9185 South Farmer Avenue, Suite 107
Tempe, Arizona 85284
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480 894.2056
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September 26, 2007

Mr. Max Boone
ConocoPhillips Company
1230 W. Washington St., Suite 212
Tempe, Arizona 85281

RE: Due Diligence Site Assessment Report
ConocoPhillips Site No. 2611128
4707 First Street
Livermore, California
ATC Project No. 34.75118.3166

Dear Mr. Boone:

ATC Associates Inc. (ATC) on behalf of ConocoPhillips Company (ConocoPhillips) presents the results of a Due Diligence Site Assessment conducted at the above-referenced site. The purpose of the investigation was to generate a baseline assessment of property conditions at the time of property transfer. The data reported herein were collected on behalf of ConocoPhillips, in general accordance with the Site-Specific Scope of Work (SOW) prepared by Shaw Environmental & Infrastructure, Inc. (Shaw) dated July 23, 2007. The data reported herein were not requested or required by a regulatory agency.

Activities included in the SOW performed are outlined below:

- Preparation of a site specific Health and Safety Plan (HASP);
- Securing permits, if applicable, from the local permitting agency to advance the borings;
- Marking soil boring locations, notification to California's Underground Service Alert and contracting a private utility locating service to locate any identifiable underground utilities in the vicinity of the proposed boring locations;
- Air-knifing borings to five feet below ground surface (bgs) to a diameter at least one inch greater than that of the drilling device;
- Advancement of six exploratory soil borings to total depths ranging from nine to 35 feet bgs utilizing geoprobe drilling equipment;
- Collection of soil samples at approximate five-foot intervals for purposes of logging subsurface conditions, field detection of organic vapors using a photoionization detector (PID), and potential laboratory analysis;
- Collection of groundwater samples for laboratory analysis from borings B-1, B-2, B-3, B-4 and B-6;
- Waste profiling and disposal coordination (still underway); and
- Preparation of a report summarizing due diligence assessment activities.

SITE DESCRIPTION

The site is an active service station located at 4707 First Street in Livermore, California. The site's current underground storage tank (UST) system configuration includes three fuel USTs and two dispenser islands. Limited background information is included in the SOW prepared by Shaw (Appendix A, attached).

BASELINE SITE ASSESSMENT

Field Activities

On August 21, 22, 23 and 27, 2007, ATC personnel observed the advancement of six soil borings (B-1, B-2, B-3, B-4, B-5 and B-6) in the vicinity of the existing fuel USTs and dispensers using geoprobe drilling equipment. Approximate boring locations are shown on attached Figure 1, Site Plan. Borings were advanced to depths of 25 feet bgs (B-3, B-4 and B-6) and 35 feet bgs (B-1 and B-2) while boring B-5 was terminated at approximately nine feet bgs due to geoprobe refusal. Soil samples were collected at approximate five-foot intervals (when subsurface conditions allowed) for lithological description, field screening using a PID, and for possible laboratory analysis. No soil samples were collected from boring B-5. Groundwater was encountered at depths ranging from approximately 20 feet bgs to 32 feet bgs in borings B-1, B-2, B-3, B-4 and B-6 during drilling activities. Groundwater samples were collected from borings B-1, B-2, B-3, B-4 and B-6 after each boring was advanced between three to five feet into groundwater. A duplicate groundwater sample, designated "Duplicate B-4", was collected from boring B-4.

Upon collecting a soil sample at each depth interval, the soil was visually examined and classified in accordance with the Unified Soil Classification System (USCS). Field PID readings were also used to monitor the soils for volatile organic compound (VOC) vapors. A description of the lithology encountered and PID readings obtained are presented on the boring logs included as Appendix B, attached.

Upon completion of drilling, the borings were backfilled to approximately one foot bgs with bentonite grout. Once the level of the sealing mixture had reached a level of one foot bgs, concrete was emplaced in the borehole, finished flush with the existing surface grade and dyed if necessary to match surrounding conditions.

Laboratory Analytical Procedures

Soil and groundwater samples collected during field activities were shipped under chain-of-custody (COC) protocol to Lancaster Laboratories, Inc. (Lancaster) in Lancaster, Pennsylvania. Lancaster is certified through the State of California Department of Health Services Environmental Laboratory Accreditation Program. Groundwater samples and select soil samples collected from borings B-1, B-2, B-3, B-4 and B-6 were analyzed for fuel oxygenates and halogenated volatile organic compounds (HVOC; including benzene, toluene, ethylbenzene and total xylenes [BTEX]) using Environmental Protection Agency (EPA) Method 8260B and for total petroleum hydrocarbons (TPH) as gasoline and diesel range organic petroleum hydrocarbons

(TPH-GRO and TPH-DRO, respectively) using EPA Method 8015B Modified. Additionally, the selected soil samples were analyzed for lead using EPA Method 6010B. Laboratory analytical data for soil and groundwater samples analyzed as part of this assessment are summarized in attached Table 1, Summary of Soil Analytical Data and Table 2, Summary of Groundwater Analytical Data, respectively. Laboratory analytical reports and COC documents are provided as Appendix C, attached.

Waste Disposal

Investigation derived waste (IDW) generated during the field operations has been temporarily stored onsite pending characterization and disposal. A copy of the waste manifest(s) will be provided under separate cover once the IDW has been profiled and transported to an appropriate disposal facility.

FINDINGS

The lithology underlying the site generally consists of: clay with silt, sand and gravel; silt with clay and sand; and, sand with clay, silt and gravel from the ground surface to approximately 35 feet bgs, the maximum extent of exploration. PID readings were zero parts per million (ppm) for all screened samples. Refer to the edited boring logs in Appendix B for a summary of field observations noted during drilling activities.

As shown in Table 1, laboratory analytical results for the soil samples selected for analysis indicate the following:

- Lead was detected at concentrations of 6.20 milligrams per kilogram (mg/kg), 5.43 mg/kg, 4.99 mg/kg, 5.15 mg/kg and 2.68 mg/kg in soil samples collected at approximately 30 feet bgs from boring B-1 (B-1d30.0); 31 feet bgs from boring B-2 (B-2d31.0); 20 feet bgs from boring B-3 (B-3d20.0); 21 feet bgs from boring B-4 (B-4d21.0); and, 19 feet bgs from boring B-6 (B-6d19.0), respectively.
- Toluene was detected at concentrations of 0.007 mg/kg and 0.009 mg/kg in soil samples collected at approximately 31 feet bgs from boring B-2 (B-2d31.0) and 20 feet bgs from boring B-3 (B-3d20.0), respectively.
- Total xylenes were detected at a concentration of 0.006 mg/kg in the soil sample collected at approximately 20 feet bgs from boring B-3 (B-3d20.0).
- Methylene chloride was detected at a concentration of 0.005 mg/kg in the soil sample collected at approximately 20 feet bgs from boring B-3 (B-3d20.0).
- TPH-DRO was detected at a concentration of 80 mg/kg in the soil sample collected at approximately 21 feet bgs from boring B-4 (B-4d21.0).
- No other analytes were detected in excess of their respective laboratory method Limit of Quantitation (LOQ) in any of the soil samples submitted for analysis.

As shown in Table 2, laboratory analytical results for the groundwater samples collected from borings B-1, B-2, B-3, B-4 and B-6 indicate the following:

- TPH-DRO was detected at concentrations of 1,100 micrograms per liter (µg/L), 4,600 µg/L, 6,300 µg/L and 7,300 µg/L in the groundwater samples collected from borings B-1, B-2, B-3 and B-6, respectively.
- No other analytes were detected in excess of their respective laboratory method LOQ in the groundwater sample submitted for analysis.

LIMITATIONS

This report was prepared in general accordance with the Shaw SOW dated July 23, 2007 and with generally accepted professional environmental consulting practices existing at the time this report was prepared and applicable to the location of the site. It was prepared for the exclusive use of ConocoPhillips for the express purpose of generating a baseline assessment of property conditions. Any re-use of this report for a different purpose shall be at the user's sole risk without liability to ATC. To the extent that this report is based on information provided to ATC by third parties, ATC may have made efforts to verify this third party information, however ATC cannot guarantee the completeness or accuracy of this information. The data collected during this investigation and summarized in this report represent site conditions at the time field activities were conducted. No other warranties, expressed or implied are made by ATC.

Prepared by:

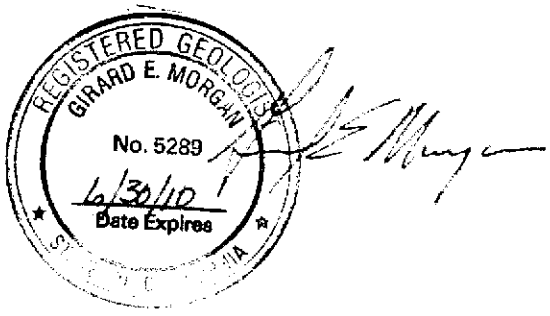
Name: Mark D. Miller
Title: Senior Project Manager

Reviewed by:

Name: Girard E. Morgan, P.G.
Title: Principal Geologist

The data presented by ATC in this document have been prepared under the supervision of and reviewed by the Licensed Professional whose signature appears below:

Licensed Approver:



Girard E. Morgan, California Professional Geologist No. 5289
Principal Geologist

Attachments:
Table 1 – Summary of Soil Analytical Data
Table 2 – Summary of Groundwater Analytical Data
Figure 1 – Site Plan
Appendix A – Scope of Work
Appendix B – Boring Logs
Appendix C – Laboratory Analytical Reports and Chain-of-Custody Documentation

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA
ConocoPhillips Site No. 2611128
4707 First Street, Livermore, California

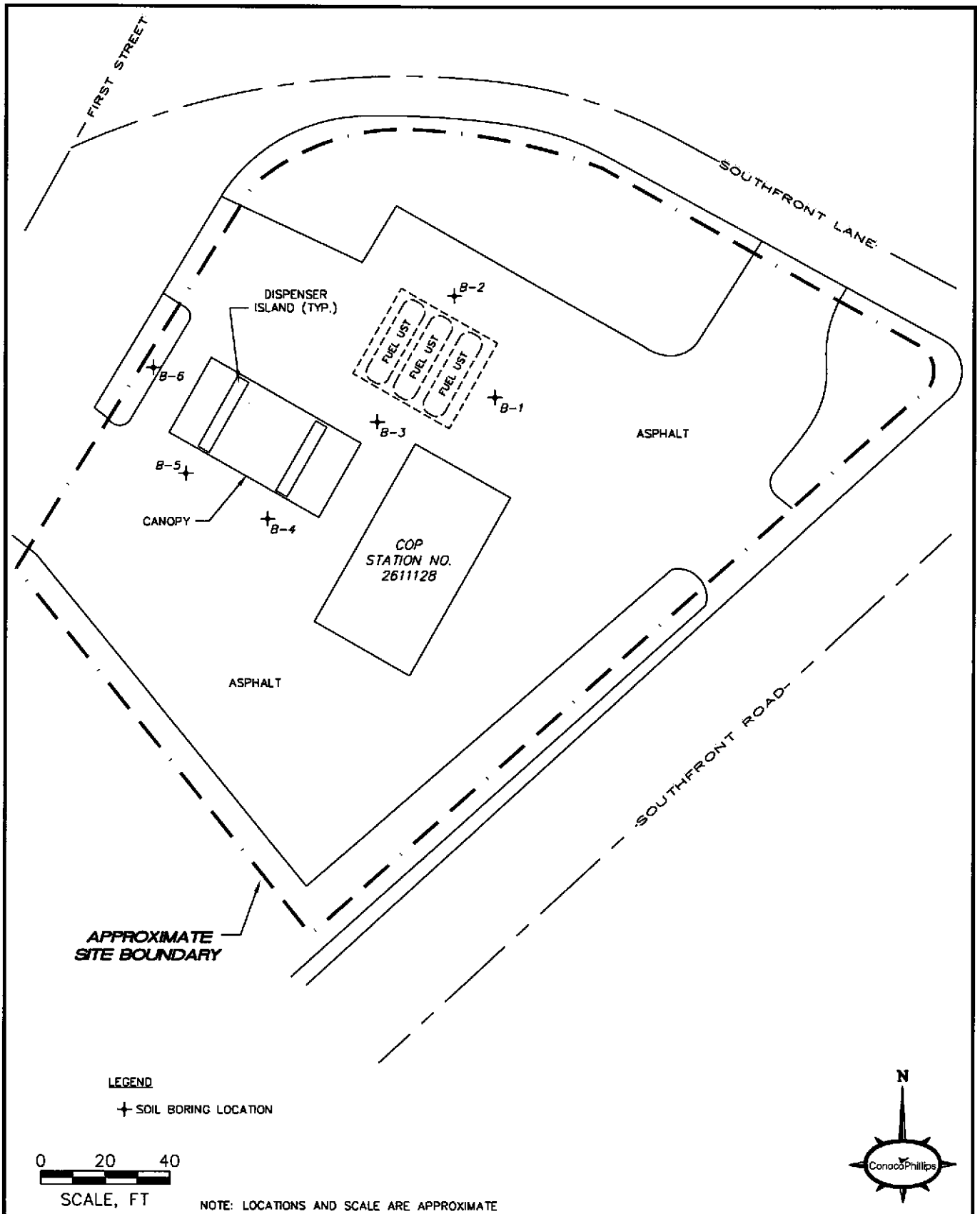
Sample ID	Sample Depth (feet bgs)	Sample Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Other HVOC * (mg/kg)	Oxygenates * (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	Lead (mg/kg)
			EPA 8260B						EPA 8015B Modified		EPA 6010B
B-1d30.0	30	08/21/07	<0.005	<0.005	<0.005	<0.005	All analytes ND.	All analytes ND.	<1.0	<12	6.20
B-2d31.0	31	08/23/07	<0.005	0.007	<0.005	<0.005	All remaining analytes ND.	All analytes ND.	<1.0	<12	5.43
B-3d20.0	20	08/27/07	<0.005	0.009	<0.005	0.006	methylene chloride (0.005)	All analytes ND.	<1.0	<12	4.99
B-4d21.0	21	08/22/07	<0.005	<0.005	<0.005	<0.005	All analytes ND.	All analytes ND.	<1.0	80	5.15
B-6d19.0	19	08/22/07	<0.005	<0.005	<0.005	<0.005	All analytes ND.	All analytes ND.	<1.0	<12	2.68

Notes:
bgs - Below ground surface.
mg/kg - Milligrams per kilogram (equivalent to parts per million).
HVOC - Halogenated volatile organic compounds.
* - Only compounds detected at a concentration exceeding their respective laboratory method Limit of Quantitation (LOQ) are noted.
TPH - Total petroleum hydrocarbons.
TPH-GRO - Gasoline range organic hydrocarbons.
TPH-DRO - Diesel range organic hydrocarbons.
EPA - Environmental Protection Agency
<0.005 - Analyte not detected above specific laboratory method LOQ.
ND - Analyte not detected above specific laboratory method LOQ.

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL DATA
ConocoPhillips Site No. 2611128
4707 First Street, Livermore, California

Sample ID	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Other HVOC * (µg/L)	Oxygenates * (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
		EPA 8260B						EPA 8015B Modified	
B-1	08/21/07	<5	<5	<5	<5	All analytes ND.	All analytes ND.	<50	1,100
B-2	08/23/07	<5	<5	<5	<5	All analytes ND.	All analytes ND.	<50	4,600
B-3	08/27/07	<5	<5	<5	<5	All analytes ND.	All analytes ND.	<50	6,300
B-4	08/22/07	<5	<5	<5	<5	All analytes ND.	All analytes ND.	<50	<1,000
Duplicate B-4	08/22/07	<5	<5	<5	<5	All analytes ND.	All analytes ND.	<50	<1,000
B-6	08/22/07	<5	<5	<5	<5	All analytes ND.	All analytes ND.	<50	7,300

Notes:
µg/L - Micrograms per liter (equivalent to parts per billion).
HVOC - Halogenated volatile organic compounds.
* - Only compounds detected at a concentration exceeding their respective laboratory method Limit of Quantitation (LOQ) are noted.
TPH - Total petroleum hydrocarbons.
TPH-GRO - Gasoline range organic hydrocarbons.
TPH-DRO - Diesel range organic hydrocarbons.
EPA - Environmental Protection Agency
<5 - Analyte not detected above specific laboratory method LOQ.
ND - Analyte not detected above specific laboratory method LOQ.



SITE PLAN

CONOCOPHILLIPS SITE NO. 2611128
4707 FIRST STREET
LIVERMORE, CALIFORNIA

PROJECT NUMBER: 34.75118.3166		DATE: 9/7/07	FIGURE
APPROVED BY: MM		DRAWN BY: BK	1

VATC ASSOCIATES INC
9185 S. Farmer Ave., Ste. #107
Tempe, Arizona 85284-2912
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DIVESTITURE BASELINE PHASE II ASSESSMENT
CONVERGED CONTRACTOR - SCOPE OF WORK

Site: 2611128

Address: 4707 1st Street at Southfront Lane
Livermore, CA

SITE SUMMARY

Former Owner: BP

Site is equipped with three fuel USTs and two product dispenser islands under a common canopy. Limited site investigation was performed in 1995; joint groundwater monitoring with a neighboring Chevron station was performed as recently as 2005. The status of the groundwater monitoring wells is unknown; no report of well destruction is available. Current depth to water and groundwater flow direction are not available.

Prior to completing the scope of work, a site visit ("drive-by") is necessary to determine the status of the reported groundwater monitoring wells. Contractor should measure depth to water and total depth of monitoring wells, if present. If monitoring wells are present and in working condition, groundwater samples should be collected in lieu of drilling.

Scope of Work to be performed at the site includes (see attached Figure):

- 3 borings (B-1, B-2, B-3) near the fuel USTs to maximum total depth of about 35 feet
- 3 borings (B-4, B-5, B-6) near product islands to maximum total depth of about 25 feet

If groundwater is encountered in any of the borings, the boring shall be extended a minimum of five feet into the saturated zone and a groundwater grab sample collected. The boring shall then be terminated at that depth.

PRE-DRILLING ACTIVITIES

- After receiving this Scope of Work, develop requisition for submittal into ENFOS following procedure provided by COP.
- Identify, obtain, and prepare all necessary and relevant permits, work scope summaries, appropriate work plans, etc., in accordance with county and other specific local requirements. Zone 7 Water Agency has established permit requirements for this site. For verification of compliance with state and local regulations, RM&R Area Manager (AM) will need confirmation of, or copies of required permits and/or boring completion reports.
- Prepare and review site specific safety plan (Program HASP and JSA) with Phase II field team.
- Proposed changes to scope will be communicated to Shaw Consultant who will immediately notify the AM if such scope changes materially impact potential safety concern. For example, all bore hole locations will be cleared per RM&R process and that any and all departures form this protocol will have to be reviewed and approved by the AM.

- Schedule laboratory and obtain proper sample containers. Laboratory used must be COP converged laboratory.
- Shaw Consultant will be coordinating scheduling with Contractor and stakeholders per the "stakeholder engagement process". Prior to mobilization, Contractor must confirm date and time of site field activities with Shaw Consultant.
- Provide notification to all individuals involved, laboratory, regulatory and/or permitting agencies.

