9185 South Farmer Avenue, Suite 107
Tempe, Arizona 85284
www.atcassociates.com
480 894 2056
fax 480.894 2497

November 1, 2007

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

RE: Due Diligence Site Assessment Report
ConocoPhillips Site No. 251028
5300 Broadway Avenue
Oakland, California
ATC Project No. 34.75118.3103

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 June 27, 2007 (Appendix A, attached). 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 from the local permitting agency to advance the borings (Appendix B, attached);
- 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 three exploratory soil borings to total depths of 10 or 13 feet bgs utilizing geoprobe drilling equipment (borings ATC-1, ATC-3 and ATC-6 [Assigned to the boring location near the waste oil UST that was identified during ATC's utility marking activities, therefore, this boring was not addressed in the SOW] were not advanced due to encountering pea gravel and/or proximity to the existing canopy);
- 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 ATC-2 and ATC-5;

- 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 5300 Broadway Avenue in Oakland, California. The site's current underground storage tank (UST) system configuration includes three fuel USTs, one waste oil UST and two dispenser islands. Limited background information is included in the SOW prepared by Shaw (Appendix A).

BASELINE SITE ASSESSMENT

Field Activities

On September 27, 2007, ATC personnel observed the advancement of three soil borings (ATC-2, ATC-4 and ATC-5) 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. Geoprobe refusal was encountered at depths of approximately 13 feet bgs and 10 feet bgs in borings ATC-2 and ATC-4, respectively, while boring ATC-5 was advanced to a depth of approximately 10 feet bgs. Soil samples were collected at approximate five-foot intervals for lithological description, field screening using a PID, and for possible laboratory analysis. Groundwater was encountered in borings ATC-2 and ATC-5 at approximately seven feet bgs. Groundwater samples were collected from borings ATC-2 and ATC-5 after each boring was advanced three to six feet into groundwater. A duplicate groundwater sample, designated "B-2", was collected from boring ATC-2.

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 C, 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. Select soil samples collected from borings ATC-2, ATC-4 and ATC-5 and groundwater samples collected from ATC-2 (including duplicate B-2) and ATC-5 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 in the gasoline and diesel range (TPH-GRO and TPH-DRO, respectively) using EPA Method 8015B Modified. Additionally, the select 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. The laboratory analytical report and COC document are provided as Appendix D, 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 clayey, silty and sandy gravel, shale bedrock and gravelly sand from the ground surface to approximately 13 feet bgs, the maximum extent of exploration. PID readings from screened soil samples collected from borings ATC-2 and ATC-4 were 0.0 parts per million (ppm), while the soil samples collected from boring ATC-5 at five, seven and 10 feet bgs registered 33.8 ppm, 99.1 ppm and 396 ppm, respectively. Refer to the edited boring logs in Appendix C 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:

- Ethylbenzene was detected at a concentration of 0.007 milligrams per kilogram (mg/kg) in the soil sample collected at approximately five feet bgs from boring ATC-5 (ATC-5d5.0).
- Methylene chloride was detected at a concentration of 0.007 mg/kg in the soil sample collected at approximately 10 feet bgs from boring ATC-4 (ATC-4d10.0).
- TPH-GRO was detected at concentrations of 1.4 mg/kg and 5.2 mg/kg in the soil samples collected at approximately five feet bgs from borings ATC-2 and ATC-5 (ATC-2d5.0 and ATC-5d5.0), respectively.
- TPH-DRO was detected at a concentration of 23 mg/kg in the soil sample collected at approximately five feet bgs from boring ATC-2 (ATC-2d5.0).
- Lead was detected at concentrations of 11.3 mg/kg, 13.8 mg/kg, 16.7 mg/kg and 9.63 mg/kg in the soil samples collected at approximately five feet bgs from borings ATC-2 and ATC-5 (ATC-2d5.0 and ATC-5d5.0) and 10 feet bgs from borings ATC-4 and ATC-5 (ATC-4d10.0 and ATC-5d10.0), respectively.

