ABQ, NM 87110 STE 300

Project #: 16541.0

Other:

QA/QC Package  
 Std  QC Package  
 Level 4

**HALL ENVIRONMENTAL ANALYSIS LABORATORY**  
4901 Hawkins NE, Suite D  
Albuquerque, New Mexico 87109  
Tel: 505-345-3975 Fax 505-345-4107  
www.hallenvironmental.com



## ANALYSIS REQUEST

Air Bubbles or Headspace (Y or N)

- 8270 (Semi-VOA)
- 8260B (VOA)
- 8081 Pesticides / PCB's (8082)
- Anions (F, Cl, NO<sub>3</sub>, NO<sub>2</sub>, PO<sub>4</sub>, SO<sub>4</sub>)
- RCRA 8 Metals
- 8310 (PNA or PAH)
- EDC (Method 802.1)
- EDB (Method 504.1)
- TPH (Method 418.1)
- TPH Method 8015B (Gas/Diesel)
- BTEX + MTE + TPH (Gasoline Only)
- BTEX + MTBE + TMB's (802.1)

Remarks:

Direct Bill - OCD  
RESULTS TO RESPEC

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative	HgCl <sub>2</sub>	HNO <sub>3</sub>	HEAL No.
10/19/05	1450	Soil	S-1 TEST PIT @ 10'	1/4 oz				1
10/19/05	"	Soil	S-1 TEST PIT - Top of Cielicka 11402				x	2
10/19/05	"	Soil	S-1 TEST PIT - OVERBROOK 11402			x	x	3
10/19/05	1430	Soil	EAST PIT - N. Side @ 15'	1/4 oz		x	x	4
10/19/05	1530	Soil	East PIT - S. side @ 1/2'	1/4 oz		x	x	5

Date: 10/25/05 Time: Relinquished By: (Signature) Received By: (Signature)  
1000 Charles Schaeffer 10/25/05  
Time: Relinquished By: (Signature) Received By: (Signature)  
Date: 10/25/05 Time: 1000 Charles Schaeffer 10/25/05  
Time: Relinquished By: (Signature) Received By: (Signature)  
Date: 10/25/05 Time: 1000 Charles Schaeffer 10/25/05  
Time: Relinquished By: (Signature) Received By: (Signature)



## COVER LETTER

October 19, 2005

Dave Henard  
Respec  
4775 Indian School Rd., NE Suite 300  
Albuquerque, NM 87110  
TEL: (505) 268-2661  
FAX (505) 268-0040

RE: Eunice General Petroleum

Order No.: 0509324

Dear Dave Henard:

Hall Environmental Analysis Laboratory received 4 samples on 9/30/2005 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,



A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman, Business Manager  
Nancy McDuffie, Laboratory Manager



# Hall Environmental Analysis Laboratory

Date: 19-Oct-05

**CLIENT:** Respec  
**Lab Order:** 0509324  
**Project:** Eunice General Petroleum  
**Lab ID:** 0509324-01

**Client Sample ID:** MW-1  
**Collection Date:** 9/29/2005 10:00:00 AM  
**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						
Fluoride	1.8	0.10		mg/L	1	9/30/2005
Chloride	480	2.0		mg/L	20	10/5/2005
Nitrogen, Nitrate (As N)	2.7	0.10		mg/L	1	9/30/2005
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	9/30/2005
Sulfate	78	2.5		mg/L	5	10/5/2005
Nitrate (As N)+Nitrite (As N)	3.1	0.50		mg/L	5	10/11/2005
<b>EPA METHOD 8015B: DIESEL RANGE</b>						
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	10/4/2005 11:54:12 AM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	10/4/2005 11:54:12 AM
Surr: DNOP	98.5	58-140		%REC	1	10/4/2005 11:54:12 AM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	10/1/2005 4:17:38 AM
Surr: BFB	98.4	79.7-118		%REC	1	10/1/2005 4:17:38 AM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	1.0		µg/L	1	10/4/2005
Toluene	ND	1.0		µg/L	1	10/4/2005
Ethylbenzene	ND	1.0		µg/L	1	10/4/2005
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/4/2005
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/4/2005
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/4/2005
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/4/2005
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/4/2005
Naphthalene	ND	2.0		µg/L	1	10/4/2005
1-Methylnaphthalene	ND	4.0		µg/L	1	10/4/2005
2-Methylnaphthalene	ND	4.0		µg/L	1	10/4/2005
Acetone	ND	10		µg/L	1	10/4/2005
Bromobenzene	ND	1.0		µg/L	1	10/4/2005
Bromochloromethane	ND	1.0		µg/L	1	10/4/2005
Bromodichloromethane	ND	1.0		µg/L	1	10/4/2005
Bromoform	ND	1.0		µg/L	1	10/4/2005
Bromomethane	ND	2.0		µg/L	1	10/4/2005
2-Butanone	ND	10		µg/L	1	10/4/2005
Carbon disulfide	ND	10		µg/L	1	10/4/2005
Carbon Tetrachloride	ND	2.0		µg/L	1	10/4/2005
Chlorobenzene	ND	1.0		µg/L	1	10/4/2005
Chloroethane	ND	2.0		µg/L	1	10/4/2005
Chloroform	ND	1.0		µg/L	1	10/4/2005
Chloromethane	ND	1.0		µg/L	1	10/4/2005
2-Chlorotoluene	ND	1.0		µg/L	1	10/4/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
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E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 19-Oct-05

**CLIENT:** Respec  
**Lab Order:** 0509324  
**Project:** Eunice General Petroleum  
**Lab ID:** 0509324-01

**Client Sample ID:** MW-1  
**Collection Date:** 9/29/2005 10:00:00 AM

**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
4-Chlorotoluene	ND	1.0		µg/L	1	10/4/2005
cis-1,2-DCE	ND	1.0		µg/L	1	10/4/2005
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/4/2005
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/4/2005
Dibromochloromethane	ND	1.0		µg/L	1	10/4/2005
Dibromomethane	ND	2.0		µg/L	1	10/4/2005
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/4/2005
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/4/2005
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/4/2005
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/4/2005
1,1-Dichloroethane	ND	1.0		µg/L	1	10/4/2005
1,1-Dichloroethene	ND	1.0		µg/L	1	10/4/2005
1,2-Dichloropropane	ND	1.0		µg/L	1	10/4/2005
1,3-Dichloropropane	ND	1.0		µg/L	1	10/4/2005
2,2-Dichloropropane	ND	1.0		µg/L	1	10/4/2005
1,1-Dichloropropene	ND	1.0		µg/L	1	10/4/2005
Hexachlorobutadiene	ND	1.0		µg/L	1	10/4/2005
2-Hexanone	ND	10		µg/L	1	10/4/2005
Isopropylbenzene	ND	1.0		µg/L	1	10/4/2005
4-Isopropyltoluene	ND	1.0		µg/L	1	10/4/2005
4-Methyl-2-pentanone	ND	10		µg/L	1	10/4/2005
Methylene Chloride	ND	3.0		µg/L	1	10/4/2005
n-Butylbenzene	ND	1.0		µg/L	1	10/4/2005
n-Propylbenzene	ND	1.0		µg/L	1	10/4/2005
sec-Butylbenzene	ND	1.0		µg/L	1	10/4/2005
Styrene	ND	1.0		µg/L	1	10/4/2005
tert-Butylbenzene	ND	1.0		µg/L	1	10/4/2005
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/4/2005
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	1	10/4/2005
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/4/2005
trans-1,2-DCE	ND	1.0		µg/L	1	10/4/2005
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/4/2005
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/4/2005
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/4/2005
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/4/2005
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/4/2005
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/4/2005
Trichlorofluoromethane	ND	1.0		µg/L	1	10/4/2005
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/4/2005
Vinyl chloride	ND	1.0		µg/L	1	10/4/2005
Xylenes, Total	ND	1.0		µg/L	1	10/4/2005
Surr: 1,2-Dichloroethane-d4	110	69.9-130		%REC	1	10/4/2005

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\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 19-Oct-05

**CLIENT:** Respec  
**Lab Order:** 0509324  
**Project:** Eunice General Petroleum  
**Lab ID:** 0509324-01

**Client Sample ID:** MW-1  
**Collection Date:** 9/29/2005 10:00:00 AM  
**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Surr: 4-Bromofluorobenzene	103	71.2-123	%REC	1	1	10/4/2005
Surr: Dibromofluoromethane	100	73.9-134	%REC	1	1	10/4/2005
Surr: Toluene-d8	104	81.9-122	%REC	1	1	10/4/2005
<b>EPA METHOD 8270C: SEMIVOLATILES</b>						Analyst: BL
Acenaphthene	ND	10	µg/L	1	1	10/12/2005
Acenaphthylene	ND	10	µg/L	1	1	10/12/2005
Aniline	ND	20	µg/L	1	1	10/12/2005
Anthracene	ND	10	µg/L	1	1	10/12/2005
Azobenzene	ND	10	µg/L	1	1	10/12/2005
Benz(a)anthracene	ND	15	µg/L	1	1	10/12/2005
Benzo(a)pyrene	ND	15	µg/L	1	1	10/12/2005
Benzo(b)fluoranthene	ND	15	µg/L	1	1	10/12/2005
Benzo(g,h,i)perylene	ND	10	µg/L	1	1	10/12/2005
Benzo(k)fluoranthene	ND	10	µg/L	1	1	10/12/2005
Benzoic acid	ND	50	µg/L	1	1	10/12/2005
Benzyl alcohol	ND	20	µg/L	1	1	10/12/2005
Bis(2-chloroethoxy)methane	ND	10	µg/L	1	1	10/12/2005
Bis(2-chloroethyl)ether	ND	15	µg/L	1	1	10/12/2005
Bis(2-chloroisopropyl)ether	ND	15	µg/L	1	1	10/12/2005
Bis(2-ethylhexyl)phthalate	ND	15	µg/L	1	1	10/12/2005
4-Bromophenyl phenyl ether	ND	10	µg/L	1	1	10/12/2005
Butyl benzyl phthalate	ND	15	µg/L	1	1	10/12/2005
Carbazole	ND	10	µg/L	1	1	10/12/2005
4-Chloro-3-methylphenol	ND	20	µg/L	1	1	10/12/2005
4-Chloroaniline	ND	20	µg/L	1	1	10/12/2005
2-Chloronaphthalene	ND	10	µg/L	1	1	10/12/2005
2-Chlorophenol	ND	10	µg/L	1	1	10/12/2005
4-Chlorophenyl phenyl ether	ND	15	µg/L	1	1	10/12/2005
Chrysene	ND	15	µg/L	1	1	10/12/2005
Di-n-butyl phthalate	ND	10	µg/L	1	1	10/12/2005
Di-n-octyl phthalate	ND	15	µg/L	1	1	10/12/2005
Dibenz(a,h)anthracene	ND	10	µg/L	1	1	10/12/2005
Dibenzofuran	ND	10	µg/L	1	1	10/12/2005
1,2-Dichlorobenzene	ND	10	µg/L	1	1	10/12/2005
1,3-Dichlorobenzene	ND	10	µg/L	1	1	10/12/2005
1,4-Dichlorobenzene	ND	10	µg/L	1	1	10/12/2005
3,3'-Dichlorobenzidine	ND	15	µg/L	1	1	10/12/2005
Diethyl phthalate	ND	10	µg/L	1	1	10/12/2005
Dimethyl phthalate	ND	10	µg/L	1	1	10/12/2005
2,4-Dichlorophenol	ND	10	µg/L	1	1	10/12/2005
2,4-Dimethylphenol	ND	10	µg/L	1	1	10/12/2005
4,6-Dinitro-2-methylphenol	ND	50	µg/L	1	1	10/12/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
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# Hall Environmental Analysis Laboratory