FIELD ACTIVITIES

- All field work shall be conducted according to RM&R processes and Health and Safety protocols.
- Mark the proposed boring locations and locate underground utilities where necessary using "dig alert".
- Conduct all fieldwork in accordance with the site-specific health and safety plan prepared for this project.
- Prior to drilling, clear the boring locations for underground utilities by using an air knife/vacuum to a depth of five feet below ground surface (bgs) and one inch greater than the diameter of the mechanized equipment that will be used downhole.
- Install soil borings and collect soil samples as proposed on attached Table and Figure. **Choice of drilling method will give a priority to the minimization of waste. In addition, drilling methods should be appropriate for the site's geology so that "refusal", requiring re-mobilization, does not occur.** Collect soil samples every five feet and screen with an Organic Vapor Meter (OVM). Submit the sample with the highest OVM reading and the sample from the terminal depth of each boring for lab analyses (see Sampling Analysis Table). If all samples from a boring show OVM readings of less than 25 ppmv, collect a soil sample just above saturated zone (capillary fringe), or at the maximum depth of the boring if groundwater is not encountered, for laboratory analyses.
- If suspected release is encountered, Contractor shall notify Site Manager (SM) immediately before any required notification to state and local regulators and to discuss any possible changes to the scope of work. Eric Hetrick, SM, 916-558-7604 (office) 916-307-3450 (cell).
- If groundwater is encountered prior to the total depth in the borings, the boring will be extended a minimum of five feet into the saturated zone and a groundwater grab sample will be collected and submitted for laboratory analyses as described on Page 2 and 3 of the General Scope of Work document.
- If respective State allows, dispose of investigative derived waste (IDW) on site (e.g. ground-spreading decon water). Otherwise store IDW, temporarily on-site in properly sealed and labeled, DOT-approved drums pending analytical results. Contractor shall coordinate with store manager for an appropriate location to store the drums.
- Arrange for profiling of drum contents and removal from the Site for disposal in accordance with applicable regulations and within 45 days of drilling per RM&R waste authorization process.
- Inspect site to ensure proper closure, security, etc., of wells, borings, and other site disruption issues and obtain concurrence from site personnel. The Contractor is responsible for ensuring the site is left in a clean and neat condition.

- These investigations will be conducted at sites which are active commercial operations. The Contractor is responsible for ensuring that the investigation is conducted in a manner such that it causes as little disruption as possible to the business being conducted on the site.

- Contractor will enter near misses and incidents into Impact.

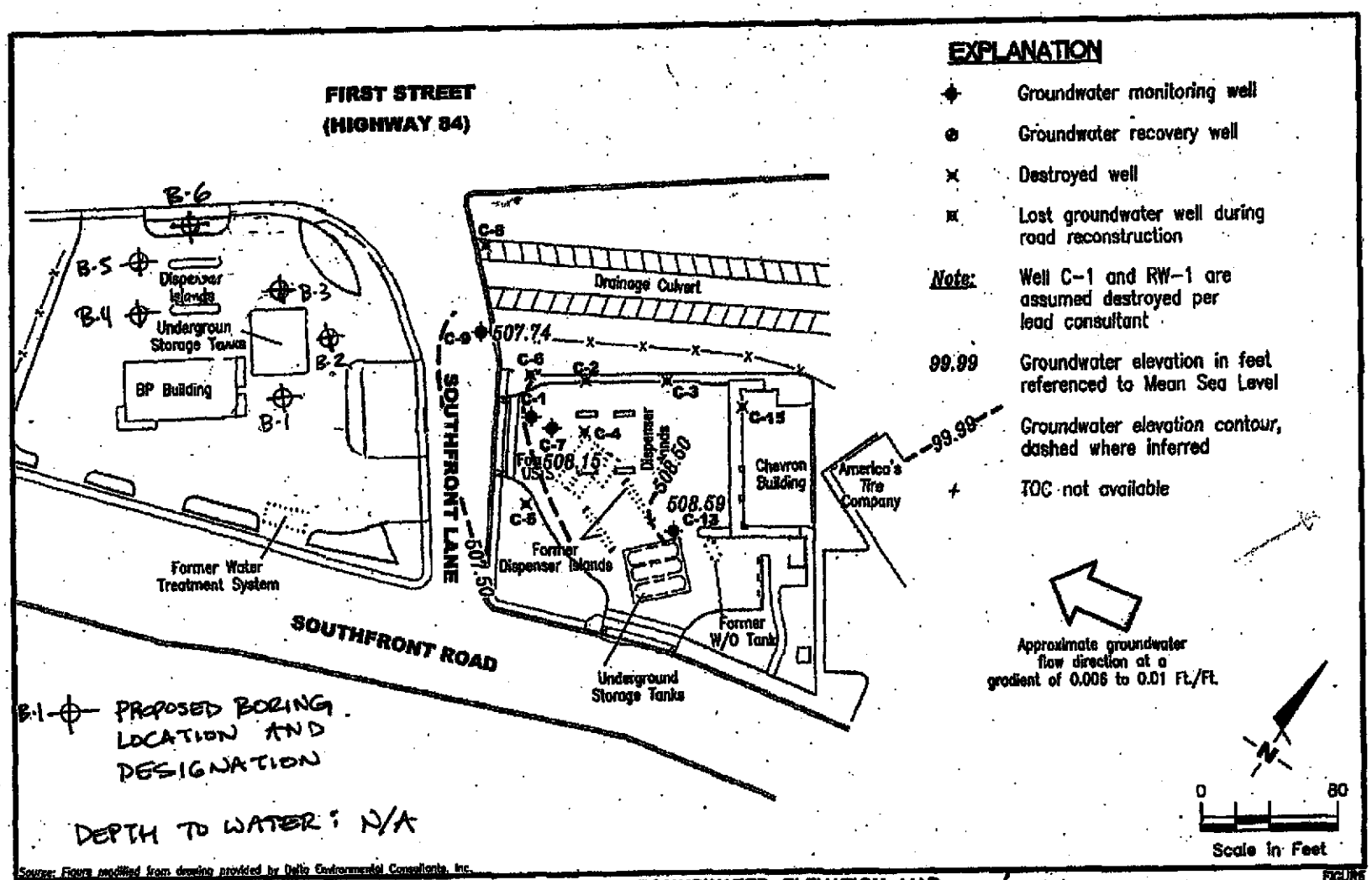
POST-DRILLING ACTIVITIES

- Complete due diligence report in format as provided by ConocoPhillips (COP). Complete any required agency reports. Contractor shall deliver report and agency reports in electronic format to Shaw Consultant for review and upload to COP database.
- Upon receiving sample results higher than detection levels, provide immediate notification to SM prior to submitting due diligence report to discuss possible notification to state and local regulators. Eric Hetrick, SM, 916-558-7604 (office) 916-307-3450 (cell).

ConocoPhillips Marketing Divestiture 2007 Phase II Due Diligence

Sampling Analysis Table

Sample Location	Laboratory Analytical Parameters & Methods for Soil and Groundwater									
	BTEX	TPH-g	Oxygenates	Ethanol	HVOC's	TPH-t	TPH-d	TPH-o	SVOCs	CAM Metals
	(8260B)					(8015M)			(8270)	(6010B)
Underground Fuel Storage Tank Complex (B-1, B-2, B-3) & Dispenser Islands (B-4, B-5, B-6)	X	X	X	X	X		X			



Source: Figure modified from drawing provided by Delta Environmental Consultants, Inc.

GETTLER-RYAN INC.
6747 Sierra Court, Suite J
Dublin, CA 94568
(925) 551-7555

GROUNDWATER ELEVATION MAP
Chevron Service Station #9-1924
4904 Southfront Road
Livermore, California

STATION 2611128
4707 1ST STREET
LIVERMORE, CA

FIGURE 1

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
386448		December 5, 2005	

FILE NAME: P:\Enviro\Chevron\9-1924\GDS-9-1924.dwg | Layout Tab: Fig1

MAJOR DIVISIONS			GROUP SYMBOLS		TYPICAL NAMES
COARSE GRAINED SOILS (More than 50% of material is LARGER than No. 200 sieve size)	GRAVELS (More than 50% of coarse fraction is LARGER than the No. 4 sieve size)	CLEAN GRAVELS (Little or no fines)		GW	Well graded gravels, gravel - sand mixtures, little or no fines.
				GP	Poorly graded gravels or grave - sand mixtures, little or no fines.
		GRAVELS WITH FINES (Appreciable amount of fines)		GM	Silty gravels, gravel - sand - silt mixtures.
				GC	Clayey gravels, gravel - sand - clay mixtures.
	SANDS (More than 50% of coarse fraction is SMALLER than the No. 4 Sieve Size)	CLEAN SANDS (Little or no fines)		SW	Well graded sands, gravelly sands, little or no fines.
				SP	Poorly graded sands or gravelly sands, little or no fines.
		SANDS WITH FINES (Appreciable amount of fines)		SM	Silty sands, sand - silt mixtures
				SC	Clayey sands, sand - clay mixtures.
FINE GRAINED SOILS (More than 50% of material is SMALLER than No. 200 sieve size)	SILTS AND CLAYS (Liquid limit LESS than 50)			ML	Inorganic silts and very fine sands, rock flour, silty of clayey fine sands or clayey silts and with slight plasticity.
				CL	Inorganic lays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays.
				OL	Organic silts and organic silty clays of low plasticity.
	SILTS AND CLAYS (Liquid limit GREATER than 50)			MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts.
				CH	Inorganic clays of high plasticity, fat clays
				OH	Organic clays of medium to high plasticity, organic silts.
HIGHLY ORGANIC SOILS				PT	Peat and other highly organic soils.

BOUNDARY CLASSIFICATIONS: Soils possessing characteristics of two groups are designated by combinations of group symbols.

SILT OR CLAY	SAND			GRAVEL		Cobbles	Boulders
	Fine	Medium	Coarse	Fine	Coarse		

No.200 No.40 No.10 No.4 3/4" 3" 12"

U.S. STANDARD SIEVE SIZE

Reference: The Unified Soil Classification System, Corps of Engineers, U.S. Army Technical Memorandum No. 3-357, Vol. 1, March, 1953 (Revised April, 1960)

	Undisturbed Sample		Auger Cuttings
	Split Spoon Sample		Bulk Sample
	Rock Core		Modified California Ring
	Dilatometer		Pressure Meter
	Packer		No Recovery
	Water Table at time of drilling		Water Table after 24 hours

Correlation of Penetration Resistance with Relative Density and Consistency

SAND & GRAVEL		SILT & CLAY	
No. of Blows	Relative Density	No. of Blows	Consistency
0 - 4	Very Loose	0 - 1	Very Soft
5 - 10	Loose	2 - 4	Soft
11 - 30	Medium Dense	5 - 8	Medium Stiff
31 - 50	Dense	9 - 15	Stiff
Over 50	Very Dense	16 - 30	Very Stiff
		Over 31	Hard

KEY TO SYMBOLS AND DESCRIPTIONS

VATC ASSOCIATES INC.
*9185 South Farmer Avenue, Suite 107
Tempe, Arizona 85284
(480)894-2056
(480)894-2497 fax*

LOG OF BORING B-1

SHEET 1 OF 1

Client ConocoPhillips Company
Project Name ConocoPhillips Site No. 2611128
Number 34.75118.3166
Location 4707 First Street, Livermore, CA

Drill Contractor Cascade Drilling Inc.
Drill Method Geoprobe
Drilling Started 8/21/07 Ended 8/21/07
Logged By Jonathan Flomerfelt

Elevation (ft amsl) –
Total Depth 35.0
Depth To Water ▽ ATD 31.0

DEPTH (feet)	SAMPLE NO.	BLOWS/6"	PID (ppm)	USCS	LITHOLOGY	DESCRIPTION	DEPTH FEET
						ASPHALT.	
				CL		SANDY CLAY. 80% clay, 20% sand. Fine grained sand. High plasticity. Brown. Moist.	
5	CT B-1-5		0.0			SILTY CLAY. Hard. Dry.	5
10	CT B-1-10		0.0	CL ML			10
15	CT B-1-15		0.0			15% sand and gravel. Coarse grained.	15
				CH		CLAY. High plasticity. Slightly damp.	
20	CT B-1-20		0.0				20
25	CT B-1-25		0.0	SC		CLAYEY SAND. 70% sand, 30% clay. Fine to medium grained. Slightly damp.	25
				CL		SANDY CLAY. Fine to medium grained sand. Slightly damp.	
30	CT B-1-30		0.0			▽	30
				SC		CLAYEY SAND. Medium grained. Low plasticity. Damp.	
35	CT B-1-35		0.0			Bottom of hole at 35 feet	35

VATC ASSOCIATES INC.
9185 S. Farmer Ave., Ste 107
Tempe, Arizona 85284
Phone: 480.894.2056
Fax: 480.894.2497

Remarks : Groundwater encountered at approximately 31' bgs.

See key sheet for symbols and abbreviations used above.

LOG A EWNN05 2611128 BORING LOGS.GPJ LOG A EWNN05.GDT 9/27/07

LOG OF BORING B-2

SHEET 1 OF 1

Client ConocoPhillips Company | Drill Contractor Cascade Drilling Inc. | Elevation (ft amsl) --

Project Name ConocoPhillips Site No. 2611128 | Drill Method Geoprobe

Number 34.75118.3166 | Drilling Started 8/23/07 Ended 8/23/07 | Total Depth 35.0

Location 4707 First Street, Livermore, CA | Logged By Jonathan Flomerfelt | Depth To Water ▽ ATD 32.0

DEPTH (feet)	SAMPLE NO.	BLOWS/6"	PID (ppm)	USCS	LITHOLOGY	DESCRIPTION	DEPTH FEET
						ASPHALT.	
				CL		SANDY CLAY. 75% clay, 25% sand. Fine to medium grained sand. Moderate plasticity. Brown. Moist.	
5	CT B-2-5		0.0	ML		SANDY SILT.	5
10	CT B-2-10		0.0	CL ML		CLAYEY SILT. Hard. Dry.	10
15	CT B-2-15		0.0	CL ML		SILTY CLAY WITH SAND. Hard. Dry.	15
20	CT B-2-20		0.0	CH		CLAY WITH SOME SILT. High plasticity. Low density.	20
25	CT B-2-25		0.0	CL ML		SILTY CLAY WITH SAND. High plasticity. Low density.	25
30	CT B-2-30		0.0			Slightly damp. Expansive. ▽	30
				CL		CLAY. Hard. Damp to wet. Expansive.	
35	CT B-2-35		0.0			Bottom of hole at 35 feet	35

VATC ASSOCIATES INC.
9185 S. Farmer Ave., Ste 107
Tempe, Arizona 85284
Phone: 480.894.2056
Fax: 480.894.2497

Remarks : Groundwater encountered at approximately 32' bgs.

See key sheet for symbols and abbreviations used above.

LOG A EWNN05 2611128 BORING LOGS.GPJ LOG A EWNN05.GDT 9/27/07

LOG OF BORING B-3

SHEET 1 OF 1

Client ConocoPhillips Company | Drill Contractor Cascade Drilling Inc. | Elevation (ft amsl) --

Project Name ConocoPhillips Site No. 2611128 | Drill Method Geoprobe

Number 34.75118.3166 | Drilling Started 8/27/07 Ended 8/27/07 | Total Depth 25.0

Location 4707 First Street, Livermore, CA | Logged By Jonathan Flomerfelt | Depth To Water ▽ ATD 20.0

DEPTH (feet)	SAMPLE NO.	BLOWS/6"	PID (ppm)	USCS	LITHOLOGY	DESCRIPTION	DEPTH FEET
						ASPHALT.	
				CL		SANDY CLAY. 70% clay, 20% sand, 10% gravel. Fine grained sand. Moderate plasticity. Brown.	
5	CT B-3-5		0.0				5
				CH		CLAY. High plasticity. Dry.	
10	CT B-3-10		0.0				10
				CL		SANDY CLAY WITH SILT. Low plasticity. Dry.	
15	CT B-3-15		0.0				15
				SP		GRAVELLY SAND. 80% sand, 20% gravel. Medium to coarse grained sand.	
20	CT B-3-20		0.0			Wet. ▽	20
25	CT B-3-25		0.0			Bottom of hole at 25 feet	25

VATC ASSOCIATES INC.
9185 S. Farmer Ave., Ste 107
Tempe, Arizona 85284
Phone: 480.894.2056
Fax: 480.894.2497

Remarks : Groundwater encountered at approximately 20' bgs.

See key sheet for symbols and abbreviations used above.

LOG A EWNN05 2611128 BORING LOGS.GPJ LOG A EWNN05.GDT 9/27/07

LOG OF BORING B-4

SHEET 1 OF 1

Client ConocoPhillips Company
Project Name ConocoPhillips Site No. 2611128
Number 34.75118.3166
Location 4707 First Street, Livermore, CA

Drill Contractor Cascade Drilling Inc.
Drill Method Geoprobe
Drilling Started 8/22/07 Ended 8/22/07
Logged By Jonathan Flomerfelt

Elevation (ft amsl) --
Total Depth 25.0
Depth To Water ▽ ATD 21.0

DEPTH (feet)	SAMPLE NO.	BLOWS/6"	PID (ppm)	USCS	LITHOLOGY	DESCRIPTION	DEPTH FEET
						ASPHALT.	
				CL		SANDY CLAY WITH GRAVEL. 55% clay, 30% sand, 15% gravel. Well graded sand and gravel. Low plasticity. Brown. Damp.	
				CL		SANDY CLAY. 70% clay, 30% sand. Fine grained sand. Moderate plasticity. Brown. Damp.	
5	CT B-4-5		0.0	CL ML		SILTY CLAY. Moist.	5
10	CT B-4-10		0.0			Moderate plasticity. Dry.	10
				ML		SANDY SILT WITH CLAY. Low plasticity. Dry.	
15	CT B-4-15		0.0				15
20	CT B-4-20		0.0	CL		SANDY CLAY WITH GRAVEL. Moderate plasticity. Moist. ▽	20
				SP		SANDY GRAVEL. Fine to coarse grained sand. Wet.	
25	CT B-4-25		0.0			Bottom of hole at 25 feet	25

VATC ASSOCIATES INC.
9185 S. Farmer Ave., Ste 107
Tempe, Arizona 85284
Phone: 480.894.2056
Fax: 480.894.2497

Remarks : Groundwater encountered at approximately 21' bgs.

See key sheet for symbols and abbreviations used above.