- 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 ATC-2 (including duplicate B-2) and ATC-5 indicate the following:

- Ethylbenzene was detected at a concentration of 45 micrograms per liter (µg/L) in the groundwater sample collected from boring ATC-5.
- Total xylenes were detected at a concentration of 6 µg/L in the groundwater sample collected from boring ATC-5.
- TPH-GRO was detected at concentrations of 73 µg/L, 69 µg/L and 5,300 µg/L in the groundwater samples collected from borings ATC-2 (including duplicate B-2) and ATC-5, respectively.
- TPH-DRO was detected at concentrations of 15,000 µg/L, 25,000 µg/L and 18,000 µg/L in the groundwater samples collected from borings ATC-2 (including duplicate B-2) and ATC-5, respectively.
- No other analytes were detected in excess of their respective laboratory method LOQ in any of the groundwater samples submitted for analysis.

LIMITATIONS

This report was prepared in general accordance with the Shaw SOW, dated June 27, 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:

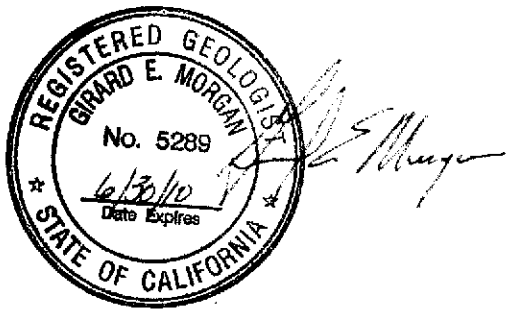
Name: Mark D. Miller
Title: Senior Project Manager

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 – Well Permit
Appendix C – Boring Logs
Appendix D – Laboratory Analytical Report and Chain-of-Custody Documentation

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA
ConocoPhillips Site No. 251028
5300 Broadway Avenue, Oakland, California

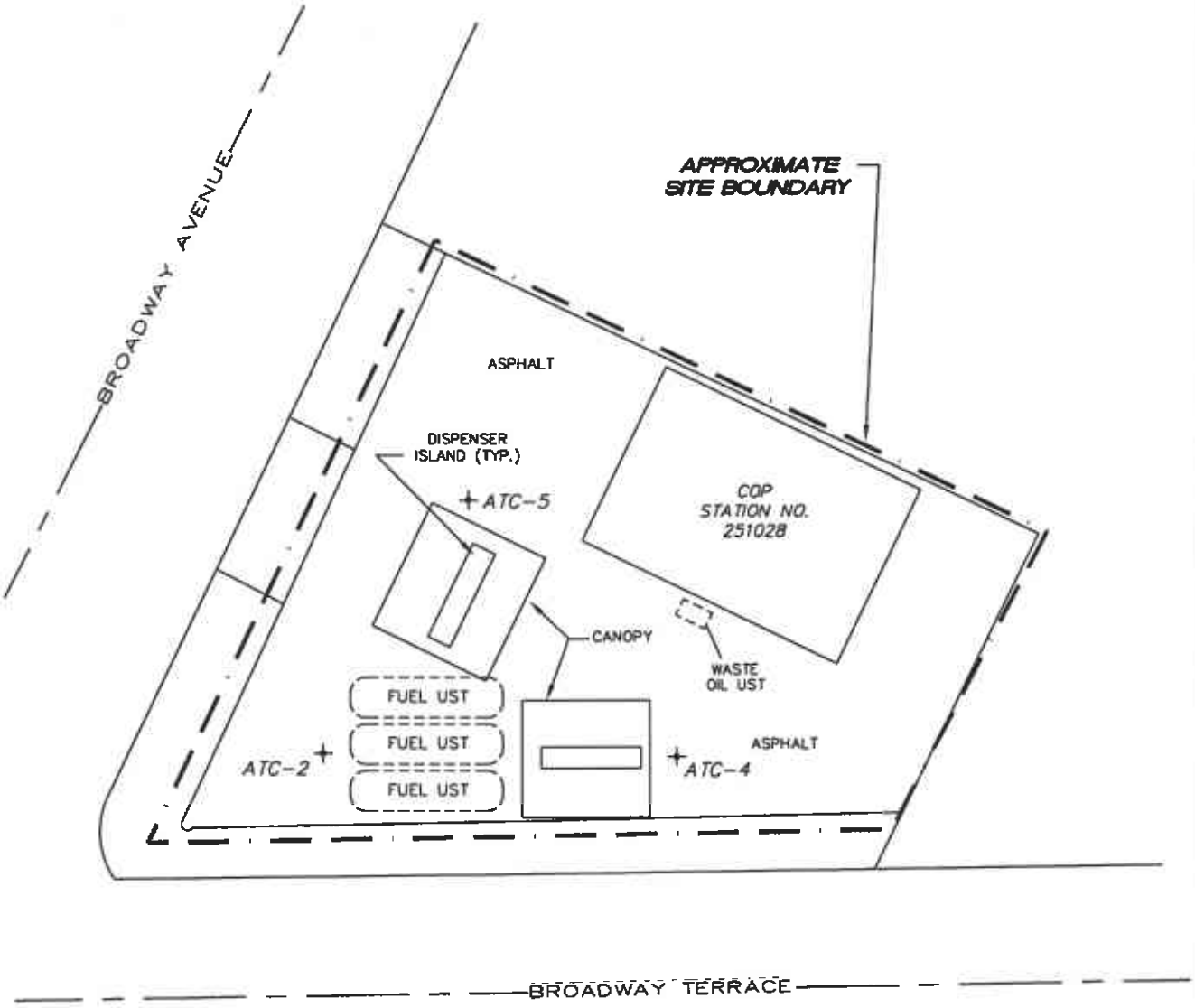
Sample ID	Sample Depth (feet bgs)	Sample Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Other HVOC* (mg/kg)	Oxygenates* (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	Lead (mg/kg)
			EPA 8260B						EPA 8015B Modified		EPA 6010B
ATC-2d5.0	5	09/27/07	<0.005	<0.005	<0.005	<0.005	All analytes ND.	All analytes ND.	1.4	23	11.3
ATC-4d10.0	10	09/27/07	<0.005	<0.005	<0.005	<0.005	methylene chloride (0.007)	All analytes ND.	<1.0	<12	16.7
ATC-5d5.0	5	09/27/07	<0.005	<0.005	0.007	<0.005	All remaining analytes ND.	All analytes ND.	5.2	<12	13.8
ATC-5d10.0	10	09/27/07	<0.005	<0.005	<0.005	<0.005	All analytes ND.	All analytes ND.	<1.0	<12	9.63