Date: 19-Oct-05

**CLIENT:** Respec  
**Lab Order:** 0509324  
**Project:** Eunice General Petroleum  
**Lab ID:** 0509324-01

**Client Sample ID:** MW-1  
**Collection Date:** 9/29/2005 10:00:00 AM  
**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
2,4-Dinitrophenol	ND	50		µg/L	1	10/12/2005
2,4-Dinitrotoluene	ND	10		µg/L	1	10/12/2005
2,6-Dinitrotoluene	ND	10		µg/L	1	10/12/2005
Fluoranthene	ND	10		µg/L	1	10/12/2005
Fluorene	ND	10		µg/L	1	10/12/2005
Hexachlorobenzene	ND	10		µg/L	1	10/12/2005
Hexachlorobutadiene	ND	10		µg/L	1	10/12/2005
Hexachlorocyclopentadiene	ND	10		µg/L	1	10/12/2005
Hexachloroethane	ND	10		µg/L	1	10/12/2005
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	10/12/2005
Isophorone	ND	10		µg/L	1	10/12/2005
2-Methylnaphthalene	ND	10		µg/L	1	10/12/2005
2-Methylphenol	ND	15		µg/L	1	10/12/2005
3+4-Methylphenol	ND	20		µg/L	1	10/12/2005
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	10/12/2005
N-Nitrosodimethylamine	ND	10		µg/L	1	10/12/2005
N-Nitrosodiphenylamine	ND	10		µg/L	1	10/12/2005
Naphthalene	ND	10		µg/L	1	10/12/2005
2-Nitroaniline	ND	50		µg/L	1	10/12/2005
3-Nitroaniline	ND	50		µg/L	1	10/12/2005
4-Nitroaniline	ND	20		µg/L	1	10/12/2005
Nitrobenzene	ND	10		µg/L	1	10/12/2005
2-Nitrophenol	ND	15		µg/L	1	10/12/2005
4-Nitrophenol	ND	50		µg/L	1	10/12/2005
Pentachlorophenol	ND	50		µg/L	1	10/12/2005
Phenanthrene	ND	10		µg/L	1	10/12/2005
Phenol	ND	10		µg/L	1	10/12/2005
Pyrene	ND	15		µg/L	1	10/12/2005
Pyridine	ND	30		µg/L	1	10/12/2005
1,2,4-Trichlorobenzene	ND	10		µg/L	1	10/12/2005
2,4,5-Trichlorophenol	ND	10		µg/L	1	10/12/2005
2,4,6-Trichlorophenol	ND	15		µg/L	1	10/12/2005
Surr: 2,4,6-Tribromophenol	82.8	16.6-150		%REC	1	10/12/2005
Surr: 2-Fluorobiphenyl	61.0	19.6-134		%REC	1	10/12/2005
Surr: 2-Fluorophenol	49.8	9.54-113		%REC	1	10/12/2005
Surr: 4-Terphenyl-d14	49.9	22.7-145		%REC	1	10/12/2005
Surr: Nitrobenzene-d5	65.8	14.6-134		%REC	1	10/12/2005
Surr: Phenol-d6	34.8	10.7-80.3		%REC	1	10/12/2005

## EPA METHOD 7470: MERCURY

Analyst: IC

Mercury ND 0.00020 mg/L 1 10/6/2005

## EPA METHOD 6010B: DISSOLVED METALS

Analyst: NMO

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
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	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

# Hall Environmental Analysis Laboratory

Date: 19-Oct-05

**CLIENT:** Respec  
**Lab Order:** 0509324  
**Project:** Eunice General Petroleum  
**Lab ID:** 0509324-01

**Client Sample ID:** MW-1  
**Collection Date:** 9/29/2005 10:00:00 AM

**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Arsenic	ND	0.020		mg/L	1	10/17/2005 1:18:16 PM
Barium	0.11	0.020		mg/L	1	10/17/2005 1:18:16 PM
Cadmium	ND	0.0020		mg/L	1	10/17/2005 1:18:16 PM
Chromium	ND	0.0060		mg/L	1	10/17/2005 1:18:16 PM
Copper	0.0066	0.0060		mg/L	1	10/17/2005 1:18:16 PM
Iron	0.081	0.020		mg/L	1	10/17/2005 1:18:16 PM
Lead	ND	0.0050		mg/L	1	10/17/2005 1:18:16 PM
Manganese	0.0050	0.0020		mg/L	1	10/17/2005 1:18:16 PM
Selenium	ND	0.020		mg/L	1	10/17/2005 1:18:16 PM
Silver	ND	0.0050		mg/L	1	10/17/2005 1:18:16 PM
Uranium	ND	0.10		mg/L	1	10/17/2005 1:18:16 PM
Zinc	ND	0.050		mg/L	1	10/17/2005 1:18:16 PM

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

# Hall Environmental Analysis Laboratory

Date: 19-Oct-05

**CLIENT:** Respec  
**Lab Order:** 0509324  
**Project:** Eunice General Petroleum  
**Lab ID:** 0509324-02

**Client Sample ID:** MW-2  
**Collection Date:** 9/29/2005 10:30:00 AM  
**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						
Fluoride	2.8	0.10		mg/L	1	9/30/2005
Chloride	700	2.0		mg/L	20	10/5/2005
Nitrogen, Nitrate (As N)	2.0	0.10		mg/L	1	9/30/2005
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	9/30/2005
Sulfate	340	5.0		mg/L	10	10/5/2005
Nitrate (As N)+Nitrite (As N)	2.4	1.0		mg/L	10	10/11/2005
<b>EPA METHOD 8015B: DIESEL RANGE</b>						
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	10/4/2005 12:28:08 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	10/4/2005 12:28:08 PM
Surr: DNOP	125	58-140		%REC	1	10/4/2005 12:28:08 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	10/1/2005 4:48:07 AM
Surr: BFB	101	79.7-118		%REC	1	10/1/2005 4:48:07 AM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	1.0		µg/L	1	10/4/2005
Toluene	ND	1.0		µg/L	1	10/4/2005
Ethylbenzene	ND	1.0		µg/L	1	10/4/2005
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/4/2005
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/4/2005
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/4/2005
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/4/2005
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/4/2005
Naphthalene	ND	2.0		µg/L	1	10/4/2005
1-Methylnaphthalene	ND	4.0		µg/L	1	10/4/2005
2-Methylnaphthalene	ND	4.0		µg/L	1	10/4/2005
Acetone	ND	10		µg/L	1	10/4/2005
Bromobenzene	ND	1.0		µg/L	1	10/4/2005
Bromochloromethane	ND	1.0		µg/L	1	10/4/2005
Bromodichloromethane	ND	1.0		µg/L	1	10/4/2005
Bromoform	ND	1.0		µg/L	1	10/4/2005
Bromomethane	ND	2.0		µg/L	1	10/4/2005
2-Butanone	ND	10		µg/L	1	10/4/2005
Carbon disulfide	ND	10		µg/L	1	10/4/2005
Carbon Tetrachloride	ND	2.0		µg/L	1	10/4/2005
Chlorobenzene	ND	1.0		µg/L	1	10/4/2005
Chloroethane	ND	2.0		µg/L	1	10/4/2005
Chloroform	ND	1.0		µg/L	1	10/4/2005
Chloromethane	ND	1.0		µg/L	1	10/4/2005
2-Chlorotoluene	ND	1.0		µg/L	1	10/4/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 19-Oct-05