LOG OF BORING B-5

SHEET 1 OF 1

Client ConocoPhillips Company | Drill Contractor Cascade Drilling Inc. | Elevation (ft amsl) –

Project Name ConocoPhillips Site No. 2611128 | Drill Method Geoprobe | Total Depth 9.0

Number 34.75118.3166 | Drilling Started 8/22/07 Ended 8/22/07 | Depth To Water

Location 4707 First Street, Livermore, CA | Logged By Jonathan Flomerfelt

DEPTH (feet)	SAMPLE NO.	BLOWS/6"	USCS	LITHOLOGY	DESCRIPTION	DEPTH FEET
					ASPHALT.	
2			CL		SANDY CLAY WITH GRAVEL. 55% clay, 25% sand, 20% gravel. Well graded sand and gravel. Moderate plasticity. Dry.	2
4			CL		SANDY CLAY. 80% clay, 20% sand. Fine grained sand. Moderate plasticity. Damp.	4
6						6
8					Refusal.	8
					Bottom of hole at 9 feet	
10						10
12						12

ATC ASSOCIATES INC.
9185 S. Farmer Ave., Ste 107
Tempe, Arizona 85284
Phone: 480.894.2056
Fax: 480.894.2497

Remarks : Refusal at 9'. No groundwater encountered.

See key sheet for symbols and abbreviations used above.

LOG A EWNN05 2611128 BORING LOGS.GPJ LOG A EWNN05.GDT 9/27/07

LOG OF BORING B-6

SHEET 1 OF 1

Client ConocoPhillips Company | Drill Contractor Cascade Drilling Inc. | Elevation (ft amsl) --

Project Name ConocoPhillips Site No. 2611128 | Drill Method Geoprobe

Number 34.75118.3166 | Drilling Started 8/22/07 Ended 8/22/07 | Total Depth 25.0

Location 4707 First Street, Livermore, CA | Logged By Jonathan Flomerfelt | Depth To Water ▽ ATD 21.0

DEPTH (feet)	SAMPLE NO.	BLOWS/6"	PID (ppm)	USCS	LITHOLOGY	DESCRIPTION	DEPTH FEET
						ASPHALT.	
				CL		SANDY CLAY WITH GRAVEL. 65% clay, 20% sand, 15% gravel. Well graded sand and gravel. Moderate plasticity. Brown. Dry.	
5	CT B-6-5		0.0	ML		SILT.	5
10	CT B-6-10		0.0	CL ML		SILTY CLAY WITH TRACE SAND. Medium to high plasticity.	10
				CH		CLAY. High plasticity. Dry.	
				CL		SANDY CLAY WITH GRAVEL.	
15	CT B-6-15		0.0	SP		GRAVELLY SAND WITH CLAY. Dry. Subangular gravel.	15
20	CT B-6-20		0.0			20-25% gravel, 15% fine sand, 60-65% coarse sand. Poorly graded. Wet. ▽	20
				CL ML		SILTY CLAY. High plasticity. Damp.	
25	CT B-6-25		0.0			Bottom of hole at 25 feet	25

ATC ASSOCIATES INC.
9185 S. Farmer Ave., Ste 107
Tempe, Arizona 85284
Phone: 480.894.2056
Fax: 480.894.2497

Remarks : Groundwater encountered at approximately 21' bgs.

See key sheet for symbols and abbreviations used above.

LOG A EWNN05 2611128 BORING LOGS.GPJ LOG A EWNN05.GDT 9/27/07

APPENDIX C

LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION

Lancaster Laboratories
2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

ANALYTICAL RESULTS

Prepared for:

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

602-452-2502

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 1052937. Samples arrived at the laboratory on Thursday, August 23, 2007. The PO# for this group is 4508630951 and the release number is BOONE.

Client Description	Lancaster Labs Number
B-1 NA Water	5136464
B-1d30.0 NA Soil	5136465
B-4 NA Water	5136466
B-4d21.0 NA Soil	5136467
B-6 NA Water	5136468
B-6d19.0 NA Soil	5136469
Duplicate B-4 NA Water	5136470

ELECTRONIC COPY TO ATC Associates, Inc. Attn: Keli Vandegrift

Lancaster Laboratories

Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Questions? Contact your Client Services Representative
Megan A Moeller at (717) 656-2300

Respectfully Submitted,

Melissa A McDermott

Melissa A. McDermott
Senior Chemist

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW 5136464

B-1 NA Water
Site# 2611128 ATCE
4707 First St-Livermore NA B-1

Collected:08/21/2007 16:45 by JF

Account Number: 12258

Submitted: 08/23/2007 11:20
Reported: 09/10/2007 at 15:03
Discard: 10/11/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

FSL01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05553	TPH-DRO (Waters)	n.a.	1,100.	290.	1,000.	ug/l	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.						
01635	TPH-GRO 8015B - water						
01639	TPH-GRO 8015B - water	n.a.	N.D.	20.	50.	ug/l	1
05382	EPA SW846/8260 (water)						
05385	Chloromethane	74-87-3	N.D.	1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	5.	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.	2.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	5.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	5.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.	0.8	5.	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	5.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	5.	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.	1.	5.	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.	1.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5136464

B-1 NA Water
Site# 2611128 ATCE
4707 First St-Livermore NA B-1

Collected:08/21/2007 16:45 by JF

Account Number: 12258

Submitted: 08/23/2007 11:20
Reported: 09/10/2007 at 15:03
Discard: 10/11/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

FSL01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.	5.	ug/l	1
08202	EPA SW 846/8260 - Water						
01587	Ethanol	64-17-5	N.D.	50.	250.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	5.	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.8	5.	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.8	5.	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.8	5.	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	10.	80.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	5.	ug/l	1
08203	Freon 113	76-13-1	N.D.	2.	10.	ug/l	1

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
05553	TPH-DRO (Waters)	SW-846 8015B	1	08/29/2007 03:18	Tracy A Cole	1
01635	TPH-GRO 8015B - water	SW-846 8015B modified	1	08/27/2007 19:49	Martha L Seidel	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	08/29/2007 15:07	Chelsea B Eastep	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	08/29/2007 15:07	Chelsea B Eastep	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/27/2007 19:49	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/29/2007 15:07	Chelsea B Eastep	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	08/24/2007 18:15	Mitchell B Crawford	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. SW 5136465

B-1d30.0 NA Soil
Site# 2611128 ATCE
4707 First St-Livermore NA B-1

Collected:08/21/2007 16:10 by JF

Account Number: 12258

Submitted: 08/23/2007 11:20
Reported: 09/10/2007 at 15:03
Discard: 10/11/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

FS130

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
08270	TPH-DRO by 8015B	n.a.	N.D.	4.0	12.	mg/kg	1
01637	TPH-GRO 8015B - soil						
01641	TPH-GRO 8015B - soil	n.a.	N.D.	0.2	1.0	mg/kg	25
03983	EPA SW 846/8260 - Soil						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	0.005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	0.005	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	0.005	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	0.005	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	0.10	mg/kg	1
06089	Ethanol	64-17-5	N.D.	0.10	0.50	mg/kg	1
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.001	0.005	mg/kg	1
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.001	0.005	mg/kg	1
08199	Freon 113	76-13-1	N.D.	0.002	0.01	mg/kg	1
05441	EPA SW846/8260 (soil)						
05444	Chloromethane	74-87-3	N.D.	0.002	0.005	mg/kg	1
05445	Vinyl Chloride	75-01-4	N.D.	0.001	0.005	mg/kg	1
05446	Bromomethane	74-83-9	N.D.	0.002	0.005	mg/kg	1
05447	Chloroethane	75-00-3	N.D.	0.002	0.005	mg/kg	1
05448	Trichlorofluoromethane	75-69-4	N.D.	0.002	0.005	mg/kg	1
05449	1,1-Dichloroethene	75-35-4	N.D.	0.001	0.005	mg/kg	1
05450	Methylene Chloride	75-09-2	0.003 J	0.002	0.005	mg/kg	1
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.001	0.005	mg/kg	1
05452	1,1-Dichloroethane	75-34-3	N.D.	0.001	0.005	mg/kg	1
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.001	0.005	mg/kg	1
05455	Chloroform	67-66-3	N.D.	0.001	0.005	mg/kg	1
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.001	0.005	mg/kg	1
05458	Carbon Tetrachloride	56-23-5	N.D.	0.001	0.005	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	0.005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.005	mg/kg	1
05462	Trichloroethene	79-01-6	N.D.	0.001	0.005	mg/kg	1
05463	1,2-Dichloropropane	78-87-5	N.D.	0.001	0.005	mg/kg	1
05465	Bromodichloromethane	75-27-4	N.D.	0.001	0.005	mg/kg	1
05466	Toluene	108-88-3	0.003 J	0.001	0.005	mg/kg	1
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.001	0.005	mg/kg	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. SW 5136465

B-1d30.0 NA Soil
Site# 2611128 ATCE
4707 First St-Livermore NA B-1

Collected:08/21/2007 16:10 by JF

Account Number: 12258

Submitted: 08/23/2007 11:20
Reported: 09/10/2007 at 15:03
Discard: 10/11/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

FS130

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05468	Tetrachloroethene	127-18-4	N.D.	0.001	0.005	mg/kg	1
05470	Dibromochloromethane	124-48-1	N.D.	0.001	0.005	mg/kg	1
05472	Chlorobenzene	108-90-7	N.D.	0.001	0.005	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	0.005	mg/kg	1
05475	m+p-Xylene	1330-20-7	0.002 J	0.001	0.005	mg/kg	1
05476	o-Xylene	95-47-6	N.D.	0.001	0.005	mg/kg	1
05478	Bromoform	75-25-2	N.D.	0.001	0.005	mg/kg	1
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.001	0.005	mg/kg	1
05491	1,3-Dichlorobenzene	541-73-1	N.D.	0.001	0.005	mg/kg	1
05492	1,4-Dichlorobenzene	106-46-7	N.D.	0.001	0.005	mg/kg	1
05494	1,2-Dichlorobenzene	95-50-1	N.D.	0.001	0.005	mg/kg	1

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08270	TPH-DRO by 8015B	SW-846 8015B	1	08/30/2007 05:37	Tracy A Cole	1
01637	TPH-GRO 8015B - soil	SW-846 8015B modified	1	08/28/2007 02:18	Linda C Pape	25
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	09/01/2007 10:09	Holly Berry	1
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	09/01/2007 10:09	Holly Berry	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	08/31/2007 02:55	Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	1	08/23/2007 22:30	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	08/24/2007 16:00	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5136466

B-4 NA Water
Site# 2611128 ATCE
4707 First St-Livermore NA B-4

Collected:08/22/2007 14:40 by JF

Account Number: 12258

Submitted: 08/23/2007 11:20
Reported: 09/10/2007 at 15:03
Discard: 10/11/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

FSL04

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05553	TPH-DRO (Waters)	n.a.	600.	J	290.	1,000.	ug/l	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.							
01635	TPH-GRO 8015B - water							
01639	TPH-GRO 8015B - water	n.a.	N.D.		20.	50.	ug/l	1
05382	EPA SW846/8260 (water)							
05385	Chloromethane	74-87-3	N.D.		1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.		1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.	5.	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.		0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.8	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.		0.5	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.	5.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.		1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.	5.	ug/l	1
05407	Toluene	108-88-3	N.D.		0.7	5.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.8	5.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.8	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.	5.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.8	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.		0.8	5.	ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.		0.8	5.	ug/l	1
05417	o-Xylene	95-47-6	N.D.		0.8	5.	ug/l	1
05419	Bromoform	75-25-2	N.D.		1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.	5.	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.	5.	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5136466

B-4 NA Water
Site# 2611128 ATCE
4707 First St-Livermore NA B-4

Collected:08/22/2007 14:40 by JF

Account Number: 12258

Submitted: 08/23/2007 11:20
Reported: 09/10/2007 at 15:03
Discard: 10/11/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

FSL04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.	5.	ug/l	1
08202	EPA SW 846/8260 - Water						
01587	Ethanol	64-17-5	N.D.	50.	250.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	5.	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.8	5.	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.8	5.	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.8	5.	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	10.	80.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	5.	ug/l	1
08203	Freon 113	76-13-1	N.D.	2.	10.	ug/l	1

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
05553	TPH-DRO (Waters)	SW-846 8015B	1	08/29/2007 03:39	Tracy A Cole	1
01635	TPH-GRO 8015B - water	SW-846 8015B modified	1	08/29/2007 01:21	Martha L Seidel	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	08/29/2007 15:59	Chelsea B Eastep	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	08/29/2007 15:59	Chelsea B Eastep	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/29/2007 01:21	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/29/2007 15:59	Chelsea B Eastep	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	08/24/2007 18:15	Mitchell B Crawford	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 5136467

B-4d21.0 NA Soil
Site# 2611128 ATCE
4707 First St-Livermore NA B-4

Collected:08/22/2007 14:30 by JF

Account Number: 12258

Submitted: 08/23/2007 11:20
Reported: 09/10/2007 at 15:03
Discard: 10/11/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

FS421

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
08270	TPH-DRO by 8015B	n.a.	80.	4.0	12.	mg/kg	1
01637	TPH-GRO 8015B - soil						
01641	TPH-GRO 8015B - soil	n.a.	N.D.	0.2	1.0	mg/kg	25
03983	EPA SW 846/8260 - Soil						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	0.005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	0.005	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	0.005	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	0.005	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	0.10	mg/kg	1
06089	Ethanol	64-17-5	N.D.	0.10	0.50	mg/kg	1
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.001	0.005	mg/kg	1
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.001	0.005	mg/kg	1
08199	Freon 113	76-13-1	N.D.	0.002	0.01	mg/kg	1
05441	EPA SW846/8260 (soil)						
05444	Chloromethane	74-87-3	N.D.	0.002	0.005	mg/kg	1
05445	Vinyl Chloride	75-01-4	N.D.	0.001	0.005	mg/kg	1
05446	Bromomethane	74-83-9	N.D.	0.002	0.005	mg/kg	1
05447	Chloroethane	75-00-3	N.D.	0.002	0.005	mg/kg	1
05448	Trichlorofluoromethane	75-69-4	N.D.	0.002	0.005	mg/kg	1
05449	1,1-Dichloroethene	75-35-4	N.D.	0.001	0.005	mg/kg	1
05450	Methylene Chloride	75-09-2	0.003 J	0.002	0.005	mg/kg	1
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.001	0.005	mg/kg	1
05452	1,1-Dichloroethane	75-34-3	N.D.	0.001	0.005	mg/kg	1
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.001	0.005	mg/kg	1
05455	Chloroform	67-66-3	N.D.	0.001	0.005	mg/kg	1
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.001	0.005	mg/kg	1
05458	Carbon Tetrachloride	56-23-5	N.D.	0.001	0.005	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	0.005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.005	mg/kg	1
05462	Trichloroethene	79-01-6	N.D.	0.001	0.005	mg/kg	1
05463	1,2-Dichloropropane	78-87-5	N.D.	0.001	0.005	mg/kg	1
05465	Bromodichloromethane	75-27-4	N.D.	0.001	0.005	mg/kg	1
05466	Toluene	108-88-3	0.004 J	0.001	0.005	mg/kg	1
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.001	0.005	mg/kg	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. SW 5136467

B-4d21.0 NA Soil
Site# 2611128 ATCE
4707 First St-Livermore NA B-4

Collected:08/22/2007 14:30 by JF

Account Number: 12258

Submitted: 08/23/2007 11:20
Reported: 09/10/2007 at 15:03
Discard: 10/11/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

FS421

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05468	Tetrachloroethene	127-18-4	N.D.		0.001	0.005	mg/kg	1
05470	Dibromochloromethane	124-48-1	N.D.		0.001	0.005	mg/kg	1
05472	Chlorobenzene	108-90-7	N.D.		0.001	0.005	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.		0.001	0.005	mg/kg	1
05475	m+p-Xylene	1330-20-7	0.004	J	0.001	0.005	mg/kg	1
05476	o-Xylene	95-47-6	0.001	J	0.001	0.005	mg/kg	1
05478	Bromoform	75-25-2	N.D.		0.001	0.005	mg/kg	1
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.001	0.005	mg/kg	1
05491	1,3-Dichlorobenzene	541-73-1	N.D.		0.001	0.005	mg/kg	1
05492	1,4-Dichlorobenzene	106-46-7	N.D.		0.001	0.005	mg/kg	1
05494	1,2-Dichlorobenzene	95-50-1	N.D.		0.001	0.005	mg/kg	1

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08270	TPH-DRO by 8015B	SW-846 8015B	1	08/30/2007 08:51	Tracy A Cole	1
01637	TPH-GRO 8015B - soil	SW-846 8015B modified	1	08/28/2007 02:54	Linda C Pape	25
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	08/30/2007 23:23	Nicholas R Rossi	1
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	08/30/2007 23:23	Nicholas R Rossi	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	08/30/2007 15:43	Sara E Wolf	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	1	08/23/2007 22:40	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	08/24/2007 16:00	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5136468

B-6 NA Water
Site# 2611128 ATCE
4707 First St-Livermore NA B-6

Collected:08/22/2007 10:25 by JF

Account Number: 12258

Submitted: 08/23/2007 11:20
Reported: 09/10/2007 at 15:03
Discard: 10/11/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

FSL06

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05553	TPH-DRO (Waters)	n.a.	7,300.		1,500.	5,000.	ug/l	5
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.							
01635	TPH-GRO 8015B - water							
01639	TPH-GRO 8015B - water	n.a.	24.	J	20.	50.	ug/l	1
05382	EPA SW846/8260 (water)							
05385	Chloromethane	74-87-3	N.D.		1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.		1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.	5.	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.		0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.8	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.		0.5	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.	5.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.		1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.	5.	ug/l	1
05407	Toluene	108-88-3	N.D.		0.7	5.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.8	5.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.8	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.	5.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.8	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.		0.8	5.	ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.		0.8	5.	ug/l	1
05417	o-Xylene	95-47-6	N.D.		0.8	5.	ug/l	1
05419	Bromoform	75-25-2	N.D.		1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.	5.	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.	5.	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5136468

B-6 NA Water
Site# 2611128 ATCE
4707 First St-Livermore NA B-6

Collected:08/22/2007 10:25 by JF

Account Number: 12258

Submitted: 08/23/2007 11:20
Reported: 09/10/2007 at 15:03
Discard: 10/11/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

FSL06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.	5.	ug/l	1
08202	EPA SW 846/8260 - Water						
01587	Ethanol	64-17-5	N.D.	50.	250.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	5.	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.8	5.	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.8	5.	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.8	5.	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	10.	80.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	5.	ug/l	1
08203	Freon 113	76-13-1	N.D.	2.	10.	ug/l	1

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
05553	TPH-DRO (Waters)	SW-846 8015B	1	08/29/2007 11:07	Tracy A Cole	5
01635	TPH-GRO 8015B - water	SW-846 8015B modified	1	08/29/2007 04:41	Martha L Seidel	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	08/29/2007 16:25	Chelsea B Eastep	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	08/29/2007 16:25	Chelsea B Eastep	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/29/2007 04:41	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/29/2007 16:25	Chelsea B Eastep	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	08/24/2007 18:15	Mitchell B Crawford	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 5136469

B-6d19.0 NA Soil
Site# 2611128 ATCE
4707 First St-Livermore NA B-6

Collected:08/22/2007 10:10 by JF

Account Number: 12258

Submitted: 08/23/2007 11:20
Reported: 09/10/2007 at 15:03
Discard: 10/11/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