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. 251028
5300 Broadway Avenue, Oakland, 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	
ATC-2	09/27/07	<5	<5	<5	<5	All analytes ND.	All analytes ND.	73	15,000
B-2**	09/27/07	<5	<5	<5	<5	All analytes ND.	All analytes ND.	69	25,000
ATC-5	09/27/07	<5	<5	45	6	All remaining analytes ND.	All analytes ND.	5,300	18,000

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.
** - Duplicate groundwater sample collected from boring ATC-2.



LEGEND

+ SOIL BORING LOCATION

0 15 30

SCALE, FT

NOTE: LOCATIONS AND SCALE ARE APPROXIMATE

N

SITE PLAN

CONOCOPHILLIPS SITE NO. 251028
5300 BROADWAY AVENUE
OAKLAND, CALIFORNIA

PROJECT NUMBER: 34.75118.3103		DATE: 10/31/07	FIGURE
APPROVED BY: MM		DRAWN BY: BK	1

VATC ASSOCIATES INC
9185 S. Farmer Ave., Ste. #107
Tempe, Arizona 85284-2912
Ph: (480) 894-2056 *** Fax: (480) 894-2497

DIVESTITURE BASELINE PHASE II ASSESSMENT
CONVERGED CONTRACTOR - SCOPE OF WORK

Site: 251028

Address: 5300 Broadway Ave at Broadway Terrace
Oakland, CA

SITE SUMMARY

Former Owner: Unocal

Site is equipped with three fuel USTs and two product dispenser islands under separate canopies. Site investigation and groundwater monitoring were performed between 1989 and 1994. Depth to water in 1991 was between 1 and 4 feet below ground surface (bgs); groundwater flow direction was to the northwest. Bedrock was encountered at between 4 and 9 feet bgs. A "No Further Action" letter was issued in 1994. Current depth to water and groundwater flow direction are not available.

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
- 2 borings (B-4, B-5) 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.

Since groundwater at this site is likely to be encountered at a relatively shallow depth (e.g., 1 to 4 feet bgs in 1991), and bedrock is likely to be encountered at a relatively shallow depth (e.g., 4 to 9 feet bgs), Contractor should plan on limited soil sampling, grab groundwater sampling, and limited total depth of borings. Contractor may elect to use alternative sampling methods to complete the site investigation, as appropriate.