**CLIENT:** Respec  
**Lab Order:** 0509324  
**Project:** Eunice General Petroleum  
**Lab ID:** 0509324-02

**Client Sample ID:** MW-2  
**Collection Date:** 9/29/2005 10:30:00 AM  
**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
4-Chlorotoluene	ND	1.0		µg/L	1	10/4/2005
cis-1,2-DCE	ND	1.0		µg/L	1	10/4/2005
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/4/2005
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/4/2005
Dibromochloromethane	ND	1.0		µg/L	1	10/4/2005
Dibromomethane	ND	2.0		µg/L	1	10/4/2005
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/4/2005
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/4/2005
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/4/2005
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/4/2005
1,1-Dichloroethane	ND	1.0		µg/L	1	10/4/2005
1,1-Dichloroethene	ND	1.0		µg/L	1	10/4/2005
1,2-Dichloropropane	ND	1.0		µg/L	1	10/4/2005
1,3-Dichloropropane	ND	1.0		µg/L	1	10/4/2005
2,2-Dichloropropane	ND	1.0		µg/L	1	10/4/2005
1,1-Dichloropropene	ND	1.0		µg/L	1	10/4/2005
Hexachlorobutadiene	ND	1.0		µg/L	1	10/4/2005
2-Hexanone	ND	10		µg/L	1	10/4/2005
Isopropylbenzene	ND	1.0		µg/L	1	10/4/2005
4-Isopropyltoluene	ND	1.0		µg/L	1	10/4/2005
4-Methyl-2-pentanone	ND	10		µg/L	1	10/4/2005
Methylene Chloride	ND	3.0		µg/L	1	10/4/2005
n-Butylbenzene	ND	1.0		µg/L	1	10/4/2005
n-Propylbenzene	ND	1.0		µg/L	1	10/4/2005
sec-Butylbenzene	ND	1.0		µg/L	1	10/4/2005
Styrene	ND	1.0		µg/L	1	10/4/2005
tert-Butylbenzene	ND	1.0		µg/L	1	10/4/2005
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/4/2005
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	1	10/4/2005
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/4/2005
trans-1,2-DCE	ND	1.0		µg/L	1	10/4/2005
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/4/2005
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/4/2005
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/4/2005
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/4/2005
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/4/2005
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/4/2005
Trichlorofluoromethane	ND	1.0		µg/L	1	10/4/2005
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/4/2005
Vinyl chloride	ND	1.0		µg/L	1	10/4/2005
Xylenes, Total	ND	1.0		µg/L	1	10/4/2005
Surr: 1,2-Dichloroethane-d4	112	69.9-130	%REC		1	10/4/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 19-Oct-05

**CLIENT:** Respec  
**Lab Order:** 0509324  
**Project:** Eunice General Petroleum  
**Lab ID:** 0509324-02

**Client Sample ID:** MW-2  
**Collection Date:** 9/29/2005 10:30:00 AM  
**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Surr: 4-Bromofluorobenzene	110	71.2-123	%REC	1	1	10/4/2005
Surr: Dibromofluoromethane	97.2	73.9-134	%REC	1	1	10/4/2005
Surr: Toluene-d8	105	81.9-122	%REC	1	1	10/4/2005
<b>EPA METHOD 8270C: SEMIVOLATILES</b>						<b>Analyst: BL</b>
Acenaphthene	ND	10	µg/L	1	1	10/12/2005
Acenaphthylene	ND	10	µg/L	1	1	10/12/2005
Aniline	ND	20	µg/L	1	1	10/12/2005
Anthracene	ND	10	µg/L	1	1	10/12/2005
Azobenzene	ND	10	µg/L	1	1	10/12/2005
Benz(a)anthracene	ND	15	µg/L	1	1	10/12/2005
Benzo(a)pyrene	ND	15	µg/L	1	1	10/12/2005
Benzo(b)fluoranthene	ND	15	µg/L	1	1	10/12/2005
Benzo(g,h,i)perylene	ND	10	µg/L	1	1	10/12/2005
Benzo(k)fluoranthene	ND	10	µg/L	1	1	10/12/2005
Benzoic acid	ND	50	µg/L	1	1	10/12/2005
Benzyl alcohol	ND	20	µg/L	1	1	10/12/2005
Bis(2-chloroethoxy)methane	ND	10	µg/L	1	1	10/12/2005
Bis(2-chloroethyl)ether	ND	15	µg/L	1	1	10/12/2005
Bis(2-chloroisopropyl)ether	ND	15	µg/L	1	1	10/12/2005
Bis(2-ethylhexyl)phthalate	ND	15	µg/L	1	1	10/12/2005
4-Bromophenyl phenyl ether	ND	10	µg/L	1	1	10/12/2005
Butyl benzyl phthalate	ND	15	µg/L	1	1	10/12/2005
Carbazole	ND	10	µg/L	1	1	10/12/2005
4-Chloro-3-methylphenol	ND	20	µg/L	1	1	10/12/2005
4-Chloroaniline	ND	20	µg/L	1	1	10/12/2005
2-Chloronaphthalene	ND	10	µg/L	1	1	10/12/2005
2-Chlorophenol	ND	10	µg/L	1	1	10/12/2005
4-Chlorophenyl phenyl ether	ND	15	µg/L	1	1	10/12/2005
Chrysene	ND	15	µg/L	1	1	10/12/2005
Di-n-butyl phthalate	ND	10	µg/L	1	1	10/12/2005
Di-n-octyl phthalate	ND	15	µg/L	1	1	10/12/2005
Dibenz(a,h)anthracene	ND	10	µg/L	1	1	10/12/2005
Dibenzo furan	ND	10	µg/L	1	1	10/12/2005
1,2-Dichlorobenzene	ND	10	µg/L	1	1	10/12/2005
1,3-Dichlorobenzene	ND	10	µg/L	1	1	10/12/2005
1,4-Dichlorobenzene	ND	10	µg/L	1	1	10/12/2005
3,3'-Dichlorobenzidine	ND	15	µg/L	1	1	10/12/2005
Diethyl phthalate	ND	10	µg/L	1	1	10/12/2005
Dimethyl phthalate	ND	10	µg/L	1	1	10/12/2005
2,4-Dichlorophenol	ND	10	µg/L	1	1	10/12/2005
2,4-Dimethylphenol	ND	10	µg/L	1	1	10/12/2005
4,6-Dinitro-2-methylphenol	ND	50	µg/L	1	1	10/12/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 19-Oct-05

**CLIENT:** Respec  
**Lab Order:** 0509324  
**Project:** Eunice General Petroleum  
**Lab ID:** 0509324-02

**Client Sample ID:** MW-2  
**Collection Date:** 9/29/2005 10:30:00 AM  
**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
2,4-Dinitrophenol	ND	50		µg/L	1	10/12/2005
2,4-Dinitrotoluene	ND	10		µg/L	1	10/12/2005
2,6-Dinitrotoluene	ND	10		µg/L	1	10/12/2005
Fluoranthene	ND	10		µg/L	1	10/12/2005
Fluorene	ND	10		µg/L	1	10/12/2005
Hexachlorobenzene	ND	10		µg/L	1	10/12/2005
Hexachlorobutadiene	ND	10		µg/L	1	10/12/2005
Hexachlorocyclopentadiene	ND	10		µg/L	1	10/12/2005
Hexachloroethane	ND	10		µg/L	1	10/12/2005
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	10/12/2005
Isophorone	ND	10		µg/L	1	10/12/2005
2-Methylnaphthalene	ND	10		µg/L	1	10/12/2005
2-Methylphenol	ND	15		µg/L	1	10/12/2005
3+4-Methylphenol	ND	20		µg/L	1	10/12/2005
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	10/12/2005
N-Nitrosodimethylamine	ND	10		µg/L	1	10/12/2005
N-Nitrosodiphenylamine	ND	10		µg/L	1	10/12/2005
Naphthalene	ND	10		µg/L	1	10/12/2005
2-Nitroaniline	ND	50		µg/L	1	10/12/2005
3-Nitroaniline	ND	50		µg/L	1	10/12/2005
4-Nitroaniline	ND	20		µg/L	1	10/12/2005
Nitrobenzene	ND	10		µg/L	1	10/12/2005
2-Nitrophenol	ND	15		µg/L	1	10/12/2005
4-Nitrophenol	ND	50		µg/L	1	10/12/2005
Pentachlorophenol	ND	50		µg/L	1	10/12/2005
Phenanthrene	ND	10		µg/L	1	10/12/2005
Phenol	ND	10		µg/L	1	10/12/2005
Pyrene	ND	15		µg/L	1	10/12/2005
Pyridine	ND	30		µg/L	1	10/12/2005
1,2,4-Trichlorobenzene	ND	10		µg/L	1	10/12/2005
2,4,5-Trichlorophenol	ND	10		µg/L	1	10/12/2005
2,4,6-Trichlorophenol	ND	15		µg/L	1	10/12/2005
Surr: 2,4,6-Tribromophenol	53.1	16.6-150		%REC	1	10/12/2005
Surr: 2-Fluorobiphenyl	47.1	19.6-134		%REC	1	10/12/2005
Surr: 2-Fluorophenol	31.0	9.54-113		%REC	1	10/12/2005
Surr: 4-Terphenyl-d14	6.52	22.7-145	S	%REC	1	10/12/2005
Surr: Nitrobenzene-d5	56.2	14.6-134		%REC	1	10/12/2005
Surr: Phenol-d6	21.7	10.7-80.3		%REC	1	10/12/2005

## EPA METHOD 7470: MERCURY

Mercury ND 0.00020 mg/L 1 Analyst: IC 10/6/2005

## EPA METHOD 6010B: DISSOLVED METALS

Analyst: NMO

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

# Hall Environmental Analysis Laboratory

Date: 19-Oct-05

CLIENT: Respec  
Lab Order: 0509324  
Project: Eunice General Petroleum  
Lab ID: 0509324-02

Client Sample ID: MW-2  
Collection Date: 9/29/2005 10:30:00 AM

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Arsenic	ND	0.020		mg/L	1	10/17/2005 1:21:30 PM
Barium	0.054	0.020		mg/L	1	10/17/2005 1:21:30 PM
Cadmium	ND	0.0020		mg/L	1	10/17/2005 1:21:30 PM
Chromium	ND	0.0060		mg/L	1	10/17/2005 1:21:30 PM
Copper	0.013	0.0060		mg/L	1	10/17/2005 1:21:30 PM
Iron	ND	0.020		mg/L	1	10/17/2005 1:21:30 PM
Lead	ND	0.0050		mg/L	1	10/17/2005 1:21:30 PM
Manganese	0.27	0.0020		mg/L	1	10/17/2005 1:21:30 PM
Selenium	ND	0.020		mg/L	1	10/17/2005 1:21:30 PM
Silver	ND	0.0050		mg/L	1	10/17/2005 1:21:30 PM
Uranium	ND	0.10		mg/L	1	10/17/2005 1:21:30 PM
Zinc	ND	0.050		mg/L	1	10/17/2005 1:21:30 PM