FS619

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
08270	TPH-DRO by 8015B	n.a.	4.8	J	4.0	12.	mg/kg	1
01637	TPH-GRO 8015B - soil							
01641	TPH-GRO 8015B - soil	n.a.	0.2	J	0.2	1.0	mg/kg	25
03983	EPA SW 846/8260 - Soil							
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.0005	0.005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.		0.001	0.005	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.		0.001	0.005	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.		0.001	0.005	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.		0.020	0.10	mg/kg	1
06089	Ethanol	64-17-5	N.D.		0.10	0.50	mg/kg	1
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.001	0.005	mg/kg	1
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.001	0.005	mg/kg	1
08199	Freon 113	76-13-1	N.D.		0.002	0.01	mg/kg	1
05441	EPA SW846/8260 (soil)							
05444	Chloromethane	74-87-3	N.D.		0.002	0.005	mg/kg	1
05445	Vinyl Chloride	75-01-4	N.D.		0.001	0.005	mg/kg	1
05446	Bromomethane	74-83-9	N.D.		0.002	0.005	mg/kg	1
05447	Chloroethane	75-00-3	N.D.		0.002	0.005	mg/kg	1
05448	Trichlorofluoromethane	75-69-4	N.D.		0.002	0.005	mg/kg	1
05449	1,1-Dichloroethene	75-35-4	N.D.		0.001	0.005	mg/kg	1
05450	Methylene Chloride	75-09-2	0.004	J	0.002	0.005	mg/kg	1
05451	trans-1,2-Dichloroethene	156-60-5	N.D.		0.001	0.005	mg/kg	1
05452	1,1-Dichloroethane	75-34-3	N.D.		0.001	0.005	mg/kg	1
05454	cis-1,2-Dichloroethene	156-59-2	N.D.		0.001	0.005	mg/kg	1
05455	Chloroform	67-66-3	N.D.		0.001	0.005	mg/kg	1
05457	1,1,1-Trichloroethane	71-55-6	N.D.		0.001	0.005	mg/kg	1
05458	Carbon Tetrachloride	56-23-5	N.D.		0.001	0.005	mg/kg	1
05460	Benzene	71-43-2	N.D.		0.0005	0.005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.		0.001	0.005	mg/kg	1
05462	Trichloroethene	79-01-6	N.D.		0.001	0.005	mg/kg	1
05463	1,2-Dichloropropane	78-87-5	N.D.		0.001	0.005	mg/kg	1
05465	Bromodichloromethane	75-27-4	N.D.		0.001	0.005	mg/kg	1
05466	Toluene	108-88-3	0.002	J	0.001	0.005	mg/kg	1
05467	1,1,2-Trichloroethane	79-00-5	N.D.		0.001	0.005	mg/kg	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. SW 5136469

B-6d19.0 NA Soil
Site# 2611128 ATCE
4707 First St-Livermore NA B-6

Collected:08/22/2007 10:10 by JF

Account Number: 12258

Submitted: 08/23/2007 11:20
Reported: 09/10/2007 at 15:03
Discard: 10/11/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

FS619

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05468	Tetrachloroethene	127-18-4	N.D.	0.001	0.005	mg/kg	1
05470	Dibromochloromethane	124-48-1	N.D.	0.001	0.005	mg/kg	1
05472	Chlorobenzene	108-90-7	N.D.	0.001	0.005	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	0.005	mg/kg	1
05475	m+p-Xylene	1330-20-7	0.002 J	0.001	0.005	mg/kg	1
05476	o-Xylene	95-47-6	N.D.	0.001	0.005	mg/kg	1
05478	Bromoform	75-25-2	N.D.	0.001	0.005	mg/kg	1
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.001	0.005	mg/kg	1
05491	1,3-Dichlorobenzene	541-73-1	N.D.	0.001	0.005	mg/kg	1
05492	1,4-Dichlorobenzene	106-46-7	N.D.	0.001	0.005	mg/kg	1
05494	1,2-Dichlorobenzene	95-50-1	N.D.	0.001	0.005	mg/kg	1

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08270	TPH-DRO by 8015B	SW-846 8015B	1	08/30/2007 05:58	Tracy A Cole	1
01637	TPH-GRO 8015B - soil	SW-846 8015B modified	1	08/28/2007 03:30	Linda C Pape	25
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	08/30/2007 23:47	Nicholas R Rossi	1
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	08/30/2007 23:47	Nicholas R Rossi	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	08/30/2007 15:44	Sara E Wolf	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	1	08/23/2007 22:47	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	08/24/2007 16:00	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 •717-656-2300 Fax:717-656-2681• www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW 5136470

Duplicate B-4 NA Water
Site# 2611128 ATCE
4707 First St-Livermore NA B-4

Collected:08/22/2007 14:50 by JF

Account Number: 12258

Submitted: 08/23/2007 11:20
Reported: 09/10/2007 at 15:03
Discard: 10/11/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

FSLFD

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05553	TPH-DRO (Waters)	n.a.	430.	J	290.	1,000.	ug/l	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.							
01635	TPH-GRO 8015B - water							
01639	TPH-GRO 8015B - water	n.a.	N.D.		20.	50.	ug/l	1
05382	EPA SW846/8260 (water)							
05385	Chloromethane	74-87-3	N.D.		1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.		1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.	5.	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.		0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.8	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.		0.5	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.	5.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.		1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.	5.	ug/l	1
05407	Toluene	108-88-3	N.D.		0.7	5.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.8	5.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.8	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.	5.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.8	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.		0.8	5.	ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.		0.8	5.	ug/l	1
05417	o-Xylene	95-47-6	N.D.		0.8	5.	ug/l	1
05419	Bromoform	75-25-2	N.D.		1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.	5.	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.	5.	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW 5136470

Duplicate B-4 NA Water
Site# 2611128 ATCE
4707 First St-Livermore NA B-4

Collected:08/22/2007 14:50 by JF

Account Number: 12258

Submitted: 08/23/2007 11:20
Reported: 09/10/2007 at 15:03
Discard: 10/11/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

FSLFD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.	5.	ug/l	1
08202	EPA SW 846/8260 - Water						
01587	Ethanol	64-17-5	N.D.	50.	250.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	5.	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.8	5.	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.8	5.	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.8	5.	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	10.	80.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	5.	ug/l	1
08203	Freon 113	76-13-1	N.D.	2.	10.	ug/l	1

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
05553	TPH-DRO (Waters)	SW-846 8015B	1	08/29/2007 01:30	Tracy A Cole	1
01635	TPH-GRO 8015B - water	SW-846 8015B modified	1	08/29/2007 01:44	Martha L Seidel	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	08/29/2007 16:51	Chelsea B Eastep	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	08/29/2007 16:51	Chelsea B Eastep	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/29/2007 01:44	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/29/2007 16:51	Chelsea B Eastep	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	08/24/2007 18:15	Mitchell B Crawford	1

*=This limit was used in the evaluation of the final result

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1052937
Reported: 09/10/07 at 03:03 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 072360011A	Sample number(s): 5136465,5136467,5136469								
TPH-DRO by 8015B	N.D.	4.0	12.	mg/kg	80	77	71-109	4	20
Batch number: 072360012A	Sample number(s): 5136464,5136466,5136468,5136470								
TPH-DRO (Waters)	N.D.	29.	100.	ug/l	93	94	63-119	1	20
Batch number: 07239A31A	Sample number(s): 5136465,5136467,5136469								
TPH-GRO 8015B - soil	N.D.	0.2	1.0	mg/kg	101		67-119		
Batch number: 07239A53A	Sample number(s): 5136464								
TPH-GRO 8015B - water	N.D.	20.	50.	ug/l	105	100	75-135	5	30
Batch number: 07240A53A	Sample number(s): 5136466,5136468,5136470								
TPH-GRO 8015B - water	N.D.	20.	50.	ug/l	90	101	75-135	12	30
Batch number: A072441AA	Sample number(s): 5136465								
Methyl Tertiary Butyl Ether	N.D.	0.0005	0.005	mg/kg	103		72-117		
di-Isopropyl ether	N.D.	0.001	0.005	mg/kg	102		72-120		
Ethyl t-butyl ether	N.D.	0.001	0.005	mg/kg	101		72-115		
t-Amyl methyl ether	N.D.	0.001	0.005	mg/kg	100		73-116		
t-Butyl alcohol	N.D.	0.020	0.10	mg/kg	101		59-154		
Chloromethane	N.D.	0.002	0.005	mg/kg	96		44-115		
Vinyl Chloride	N.D.	0.001	0.005	mg/kg	93		52-111		
Bromomethane	N.D.	0.002	0.005	mg/kg	83		53-124		
Chloroethane	N.D.	0.002	0.005	mg/kg	88		63-120		
Trichlorofluoromethane	N.D.	0.002	0.005	mg/kg	95		58-125		
1,1-Dichloroethene	N.D.	0.001	0.005	mg/kg	109		83-121		
Methylene Chloride	N.D.	0.002	0.005	mg/kg	102		75-120		
trans-1,2-Dichloroethene	N.D.	0.001	0.005	mg/kg	103		84-116		
1,1-Dichloroethane	N.D.	0.001	0.005	mg/kg	105		82-116		
cis-1,2-Dichloroethene	N.D.	0.001	0.005	mg/kg	102		84-113		
Chloroform	N.D.	0.001	0.005	mg/kg	102		81-117		
1,1,1-Trichloroethane	N.D.	0.001	0.005	mg/kg	101		74-127		
Carbon Tetrachloride	N.D.	0.001	0.005	mg/kg	100		76-122		
Benzene	N.D.	0.0005	0.005	mg/kg	102		84-115		
1,2-Dichloroethane	N.D.	0.001	0.005	mg/kg	105		76-126		
Trichloroethene	N.D.	0.001	0.005	mg/kg	99		81-114		
1,2-Dichloropropane	N.D.	0.001	0.005	mg/kg	103		78-119		
Bromodichloromethane	N.D.	0.001	0.005	mg/kg	104		77-116		
Toluene	N.D.	0.001	0.005	mg/kg	101		81-116		
1,1,2-Trichloroethane	N.D.	0.001	0.005	mg/kg	105		81-112		
Tetrachloroethene	N.D.	0.001	0.005	mg/kg	97		77-120		
Dibromochloromethane	N.D.	0.001	0.005	mg/kg	108		80-113		
Chlorobenzene	N.D.	0.001	0.005	mg/kg	100		81-112		
Ethylbenzene	N.D.	0.001	0.005	mg/kg	99		82-115		
m+p-Xylene	N.D.	0.001	0.005	mg/kg	99		82-117		
o-Xylene	N.D.	0.001	0.005	mg/kg	100		82-117		

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1052937
Reported: 09/10/07 at 03:03 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Bromoform	N.D.	0.001	0.005	mg/kg	96		63-120		
1,1,2,2-Tetrachloroethane	N.D.	0.001	0.005	mg/kg	106		64-121		
1,3-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	96		76-112		
1,4-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	95		78-108		
1,2-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	97		81-109		
Ethanol	N.D.	0.10	0.50	mg/kg	101		48-149		
trans-1,3-Dichloropropene	N.D.	0.001	0.005	mg/kg	98		79-112		
cis-1,3-Dichloropropene	N.D.	0.001	0.005	mg/kg	98		80-111		
Freon 113	N.D.	0.002	0.010	mg/kg	97		68-121		
Batch number: B072421AA	Sample number(s): 5136467,5136469								
Methyl Tertiary Butyl Ether	N.D.	0.0005	0.005	mg/kg	111		72-117		
di-Isopropyl ether	N.D.	0.001	0.005	mg/kg	103		72-120		
Ethyl t-butyl ether	N.D.	0.001	0.005	mg/kg	104		72-115		
t-Amyl methyl ether	N.D.	0.001	0.005	mg/kg	105		73-116		
t-Butyl alcohol	N.D.	0.020	0.10	mg/kg	103		59-154		
Chloromethane	N.D.	0.002	0.005	mg/kg	90		44-115		
Vinyl Chloride	N.D.	0.001	0.005	mg/kg	86		52-111		
Bromomethane	N.D.	0.002	0.005	mg/kg	80		53-124		
Chloroethane	N.D.	0.002	0.005	mg/kg	83		63-120		
Trichlorofluoromethane	N.D.	0.002	0.005	mg/kg	97		58-125		
1,1-Dichloroethene	N.D.	0.001	0.005	mg/kg	93		83-121		
Methylene Chloride	0.002 J	0.002	0.005	mg/kg	117		75-120		
trans-1,2-Dichloroethene	N.D.	0.001	0.005	mg/kg	98		84-116		
1,1-Dichloroethane	N.D.	0.001	0.005	mg/kg	104		82-116		
cis-1,2-Dichloroethene	N.D.	0.001	0.005	mg/kg	98		84-113		
Chloroform	N.D.	0.001	0.005	mg/kg	108		81-117		
1,1,1-Trichloroethane	N.D.	0.001	0.005	mg/kg	105		74-127		
Carbon Tetrachloride	N.D.	0.001	0.005	mg/kg	99		76-122		
Benzene	N.D.	0.0005	0.005	mg/kg	97		84-115		
1,2-Dichloroethane	N.D.	0.001	0.005	mg/kg	121		76-126		
Trichloroethene	N.D.	0.001	0.005	mg/kg	99		81-114		
1,2-Dichloropropane	N.D.	0.001	0.005	mg/kg	99		78-119		
Bromodichloromethane	N.D.	0.001	0.005	mg/kg	103		77-116		
Toluene	N.D.	0.001	0.005	mg/kg	99		81-116		
1,1,2-Trichloroethane	N.D.	0.001	0.005	mg/kg	102		81-112		
Tetrachloroethene	N.D.	0.001	0.005	mg/kg	98		77-120		
Dibromochloromethane	N.D.	0.001	0.005	mg/kg	106		80-113		
Chlorobenzene	N.D.	0.001	0.005	mg/kg	99		81-112		
Ethylbenzene	N.D.	0.001	0.005	mg/kg	103		82-115		
m+p-Xylene	N.D.	0.001	0.005	mg/kg	100		82-117		
o-Xylene	N.D.	0.001	0.005	mg/kg	99		82-117		
Bromoform	N.D.	0.001	0.005	mg/kg	109		63-120		
1,1,2,2-Tetrachloroethane	N.D.	0.001	0.005	mg/kg	117		64-121		
1,3-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	98		76-112		
1,4-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	97		78-108		
1,2-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	104		81-109		
Ethanol	N.D.	0.10	0.50	mg/kg	96		48-149		
trans-1,3-Dichloropropene	N.D.	0.001	0.005	mg/kg	103		79-112		
cis-1,3-Dichloropropene	N.D.	0.001	0.005	mg/kg	101		80-111		
Freon 113	N.D.	0.002	0.010	mg/kg	74		68-121		
Batch number: W072411AA	Sample number(s): 5136464,5136466,5136468,5136470								
Ethanol	N.D.	50.	250.	ug/l	76	83	31-166	9	30
Methyl Tertiary Butyl Ether	N.D.	0.5	5.	ug/l	92	96	73-119	4	30

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1052937
Reported: 09/10/07 at 03:03 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
di-Isopropyl ether	N.D.	0.8	5.	ug/l	85	85	70-123	0	30
Ethyl t-butyl ether	N.D.	0.8	5.	ug/l	88	87	74-120	1	30
t-Amyl methyl ether	N.D.	0.8	5.	ug/l	89	89	79-113	0	30
t-Butyl alcohol	N.D.	10.	80.	ug/l	117	116	74-117	1	30
Chloromethane	N.D.	1.	5.	ug/l	71	82	47-122	14	30
Vinyl Chloride	N.D.	1.	5.	ug/l	78	82	54-123	5	30
Bromomethane	N.D.	1.	5.	ug/l	86	91	49-117	5	30
Chloroethane	N.D.	1.	5.	ug/l	78	80	54-117	2	30
Trichlorofluoromethane	N.D.	2.	5.	ug/l	105	102	59-128	3	30
1,1-Dichloroethene	N.D.	0.8	5.	ug/l	107	107	76-122	0	30
Methylene Chloride	N.D.	2.	5.	ug/l	106	105	85-120	1	30
trans-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	105	105	83-117	0	30
1,1-Dichloroethane	N.D.	1.	5.	ug/l	99	96	83-127	3	30
cis-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	100	98	84-117	2	30
Chloroform	N.D.	0.8	5.	ug/l	108	105	77-125	3	30
1,1,1-Trichloroethane	N.D.	0.8	5.	ug/l	114	113	83-127	1	30
Carbon Tetrachloride	N.D.	1.	5.	ug/l	122	119	77-130	2	30
Benzene	N.D.	0.5	5.	ug/l	97	96	78-119	1	30
1,2-Dichloroethane	N.D.	1.	5.	ug/l	111	111	69-135	0	30
Trichloroethene	N.D.	1.	5.	ug/l	106	105	87-117	1	30
1,2-Dichloropropane	N.D.	1.	5.	ug/l	98	96	80-117	2	30
Bromodichloromethane	N.D.	1.	5.	ug/l	114	115	83-121	1	30
Toluene	N.D.	0.7	5.	ug/l	101	102	85-115	0	30
1,1,2-Trichloroethane	N.D.	0.8	5.	ug/l	106	103	86-113	3	30
Tetrachloroethene	N.D.	0.8	5.	ug/l	114	108	76-118	5	30
Dibromochloromethane	N.D.	1.	5.	ug/l	121*	117	78-119	3	30
Chlorobenzene	N.D.	0.8	5.	ug/l	106	105	85-115	1	30
Ethylbenzene	N.D.	0.8	5.	ug/l	96	96	82-119	0	30
m+p-Xylene	N.D.	0.8	5.	ug/l	104	102	83-113	2	30
o-Xylene	N.D.	0.8	5.	ug/l	101	101	83-113	0	30
Bromoform	N.D.	1.	5.	ug/l	112	114	69-118	2	30
1,1,2,2-Tetrachloroethane	N.D.	1.	5.	ug/l	91	90	72-119	1	30
1,3-Dichlorobenzene	N.D.	1.	5.	ug/l	102	99	81-114	2	30
1,4-Dichlorobenzene	N.D.	1.	5.	ug/l	102	100	84-116	2	30
1,2-Dichlorobenzene	N.D.	1.	5.	ug/l	103	102	81-112	1	30
trans-1,3-Dichloropropene	N.D.	1.	5.	ug/l	94	93	79-114	1	30
cis-1,3-Dichloropropene	N.D.	1.	5.	ug/l	94	93	78-114	1	30
Freon 113	N.D.	2.	10.	ug/l	107	104	66-125	3	30

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 07239A31A	Sample number(s): 5136465,5136467,5136469 UNSPK: P136182								
TPH-GRO 8015B - soil	90	86	39-118	4	30				
Batch number: 07239A53A	Sample number(s): 5136464 UNSPK: P136570								
TPH-GRO 8015B - water	100		63-154						
Batch number: 07240A53A	Sample number(s): 5136466,5136468,5136470 UNSPK: P139628								