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. Permit requirements for this site have been established by the Alameda County Public Works Water Resources Department. 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 AM immediately before any required notification to state and local regulators and to discuss any possible changes to the scope of work. Louis Mosconi 714-428-7621(office), 714-824-1240 (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

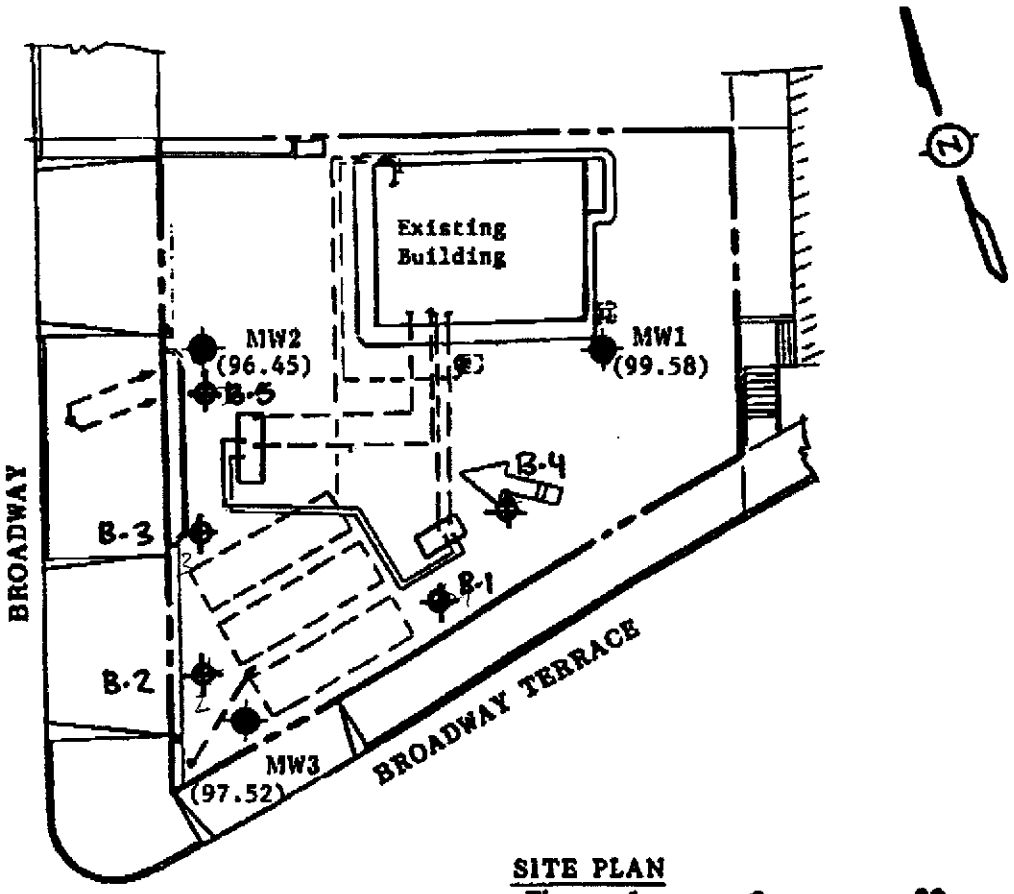
- Complete due diligence report in format as provided by ConocoPhillips (COP). Complete any required agency reports. Contractor shall deliver report and agency reports in electronic format to Shaw Consultant for review and upload to COP database.
- Upon receiving sample results higher than detection levels, provide immediate notification to AM prior to submitting due diligence report to discuss possible notification to state and local regulators. Louis Mosconi 714-428-7621(office), 714-824-1240 (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)	X	X	X	X	X		X			

KAPREALIAN ENGINEERING, INC.
Consulting Engineers
P.O. BOX 996 • BENICIA, CA 94510
(707) 746-6915 • (707) 746-6916 • FAX: (707) 746-5581



SITE PLAN
Figure 1

0 30 60
Approx. Scale feet

LEGEND

- Monitoring Well
- ( ) Ground Water Elevation in feet on 5/21/91 Top of MW3 Well Cover assumed 100.00 feet as datum.
- Ground Water Flow Direction

Unocal Service Station #1028
5300 Broadway
Oakland, California

DEPTH TO WATER: 1 TO 4 FEET (1991)