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

# Hall Environmental Analysis Laboratory

Date: 19-Oct-05

CLIENT: Respec  
 Lab Order: 0509324  
 Project: Eunice General Petroleum  
 Lab ID: 0509324-03

Client Sample ID: MW-3  
 Collection Date: 9/29/2005 11:00:00 AM  
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						
Fluoride	3.0	0.10		mg/L	1	9/30/2005
Chloride	77	0.50		mg/L	5	10/5/2005
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	9/30/2005
Nitrogen, Nitrate (As N)	2.0	0.10		mg/L	1	9/30/2005
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	9/30/2005
Sulfate	93	2.5		mg/L	5	10/5/2005
<b>EPA METHOD 8015B: DIESEL RANGE</b>						
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	10/4/2005 1:02:06 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	10/4/2005 1:02:06 PM
Surr: DNOP	139	58-140		%REC	1	10/4/2005 1:02:06 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	10/1/2005 5:18:52 AM
Surr: BFB	97.5	79.7-118		%REC	1	10/1/2005 5:18:52 AM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	1.0		µg/L	1	10/4/2005
Toluene	ND	1.0		µg/L	1	10/4/2005
Ethylbenzene	ND	1.0		µg/L	1	10/4/2005
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/4/2005
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/4/2005
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/4/2005
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/4/2005
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/4/2005
Naphthalene	ND	2.0		µg/L	1	10/4/2005
1-Methylnaphthalene	ND	4.0		µg/L	1	10/4/2005
2-Methylnaphthalene	ND	4.0		µg/L	1	10/4/2005
Acetone	ND	10		µg/L	1	10/4/2005
Bromobenzene	ND	1.0		µg/L	1	10/4/2005
Bromochloromethane	ND	1.0		µg/L	1	10/4/2005
Bromodichloromethane	ND	1.0		µg/L	1	10/4/2005
Bromoform	ND	1.0		µg/L	1	10/4/2005
Bromomethane	ND	2.0		µg/L	1	10/4/2005
2-Butanone	ND	10		µg/L	1	10/4/2005
Carbon disulfide	ND	10		µg/L	1	10/4/2005
Carbon Tetrachloride	ND	2.0		µg/L	1	10/4/2005
Chlorobenzene	ND	1.0		µg/L	1	10/4/2005
Chloroethane	ND	2.0		µg/L	1	10/4/2005
Chloroform	ND	1.0		µg/L	1	10/4/2005
Chloromethane	ND	1.0		µg/L	1	10/4/2005
2-Chlorotoluene	ND	1.0		µg/L	1	10/4/2005

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 19-Oct-05

**CLIENT:** Respec  
**Lab Order:** 0509324  
**Project:** Eunice General Petroleum  
**Lab ID:** 0509324-03

**Client Sample ID:** MW-3  
**Collection Date:** 9/29/2005 11:00:00 AM  
**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
4-Chlorotoluene	ND	1.0		µg/L	1	10/4/2005
cis-1,2-DCE	ND	1.0		µg/L	1	10/4/2005
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/4/2005
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/4/2005
Dibromochloromethane	ND	1.0		µg/L	1	10/4/2005
Dibromomethane	ND	2.0		µg/L	1	10/4/2005
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/4/2005
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/4/2005
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/4/2005
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/4/2005
1,1-Dichloroethane	ND	1.0		µg/L	1	10/4/2005
1,1-Dichloroethene	ND	1.0		µg/L	1	10/4/2005
1,2-Dichloropropane	ND	1.0		µg/L	1	10/4/2005
1,3-Dichloropropane	ND	1.0		µg/L	1	10/4/2005
2,2-Dichloropropane	ND	1.0		µg/L	1	10/4/2005
1,1-Dichloropropene	ND	1.0		µg/L	1	10/4/2005
Hexachlorobutadiene	ND	1.0		µg/L	1	10/4/2005
2-Hexanone	ND	10		µg/L	1	10/4/2005
Isopropylbenzene	ND	1.0		µg/L	1	10/4/2005
4-Isopropyltoluene	ND	1.0		µg/L	1	10/4/2005
4-Methyl-2-pentanone	ND	10		µg/L	1	10/4/2005
Methylene Chloride	ND	3.0		µg/L	1	10/4/2005
n-Butylbenzene	ND	1.0		µg/L	1	10/4/2005
n-Propylbenzene	ND	1.0		µg/L	1	10/4/2005
sec-Butylbenzene	ND	1.0		µg/L	1	10/4/2005
Styrene	ND	1.0		µg/L	1	10/4/2005
tert-Butylbenzene	ND	1.0		µg/L	1	10/4/2005
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/4/2005
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	1	10/4/2005
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/4/2005
trans-1,2-DCE	ND	1.0		µg/L	1	10/4/2005
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/4/2005
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/4/2005
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/4/2005
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/4/2005
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/4/2005
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/4/2005
Trichlorofluoromethane	ND	1.0		µg/L	1	10/4/2005
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/4/2005
Vinyl chloride	ND	1.0		µg/L	1	10/4/2005
Xylenes, Total	ND	1.0		µg/L	1	10/4/2005
Surr: 1,2-Dichloroethane-d4	98.9	69.9-130		%REC	1	10/4/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 19-Oct-05

**CLIENT:** Respec  
**Lab Order:** 0509324  
**Project:** Eunice General Petroleum  
**Lab ID:** 0509324-03

**Client Sample ID:** MW-3

**Collection Date:** 9/29/2005 11:00:00 AM

**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Surr: 4-Bromofluorobenzene	105	71.2-123	%REC	1	1	10/4/2005
Surr: Dibromofluoromethane	99.4	73.9-134	%REC	1	1	10/4/2005
Surr: Toluene-d8	102	81.9-122	%REC	1	1	10/4/2005
<b>EPA METHOD 8270C: SEMIVOLATILES</b>						<b>Analyst: BL</b>
Acenaphthene	ND	10	µg/L	1	1	10/12/2005
Acenaphthylene	ND	10	µg/L	1	1	10/12/2005
Aniline	ND	20	µg/L	1	1	10/12/2005
Anthracene	ND	10	µg/L	1	1	10/12/2005
Azobenzene	ND	10	µg/L	1	1	10/12/2005
Benz(a)anthracene	ND	15	µg/L	1	1	10/12/2005
Benzo(a)pyrene	ND	15	µg/L	1	1	10/12/2005
Benzo(b)fluoranthene	ND	15	µg/L	1	1	10/12/2005
Benzo(g,h,i)perylene	ND	10	µg/L	1	1	10/12/2005
Benzo(k)fluoranthene	ND	10	µg/L	1	1	10/12/2005
Benzoic acid	ND	50	µg/L	1	1	10/12/2005
Benzyl alcohol	ND	20	µg/L	1	1	10/12/2005
Bis(2-chloroethoxy)methane	ND	10	µg/L	1	1	10/12/2005
Bis(2-chloroethyl)ether	ND	15	µg/L	1	1	10/12/2005
Bis(2-chloroisopropyl)ether	ND	15	µg/L	1	1	10/12/2005
Bis(2-ethylhexyl)phthalate	ND	15	µg/L	1	1	10/12/2005
4-Bromophenyl phenyl ether	ND	10	µg/L	1	1	10/12/2005
Butyl benzyl phthalate	ND	15	µg/L	1	1	10/12/2005
Carbazole	ND	10	µg/L	1	1	10/12/2005
4-Chloro-3-methylphenol	ND	20	µg/L	1	1	10/12/2005
4-Chloroaniline	ND	20	µg/L	1	1	10/12/2005
2-Chloronaphthalene	ND	10	µg/L	1	1	10/12/2005
2-Chlorophenol	ND	10	µg/L	1	1	10/12/2005
4-Chlorophenyl phenyl ether	ND	15	µg/L	1	1	10/12/2005
Chrysene	ND	15	µg/L	1	1	10/12/2005
Di-n-butyl phthalate	ND	10	µg/L	1	1	10/12/2005
Di-n-octyl phthalate	ND	15	µg/L	1	1	10/12/2005
Dibenz(a,h)anthracene	ND	10	µg/L	1	1	10/12/2005
Dibenzofuran	ND	10	µg/L	1	1	10/12/2005
1,2-Dichlorobenzene	ND	10	µg/L	1	1	10/12/2005
1,3-Dichlorobenzene	ND	10	µg/L	1	1	10/12/2005
1,4-Dichlorobenzene	ND	10	µg/L	1	1	10/12/2005
3,3'-Dichlorobenzidine	ND	15	µg/L	1	1	10/12/2005
Diethyl phthalate	ND	10	µg/L	1	1	10/12/2005
Dimethyl phthalate	ND	10	µg/L	1	1	10/12/2005
2,4-Dichlorophenol	ND	10	µg/L	1	1	10/12/2005
2,4-Dimethylphenol	ND	10	µg/L	1	1	10/12/2005
4,6-Dinitro-2-methylphenol	ND	50	µg/L	1	1	10/12/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 19-Oct-05