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1052937
Reported: 09/10/07 at 03:03 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
TPH-GRO 8015B - water	108		63-154						
Batch number: A072441AA	Sample number(s): 5136465 UNSPK: P139743								
Methyl Tertiary Butyl Ether	93	89	59-119	4	30				
di-Isopropyl ether	95	89	58-113	6	30				
Ethyl t-butyl ether	92	87	60-112	5	30				
t-Amyl methyl ether	91	87	63-112	4	30				
t-Butyl alcohol	92	92	51-134	0	30				
Chloromethane	87	77	38-115	11	30				
Vinyl Chloride	83	75	41-104	10	30				
Bromomethane	74	70	50-114	6	30				
Chloroethane	78	72	52-114	7	30				
Trichlorofluoromethane	85	78	39-122	8	30				
1,1-Dichloroethene	96	88	64-118	8	30				
Methylene Chloride	94	93	50-127	0	30				
trans-1,2-Dichloroethene	91	85	60-110	7	30				
1,1-Dichloroethane	95	88	65-115	7	30				
cis-1,2-Dichloroethene	90	84	67-110	6	30				
Chloroform	92	86	69-117	6	30				
1,1,1-Trichloroethane	90	83	64-118	8	30				
Carbon Tetrachloride	88	80	56-120	9	30				
Benzene	93	87	66-112	7	30				
1,2-Dichloroethane	94	90	62-130	4	30				
Trichloroethene	88	80	48-131	9	30				
1,2-Dichloropropane	92	88	64-112	4	30				
Bromodichloromethane	93	87	66-119	7	30				
Toluene	88	84	50-121	4	30				
1,1,2-Trichloroethane	94	90	64-118	3	30				
Tetrachloroethene	85	79	40-140	6	30				
Dibromochloromethane	96	91	67-113	6	30				
Chlorobenzene	88	82	58-109	7	30				
Ethylbenzene	92	87	54-116	6	30				
m+p-Xylene	90	85	52-117	5	30				
o-Xylene	96	90	52-117	6	30				
Bromoform	85	81	54-114	4	30				
1,1,2,2-Tetrachloroethane	97	91	37-142	6	30				
1,3-Dichlorobenzene	84	77	47-109	8	30				
1,4-Dichlorobenzene	82	76	47-109	7	30				
1,2-Dichlorobenzene	84	79	50-111	6	30				
Ethanol	98	99	35-148	2	30				
trans-1,3-Dichloropropene	85	82	60-110	4	30				
cis-1,3-Dichloropropene	86	81	56-112	6	30				
Freon 113	89	83	47-115	6	30				
Batch number: B072421AA	Sample number(s): 5136467,5136469 UNSPK: P138327								
Methyl Tertiary Butyl Ether	98	97	59-119	1	30				
di-Isopropyl ether	81	88	58-113	9	30				
Ethyl t-butyl ether	86	89	60-112	3	30				
t-Amyl methyl ether	85	87	63-112	2	30				
t-Butyl alcohol	79	83	51-134	6	30				
Chloromethane	71	75	38-115	6	30				
Vinyl Chloride	61	67	41-104	11	30				
Bromomethane	63	64	50-114	1	30				

*- Outside of specification
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(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1052937
Reported: 09/10/07 at 03:03 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Chloroethane	62	67	52-114	9	30				
Trichlorofluoromethane	72	78	39-122	8	30				
1,1-Dichloroethene	76	76	64-118	1	30				
Methylene Chloride	80	87	50-127	7	30				
trans-1,2-Dichloroethene	76	83	60-110	10	30				
1,1-Dichloroethane	81	88	65-115	7	30				
cis-1,2-Dichloroethene	75	80	67-110	7	30				
Chloroform	85	94	69-117	9	30				
1,1,1-Trichloroethane	80	88	64-118	10	30				
Carbon Tetrachloride	80	85	56-120	6	30				
Benzene	76	82	66-112	7	30				
1,2-Dichloroethane	104	111	62-130	6	30				
Trichloroethene	79	81	48-131	3	30				
1,2-Dichloropropane	84	83	64-112	1	30				
Bromodichloromethane	87	92	66-119	6	30				
Toluene	76	82	50-121	7	30				
1,1,2-Trichloroethane	92	91	64-118	1	30				
Tetrachloroethene	72	76	40-140	6	30				
Dibromochloromethane	89	99	67-113	11	30				
Chlorobenzene	77	87	58-109	12	30				
Ethylbenzene	78	86	54-116	11	30				
m+p-Xylene	76	83	52-117	9	30				
o-Xylene	81	89	52-117	9	30				
Bromoform	88	96	54-114	8	30				
1,1,2,2-Tetrachloroethane	94	94	37-142	1	30				
1,3-Dichlorobenzene	75	82	47-109	9	30				
1,4-Dichlorobenzene	75	84	47-109	12	30				
1,2-Dichlorobenzene	83	89	50-111	8	30				
Ethanol	72	74	35-148	2	30				
trans-1,3-Dichloropropene	91	92	60-110	1	30				
cis-1,3-Dichloropropene	82	86	56-112	5	30				
Freon 113	59	62	47-115	5	30				

Batch number: W072411AA Sample number(s): 5136464,5136466,5136468,5136470 UNSPK: 5136464

Ethanol	92	32-164
Methyl Tertiary Butyl Ether	97	69-127
di-Isopropyl ether	89	68-129
Ethyl t-butyl ether	91	78-119
t-Amyl methyl ether	96	72-125
t-Butyl alcohol	83	70-121
Chloromethane	83	47-133
Vinyl Chloride	88	55-130
Bromomethane	97	52-129
Chloroethane	88	57-130
Trichlorofluoromethane	124	67-150
1,1-Dichloroethene	127	87-145
Methylene Chloride	114	79-133
trans-1,2-Dichloroethene	115	82-133
1,1-Dichloroethane	107	85-135
cis-1,2-Dichloroethene	108	83-126
Chloroform	116	83-139
1,1,1-Trichloroethane	129	81-142
Carbon Tetrachloride	140	82-149

*- Outside of specification
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(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1052937
Reported: 09/10/07 at 03:03 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Benzene	106		83-128						
1,2-Dichloroethane	120		70-143						
Trichloroethene	116		83-136						
1,2-Dichloropropane	104		83-129						
Bromodichloromethane	122		80-137						
Toluene	110		83-127						
1,1,2-Trichloroethane	108		77-125						
Tetrachloroethene	126		78-133						
Dibromochloromethane	125*		82-119						
Chlorobenzene	113		83-120						
Ethylbenzene	103		82-129						
m+p-Xylene	112		82-130						
o-Xylene	107		82-130						
Bromoform	115		64-119						
1,1,2,2-Tetrachloroethane	95		73-121						
1,3-Dichlorobenzene	106		79-123						
1,4-Dichlorobenzene	106		81-122						
1,2-Dichlorobenzene	108		82-117						
trans-1,3-Dichloropropene	97		77-123						
cis-1,3-Dichloropropene	92		80-126						
Freon 113	131		78-146						

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: TPH-DRO by 8015B
Batch number: 072360011A

	Orthoterphenyl
5136465	84
5136467	91
5136469	93
Blank	95
LCS	106
LCSD	102
Limits:	59-129

Analysis Name: TPH-DRO (Waters)
Batch number: 072360012A

	Orthoterphenyl
5136464	86
5136466	81
5136468	55*
5136470	89
Blank	94
LCS	108

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1052937
Reported: 09/10/07 at 03:03 PM

Surrogate Quality Control

LCSD	107
Limits:	59-131

Analysis Name: TPH-GRO 8015B - soil
Batch number: 07239A31A

	Trifluorotoluene-F
5136465	79
5136467	96
5136469	94
Blank	107
LCS	120
MS	106
MSD	102
Limits:	61-122

Analysis Name: TPH-GRO 8015B - water
Batch number: 07239A53A

	Trifluorotoluene-F
5136464	83
Blank	83
LCS	86
LCSD	87
MS	87
Limits:	63-135

Analysis Name: TPH-GRO 8015B - water
Batch number: 07240A53A

	Trifluorotoluene-F
5136466	85
5136468	81
5136470	78
Blank	82
LCS	85
LCSD	87
MS	87
Limits:	63-135

Analysis Name: EPA SW846/8260 (soil)
Batch number: A072441AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5136465	90	90	93	88
Blank	91	92	94	88
LCS	91	91	96	92
MS	90	92	95	91
MSD	90	91	95	91
Limits:	71-114	70-109	70-123	70-111

Analysis Name: EPA SW846/8260 (soil)
Batch number: B072421AA

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1052937
Reported: 09/10/07 at 03:03 PM

Surrogate Quality Control

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5136467	97	86	93	85
5136469	95	91	93	84
Blank	94	96	93	88
LCS	94	92	97	97
MS	97	93	96	98
MSD	93	89	96	97
Limits:	71-114	70-109	70-123	70-111

Analysis Name: EPA SW846/8260 (water)
Batch number: W072411AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5136464	104	93	96	85
5136466	104	93	96	86
5136468	105	98	95	84
5136470	105	97	95	84
Blank	103	94	97	87
LCS	102	97	101	98
LCSD	101	97	99	98
MS	104	98	99	98
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Acct# 12258 Cap# 1052937 Sample# 5136464-70

ATC ASSOCIATES INC.
6602 Owens Drive, Suite 100
Pleasanton, CA 94588
Main Line: (925) 460-5300
Facsimile: (925) 463-2559

CHAIN OF CUSTODY FORM

Turnaround Time: (working days) ___ 10 day ___ 3 day ___ 2-8 hr; X 7 day ___ 2 day ___ other; ___ 5 day ___ 24 hr ( )

Project Name: 261128 Client: COP
Project Number: 34.75118.3166 Task: 75001
Global I.D.:
Project Address: 4707 First St, Livermore CA
Laboratory: Lancaster Labs Contact: Megan Mueller
Lab Address/Phone: Lancaster PA 717 656 2300
ATC Project Manager: Wayne Morris jwayne.morris@atcassociates.com
ATC PM Ph. No.: (925) 225-520 906 6025 Email: @atc-enviro.com
ATC Sampler: J Flanerlelt Phone: (925) 225-7910

ATC Sample ID	Sample Information: Date	Time	Matrix: Soil	Water	Vapor	Container Information: No.	Type	Preservative	Field Pt. I.D.- Check if same as Sample I.D.	TPHg/BTEX/MTBE (8015M/8021)	Analyses Requested: Confirm MTBE by GCMS	Fuel Oxygenates (8260B)	TPHd (8015M)/TPHg	HVOCs (8010) 5LCO	SVOC's (8270)	VOCs (8260) BTEX	PP Metals (low detect) (7000/6010)	Cyanide, Total (335.2)	TPHg/BTEX/MTBE (8015M/8260B)	TPHg/BTEX/5 Fuel Oxy's (8260B)	TPHg/BTEX/5 Fuel Oxy's/1,2 DCA & EDB (8260B)	Ethanol 5LCO		
B-1 W	8/21/07	1145		X		8	VOA/LAG	HCl/				X	X	X		X						X		
B-1 D-30'		1610	X			1	SLEEVE					X	X	X	X	X						X		
B-4 W	8/22/07	1440		X		8	VOA/LAG	HCl/				X	X	X	X	X						X		
B-4 D-21'		1430	X			1	Sleeve					X	X	X	X	X						X		
B-6 W		1625		X		8	VOA/LAG	HCl/				X	X	X	X	X						X		
B-6 D-19'		1610	X			1	Sleeve					X	X	X	X	X						X		
Duplicate B-4		1450		X		8	VOA/LAG	HCl/				X	X	X	X	X						X		

Additional Comments: Enfos # 4880

EDF Format ☐

Relinquished By: Date/Time: 8/22/07 1615 Received By:
Relinquished By: Date/Time: Received By:
Relinquished By: Date/Time: Received By:
Date/Time: 8/23/07 1:15
Date/Time:
Date/Time: 8/23/07 1120

Sample Condition. Good? Yes ✓ No ___ On Ice? Yes ✓ No ___ Cooler Temp ___ Transportation Method:

Page ___ of ___

White - Lab Yellow - Lab

Lancaster Laboratories
Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< less than – The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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Lancaster Laboratories

2425 New Holland Pike. PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax:717-656-2681 • www.lancasterlabs.com

Analysis Report

ANALYTICAL RESULTS

Prepared for:

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

602-452-2502

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 1053451. Samples arrived at the laboratory on Tuesday, August 28, 2007. The PO# for this group is 4508630951 and the release number is BOONE.

Client Description	Lancaster Labs Number
B-2 NA Water	5139844
B-2d31.0 NA Soil	5139845

ELECTRONIC COPY TO ATC Associates Attn: Anita Carrano

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Questions? Contact your Client Services Representative
Megan A Moeller at (717) 656-2300

Respectfully Submitted,

Melissa A McDermott

Melissa A. McDermott
Senior Chemist

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW 5139844

B-2 NA Water
Site# 2611128 ATCE
4707 First St-Livermore NA B-2

Collected:08/23/2007 by JF

Account Number: 12258

Submitted: 08/28/2007 09:20
Reported: 09/10/2007 at 15:15
Discard: 10/11/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

B2LCW

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05553	TPH-DRO (Waters)	n.a.	4,600.	290.	1,000.	ug/l	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.						
01635	TPH-GRO 8015B - water						
01639	TPH-GRO 8015B - water	n.a.	N.D.	20.	50.	ug/l	1
	The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 7.						
05382	EPA SW846/8260 (water)						
05385	Chloromethane	74-87-3	N.D.	1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	5.	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.	2.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	5.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	5.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.	0.8	5.	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. WW 5139844

B-2 NA Water
Site# 2611128 ATCE
4707 First St-Livermore NA B-2

Collected:08/23/2007 by JF

Account Number: 12258

Submitted: 08/28/2007 09:20
Reported: 09/10/2007 at 15:15
Discard: 10/11/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

B2LCW

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05419	Bromoform	75-25-2	N.D.		1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.	5.	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.	5.	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.	5.	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.		1.	5.	ug/l	1
08202	EPA SW 846/8260 - Water							
01587	Ethanol	64-17-5	N.D.		50.	250.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	2.	J	0.5	5.	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.		0.8	5.	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.		0.8	5.	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.		0.8	5.	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.		10.	80.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.	5.	ug/l	1
08203	Freon 113	76-13-1	N.D.		2.	10.	ug/l	1

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
05553	TPH-DRO (Waters)	SW-846 8015B	1	08/31/2007 14:03	Gordon A Lodde	1
01635	TPH-GRO 8015B - water	SW-846 8015B modified	1	08/29/2007 02:06	Martha L Seidel	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	09/05/2007 07:41	Stephanie A Selis	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	09/05/2007 07:41	Stephanie A Selis	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/29/2007 02:06	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/05/2007 07:41	Stephanie A Selis	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	08/29/2007 19:15	Mitchell B Crawford	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5139844

B-2 NA Water
Site# 2611128 ATCE
4707 First St-Livermore NA B-2

Collected:08/23/2007 by JF

Submitted: 08/28/2007 09:20
Reported: 09/10/2007 at 15:15
Discard: 10/11/2007

B2LCW

Account Number: 12258

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 5139845

B-2d31.0 NA Soil
Site# 2611128 ATCE
4707 First St-Livermore NA B-2

Collected:08/23/2007 by JF

Account Number: 12258

Submitted: 08/28/2007 09:20
Reported: 09/10/2007 at 15:15
Discard: 10/11/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

B2LCS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
08270	TPH-DRO by 8015B	n.a.	N.D.	4.0	12.	mg/kg	1
01637	TPH-GRO 8015B - soil						
01641	TPH-GRO 8015B - soil	n.a.	0.2 J	0.2	1.0	mg/kg	25
03983	EPA SW 846/8260 - Soil						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	0.005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	0.005	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	0.005	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	0.005	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	0.10	mg/kg	1
06089	Ethanol	64-17-5	N.D.	0.10	0.50	mg/kg	1
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.001	0.005	mg/kg	1
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.001	0.005	mg/kg	1
08199	Freon 113	76-13-1	N.D.	0.002	0.010	mg/kg	1
05441	EPA SW846/8260 (soil)						
05444	Chloromethane	74-87-3	N.D.	0.002	0.005	mg/kg	1
05445	Vinyl Chloride	75-01-4	N.D.	0.001	0.005	mg/kg	1
05446	Bromomethane	74-83-9	N.D.	0.002	0.005	mg/kg	1
05447	Chloroethane	75-00-3	N.D.	0.002	0.005	mg/kg	1
05448	Trichlorofluoromethane	75-69-4	N.D.	0.002	0.005	mg/kg	1
05449	1,1-Dichloroethene	75-35-4	N.D.	0.001	0.005	mg/kg	1
05450	Methylene Chloride	75-09-2	0.004 J	0.002	0.005	mg/kg	1
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.001	0.005	mg/kg	1
05452	1,1-Dichloroethane	75-34-3	N.D.	0.001	0.005	mg/kg	1
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.001	0.005	mg/kg	1
05455	Chloroform	67-66-3	N.D.	0.001	0.005	mg/kg	1
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.001	0.005	mg/kg	1
05458	Carbon Tetrachloride	56-23-5	N.D.	0.001	0.005	mg/kg	1
05460	Benzene	71-43-2	0.0006 J	0.0005	0.005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.005	mg/kg	1
05462	Trichloroethene	79-01-6	N.D.	0.001	0.005	mg/kg	1
05463	1,2-Dichloropropane	78-87-5	N.D.	0.001	0.005	mg/kg	1
05465	Bromodichloromethane	75-27-4	N.D.	0.001	0.005	mg/kg	1
05466	Toluene	108-88-3	0.007	0.001	0.005	mg/kg	1
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.001	0.005	mg/kg	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Lancaster Laboratories Sample No. SW 5139845

B-2d31.0 NA Soil
Site# 2611128 ATCE
4707 First St-Livermore NA B-2

Collected:08/23/2007 by JF

Account Number: 12258

Submitted: 08/28/2007 09:20
Reported: 09/10/2007 at 15:15
Discard: 10/11/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

B2LCS

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05468	Tetrachloroethene	127-18-4	N.D.		0.001	0.005	mg/kg	1
05470	Dibromochloromethane	124-48-1	N.D.		0.001	0.005	mg/kg	1
05472	Chlorobenzene	108-90-7	N.D.		0.001	0.005	mg/kg	1
05474	Ethylbenzene	100-41-4	0.001	J	0.001	0.005	mg/kg	1
05475	m+p-Xylene	1330-20-7	0.004	J	0.001	0.005	mg/kg	1
05476	o-Xylene	95-47-6	0.002	J	0.001	0.005	mg/kg	1
05478	Bromoform	75-25-2	N.D.		0.001	0.005	mg/kg	1
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.001	0.005	mg/kg	1
05491	1,3-Dichlorobenzene	541-73-1	N.D.		0.001	0.005	mg/kg	1
05492	1,4-Dichlorobenzene	106-46-7	N.D.		0.001	0.005	mg/kg	1
05494	1,2-Dichlorobenzene	95-50-1	N.D.		0.001	0.005	mg/kg	1