**CLIENT:** Respec  
**Lab Order:** 0509324  
**Project:** Eunice General Petroleum  
**Lab ID:** 0509324-03

**Client Sample ID:** MW-3  
**Collection Date:** 9/29/2005 11:00:00 AM

**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
2,4-Dinitrophenol	ND	50	µg/L	1	10/12/2005	
2,4-Dinitrotoluene	ND	10	µg/L	1	10/12/2005	
2,6-Dinitrotoluene	ND	10	µg/L	1	10/12/2005	
Fluoranthene	ND	10	µg/L	1	10/12/2005	
Fluorene	ND	10	µg/L	1	10/12/2005	
Hexachlorobenzene	ND	10	µg/L	1	10/12/2005	
Hexachlorobutadiene	ND	10	µg/L	1	10/12/2005	
Hexachlorocyclopentadiene	ND	10	µg/L	1	10/12/2005	
Hexachloroethane	ND	10	µg/L	1	10/12/2005	
Indeno(1,2,3-cd)pyrene	ND	10	µg/L	1	10/12/2005	
Isophorone	ND	10	µg/L	1	10/12/2005	
2-Methylnaphthalene	ND	10	µg/L	1	10/12/2005	
2-Methylphenol	ND	15	µg/L	1	10/12/2005	
3+4-Methylphenol	ND	20	µg/L	1	10/12/2005	
N-Nitrosodi-n-propylamine	ND	10	µg/L	1	10/12/2005	
N-Nitrosodimethylamine	ND	10	µg/L	1	10/12/2005	
N-Nitrosodiphenylamine	ND	10	µg/L	1	10/12/2005	
Naphthalene	ND	10	µg/L	1	10/12/2005	
2-Nitroaniline	ND	50	µg/L	1	10/12/2005	
3-Nitroaniline	ND	50	µg/L	1	10/12/2005	
4-Nitroaniline	ND	20	µg/L	1	10/12/2005	
Nitrobenzene	ND	10	µg/L	1	10/12/2005	
2-Nitrophenol	ND	15	µg/L	1	10/12/2005	
4-Nitrophenol	ND	50	µg/L	1	10/12/2005	
Pentachlorophenol	ND	50	µg/L	1	10/12/2005	
Phenanthrene	ND	10	µg/L	1	10/12/2005	
Phenol	ND	10	µg/L	1	10/12/2005	
Pyrene	ND	15	µg/L	1	10/12/2005	
Pyridine	ND	30	µg/L	1	10/12/2005	
1,2,4-Trichlorobenzene	ND	10	µg/L	1	10/12/2005	
2,4,5-Trichlorophenol	ND	10	µg/L	1	10/12/2005	
2,4,6-Trichlorophenol	ND	15	µg/L	1	10/12/2005	
Surr: 2,4,6-Tribromophenol	78.9	16.6-150	%REC	1	10/12/2005	
Surr: 2-Fluorobiphenyl	56.1	19.6-134	%REC	1	10/12/2005	
Surr: 2-Fluorophenol	37.2	9.54-113	%REC	1	10/12/2005	
Surr: 4-Terphenyl-d14	46.7	22.7-145	%REC	1	10/12/2005	
Surr: Nitrobenzene-d5	60.6	14.6-134	%REC	1	10/12/2005	
Surr: Phenol-d6	27.6	10.7-80.3	%REC	1	10/12/2005	

## EPA METHOD 7470: MERCURY

Analyst: IC

Mercury ND 0.00020 mg/L 1 10/6/2005

## EPA METHOD 6010B: DISSOLVED METALS

Analyst: NMO

Qualifiers:	ND - Not Detected at the Reporting Limit J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank * - Value exceeds Maximum Contaminant Level	S - Spike Recovery outside accepted recovery limits R - RPD outside accepted recovery limits E - Value above quantitation range
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**Hall Environmental Analysis Laboratory****Date:** 19-Oct-05

**CLIENT:** Respec  
**Lab Order:** 0509324  
**Project:** Eunice General Petroleum  
**Lab ID:** 0509324-03

**Client Sample ID:** MW-3  
**Collection Date:** 9/29/2005 11:00:00 AM

**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Arsenic	ND	0.020		mg/L	1	10/17/2005 1:25:39 PM
Barium	0.048	0.020		mg/L	1	10/17/2005 1:25:39 PM
Cadmium	ND	0.0020		mg/L	1	10/17/2005 1:25:39 PM
Chromium	ND	0.0060		mg/L	1	10/17/2005 1:25:39 PM
Copper	0.0079	0.0060		mg/L	1	10/17/2005 1:25:39 PM
Iron	0.027	0.020		mg/L	1	10/17/2005 1:25:39 PM
Lead	ND	0.0050		mg/L	1	10/17/2005 1:25:39 PM
Manganese	0.0021	0.0020		mg/L	1	10/17/2005 1:25:39 PM
Selenium	ND	0.020		mg/L	1	10/17/2005 1:25:39 PM
Silver	ND	0.0050		mg/L	1	10/17/2005 1:25:39 PM
Uranium	ND	0.10		mg/L	1	10/17/2005 1:25:39 PM
Zinc	ND	0.050		mg/L	1	10/17/2005 1:25:39 PM

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

# Hall Environmental Analysis Laboratory

Date: 19-Oct-05

**CLIENT:** Respec  
**Lab Order:** 0509324  
**Project:** Eunice General Petroleum  
**Lab ID:** 0509324-04

**Client Sample ID:** Trip Blank  
**Collection Date:**

**Matrix:** TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	10/1/2005 5:49:23 AM
Surr: BFB	99.6	79.7-118		%REC	1	10/1/2005 5:49:23 AM
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	ND	1.0		µg/L	1	10/4/2005
Toluene	ND	1.0		µg/L	1	10/4/2005
Ethylbenzene	ND	1.0		µg/L	1	10/4/2005
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/4/2005
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/4/2005
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/4/2005
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/4/2005
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/4/2005
Naphthalene	ND	2.0		µg/L	1	10/4/2005
1-Methylnaphthalene	ND	4.0		µg/L	1	10/4/2005
2-Methylnaphthalene	ND	4.0		µg/L	1	10/4/2005
Acetone	ND	10		µg/L	1	10/4/2005
Bromobenzene	ND	1.0		µg/L	1	10/4/2005
Bromochloromethane	ND	1.0		µg/L	1	10/4/2005
Bromodichloromethane	ND	1.0		µg/L	1	10/4/2005
Bromoform	ND	1.0		µg/L	1	10/4/2005
Bromomethane	ND	2.0		µg/L	1	10/4/2005
2-Butanone	ND	10		µg/L	1	10/4/2005
Carbon disulfide	ND	10		µg/L	1	10/4/2005
Carbon Tetrachloride	ND	2.0		µg/L	1	10/4/2005
Chlorobenzene	ND	1.0		µg/L	1	10/4/2005
Chloroethane	ND	2.0		µg/L	1	10/4/2005
Chloroform	ND	1.0		µg/L	1	10/4/2005
Chloromethane	ND	1.0		µg/L	1	10/4/2005
2-Chlorotoluene	ND	1.0		µg/L	1	10/4/2005
4-Chlorotoluene	ND	1.0		µg/L	1	10/4/2005
cis-1,2-DCE	ND	1.0		µg/L	1	10/4/2005
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/4/2005
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/4/2005
Dibromochloromethane	ND	1.0		µg/L	1	10/4/2005
Dibromomethane	ND	2.0		µg/L	1	10/4/2005
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/4/2005
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/4/2005
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/4/2005
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/4/2005
1,1-Dichloroethane	ND	1.0		µg/L	1	10/4/2005
1,1-Dichloroethene	ND	1.0		µg/L	1	10/4/2005

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 19-Oct-05

CLIENT: Respec  
 Lab Order: 0509324  
 Project: Eunice General Petroleum  
 Lab ID: 0509324-04

Client Sample ID: Trip Blank  
 Collection Date:

Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
1,2-Dichloropropane	ND	1.0		µg/L	1	10/4/2005
1,3-Dichloropropane	ND	1.0		µg/L	1	10/4/2005
2,2-Dichloropropane	ND	1.0		µg/L	1	10/4/2005
1,1-Dichloropropene	ND	1.0		µg/L	1	10/4/2005
Hexachlorobutadiene	ND	1.0		µg/L	1	10/4/2005
2-Hexanone	ND	10		µg/L	1	10/4/2005
Isopropylbenzene	ND	1.0		µg/L	1	10/4/2005
4-Isopropyltoluene	ND	1.0		µg/L	1	10/4/2005
4-Methyl-2-pentanone	ND	10		µg/L	1	10/4/2005
Methylene Chloride	ND	3.0		µg/L	1	10/4/2005
n-Butylbenzene	ND	1.0		µg/L	1	10/4/2005
n-Propylbenzene	ND	1.0		µg/L	1	10/4/2005
sec-Butylbenzene	ND	1.0		µg/L	1	10/4/2005
Styrene	ND	1.0		µg/L	1	10/4/2005
tert-Butylbenzene	ND	1.0		µg/L	1	10/4/2005
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/4/2005
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	1	10/4/2005
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/4/2005
trans-1,2-DCE	ND	1.0		µg/L	1	10/4/2005
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/4/2005
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/4/2005
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/4/2005
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/4/2005
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/4/2005
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/4/2005
Trichlorofluoromethane	ND	1.0		µg/L	1	10/4/2005
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/4/2005
Vinyl chloride	ND	1.0		µg/L	1	10/4/2005
Xylenes, Total	ND	1.0		µg/L	1	10/4/2005
Surr: 1,2-Dichloroethane-d4	102	69.9-130		%REC	1	10/4/2005
Surr: 4-Bromofluorobenzene	115	71.2-123		%REC	1	10/4/2005
Surr: Dibromofluoromethane	99.9	73.9-134		%REC	1	10/4/2005
Surr: Toluene-d8	108	81.9-122		%REC	1	10/4/2005

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 19-Oct-05

**CLIENT:** Respec  
**Work Order:** 0509324  
**Project:** Eunice General Petroleum

## QC SUMMARY REPORT

Method Blank

Sample ID	MBLK	Batch ID:	R16830	Test Code:	E300	Units:	mg/L	Analysis Date	9/30/2005	Prep Date		
Client ID:		Run ID:	LC_050930A	SeqNo:				SeqNo:	406281			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPD Limit	Qual
Fluoride		ND	0.1									
Chloride		ND	0.1									
Nitrogen, Nitrite (As N)		ND	0.1									
Nitrogen, Nitrate (As N)		ND	0.1									
Phosphorus, Orthophosphate (As P)		ND	0.5									
Sulfate		ND	0.5									
Nitrate (As N)+Nitrite (As N)		ND	0.1									
Sample ID	MBLK	Batch ID:	R16873	Test Code:	E300	Units:	mg/L	Analysis Date	10/5/2005	Prep Date		
Client ID:		Run ID:	LC_051005A	SeqNo:				SeqNo:	408106			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPD Limit	Qual
Fluoride		ND	0.1									
Chloride		ND	0.1									
Nitrogen, Nitrite (As N)		ND	0.1									
Nitrogen, Nitrate (As N)		ND	0.1									
Phosphorus, Orthophosphate (As P)		ND	0.5									
Sulfate		ND	0.5									
Nitrate (As N)+Nitrite (As N)		ND	0.1									