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08270	TPH-DRO by 8015B	SW-846 8015B	1	08/29/2007 14:21	Tracy A Cole	1
01637	TPH-GRO 8015B - soil	SW-846 8015B modified	1	08/31/2007 11:58	Linda C Pape	25
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	09/04/2007 14:32	Nicholas R Rossi	1
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	09/04/2007 14:32	Nicholas R Rossi	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	09/04/2007 11:29	Nicholas R Rossi	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	1	08/28/2007 21:25	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	08/28/2007 15:30	Doreen K Robles	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1053451
Reported: 09/10/07 at 03:15 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 072400025A	Sample number(s): 5139845								
TPH-DRO by 8015B	N.D.	4.0	12.	mg/kg	85	80	71-109	6	20
Batch number: 07240A53A	Sample number(s): 5139844								
TPH-GRO 8015B - water	N.D.	20.	50.	ug/l	90	101	75-135	12	30
Batch number: 072410014A	Sample number(s): 5139844								
TPH-DRO (Waters)	N.D.	29.	100.	ug/l	85	86	63-119	1	20
Batch number: 07241A34B	Sample number(s): 5139845								
TPH-GRO 8015B - soil	N.D.	0.2	1.0	mg/kg	87		67-119		
Batch number: B072471AA	Sample number(s): 5139845								
Methyl Tertiary Butyl Ether	N.D.	0.0005	0.005	mg/kg	113		72-117		
di-Isopropyl ether	N.D.	0.001	0.005	mg/kg	106		72-120		
Ethyl t-butyl ether	N.D.	0.001	0.005	mg/kg	101		72-115		
t-Amyl methyl ether	N.D.	0.001	0.005	mg/kg	100		73-116		
t-Butyl alcohol	N.D.	0.020	0.10	mg/kg	91		59-154		
Chloromethane	N.D.	0.002	0.005	mg/kg	112		44-115		
Vinyl Chloride	N.D.	0.001	0.005	mg/kg	104		52-111		
Bromomethane	N.D.	0.002	0.005	mg/kg	78		53-124		
Chloroethane	N.D.	0.002	0.005	mg/kg	85		63-120		
Trichlorofluoromethane	N.D.	0.002	0.005	mg/kg	98		58-125		
1,1-Dichloroethene	N.D.	0.001	0.005	mg/kg	108		83-121		
Methylene Chloride	N.D.	0.002	0.005	mg/kg	116		75-120		
trans-1,2-Dichloroethene	N.D.	0.001	0.005	mg/kg	100		84-116		
1,1-Dichloroethane	N.D.	0.001	0.005	mg/kg	109		82-116		
cis-1,2-Dichloroethene	N.D.	0.001	0.005	mg/kg	102		84-113		
Chloroform	N.D.	0.001	0.005	mg/kg	107		81-117		
1,1,1-Trichloroethane	N.D.	0.001	0.005	mg/kg	102		74-127		
Carbon Tetrachloride	N.D.	0.001	0.005	mg/kg	100		76-122		
Benzene	N.D.	0.0005	0.005	mg/kg	102		84-115		
1,2-Dichloroethane	N.D.	0.001	0.005	mg/kg	121		76-126		
Trichloroethene	N.D.	0.001	0.005	mg/kg	100		81-114		
1,2-Dichloropropane	N.D.	0.001	0.005	mg/kg	103		78-119		
Bromodichloromethane	N.D.	0.001	0.005	mg/kg	104		77-116		
Toluene	N.D.	0.001	0.005	mg/kg	103		81-116		
1,1,2-Trichloroethane	N.D.	0.001	0.005	mg/kg	101		81-112		
Tetrachloroethene	N.D.	0.001	0.005	mg/kg	97		77-120		
Dibromochloromethane	N.D.	0.001	0.005	mg/kg	101		80-113		
Chlorobenzene	N.D.	0.001	0.005	mg/kg	97		81-112		
Ethylbenzene	N.D.	0.001	0.005	mg/kg	102		82-115		
m+p-Xylene	N.D.	0.001	0.005	mg/kg	100		82-117		
o-Xylene	N.D.	0.001	0.005	mg/kg	101		82-117		
Bromoform	N.D.	0.001	0.005	mg/kg	101		63-120		
1,1,2,2-Tetrachloroethane	N.D.	0.001	0.005	mg/kg	114		64-121		
1,3-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	98		76-112		

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1053451
Reported: 09/10/07 at 03:15 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
1,4-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	98		78-108		
1,2-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	109		81-109		
Ethanol	N.D.	0.10	0.50	mg/kg	100		48-149		
trans-1,3-Dichloropropene	N.D.	0.001	0.005	mg/kg	106		79-112		
cis-1,3-Dichloropropene	N.D.	0.001	0.005	mg/kg	98		80-111		
Freon 113	N.D.	0.002	0.010	mg/kg	87		68-121		
Batch number: W072481AA	Sample number(s): 5139844								
Ethanol	N.D.	50.	250.	ug/l	96	102	31-166	7	30
Methyl Tertiary Butyl Ether	N.D.	0.5	5.	ug/l	100	97	73-119	2	30
di-Isopropyl ether	N.D.	0.8	5.	ug/l	122	122	70-123	0	30
Ethyl t-butyl ether	N.D.	0.8	5.	ug/l	106	108	74-120	1	30
t-Amyl methyl ether	N.D.	0.8	5.	ug/l	100	100	79-113	0	30
t-Butyl alcohol	N.D.	10.	80.	ug/l	97	93	74-117	4	30
Chloromethane	N.D.	1.	5.	ug/l	88	84	47-122	5	30
Vinyl Chloride	N.D.	1.	5.	ug/l	86	86	54-123	1	30
Bromomethane	N.D.	1.	5.	ug/l	81	78	49-117	4	30
Chloroethane	N.D.	1.	5.	ug/l	85	83	54-117	2	30
Trichlorofluoromethane	N.D.	2.	5.	ug/l	80	80	59-128	0	30
1,1-Dichloroethene	N.D.	0.8	5.	ug/l	99	98	76-122	1	30
Methylene Chloride	N.D.	2.	5.	ug/l	102	100	85-120	2	30
trans-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	100	98	83-117	2	30
1,1-Dichloroethane	N.D.	1.	5.	ug/l	109	106	83-127	2	30
cis-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	98	96	84-117	2	30
Chloroform	N.D.	0.8	5.	ug/l	99	96	77-125	3	30
1,1,1-Trichloroethane	N.D.	0.8	5.	ug/l	92	91	83-127	1	30
Carbon Tetrachloride	N.D.	1.	5.	ug/l	88	87	77-130	1	30
Benzene	N.D.	0.5	5.	ug/l	102	101	78-119	1	30
1,2-Dichloroethane	N.D.	1.	5.	ug/l	102	103	69-135	1	30
Trichloroethene	N.D.	1.	5.	ug/l	95	93	87-117	1	30
1,2-Dichloropropane	N.D.	1.	5.	ug/l	109	106	80-117	2	30
Bromodichloromethane	N.D.	1.	5.	ug/l	99	100	83-121	0	30
Toluene	N.D.	0.7	5.	ug/l	105	105	85-115	0	30
1,1,2-Trichloroethane	N.D.	0.8	5.	ug/l	104	105	86-113	1	30
Tetrachloroethene	N.D.	0.8	5.	ug/l	89	90	76-118	1	30
Dibromochloromethane	N.D.	1.	5.	ug/l	101	101	78-119	0	30
Chlorobenzene	N.D.	0.8	5.	ug/l	100	100	85-115	0	30
Ethylbenzene	N.D.	0.8	5.	ug/l	104	104	82-119	0	30
m+p-Xylene	N.D.	0.8	5.	ug/l	100	101	83-113	1	30
o-Xylene	N.D.	0.8	5.	ug/l	103	102	83-113	1	30
Bromoform	N.D.	1.	5.	ug/l	83	87	69-118	4	30
1,1,2,2-Tetrachloroethane	N.D.	1.	5.	ug/l	113	113	72-119	1	30
1,3-Dichlorobenzene	N.D.	1.	5.	ug/l	99	97	81-114	2	30
1,4-Dichlorobenzene	N.D.	1.	5.	ug/l	98	98	84-116	0	30
1,2-Dichlorobenzene	N.D.	1.	5.	ug/l	98	97	81-112	1	30
trans-1,3-Dichloropropene	N.D.	1.	5.	ug/l	102	105	79-114	3	30
cis-1,3-Dichloropropene	N.D.	1.	5.	ug/l	98	98	78-114	0	30
Freon 113	N.D.	2.	10.	ug/l	83	80	66-125	4	30

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1053451
Reported: 09/10/07 at 03:15 PM

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 07240A53A	Sample number(s): 5139844 UNSPK: P139628								
TPH-GRO 8015B - water	108		63-154						
Batch number: 07241A34B	Sample number(s): 5139845 UNSPK: P136182								
TPH-GRO 8015B - soil	64	73	39-118	13	30				
Batch number: B072471AA	Sample number(s): 5139845 UNSPK: P140876								
Methyl Tertiary Butyl Ether	97	96	59-119	1	30				
di-Isopropyl ether	90	93	58-113	3	30				
Ethyl t-butyl ether	88	88	60-112	1	30				
t-Amyl methyl ether	84	87	63-112	3	30				
t-Butyl alcohol	75	88	51-134	15	30				
Chloromethane	91	92	38-115	1	30				
Vinyl Chloride	81	85	41-104	5	30				
Bromomethane	71	65	50-114	9	30				
Chloroethane	73	68	52-114	8	30				
Trichlorofluoromethane	81	81	39-122	0	30				
1,1-Dichloroethene	81	87	64-118	7	30				
Methylene Chloride	84	91	50-127	6	30				
trans-1,2-Dichloroethene	83	81	60-110	3	30				
1,1-Dichloroethane	92	89	65-115	3	30				
cis-1,2-Dichloroethene	76	80	67-110	6	30				
Chloroform	90	93	69-117	3	30				
1,1,1-Trichloroethane	85	89	64-118	5	30				
Carbon Tetrachloride	79	80	56-120	1	30				
Benzene	81	84	66-112	3	30				
1,2-Dichloroethane	103	107	62-130	4	30				
Trichloroethene	78	80	48-131	2	30				
1,2-Dichloropropane	89	91	64-112	2	30				
Bromodichloromethane	90	90	66-119	0	30				
Toluene	84	107	50-121	17	30				
1,1,2-Trichloroethane	94	91	64-118	3	30				
Tetrachloroethene	74	79	40-140	6	30				
Dibromochloromethane	89	93	67-113	4	30				
Chlorobenzene	77	81	58-109	5	30				
Ethylbenzene	85	95	54-116	10	30				
m+p-Xylene	84	98	52-117	14	30				
o-Xylene	86	96	52-117	9	30				
Bromoform	83	91	54-114	9	30				
1,1,2,2-Tetrachloroethane	95	102	37-142	7	30				
1,3-Dichlorobenzene	69	73	47-109	5	30				
1,4-Dichlorobenzene	71	75	47-109	5	30				
1,2-Dichlorobenzene	79	81	50-111	2	30				
Ethanol	109	96	35-148	14	30				
trans-1,3-Dichloropropene	84	92	60-110	8	30				
cis-1,3-Dichloropropene	82	83	56-112	0	30				
Freon 113	69	71	47-115	3	30				
Batch number: W072481AA	Sample number(s): 5139844 UNSPK: P139847								
Ethanol	121	109	32-164	10	30				
Methyl Tertiary Butyl Ether	119	101	69-127	14	30				
di-Isopropyl ether	151*	151*	68-129	0	30				
Ethyl t-butyl ether	129*	125*	78-119	3	30				
t-Amyl methyl ether	117	115	72-125	2	30				
t-Butyl alcohol	106	105	70-121	1	30				
Chloromethane	119	127	47-133	7	30				
Vinyl Chloride	115	115	55-130	0	30				

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1053451
Reported: 09/10/07 at 03:15 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Bromomethane	98	101	52-129	4	30				
Chloroethane	105	112	57-130	7	30				
Trichlorofluoromethane	110	110	67-150	0	30				
1,1-Dichloroethene	116	118	87-145	1	30				
Methylene Chloride	110	111	79-133	1	30				
trans-1,2-Dichloroethene	114	114	82-133	0	30				
1,1-Dichloroethane	132	133	85-135	1	30				
cis-1,2-Dichloroethene	110	110	83-126	0	30				
Chloroform	115	118	83-139	3	30				
1,1,1-Trichloroethane	112	115	81-142	2	30				
Carbon Tetrachloride	109	109	82-149	0	30				
Benzene	118	120	83-128	2	30				
1,2-Dichloroethane	123	123	70-143	0	30				
Trichloroethene	109	110	83-136	0	30				
1,2-Dichloropropane	129	129	83-129	1	30				
Bromodichloromethane	117	117	80-137	0	30				
Toluene	122	122	83-127	0	30				
1,1,2-Trichloroethane	115	113	77-125	2	30				
Tetrachloroethene	97	98	78-133	1	30				
Dibromochloromethane	109	110	82-119	1	30				
Chlorobenzene	113	113	83-120	0	30				
Ethylbenzene	121	122	82-129	1	30				
m+p-Xylene	116	117	82-130	1	30				
o-Xylene	116	118	82-130	1	30				
Bromoform	89	89	64-119	0	30				
1,1,2,2-Tetrachloroethane	127*	127*	73-121	0	30				
1,3-Dichlorobenzene	110	107	79-123	3	30				
1,4-Dichlorobenzene	108	107	81-122	1	30				
1,2-Dichlorobenzene	108	107	82-117	1	30				
trans-1,3-Dichloropropene	119	117	77-123	2	30				
cis-1,3-Dichloropropene	113	112	80-126	1	30				
Freon 113	107	106	78-146	1	30				

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: TPH-DRO by 8015B
Batch number: 072400025A

	Orthoterphenyl
5139845	94
Blank	94
LCS	106
LCSD	105
Limits:	59-129

Analysis Name: TPH-GRO 8015B - water

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1053451
Reported: 09/10/07 at 03:15 PM

Surrogate Quality Control

Batch number: 07240A53A

	Trifluorotoluene-F
5139844	82
Blank	82
LCS	85
LCSD	87
MS	87
Limits:	63-135

Analysis Name: TPH-DRO (Waters)
Batch number: 072410014A

	Orthoterphenyl
5139844	80
Blank	92
LCS	100
LCSD	102
Limits:	59-131

Analysis Name: TPH-GRO 8015B - soil
Batch number: 07241A34B

	Trifluorotoluene-F
5139845	88
Blank	100
LCS	100
MS	76
MSD	84
Limits:	61-122

Analysis Name: EPA SW846/8260 (soil)
Batch number: B072471AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5139845	101	95	92	90
Blank	96	92	92	88
LCS	95	93	97	97
MS	94	95	97	97
MSD	93	97	96	98
Limits:	71-114	70-109	70-123	70-111

Analysis Name: EPA SW846/8260 (water)
Batch number: W072481AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5139844	91	92	106	96
Blank	89	90	104	94
LCS	90	93	103	98
LCSD	88	90	104	97
MS	91	91	105	100
MSD	92	95	105	100
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1053451
Reported: 09/10/07 at 03:15 PM

Surrogate Quality Control

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

12258/1053451/
513984-45
082707-02

6602 Owens Drive, Suite 100
Pleasanton, CA 94588
Main Line: (925) 460-5300
Facsimile: (925) 463-2559

ATC ASSOCIATES INC.

CHAIN OF CUSTODY FORM

Project Name: 2C1128
Project Number: 34.75118.3168
Global I.D.:
Project Address: 4707 First St, Livermore CA
Laboratory: Lancaster Lab
Lab Address/Phone: Lancaster PA 717 656 2300
ATC Project Manager: Wayne Maxie
ATC PM Ph. No.: (925) ~~225-~~ 520 966 0028
ATC Sampler: J Flanectelt

Client: Cof
Task: 75001
Contact: Megan Moeller
Email: jwayne.maxie@atcassociates.com / @atc-enviro.com
Phone: (925) 225- 7510

Turnaround Time: (working days) __ 10 day; X 7 day; __ 5 day; __ 3 day; __ 2 day; __ 24 hr; __ 2-8 hr; __ other (____)

	Sample Information					Container Information				Analyses Requested																
			Matrix																							
ATC Sample ID	Date	Time	Soil	Water	Vapor	No.	Type	Preservative	Field Pt. I.D.- Check if same as Sample I.D.	TPHg/BTEX/MTBE (8015M/8021)	Confirm MTBE by GC/MS	Fuel Oxygenates (8260B)	TPHd (8015M) / TPH g	HVOCs ~~(8010)~~ 8260	SVOC's (8270)	VOCs (8260) BTEX	PP Metals (low detect) (7000/6010)	Cyanide, Total (335.2)	TPHg/BTEX/MTBE (8015M/8260B)	TPHg/BTEX/5 Fuel Oxy's (8260B)	TPHg/BTEX/5 Fuel Oxy's/1,2 DCA & EDB (8260B)	Ethanol 8260				
B2 U	8/23/07			X		14	VOA/LAG	Hcl/None				X	X	X		X						X				
B2 D-31'	↓		X			1	Sleeve					X	X	X		X						X				

Additional Comments: Eales 4880

EDF Format ☐

Relinquished By:	[signature]	Date/Time:	8/24/07 1650	Received By:	[signature]
Relinquished By:	[signature]	Date/Time:	8/27/07 1530	Received By:	[signature]
Relinquished By:		Date/Time:		Received By:	Rodney Binkley

Received Date/Time: 24-AUG07 1653; 8/27/07; 8-28-07/0920

Sample Condition. Good? Yes ✓ No __ On Ice? Yes ✓ No __ Cooler Temp 1.2°-4.9° Range Transportation Method: DHL

Page __ of __

White - Lab
Yellow - Lab

Lancaster Laboratories
Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per **ml**

< less than – The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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Lancaster Laboratories
2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

ANALYTICAL RESULTS

Prepared for:

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

602-452-2502

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 1053491. Samples arrived at the laboratory on Tuesday, August 28, 2007. The PO# for this group is 4508630951 and the release number is BOONE.