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
J - Analyte detected in the associated Method Blank

# QC SUMMARY REPORT

Method Blank

**CLIENT:** Respec  
**Work Order:** 0509324  
**Project:** Eunice General Petroleum

Sample ID	MBLK	Batch ID: R16932	Test Code: E300	Units: mg/L	Analysis Date 10/11/2005				Prep Date
Client ID:		Run ID:	LC_051011A		SeqNo:	410517			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val
Fluoride	ND	0.1	0	0	0	0	0	0	0
Chloride	ND	0.1	0	0	0	0	0	0	0
Nitrogen, Nitrite (As N)	ND	0.1	0	0	0	0	0	0	0
Nitrogen, Nitrate (As N)	ND	0.1	0	0	0	0	0	0	0
Phosphorus, Orthophosphate (As P)	ND	0.5	0	0	0	0	0	0	0
Sulfate	ND	0.5	0	0	0	0	0	0	0
Nitrate (As N)+Nitrite (As N)	ND	0.1	0	0	0	0	0	0	0

Sample ID	MB-8871	Batch ID: 8871	Test Code: SW8015	Units: mg/L	Analysis Date 10/4/2005 9:42:39 AM				Prep Date 10/4/2005
Client ID:		Run ID:	FID(17A) 2_051004A		SeqNo:	406826			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val
Diesel Range Organics (DRO)	ND	1							
Motor Oil Range Organics (MRO)	ND	5							
Surf: DNOP	1.307	0	1	0	0	131	58	140	0

Sample ID	Reagent Blank 5m	Batch ID: R16833	Test Code: SW8015	Units: mg/L	Analysis Date 9/30/2005 8:42:07 AM				Prep Date
Client ID:		Run ID:	PIDFID_050930A		SeqNo:	406440			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val
Gasoline Range Organics (GRO)	ND	0.05	20	0	95.4	79.7	118	0	
Surf: BFB	19.08	0							

Qualifiers:

ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**CLIENT:** Respec  
**Work Order:** 0509324  
**Project:** Eunice General Petroleum

**OC SUMMARY REPORT**  
Method Blank

Sample ID	MB-8864	Batch ID:	8864	Test Code:	SW8270C	Units:	µg/L	Analysis Date	10/12/2005	SeqNo:	410869	Prep Date	10/3/2005	%RPD	RPDLimit	Qual
Client ID:				Run ID:	ELMO_051012A	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val				
Analyte																
Acenaphthene				Result	ND	10										
Acenaphthylene					ND	10										
Aniline					ND	20										
Anthracene					ND	10										
Azobenzene					ND	10										
Benz(a)anthracene					ND	15										
Benz(a)pyrene					ND	15										
Benz(b)fluoranthene					ND	15										
Benz(g,h,i)perylene					ND	10										
Benz(k)fluoranthene					ND	10										
Benzoic acid					ND	50										
Benzyl alcohol					ND	20										
Bis(2-chloroethoxy)methane					ND	10										
Bis(2-chloroethyl)ether					ND	15										
Bis(2-chloroisopropyl)ether					ND	15										
Bis(2-ethylhexyl)phthalate					ND	15										
4-Bromophenyl phenyl ether					ND	10										
Butyl benzyl phthalate					ND	15										
Carbazole					ND	10										
4-Chloro-3-methylphenol					ND	20										
4-Chloroaniline					ND	20										
2-Chloronaphthalene					ND	10										
2-Chlorophenol					ND	10										
4-Chlorophenyl phenyl ether					ND	15										
Chrysene					ND	15										
Di-n-butyl phthalate					ND	10										
Di-n-octyl phthalate					ND	15										
Dibenz(a,h)anthracene					ND	10										

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

# QC SUMMARY REPORT

Method Blank

**CLIENT:** Respec  
**Work Order:** 0509324  
**Project:** Eunice General Petroleum

Dibenzofuran	ND	10			
1,2-Dichlorobenzene	ND	10			
1,3-Dichlorobenzene	ND	10			
1,4-Dichlorobenzene	ND	10			
3,3'-Dichlorobenzidine	ND	15			
Diethyl phthalate	ND	10			
Dimethyl phthalate	ND	10			
2,4-Dichlorophenol	ND	10			
2,4-Dimethylphenol	ND	10			
4,6-Dinitro-2-methylphenol	ND	50			
2,4-Dinitrophenol	ND	50			
2,4-Dinitrotoluene	ND	10			
2,6-Dinitrotoluene	ND	10			
Fluoranthene	ND	10			
Fluorene	ND	10			
Hexachlorobenzene	ND	10			
Hexachlorobutadiene	ND	10			
Hexachlorocyclopentadiene	ND	10			
Hexachloroethane	ND	10			
Indeno[1,2,3-cd]pyrene	ND	10			
Isophorone	ND	10			
2-Methylnaphthalene	ND	10			
2-Methylphenol	ND	15			
3+4-Methylphenol	ND	20			
N-Nitrosodi-n-propylamine	ND	10			
N-Nitrosodimethylamine	5.7	10			
N-Nitrosodiphenylamine	ND	10			
Naphthalene	ND	10			
2-Nitroaniline	ND	50			
3-Nitroaniline	ND	50			
4-Nitroaniline	ND	20			
Nitrobenzene	ND	10			
2-Nitrophenol	ND	15			

Qualifiers:

ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

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QC SUMMARY REPORT

## Method Blank

Project:	Lumic Generations	1	2	3	4	5	6	7	8	9	10	11	12
4-Nitrophenol	ND	50											
Pentachlorophenol	ND	50											
Phenanthrene	ND	10											
Phenol	ND	10											
Pyrene	ND	15											
Pyridine	ND	30											
1,2,4-Trichlorobenzene	ND	10											
2,4,5-Trichlorophenol	ND	10											
2,4,6-Trichlorophenol	ND	15											
Surr: 2,4,6-Tribromophenol	162.5	0	200										
Surr: 2-Fluorobiphenyl	62.88	0	100	0	62.9	19.6	134	0					
Surr: 2-Fluorophenol	103.1	0	200	0	51.6	9.54	113	0					
Surr: 4-Terphenyl-d14	62.84	0	100	0	62.8	22.7	145	0					
Surr: Nitrobenzene-d5	68.04	0	100	0	68.0	14.6	134	0					
Surr: Phenol-d6	81.2	0	200	0	40.6	10.7	80.3	0					

Sample ID	MB-8897	Batch ID:	8897	Test Code:	<b>SW7470</b>	Units:	mg/L	Analysis Date			10/6/2005	Prep Date	10/6/2005
Client ID:		Run ID:		<b>MI-LA254_051006A</b>			SeqNo:				408247		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	Low limit	High limit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		ND									0.0002		

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**QC SUMMARY REPORT**  
Method Blank

**CLIENT:** Respec  
**Work Order:** 0509324  
**Project:** Eunice General Petroleum

Sample ID	MB	Batch ID:	R16994	Test Code:	SW6010A	Units: mg/L	Analysis Date	10/18/2005	12:28:27 P	Prep Date
Client ID:		Run ID:	ICP_051018B	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val
Analyte		Result								
Arsenic		ND		0.02						
Barium		ND		0.02						
Cadmium		ND		0.002						
Chromium		ND		0.006						
Copper		ND		0.006						
Iron		ND		0.02						
Lead		ND		0.005						
Manganese		ND		0.002						
Selenium		ND		0.02						
Silver		ND		0.005						
Uranium		ND		0.1						
Zinc		ND		0.05						

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

# QC SUMMARY REPORT

Method Blank

**CLIENT:** Respec  
**Work Order:** 0509324  
**Project:** Eunice General Petroleum

Sample ID	MB	Batch ID:	R16994	Test Code:	SW6010A	Units:	mg/L	Analysis Date	10/17/2005 12:58:38 P	Prep Date	
Client ID:		Run ID:	ICP_051018B	SeqNo:				412447			
Analyte		Result	PQL	%REC	SPK Ref Val	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic		ND	0.02								
Barium		ND	0.02								
Cadmium		ND	0.002								
Chromium		ND	0.006								
Copper		ND	0.006								
Iron		ND	0.02								
Lead		ND	0.005								
Manganese		ND	0.002								
Selenium		0.01363	0.02								
Silver		ND	0.005								
Uranium		ND	0.1								
Zinc		ND	0.05								

J

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

**S - Spike Recovery outside accepted recovery limits**  
B - Analyte detected in the associated Method Blank

**T**  
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Hall Environmental Analysis Laboratory

**CLIENT:** Respec  
**Work Order:** 0509324  
**Project:** Eunice General Petroleum

Date: 19-Oct-05

**QC SUMMARY REPORT**

Method Blank

Sample ID	5ml rb	Batch ID: R16856	Test Code: SW8260B	Units: µg/L	Analysis Date 10/4/2005			Prep Date				
Client ID:		Run ID: THOR_051004A			SeqNo:	407528						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene		ND	1									
Toluene		ND	1									
Ethylbenzene		ND	1									
Methyl tert-butyl ether (MTBE)		ND	1									
1,2,4-Trimethylbenzene		ND	1									
1,3,5-Trimethylbenzene		ND	1									
1,2-Dichloroethane (EDC)		0.794	1									J
1,2-Dibromoethane (EDB)		ND	1									
Naphthalene		1.192	2									J
1-Methylnaphthalene		0.972	4									J
2-Methylnaphthalene		1.41	4									J
Acetone		ND	10									
Bromobenzene		ND	1									
Bromoform		ND	1									
Bromochloromethane		ND	1									
Bromodichloromethane		0.46	1									
Bromoform		ND	1									
Bromomethane		ND	2									
2-Butanone		ND	10									
Carbon disulfide		ND	10									
Carbon Tetrachloride		ND	2									
Chlorobenzene		ND	1									
Chloroethane		ND	2									
Chloroform		ND	1									
Chloromethane		ND	1									
2-Chlorotoluene		ND	1									
4-Chlorotoluene		ND	1									
cis-1,2-DCE		ND	1									