Client Description	Lancaster Labs Number
B-3d20.0 NA Soil	5140012
B-3 NA Water	5140013

ELECTRONIC COPY TO ATC Associates Attn: Anita Carrano

Lancaster Laboratories

Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax:717-656-2681 • www.lancasterlabs.com

Questions? Contact your Client Services Representative
Megan A Moeller at (717) 656-2300

Respectfully Submitted,

Melissa A McDermott

Melissa A. McDermott
Senior Chemist

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 •717-656-2300 Fax:717-656-2681• www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. SW 5140012

B-3d20.0 NA Soil
Site# 2611128 ATCE
4704 1st St-Livermore NA B-3

Collected:08/27/2007 10:15 by JF

Account Number: 12258

Submitted: 08/28/2007 09:35
Reported: 09/10/2007 at 15:43
Discard: 10/11/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

1S320

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
08270	TPH-DRO by 8015B	n.a.	N.D.	4.0	12.	mg/kg	1
01637	TPH-GRO 8015B - soil						
01641	TPH-GRO 8015B - soil	n.a.	N.D.	0.2	1.0	mg/kg	25
03983	EPA SW 846/8260 - Soil						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	0.005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	0.005	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	0.005	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	0.005	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	0.10	mg/kg	1
06089	Ethanol	64-17-5	N.D.	0.10	0.50	mg/kg	1
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.001	0.005	mg/kg	1
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.001	0.005	mg/kg	1
08199	Freon 113	76-13-1	N.D.	0.002	0.010	mg/kg	1
05441	EPA SW846/8260 (soil)						
05444	Chloromethane	74-87-3	N.D.	0.002	0.005	mg/kg	1
05445	Vinyl Chloride	75-01-4	N.D.	0.001	0.005	mg/kg	1
05446	Bromomethane	74-83-9	N.D.	0.002	0.005	mg/kg	1
05447	Chloroethane	75-00-3	N.D.	0.002	0.005	mg/kg	1
05448	Trichlorofluoromethane	75-69-4	N.D.	0.002	0.005	mg/kg	1
05449	1,1-Dichloroethene	75-35-4	N.D.	0.001	0.005	mg/kg	1
05450	Methylene Chloride	75-09-2	0.005	0.002	0.005	mg/kg	1
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.001	0.005	mg/kg	1
05452	1,1-Dichloroethane	75-34-3	N.D.	0.001	0.005	mg/kg	1
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.001	0.005	mg/kg	1
05455	Chloroform	67-66-3	N.D.	0.001	0.005	mg/kg	1
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.001	0.005	mg/kg	1
05458	Carbon Tetrachloride	56-23-5	N.D.	0.001	0.005	mg/kg	1
05460	Benzene	71-43-2	0.0006 J	0.0005	0.005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.005	mg/kg	1
05462	Trichloroethene	79-01-6	N.D.	0.001	0.005	mg/kg	1
05463	1,2-Dichloropropane	78-87-5	N.D.	0.001	0.005	mg/kg	1
05465	Bromodichloromethane	75-27-4	N.D.	0.001	0.005	mg/kg	1
05466	Toluene	108-88-3	0.009	0.001	0.005	mg/kg	1
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.001	0.005	mg/kg	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. SW 5140012

B-3d20.0 NA Soil
Site# 2611128 ATCE
4704 1st St-Livermore NA B-3

Collected:08/27/2007 10:15 by JF

Account Number: 12258

Submitted: 08/28/2007 09:35
Reported: 09/10/2007 at 15:43
Discard: 10/11/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

1S320

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05468	Tetrachloroethene	127-18-4	N.D.		0.001	0.005	mg/kg	1
05470	Dibromochloromethane	124-48-1	N.D.		0.001	0.005	mg/kg	1
05472	Chlorobenzene	108-90-7	N.D.		0.001	0.005	mg/kg	1
05474	Ethylbenzene	100-41-4	0.002	J	0.001	0.005	mg/kg	1
05475	m+p-Xylene	1330-20-7	0.006		0.001	0.005	mg/kg	1
05476	o-Xylene	95-47-6	0.002	J	0.001	0.005	mg/kg	1
05478	Bromoform	75-25-2	N.D.		0.001	0.005	mg/kg	1
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.001	0.005	mg/kg	1
05491	1,3-Dichlorobenzene	541-73-1	N.D.		0.001	0.005	mg/kg	1
05492	1,4-Dichlorobenzene	106-46-7	N.D.		0.001	0.005	mg/kg	1
05494	1,2-Dichlorobenzene	95-50-1	N.D.		0.001	0.005	mg/kg	1

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08270	TPH-DRO by 8015B	SW-846 8015B	1	09/01/2007 19:28	Gordon A Lodde	1
01637	TPH-GRO 8015B - soil	SW-846 8015B modified	1	08/30/2007 13:37	Linda C Pape	25
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	09/04/2007 17:16	Nicholas R Rossi	1
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	09/04/2007 17:16	Nicholas R Rossi	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	09/04/2007 11:40	Nicholas R Rossi	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	1	08/28/2007 22:07	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	08/31/2007 06:00	Tracy L Schickel	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW 5140013

B-3 NA Water
Site# 2611128 ATCE
4704 1st St-Livermore NA B-3

Collected:08/27/2007 10:40 by JF

Account Number: 12258

Submitted: 08/28/2007 09:35
Reported: 09/10/2007 at 15:43
Discard: 10/11/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

1SL03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05553	TPH-DRO (Waters)	n.a.	6,300.	290.	1,000.	ug/l	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.						
01635	TPH-GRO 8015B - water						
01639	TPH-GRO 8015B - water	n.a.	N.D.	20.	50.	ug/l	1
05382	EPA SW846/8260 (water)						
05385	Chloromethane	74-87-3	N.D.	1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	5.	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.	2.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	5.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	5.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.	0.8	5.	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	5.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	5.	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.	1.	5.	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.	1.	5.	ug/l	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW 5140013

B-3 NA Water
Site# 2611128 ATCE
4704 1st St-Livermore NA B-3

Collected:08/27/2007 10:40 by JF

Account Number: 12258

Submitted: 08/28/2007 09:35
Reported: 09/10/2007 at 15:43
Discard: 10/11/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

1SL03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.	5.	ug/l	1
08202	EPA SW 846/8260 - Water						
01587	Ethanol	64-17-5	N.D.	50.	250.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	5.	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.8	5.	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.8	5.	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.8	5.	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	10.	80.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	5.	ug/l	1
08203	Freon 113	76-13-1	N.D.	2.	10.	ug/l	1

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
05553	TPH-DRO (Waters)	SW-846 8015B	1	08/31/2007 23:23	Gordon A Lodde	1
01635	TPH-GRO 8015B - water	SW-846 8015B modified	1	08/29/2007 05:25	Martha L Seidel	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	09/05/2007 10:02	Stephanie A Selis	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	09/05/2007 10:02	Stephanie A Selis	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/29/2007 05:25	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/05/2007 10:02	Stephanie A Selis	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	08/29/2007 19:15	Mitchell B Crawford	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1053491
Reported: 09/10/07 at 03:43 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 07240A53A	Sample number(s): 5140013								
TPH-GRO 8015B - water	N.D.	20.	50.	ug/l	90	101	75-135	12	30
Batch number: 072410014A	Sample number(s): 5140013								
TPH-DRO (Waters)	N.D.	29.	100.	ug/l	85	86	63-119	1	20
Batch number: 07241A31A	Sample number(s): 5140012								
TPH-GRO 8015B - soil	N.D.	0.2	1.0	mg/kg	102		67-119		
Batch number: 072420016A	Sample number(s): 5140012								
TPH-DRO by 8015B	N.D.	4.0	12.	mg/kg	87	89	71-109	2	20
Batch number: B072471AA	Sample number(s): 5140012								
Methyl Tertiary Butyl Ether	N.D.	0.0005	0.005	mg/kg	113		72-117		
di-Isopropyl ether	N.D.	0.001	0.005	mg/kg	106		72-120		
Ethyl t-butyl ether	N.D.	0.001	0.005	mg/kg	101		72-115		
t-Amyl methyl ether	N.D.	0.001	0.005	mg/kg	100		73-116		
t-Butyl alcohol	N.D.	0.020	0.10	mg/kg	91		59-154		
Chloromethane	N.D.	0.002	0.005	mg/kg	112		44-115		
Vinyl Chloride	N.D.	0.001	0.005	mg/kg	104		52-111		
Bromomethane	N.D.	0.002	0.005	mg/kg	78		53-124		
Chloroethane	N.D.	0.002	0.005	mg/kg	85		63-120		
Trichlorofluoromethane	N.D.	0.002	0.005	mg/kg	98		58-125		
1,1-Dichloroethene	N.D.	0.001	0.005	mg/kg	108		83-121		
Methylene Chloride	N.D.	0.002	0.005	mg/kg	116		75-120		
trans-1,2-Dichloroethene	N.D.	0.001	0.005	mg/kg	100		84-116		
1,1-Dichloroethane	N.D.	0.001	0.005	mg/kg	109		82-116		
cis-1,2-Dichloroethene	N.D.	0.001	0.005	mg/kg	102		84-113		
Chloroform	N.D.	0.001	0.005	mg/kg	107		81-117		
1,1,1-Trichloroethane	N.D.	0.001	0.005	mg/kg	102		74-127		
Carbon Tetrachloride	N.D.	0.001	0.005	mg/kg	100		76-122		
Benzene	N.D.	0.0005	0.005	mg/kg	102		84-115		
1,2-Dichloroethane	N.D.	0.001	0.005	mg/kg	121		76-126		
Trichloroethene	N.D.	0.001	0.005	mg/kg	100		81-114		
1,2-Dichloropropane	N.D.	0.001	0.005	mg/kg	103		78-119		
Bromodichloromethane	N.D.	0.001	0.005	mg/kg	104		77-116		
Toluene	N.D.	0.001	0.005	mg/kg	103		81-116		
1,1,2-Trichloroethane	N.D.	0.001	0.005	mg/kg	101		81-112		
Tetrachloroethene	N.D.	0.001	0.005	mg/kg	97		77-120		
Dibromochloromethane	N.D.	0.001	0.005	mg/kg	101		80-113		
Chlorobenzene	N.D.	0.001	0.005	mg/kg	97		81-112		
Ethylbenzene	N.D.	0.001	0.005	mg/kg	102		82-115		
m+p-Xylene	N.D.	0.001	0.005	mg/kg	100		82-117		
o-Xylene	N.D.	0.001	0.005	mg/kg	101		82-117		
Bromoform	N.D.	0.001	0.005	mg/kg	101		63-120		
1,1,2,2-Tetrachloroethane	N.D.	0.001	0.005	mg/kg	114		64-121		
1,3-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	98		76-112		

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1053491
Reported: 09/10/07 at 03:43 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
1,4-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	98		78-108		
1,2-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	109		81-109		
Ethanol	N.D.	0.10	0.50	mg/kg	100		48-149		
trans-1,3-Dichloropropene	N.D.	0.001	0.005	mg/kg	106		79-112		
cis-1,3-Dichloropropene	N.D.	0.001	0.005	mg/kg	98		80-111		
Freon 113	N.D.	0.002	0.010	mg/kg	87		68-121		
Batch number: W072481AA	Sample number(s): 5140013								
Ethanol	N.D.	50.	250.	ug/l	96	102	31-166	7	30
Methyl Tertiary Butyl Ether	N.D.	0.5	5.	ug/l	100	97	73-119	2	30
di-Isopropyl ether	N.D.	0.8	5.	ug/l	122	122	70-123	0	30
Ethyl t-butyl ether	N.D.	0.8	5.	ug/l	106	108	74-120	1	30
t-Amyl methyl ether	N.D.	0.8	5.	ug/l	100	100	79-113	0	30
t-Butyl alcohol	N.D.	10.	80.	ug/l	97	93	74-117	4	30
Chloromethane	N.D.	1.	5.	ug/l	88	84	47-122	5	30
Vinyl Chloride	N.D.	1.	5.	ug/l	86	86	54-123	1	30
Bromomethane	N.D.	1.	5.	ug/l	81	78	49-117	4	30
Chloroethane	N.D.	1.	5.	ug/l	85	83	54-117	2	30
Trichlorofluoromethane	N.D.	2.	5.	ug/l	80	80	59-128	0	30
1,1-Dichloroethene	N.D.	0.8	5.	ug/l	99	98	76-122	1	30
Methylene Chloride	N.D.	2.	5.	ug/l	102	100	85-120	2	30
trans-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	100	98	83-117	2	30
1,1-Dichloroethane	N.D.	1.	5.	ug/l	109	106	83-127	2	30
cis-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	98	96	84-117	2	30
Chloroform	N.D.	0.8	5.	ug/l	99	96	77-125	3	30
1,1,1-Trichloroethane	N.D.	0.8	5.	ug/l	92	91	83-127	1	30
Carbon Tetrachloride	N.D.	1.	5.	ug/l	88	87	77-130	1	30
Benzene	N.D.	0.5	5.	ug/l	102	101	78-119	1	30
1,2-Dichloroethane	N.D.	1.	5.	ug/l	102	103	69-135	1	30
Trichloroethene	N.D.	1.	5.	ug/l	95	93	87-117	1	30
1,2-Dichloropropane	N.D.	1.	5.	ug/l	109	106	80-117	2	30
Bromodichloromethane	N.D.	1.	5.	ug/l	99	100	83-121	0	30
Toluene	N.D.	0.7	5.	ug/l	105	105	85-115	0	30
1,1,2-Trichloroethane	N.D.	0.8	5.	ug/l	104	105	86-113	1	30
Tetrachloroethene	N.D.	0.8	5.	ug/l	89	90	76-118	1	30
Dibromochloromethane	N.D.	1.	5.	ug/l	101	101	78-119	0	30
Chlorobenzene	N.D.	0.8	5.	ug/l	100	100	85-115	0	30
Ethylbenzene	N.D.	0.8	5.	ug/l	104	104	82-119	0	30
m+p-Xylene	N.D.	0.8	5.	ug/l	100	101	83-113	1	30
o-Xylene	N.D.	0.8	5.	ug/l	103	102	83-113	1	30
Bromoform	N.D.	1.	5.	ug/l	83	87	69-118	4	30
1,1,2,2-Tetrachloroethane	N.D.	1.	5.	ug/l	113	113	72-119	1	30
1,3-Dichlorobenzene	N.D.	1.	5.	ug/l	99	97	81-114	2	30
1,4-Dichlorobenzene	N.D.	1.	5.	ug/l	98	98	84-116	0	30
1,2-Dichlorobenzene	N.D.	1.	5.	ug/l	98	97	81-112	1	30
trans-1,3-Dichloropropene	N.D.	1.	5.	ug/l	102	105	79-114	3	30
cis-1,3-Dichloropropene	N.D.	1.	5.	ug/l	98	98	78-114	0	30
Freon 113	N.D.	2.	10.	ug/l	83	80	66-125	4	30

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1053491
Reported: 09/10/07 at 03:43 PM

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 07240A53A	Sample number(s): 5140013 UNSPK: P139628								
TPH-GRO 8015B - water	108		63-154						
Batch number: 07241A31A	Sample number(s): 5140012 UNSPK: P126358								
TPH-GRO 8015B - soil	52	67	39-118	24	30				
Batch number: B072471AA	Sample number(s): 5140012 UNSPK: P140876								
Methyl Tertiary Butyl Ether	97	96	59-119	1	30				
di-Isopropyl ether	90	93	58-113	3	30				
Ethyl t-butyl ether	88	88	60-112	1	30				
t-Amyl methyl ether	84	87	63-112	3	30				
t-Butyl alcohol	75	88	51-134	15	30				
Chloromethane	91	92	38-115	1	30				
Vinyl Chloride	81	85	41-104	5	30				
Bromomethane	71	65	50-114	9	30				
Chloroethane	73	68	52-114	8	30				
Trichlorofluoromethane	81	81	39-122	0	30				
1,1-Dichloroethene	81	87	64-118	7	30				
Methylene Chloride	84	91	50-127	6	30				
trans-1,2-Dichloroethene	83	81	60-110	3	30				
1,1-Dichloroethane	92	89	65-115	3	30				
cis-1,2-Dichloroethene	76	80	67-110	6	30				
Chloroform	90	93	69-117	3	30				
1,1,1-Trichloroethane	85	89	64-118	5	30				
Carbon Tetrachloride	79	80	56-120	1	30				
Benzene	81	84	66-112	3	30				
1,2-Dichloroethane	103	107	62-130	4	30				
Trichloroethene	78	80	48-131	2	30				
1,2-Dichloropropane	89	91	64-112	2	30				
Bromodichloromethane	90	90	66-119	0	30				
Toluene	84	107	50-121	17	30				
1,1,2-Trichloroethane	94	91	64-118	3	30				
Tetrachloroethene	74	79	40-140	6	30				
Dibromochloromethane	89	93	67-113	4	30				
Chlorobenzene	77	81	58-109	5	30				
Ethylbenzene	85	95	54-116	10	30				
m+p-Xylene	84	98	52-117	14	30				
o-Xylene	86	96	52-117	9	30				
Bromoform	83	91	54-114	9	30				
1,1,2,2-Tetrachloroethane	95	102	37-142	7	30				
1,3-Dichlorobenzene	69	73	47-109	5	30				
1,4-Dichlorobenzene	71	75	47-109	5	30				
1,2-Dichlorobenzene	79	81	50-111	2	30				
Ethanol	109	96	35-148	14	30				
trans-1,3-Dichloropropene	84	92	60-110	8	30				
cis-1,3-Dichloropropene	82	83	56-112	0	30				
Freon 113	69	71	47-115	3	30				
Batch number: W072481AA	Sample number(s): 5140013 UNSPK: P139847								
Ethanol	121	109	32-164	10	30				
Methyl Tertiary Butyl Ether	119	101	69-127	14	30				
di-Isopropyl ether	151*	151*	68-129	0	30				
Ethyl t-butyl ether	129*	125*	78-119	3	30				
t-Amyl methyl ether	117	115	72-125	2	30				
t-Butyl alcohol	106	105	70-121	1	30				
Chloromethane	119	127	47-133	7	30				
Vinyl Chloride	115	115	55-130	0	30				

*- Outside of specification

**-This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1053491
Reported: 09/10/07 at 03:43 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Bromomethane	98	101	52-129	4	30				
Chloroethane	105	112	57-130	7	30				
Trichlorofluoromethane	110	110	67-150	0	30				
1,1-Dichloroethene	116	118	87-145	1	30				
Methylene Chloride	110	111	79-133	1	30				
trans-1,2-Dichloroethene	114	114	82-133	0	30				
1,1-Dichloroethane	132	133	85-135	1	30				
cis-1,2-Dichloroethene	110	110	83-126	0	30				
Chloroform	115	118	83-139	3	30				
1,1,1-Trichloroethane	112	115	81-142	2	30				
Carbon Tetrachloride	109	109	82-149	0	30				
Benzene	118	120	83-128	2	30				
1,2-Dichloroethane	123	123	70-143	0	30				
Trichloroethene	109	110	83-136	0	30				
1,2-Dichloropropane	129	129	83-129	1	30				
Bromodichloromethane	117	117	80-137	0	30				
Toluene	122	122	83-127	0	30				
1,1,2-Trichloroethane	115	113	77-125	2	30				
Tetrachloroethene	97	98	78-133	1	30				
Dibromochloromethane	109	110	82-119	1	30				
Chlorobenzene	113	113	83-120	0	30				
Ethylbenzene	121	122	82-129	1	30				
m+p-Xylene	116	117	82-130	1	30				
o-Xylene	116	118	82-130	1	30				
Bromoform	89	89	64-119	0	30				
1,1,2,2-Tetrachloroethane	127*	127*	73-121	0	30				
1,3-Dichlorobenzene	110	107	79-123	3	30				
1,4-Dichlorobenzene	108	107	81-122	1	30				
1,2-Dichlorobenzene	108	107	82-117	1	30				
trans-1,3-Dichloropropene	119	117	77-123	2	30				
cis-1,3-Dichloropropene	113	112	80-126	1	30				
Freon 113	107	106	78-146	1	30				

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: TPH-GRO 8015B - water
Batch number: 07240A53A

	Trifluorotoluene-F
5140013	83
Blank	82
LCS	85
LCSD	87
MS	87
Limits:	63-135

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips
Group Number: 1053491
Reported: 09/10/07 at 03:43 PM

Surrogate Quality Control

Analysis Name: TPH-DRO (Waters)
Batch number: 072410014A

	Orthoterphenyl
5140013	81
Blank	92
LCS	100
LCSD	102
Limits:	59-131

Analysis Name: TPH-GRO 8015B - soil
Batch number: 07241A31A

	Trifluorotoluene-F
5140012	98
Blank	113
LCS	115
MS	72
MSD	84
Limits:	61-122

Analysis Name: TPH-DRO by 8015B
Batch number: 072420016A

	Orthoterphenyl
5140012	96
Blank	96
LCS	109
LCSD	111
Limits:	59-129

Analysis Name: EPA SW846/8260 (soil)
Batch number: B072471AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5140012	98	95	92	89
Blank	96	92	92	88
LCS	95	93	97	97
MS	94	95	97	97
MSD	93	97	96	98
Limits:	71-114	70-109	70-123	70-111

Analysis Name: EPA SW846/8260 (water)
Batch number: W072481AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5140013	92	93	106	97
Blank	89	90	104	94
LCS	90	93	103	98
LCSD	88	90	104	97
MS	91	91	105	100
MSD	92	95	105	100
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification
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(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1053491
Reported: 09/10/07 at 03:43 PM

Surrogate Quality Control

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

acct# 122558 Cap# 1053491 Sample# 5140012-13

ATC ASSOCIATES INC.
6602 Owens Drive, Suite 100
Pleasanton, CA 94588
Main Line: (925) 460-5300
Facsimile: (925) 463-2559

CHAIN OF CUSTODY FORM

Turnaround Time: (working days) ___ 10 day ___ 3 day ___ 2-8 hr; X 7 day ___ 2 day ___ other; ___ 5 day ___ 24 hr ( )

Project Name: 261128
Project Number: 34.75118.3166
Global I.D.:
Project Address: 4707 1st St. Livermore CA
Laboratory: Lancaster Labs
Lab Address/Phone: Lancaster PA 717 656 2300
ATC Project Manager: Wayne Maxie jwayne.maxie@atcassociates.com
ATC PM Ph. No.: (925) 225-5206 00 28 Email: @atc-enviro.com
ATC Sampler: JF
Client: Cor
Task: 75001
Contact: Megan Moeller
Phone: (925) 225-7810

ATC Sample ID	Sample Information: Date	Time	Matrix: Soil	Water	Vapor	Container Information: No.	Type	Preservative	Field Pt. I.D.- Check if same as Sample I.D.	TPHg/BTEX/MTBE (8015M/8021)	Analyses Requested: Confirm MTBE by GCMS	Fuel Oxygenates (8260B)	TPHd (8015M)/TPH-g	HVOCs (8040) 8260	SVOC's (8270)	VOCs (8260) BTEX	PP Metals (low detect) (7000/6010)	Cyanide, Total (335.2)	TPHg/BTEX/MTBE (8015M/8260B)	TPHg/BTEX/5 Fuel Oxy's (8260B)	TPHg/BTEX/5 Fuel Oxy's/1,2 DCA & EDB (8260B)	Ethanol 8260		
B-3-D-20'	8/27/07	1015	X			1	liner					X	X	X		X						X		
B-3 G		1040		X		8	VOA/LAG	HCl				X	X	X		X						X		

Additional Comments: Labs # 4880

EDF Format ☐

Relinquished By: [signature] Date/Time: 8/27/07 1550 Received By: [signature] Date/Time: 8-27-07 15:55
Relinquished By: Date/Time: Received By: Date/Time:
Relinquished By: Date/Time: Received By: Kathy Bink Date/Time: 8-28-07 0935

Sample Condition. Good? Yes ✓ No ___ On Ice? Yes ✓ No ___ Cooler Temp 2 ° Transportation Method: Fedex

Page ___ of ___

White - Lab Yellow - Lab

Lancaster Laboratories
Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< less than – The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

WARRANTY AND LIMITS OF LIABILITY – In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions of Lancaster Laboratories and we hereby object to any conflicting terms contained in any acceptance or order submitted by client.

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

ANALYTICAL RESULTS

Prepared for:

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

602-452-2502

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 1053747. Samples arrived at the laboratory on Wednesday, August 29, 2007. The PO# for this group is 4508630951 and the release number is BOONE.

Client Description	Lancaster Labs Number
B-1d30.0 NA Soil	5141050
B-4d21.0 NA Soil	5141051
B-6d19.0 NA Soil	5141052

ELECTRONIC COPY TO ATC Associates Attn: Anita Carrano

Lancaster Laboratories

Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Questions? Contact your Client Services Representative
Megan A Moeller at (717) 656-2300

Respectfully Submitted,

Robert Strocko Jr.
Manager

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. SW 5141050

B-1d30.0 NA Soil
Site# 2611128 ATCE
4707 1st St-Livermore, CA NA B-1

Collected:08/21/2007 16:10 by JF

Account Number: 12258

Submitted: 08/29/2007 16:40
Reported: 09/10/2007 at 15:53
Discard: 10/11/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
06955	Lead	7439-92-1	6.20	0.485	1.49	mg/kg	1

This sample was originally submitted to the laboratory on 08/23/07 at 11:20. We received authorization for further testing on 08/29/07.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06955	Lead	SW-846 6010B	1	09/08/2007 20:43	John P Hook	1
05708	SW SW846 ICP Digest	SW-846 3050B	1	09/06/2007 19:10	Annamaria Stipkovits	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. SW 5141051

B-4d21.0 NA Soil
Site# 2611128 ATCE
4707 1st St-Livermore, CA NA B-4

Collected:08/22/2007 14:30 by JF

Account Number: 12258

Submitted: 08/29/2007 16:40
Reported: 09/10/2007 at 15:53
Discard: 10/11/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
06955	Lead	7439-92-1	5.15	0.471	1.44	mg/kg	1

This sample was originally submitted to the laboratory on 08/23/07 at 11:20. We received authorization for further testing on 08/29/07.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06955	Lead	SW-846 6010B	1	09/08/2007 20:47	John P Hook	1
05708	SW SW846 ICP Digest	SW-846 3050B	1	09/06/2007 19:10	Annamaria Stipkovits	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. SW 5141052

B-6d19.0 NA Soil
Site# 2611128 ATCE
4707 1st St-Livermore, CA NA B-6

Collected:08/22/2007 10:10 by JF

Account Number: 12258

Submitted: 08/29/2007 16:40
Reported: 09/10/2007 at 15:53
Discard: 10/11/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
06955	Lead	7439-92-1	2.68	0.471	1.44	mg/kg	1

This sample was originally submitted to the laboratory on 08/23/07 at 11:20. We received authorization for further testing on 08/29/07.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06955	Lead	SW-846 6010B	1	09/08/2007 20:58	John P Hook	1
05708	SW SW846 ICP Digest	SW-846 3050B	1	09/06/2007 19:10	Annamaria Stipkovits	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1053747
Reported: 09/10/07 at 03:53 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 072495708001	Sample number(s): 5141050-5141052								
Lead	N.D.	0.490	1.50	mg/kg	95		91-109		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 072495708001	Sample number(s): 5141050-5141052 UNSPK: P146310 BKG: P146310								
Lead	-72 (2)	772 (2)	75-125	22*	20	425.	539.	24*	20

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Acct# 12258 Grp# ~~1052937~~ 1053747 Sample# ~~5130464-70~~ 5141051-52

ATC ASSOCIATES INC.
6602 Owens Drive, Suite 100
Pleasanton, CA 94588
Main Line: (925) 460-5300
Facsimile: (925) 463-2559

CHAIN OF CUSTODY FORM

Turnaround Time: (working days) __ 10 day __ 3 day __ 2-8 hr X 7 day __ 2 day __ other __ 5 day __ 24 hr ( )

Project Name: 261128 Client: COP
Project Number: 34.75118.3166 Task: 75001
Global I.D.:
Project Address: 4707 First St, Livermore CA
Laboratory: Lancaster Labs Contact: Megan Mueller
Lab Address/Phone: Lancaster PA 717 656 2300
ATC Project Manager: Wayne Morris jwayne.morris@atcassociates.com
ATC PM Ph. No.: ~~(925) 225~~ 520 966 0025 Email: @atc-enviro.com
ATC Sampler: J Flanecfelt Phone: (925) 225-7816

ATC Sample ID	Date	Time	Matrix: Soil	Matrix: Water	Matrix: Vapor	No.	Type	Preservative	Field Pt. I.D.- Check if same as Sample I.D.	TPHg/BTEX/MTBE (8015M/8021)	Confirm MTBE by GCMS	Fuel Oxygenates (8260B)	TPHd (8015M) / TPHg	HVOCs (8040) 8260	SVOC's (8270)	VOCs (8260) BTEX	PP Metals (low detect) (7000/6010)	Cyanide, Total (335.2)	TPHg/BTEX/MTBE (8015M/8260B)	TPHg/BTEX/5 Fuel Oxy's (8260B)	TPHg/BTEX/5 Fuel Oxy's/1,2 DCA & EDB (8260B)	Ethanol 8260		
B-1 W	8/21/07	1145		X		8	VOA/LAG	HCl				X	X	X		X						X		
B-1 0-30'	↓	1610	X			1	Sleeve					X	X	X		X						X		
B-4 W	8/22/07	1440		X		8	VOA/LAG	HCl				X	X	X		X						X		
B-4 0-21'	↓	1430	X			1	Sleeve					X	X	X		X						X		
B-6 W	↓	1025		X		8	VOA/LAG	HCl				X	X	X		X						X		
B-6 0-19'	↓	1010	X			1	Sleeve					X	X	X		X						X		
Duplicate B-4	↓	1450		X		8	VOA/LAG	HCl				X	X	X		X						X		

Additional Comments: Ethanol → 8260

EDF Format ☐

Relinquished By:	[signature]	Date/Time:	8/22/07 1615	Received By:	[signature]	Date/Time: 4:15 8/22/07
Relinquished By:		Date/Time:		Received By:		Date/Time:
Relinquished By:		Date/Time:		Received By:	[signature]	Date/Time: 8/23/07 1020

Sample Condition. Good? Yes ✓ No __ On Ice? Yes ✓ No __ Cooler Temp __ Transportation Method:

Page __ of __

White - Lab Yellow - Lab

Lancaster Laboratories
Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< less than – The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

ANALYTICAL RESULTS

Prepared for:

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

602-452-2502

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 1053756. Samples arrived at the laboratory on Wednesday, August 29, 2007. The PO# for this group is 4508630951 and the release number is BOONE.

Client Description	Lancaster Labs Number
B-2d31.0 NA Soil	5141080

ELECTRONIC COPY TO ATC Associates Attn: Anita Carrano

Questions? Contact your Client Services Representative
Megan A Moeller at (717) 656-2300

Respectfully Submitted,

Robert Strocko Jr.
Manager

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 5141080

B-2d31.0 NA Soil
Site# 2611128 ATCE
4707 1st St-Livermore, CA NA B-2

Collected:08/23/2007 00:00 by JF

Account Number: 12258

Submitted: 08/29/2007 18:00
Reported: 09/10/2007 at 15:52
Discard: 10/11/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
06955	Lead	7439-92-1	5.43	0.480	1.47	mg/kg	1

State of California Lab Certification No. 2116
This sample was originally submitted to the laboratory on 08/28/07 at 09:20. We received authorization for further testing on 08/29/07.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06955	Lead	SW-846 6010B	1	09/08/2007 21:09	John P Hook	1
05708	SW SW846 ICP Digest	SW-846 3050B	1	09/06/2007 19:10	Annamaria Stipkovits	1

*=This limit was used in the evaluation of the final result

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1053756
Reported: 09/10/07 at 03:52 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 072495708001	Sample number(s): 5141080								
Lead	N.D.	0.490	1.50	mg/kg	95		91-109		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 072495708001	Sample number(s): 5141080 UNSPK: P146310 BKG: P146310								
Lead	-72 (2)	772 (2)	75-125	22*	20	425.	539.	24*	20

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

1053756 # 5141080

ATC ASSOCIATES INC.

6602 Owens Drive, Suite 100
Pleasanton, CA 94588
Main Line: (925) 460-5300
Facsimile: (925) 463-2559

12258/~~1053451~~/
~~5139844-45~~
082707-02

CHAIN OF CUSTODY FORM

Turnaround Time: (working days) __ 10 day X 7 day __ 5 day __ 3 day __ 2 day __ 24 hr __ 2-8 hr __ other (____)

Project Name: 261128 Client: COP
Project Number: 34.75118.3166 Task: 75001
Global I.D.:
Project Address: 4707 First St, Livermore CA
Laboratory: Lancaster Lab Contact: Megan Moeller
Lab Address/Phone: Lancaster PA 717 656 2300
ATC Project Manager: Wayne Maxie wayne.maxie@atcassociates.com
ATC PM Ph. No.: ~~(925) 225-~~ 520 966 0028 Email: @atc-enviro.com
ATC Sampler: J Flaxcroft Phone: (925) 225-7510

ATC Sample ID	Sample Information: Date	Time	Matrix: Soil	Water	Vapor	Container Information: No.	Type	Preservative	Field Pt. I.D.- Check if same as Sample I.D.	TPHg/BTEX/MTBE (8015M/8021)	Confirm MTBE by GC/MS	Fuel Oxygenates (8260B)	TPHd (8015M) / TPH g	HVOCs (8010) 8260	SVOC's (8270)	VOCs (8260) BTEX	PP Metals (low detect) (7000/6010)	Cyanide, Total (335.2)	TPHg/BTEX/MTBE (8015M/8260B)	TPHg/BTEX/5 Fuel Oxy's (8260B)	TPHg/BTEX/5 Fuel Oxy's/1,2 DCA & EDB (8260B)	Ethanol 8260		
B-2 W	8/23/07			X		19	Vial/LAG	HCl/None				X	X	X		X						X		
B-2 D-31'	↓		X			1	Sleeve					X	X	X		X						X		

Additional Comments: Extras 4880

EDF Format ☐

	Date/Time	Received By	Date/Time
Relinquished By: [signature]	8/24/07 1650	[signature]	24-AUG07 1653
Relinquished By: [signature]	8/27/07 1550	[signature]	8/27/07
Relinquished By:		Kathy Binkley	8-28-07/0920

Sample Condition. Good? Yes ✓ No __ On Ice? Yes ✓ No __ Cooler Temp 1.2°-4.9° Range Transportation Method: DHL

Page __ of __

White - Lab Yellow - Lab

Lancaster Laboratories
Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< less than – The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

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2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

ANALYTICAL RESULTS

Prepared for:

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

602-452-2502

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 1053755. Samples arrived at the laboratory on Wednesday, August 29, 2007. The PO# for this group is 4508630951 and the release number is BOONE.

Client Description	Lancaster Labs Number
B-3d20.0 NA Soil	5141079

ELECTRONIC COPY TO ATC Associates Attn: Anita Carrano

Questions? Contact your Client Services Representative
Megan A Moeller at (717) 656-2300

Respectfully Submitted,

Robert Strocko Jr.
Manager

Lancaster Laboratories

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Analysis Report

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Analysis Report

Lancaster Laboratories Sample No. SW 5141079

B-3d20.0 NA Soil
Site# 2611128 ATCE
4707 1st St-Livermore, CA NA B-3

Collected:08/27/2007 10:15 by JF

Account Number: 12258

Submitted: 08/29/2007 18:00
Reported: 09/10/2007 at 15:51
Discard: 10/11/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
06955	Lead	7439-92-1	4.99	0.485	1.49	mg/kg	1

State of California Lab Certification No. 2116
This sample was originally submitted to the laboratory on 08/28/07 at 09:35. We received authorization for further testing on 08/29/07.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06955	Lead	SW-846 6010B	1	09/08/2007 21:05	John P Hook	1
05708	SW SW846 ICP Digest	SW-846 3050B	1	09/06/2007 19:10	Annamaria Stipkovits	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1053755
Reported: 09/10/07 at 03:51 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 072495708001	Sample number(s): 5141079								
Lead	N.D.	0.490	1.50	mg/kg	95		91-109		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 072495708001	Sample number(s): 5141079 UNSPK: P146310 BKG: P146310								
Lead	-72 (2)	772 (2)	75-125	22*	20	425.	539.	24*	20

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

ATC ASSOCIATES INC.

6602 Owens Drive, Suite 100
Pleasanton, CA 94588
Main Line: (925) 460-5300
Facsimile: (925) 463-2559

12258
1058755
5141079

CHAIN OF CUSTODY FORM

Turnaround Time: (working days) _ 10 day X 7 day _ 5 day _ 3 day _ 2 day _ 24 hr _ 2-8 hr _ other (____)

Project Name: 261128
Project Number: 34.75118.3166
Client: CCF
Task: 75001
Global I.D.:
Project Address: 4707 1st St. Livermore CA
Laboratory: Lancaster Labs
Contact: Megan Mueller
Lab Address/Phone: Lancaster PA 717 656 2300
ATC Project Manager: Wayne Maxie jwayne.maxie@atcassociates.com
ATC PM Ph. No.: ~~(925) 225-~~ 510 706 0028
Email: @atc-enviro.com
ATC Sampler: JF
Phone: (925) 225-7310

ATC Sample ID	Sample Information: Date	Time	Matrix: Soil	Water	Vapor	Container Information: No.	Type	Preservative	Field Pt. I.D.- Check if same as Sample I.D.	TPHg/BTEX/MTBE (8015M/8021)	Confirm MTBE by GC/MS	Fuel Oxygenates (8260B)	TPHd (8015M)/TPH-g	HVOCs (8010) 8260	SVOC's (8270)	VOCs (8260) BTEX	PP Metals (low detect) (7000/6010)	Cyanide, Total (335.2)	TPHg/BTEX/MTBE (8015M/8260B)	TPHg/BTEX/5 Fuel Oxy's (8260B)	TPHg/BTEX/5 Fuel Oxy's/1,2 DCA & EDB (8260B)	Ethanol 8260		
B-3 D-20'	8/27/07	1015	X			1	liner					X	X	X		X						X		
B-3 G		1040		X		8	VOA/Amb	HCl/				X	X	X		X						X		

Additional Comments: FedEx # 4880

EDF Format ☐

Relinquished By: [signature] Date/Time: 8/27/07 1550 Received By: [signature] Date/Time: 8-27-07 15:55
Relinquished By: Date/Time: Received By: Date/Time:
Relinquished By: Date/Time: Received By: Kathy Bink[signature] Date/Time: 8-28-07/0935

Sample Condition. Good? Yes ✓ No __ On Ice? Yes ✓ No __ Cooler Temp 2 ° Transportation Method: FedEx

Page ___ of ___

White - Lab
Yellow - Lab

Lancaster Laboratories
Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< less than – The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

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