Qualifiers:

ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

J

# QC SUMMARY REPORT

Method Blank

CLIENT: Respec  
Work Order: 0509324  
Project: Eunice General Petroleum

cis-1,3-Dichloropropene	ND	1			
1,2-Dibromo-3-chloropropane	ND	2			
Dibromochloromethane	ND	1			
Dibromomethane	ND	2			
1,2-Dichlorobenzene	ND	1			
1,3-Dichlorobenzene	ND	1			
1,4-Dichlorobenzene	ND	1			
Dichlorodifluoromethane	ND	1			
1,1-Dichloroethane	ND	1			
1,1-Dichloroethene	ND	1			
1,2-Dichloropropane	ND	1			
1,3-Dichloropropane	ND	1			
2,2-Dichloropropane	ND	1			
1,1-Dichloropropene	ND	1			
Hexachlorobutadiene	ND	1			
2-Hexanone	ND	10			
Isopropylbenzene	ND	1			
4-Isopropyltoluene	ND	1			
4-Methyl-2-pentanone	ND	10			
Methylene Chloride	ND	3			
n-Butylbenzene	ND	1			
n-Propylbenzene	ND	1			
sec-Butylbenzene	ND	1			
Styrene	ND	1			
tert-Butylbenzene	ND	1			
1,1,1,2-Tetrachloroethane	ND	1			
1,1,2,2-Tetrachloroethane	ND	1			
Tetrachloroethene (PCE)	ND	1			
trans-1,2-DCE	ND	1			
trans-1,3-Dichloropropene	ND	1			
1,2,3-Trichlorobenzene	ND	1			
1,2,4-Trichlorobenzene	ND	1			
1,1,1-Trichloroethane	ND	1			

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

# QC SUMMARY REPORT

Method Blank

CLIENT: Respec  
Work Order: 0509324  
Project: Unice General Petroleum

1,1,2-Trichloroethane	ND	1		
Trichloroethene (TCE)	ND	1		
Trichlorofluoromethane	ND	1		
1,2,3-Trichloropropane	ND	2		
Vinyl chloride	ND	1		
Xylenes, Total	ND	1		
Surr: 1,2-Dichloroethane-d4	11.39	0	10	0
Surr: 4-Bromofluorobenzene	9.174	0	10	0
Surr: Dibromofluoromethane	9.794	0	10	0
Surr: Toluene-d8	10.19	0	10	0

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

## Hall Environmental Analysis Laboratory

Date: 19-Oct-05

### QC SUMMARY REPORT

Sample Duplicate

Respec

CLIENT: Respec

Work Order: 0509324

Project: Eunice General Petroleum

Sample ID	0509324-01C DUP	Batch ID:	R16830	Test Code:	E300	Units: mg/L	Analysis Date	9/30/2005	Prep Date			
Client ID:	MW-1			Run ID:	LC_050930A		SeqNo:	406286				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluoride		2.018	0.1	0	0	0	0	0	1.753	14.1	20	
Nitrogen, Nitrate (As N)		2.295	0.1	0	0	0	0	0	2.668	15.1	20	
Phosphorus, Orthophosphate (As P)		ND	0.5	0	0	0	0	0	0	0	20	

Qualifiers:  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

/

# Hall Environmental Analysis Laboratory

Date: 19-Oct-05

## QC SUMMARY REPORT

Sample Matrix Spike

CLIENT: Respec  
Work Order: 0509324  
Project: Eunice General Petroleum

Sample ID	0509324-01C MS	Batch ID:	R16830	Test Code:	E300	Units: mg/L		Analysis Date	9/30/2005	Prep Date		
Client ID:	MW-1			Run ID:	LC_050930A			SeqNo:	406287			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluoride		2.24	0.1	0.5	1.753	97.5	80	120	0	0	0	
Nitrogen, Nitrate (As N)		5.306	0.1	2.5	2.668	106	80	120	0	0	0	
Phosphorus, Orthophosphate (As P)		5.702	0.5	5	0	114	80	120	0	0	0	
Sample ID	0509324-01C MSD	Batch ID:	R16830	Test Code:	E300	Units: mg/L		Analysis Date	9/30/2005	Prep Date		
Client ID:	MW-1			Run ID:	LC_050930A			SeqNo:	406288			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluoride		2.265	0.1	0.5	1.753	103	80	120	0	0	0	
Nitrogen, Nitrate (As N)		4.871	0.1	2.5	2.668	88.1	80	120	0	0	0	
Phosphorus, Orthophosphate (As P)		5.309	0.5	5	0	106	80	120	0	0	0	
Sample ID	0509324-01a ms	Batch ID:	R16856	Test Code:	SW8260B	Units: µg/L		Analysis Date	10/4/2005	Prep Date		
Client ID:	MW-1			Run ID:	THOR_051004A			SeqNo:	407530			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene		24.3	1	20	0	121	81.4	130	0	0	0	
Toluene		22.76	1	20	0	114	90.8	128	0	0	0	
Chlorobenzene		21.96	1	20	0	110	89.6	134	0	0	0	
1,1-Dichloroethene		23.54	1	20	0	118	75.1	120	0	0	0	
Trichloroethene (TCE)		21.18	1	20	0	106	75.8	110	0	0	0	
Surr: 1,2-Dichloroethane-d4		10.92	0	10	0	109	69.9	130	0	0	0	
Surr: 4-Bromofluorobenzene		10.28	0	10	0	103	71.2	123	0	0	0	
Surr: Dibromofluoromethane		9.944	0	10	0	99.4	73.9	134	0	0	0	
Surr: Toluene-d8		9.916	0	10	0	99.2	81.9	122	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
J - Analyte detected in the associated Method Blank

CLIENT: Respec  
 Work Order: 0509324  
 Project: Eunice General Petroleum

**QC SUMMARY REPORT**  
 Sample Matrix Spike Duplicate

Sample ID	0509324-01a msd	Batch ID: R16856	Test Code: SW8260B	Units: µg/L		Analysis Date: 10/4/2005		Prep Date				
Client ID:	MW-1		Run ID: THOR_051004A		SeqNo: 407531							
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%6RPD	RPDLimit	Qual
Benzene	21.92	1	20	0	110	81.4	130	24.3	10.3	15		
Toluene	22.26	1	20	0	111	90.8	128	22.76	2.20	15		
Chlorobenzene	20.82	1	20	0	104	89.6	134	21.96	5.33	15		
1,1-Dichloroethene	24.86	1	20	0	124	75.1	120	23.54	5.48	17.8	S	
Trichloroethene (TCE)	22.27	1	20	0	111	75.8	110	21.18	5.03	19.8	S	
Surr: 1,2-Dichloroethane-d4	10.37	0	10	0	104	69.9	130	10.92	5.15	0		
Surr: 4-Bromofluorobenzene	11.43	0	10	0	114	71.2	123	10.28	10.6	0		
Surr: Dibromofluoromethane	9.702	0	10	0	97.0	73.9	134	9.944	2.46	0		
Surr: Toluene-d8	9.938	0	10	0	99.4	81.9	122	9.916	0.222	0		

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Hall Environmental Analysis Laboratory

Date: 19-Oct-05

OC SUMMARY REPORT

## Laboratory Control Spike - generic

QC SUMMARY REPORT											
Laboratory Control Spike - generic											
CLIENT:	Respec	Sample ID	LCS-ST300-05022	Batch ID:	R16830	Test Code:	E300	Units:	mg/L	Analysis Date	
Client ID:	0509324	Run ID:	LC_050930A	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	
Analyte	Result										
Fluoride	0.5271	0.1	0.5	0	105	90	110	0	0		
Chloride	4.739	0.1	5	0	94.8	90	110	0	0		
Nitrogen, Nitrite (As N)	0.9317	0.1	1	0	93.2	90	110	0	0		
Nitrogen, Nitrate (As N)	2.434	0.1	2.5	0	97.3	90	110	0	0		
Phosphorus, Orthophosphate (As P)	5.094	0.5	5	0	102	90	110	0	0		
Sulfate	9.814	0.5	10	0	98.1	90	110	0	0		
Nitrate (As N)+Nitrite (As N)	3.365	0.1	3.5	0	96.1	90	110	0	0		
Client ID:	406282	Run ID:	LC_051005A	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	Prep Date
Analyte	Result	SeqNo:	Analysis Date	406282	406282	406282	406282	406282	406282	406282	
Fluoride	0.5385	0.1	105	0	108	90	110	0	0		
Chloride	4.919	0.1	98.4	0	98.4	90	110	0	0		
Nitrogen, Nitrite (As N)	0.9952	0.1	99.5	0	99.5	90	110	0	0		
Nitrogen, Nitrate (As N)	2.512	0.1	100	0	100	90	110	0	0		
Phosphorus, Orthophosphate (As P)	5.155	0.5	103	0	103	90	110	0	0		
Sulfate	10	0.5	100	0	100	90	110	0	0		
Nitrate (As N)+Nitrite (As N)	3.508	0.1	100	0	100	90	110	0	0		

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**CLIENT:** Respec  
**Work Order:** 0509324  
**Project:** Eunice General Petroleum

## QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID	Batch ID:	Test Code:	Units: mg/L	Analysis Date 10/11/2005				Prep Date		
Client ID:		Run ID:	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPD Limit	Qual
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD
Fluoride		0.5405	0.1	0.5	0	108	90	110	0	0
Chloride		4.892	0.1	5	0	97.8	90	110	0	0
Nitrogen, Nitrite (As N)		0.9457	0.1	1	0	94.6	90	110	0	0
Nitrogen, Nitrate (As N)		2.495	0.1	2.5	0	99.8	90	110	0	0
Phosphorus, Orthophosphate (As P)		5.156	0.5	5	0	103	90	110	0	0
Sulfate		10.07	0.5	10	0	101	90	110	0	0
Nitrate (As N)+Nitrite (As N)		3.441	0.1	3.5	0	98.3	90	110	0	0

Sample ID	Batch ID:	Test Code:	Units: mg/L	Analysis Date 10/4/2005 10:14:40 AM				Prep Date		
Client ID:		Run ID:	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPD Limit	Qual
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD
Diesel Range Organics (DRO)		6.146	1	5	0	123	81.2	149	0	0
Sample ID	LCSD-8871	Batch ID:	8871	Test Code:	SW8015	Units: mg/L	Analysis Date 10/4/2005 10:48:16 AM			
Client ID:				Run ID:	FID(17A) 2_051004A		SeqNo:	406830		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD
Diesel Range Organics (DRO)		7.011	1	5	0	140	81.2	149	0	0
Sample ID	GRO Ics 2.5ug	Batch ID:	R16833	Test Code:	SW8015	Units: mg/L	Analysis Date 9/30/2005 7:36:40 PM			
Client ID:				Run ID:	PIPDFID_050930A		SeqNo:	406441		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD
Gasoline Range Organics (GRO)		0.5158	0.05	0.5	0	103	82.6	114	0	0

Qualifiers:

ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT:  
Work Order:  
Project:

Respec  
0509324  
Eunice General Petroleum

**QC SUMMARY REPORT**  
**Laboratory Control Spike Duplicate**

Sample ID	GRO Ics-d 2.5ug	Batch ID: R16833	Test Code: SW8015	Units: mg/L	Analysis Date 9/30/2005 8:07:27 PM			Prep Date				
Client ID:		Run ID: P1DFID_050930A			SeqNo:	406442						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	0.5196	0.05	0.5	0	104	82.6	114	0.5158	0.734	8.39		
Sample ID	100ng ccv	Batch ID: R16836	Test Code: SW8260B	Units: µg/L	Analysis Date 10/4/2005			Prep Date				
Client ID:		Run ID: THOR_051004A			SeqNo:	407529						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	23.23	1	20	0	116	81.4	130	0				
Toluene	17.52	1	20	0	87.6	90.8	128	0			S	
Chlorobenzene	19.75	1	20	0	98.7	89.6	134	0				
1,1-Dichloroethene	23.92	1	20	0	120	75.1	120	0				
Trichloroethene (TCE)	19.38	1	20	0	96.9	75.8	110	0				
Sample ID	LCS-8864	Batch ID: 8864	Test Code: SW8270C	Units: µg/L	Analysis Date 10/12/2005			Prep Date				
Client ID:		Run ID: ELMO_051012A			SeqNo:	410870						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	75.04	10	100	0	75.0	11	123	0				
4-Chloro-3-methylphenol	151.7	20	200	0	75.8	15.4	119	0				
2-Chlorophenol	150	10	200	0	75.0	12.2	122	0				
1,4-Dichlorobenzene	68.78	10	100	0	68.8	16.9	100	0				
2,4-Dinitrotoluene	77.38	10	100	0	77.4	13	138	0				
N-Nitrosodi-n-propylamine	71.46	10	100	0	71.5	9.93	122	0				
4-Nitrophenol	96.16	50	200	0	48.1	-20.5	87.4	0				
Pentachlorophenol	144.2	50	200	0	72.1	-0.355	114	0				
Phenol	81.16	10	200	0	40.6	7.53	73.1	0				
Pyrene	73.62	15	100	0	73.6	12.6	140	0				
1,2,4-Trichlorobenzene	68.44	10	100	0	68.4	17.4	98.7	0				

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**CLIENT:** Respec  
**Work Order:** 0509324  
**Project:** Eunice General Petroleum

**QC SUMMARY REPORT**  
Laboratory Control Spike Duplicate

Sample ID	LCSD-8864	Batch ID: 8864	Test Code: SW8270C	Units: µg/L	Analysis Date 10/12/2005				Prep Date 10/3/2005			
Client ID:		Run ID:	ELMO_051012A	SeqNo:	410871	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Analyte		Result	PQL	SPK value	SPK Ref Val							
Acenaphthene	65.84	10	100	0	65.8	11	123	75.04	13.1	30.5	J	
4-Chloro-3-methylphenol	137.4	20	200	0	68.7	15.4	119	151.7	9.87	28.6		
2-Chlorophenol	112.8	10	200	0	56.4	12.2	122	150	28.3	107		
1,4-Dichlorobenzene	51.84	10	100	0	51.8	16.9	100	68.78	28.1	62.1		
2,4-Dinitrotoluene	73.66	10	100	0	73.7	13	138	77.38	4.93	14.7		
N-Nitrosodi-n-propylamine	60.32	10	100	0	60.3	9.93	122	71.46	16.9	30.3		
4-Nitrophenol	26.08	50	200	0	13.0	12.5	87.4	96.16	0	36.3	J	
Pentachlorophenol	46.76	50	200	0	23.4	3.55	114	144.2	0	49		
Phenol	64.62	10	200	0	32.3	7.53	73.1	81.16	22.7	52.4		
Pyrene	73.1	15	100	0	73.1	12.6	140	73.62	0.709	16.3		
1,2,4-Trichlorobenzene	54.58	10	100	0	54.6	17.4	98.7	68.44	22.5	36.4		
Sample ID	LCSD-8897	Batch ID: 8897	Test Code: SW7470	Units: mg/L	Analysis Date 10/6/2005				Prep Date 10/6/2005			
Client ID:		Run ID:	MI-LA254_051006A	SeqNo:	408248	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Analyte		Result	PQL	SPK value	SPK Ref Val							
Mercury		0.005624	0.0002	0.005	0	112	75.2	134	0			
Sample ID	LCSD-8897	Batch ID: 8897	Test Code: SW7470	Units: mg/L	Analysis Date 10/6/2005				Prep Date 10/6/2005			
Client ID:		Run ID:	MI-LA254_051006A	SeqNo:	408249	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Analyte		Result	PQL	SPK value	SPK Ref Val							
Mercury		0.005469	0.0002	0.005	0	109	75.2	134	0.005624	2.81	0	

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

# Hall Environmental Analysis Laboratory

## Sample Receipt Checklist

Cust Name RESPEC

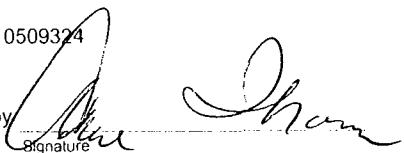
Date and Time Received:

9/30/2005

Work Order Number 0509324

Received by AT

Checklist completed by



Date

9/30/05

Matrix

Carrier name Client drop-off

- |   |   |  |                                      |   |
|---|---|--|--------------------------------------|---|
| Shipping container/cooler in good condition?            | Yes <input checked="" type="checkbox"/>         | No <input type="checkbox"/>                              | Not Present <input type="checkbox"/> |   |
| Custody seals intact on shipping container/cooler?      | Yes <input type="checkbox"/>                    | No <input type="checkbox"/>                              | Not Present <input type="checkbox"/> | Not Shipped <input checked="" type="checkbox"/> |
| Custody seals intact on sample bottles?                 | Yes <input type="checkbox"/>                    | No <input checked="" type="checkbox"/>                   | N/A <input type="checkbox"/>         |   |
| Chain of custody present?                               | Yes <input checked="" type="checkbox"/>         | No <input type="checkbox"/>                              |                                      |   |
| Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/>         | No <input type="checkbox"/>                              |                                      |   |
| Chain of custody agrees with sample labels?             | Yes <input checked="" type="checkbox"/>         | No <input type="checkbox"/>                              |                                      |   |
| Samples in proper container/bottle?                     | Yes <input checked="" type="checkbox"/>         | No <input type="checkbox"/>                              |                                      |   |
| Sample containers intact?                               | Yes <input checked="" type="checkbox"/>         | No <input type="checkbox"/>                              |                                      |   |
| Sufficient sample volume for indicated test?            | Yes <input checked="" type="checkbox"/>         | No <input type="checkbox"/>                              |                                      |   |
| All samples received within holding time?               | Yes <input checked="" type="checkbox"/>         | No <input type="checkbox"/>                              |                                      |   |
| Water - VOA vials have zero headspace?                  | No VOA vials submitted <input type="checkbox"/> | Yes <input checked="" type="checkbox"/>                  | No <input type="checkbox"/>          |   |
| Water - pH acceptable upon receipt?                     | Yes <input checked="" type="checkbox"/>         | No <input type="checkbox"/>                              | N/A <input type="checkbox"/>         |   |
| Container/Temp Blank temperature?                       | 4°  | 4° C ± 2 Acceptable<br>If given sufficient time to cool. |                                      |   |

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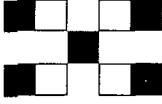
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## **CHAIN-OF-CUSTODY RECORD**

Client: **RESPEC** Project Name:

Project Name: Euince General  
Petrodium

QA / QC Packaged  
Level 4

Std 4 Level 4

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8

Albuquerque, New Mexico 87109  
Tel. 505.345.3975 Fax 505.345.4107  
[www.hallenvironmental.com](http://www.hallenvironmental.com)

#### Air Bubbles or Headspace (Y or N)

## **ANALYSIS REQUEST**

Project Manager: DAVE HENKE						Air Bubbles or Headspace (Y or N)	
Phone #: 505-268-2661						Sampler: Dave HAG	
Fax #: 505-268-0040						Sample Temperature: 60 °F	
Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative	HEAL No.	
9/29/05	10:00	water	MW-1	5/40mL 1/17mL	K HgCl <sub>2</sub> , HNO <sub>3</sub>	0509324-1	
9/29/05	10:30	water	MW-2	"	K	-2	
9/29/05	11:00	water	MW-3	"	K	-3	
						Top Blank	-4
						BTEX + MTBE + TMB's (8021)	
						BTEX + MTBE + TMB's (Gasoline Only)	
						TPH (Method 418.1)	
						EDB (Method 504.1)	
						EDC (Method 8021)	
						8310 (PNA or PAH)	
						RCRA 8 Metals	
						Amions (F, Cl, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )	
						8081 Pesticides / PCB's (8082)	
						8260B (VOA)	
						8270 (Semi-VOA)	
						UDCC metals	

Remarks: 9/30/08

Received By: (Signature)

Date: 8/30/05 Time: 10:10 Relinquished By: Jean Signature

Date: 8/30/05 Time: 10:10 Relinquished By: Jean Signature