B-1 ⊕ PROPOSED BORING LOCATION AND DESIGNATION

Alameda County Public Works Agency - Water Resources Well Permit

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 07/20/2007 By jamesy

Permit Numbers: W2007-0797
Permits Valid from 09/21/2007 to 09/24/2007

Application Id: 1184350326344
Site Location: Unocal 251028
5300 Broadway Terrace
APN 48A-7035-19-1

City of Project Site: Oakland

Project Start Date: 08/06/2007
Extension Start Date: 09/21/2007
Extension Count: 1

Completion Date: 08/08/2007
Extension End Date: 09/24/2007
Extended By: vickyh1

Applicant: ATC Associates Inc - Ed Vandegrift
9185 South Farmer Avenue, Suite 107, Tempe, AZ 85284
Phone: 480-894-2056

Property Owner: Myron Smith
1230 West Washington Street, Suite 212, Tempe, AZ 85281
Phone: 602-452-2505

Client: ** same as Property Owner **

Total Due: $200.00
Receipt Number: WR2007-0321 **Total Amount Paid:** $200.00
Payer Name : Edwin Vandegrift Paid By: VISA **PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Geo Probes-Sampling 24 to 72 hours only - 5 Boreholes
Driller: Vironex - Lic #: 705927 - Method: DP

Work Total: $200.00

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2007-0797	07/20/2007	11/04/2007	5	2.00 in.	35.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.

2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

4. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 or email to vickyh@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

5. Permitte, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled,

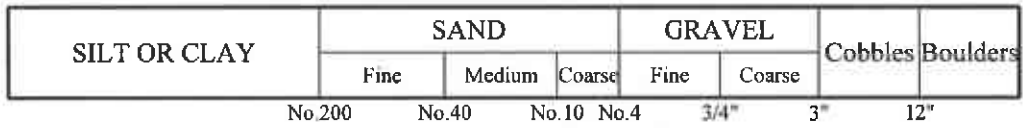
properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

6. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

7. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

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.



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 ATC-2

SHEET 1 OF 1

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

Project Name Conoco Phillips Site No. 251028 | Drill Method Geoprobe

Number 34.75118.3103 | Drilling Started 9/27/07 Ended 9/27/07 | Total Depth 13

Location 5300 Broadway Avenue, Oakland, CA | Logged By Jonathan Flomerfelt | Depth To Water ▽ ATD 7

DEPTH (feet)	SAMPLE NO.	BLOWS/6"	PID (ppm)	USCS	LITHOLOGY	DESCRIPTION	DEPTH FEET
						Airknifed to 5' bgs. No sample recovery.	
5	NR B-2-5		0.0	GP		CLAYEY GRAVEL. 75% gravel. 25% clay. Yellow. Wet. Angular gravel.	5
10	CT B-2-10		0.0			90% gravel. 10% clay.	10
	CT B-2-13		0.0			Bottom of hole at 13 feet	
15							15

REGISTERED GEOLOGIST
GIRARD E. MORGAN
No. 5289
6/30/10
Date Expires
STATE OF CALIFORNIA

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

Remarks : Groundwater encountered at 7' bgs. Refusal at approximately 13' bgs.

See key sheet for symbols and abbreviations used above.

LOG A EWNN05 251028 BORING LOGS.GPJ LOG A EWNN05.GDT 11/1/07

LOG OF BORING ATC-4

SHEET 1 OF 1

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

Project Name Conoco Phillips Site No. 251028 | Drill Method Geoprobe | Total Depth 10

Number 34.75118.3103 | Drilling Started 9/27/07 Ended 9/27/07 | Depth To Water

Location 5300 Broadway Avenue, Oakland, CA | Logged By Jonathan Flomerfelt

DEPTH (feet)	SAMPLE NO.	BLOWS/6"	PID (ppm)	USCS	LITHOLOGY	DESCRIPTION	DEPTH FEET
						Airknifed to 5' bgs. No sample recovery.	
5	CT B-4-5		0.0	GP		SANDY GRAVEL. 70% gravel. 30% sand. Brown. Dry.	5
10	CT B-4-10		0.0			Bottom of hole at 10 feet	10
15							15
20							20
25							25

REGISTERED GEOLOGIST
GIRARD E. MORGAN
No. 5289
6/30/10
Date Expires
STATE OF CALIFORNIA

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

Remarks : No groundwater encountered. Refusal at approximately 10' bgs.

See key sheet for symbols and abbreviations used above.

LOG A EWNN05 251028 BORING LOGS.GPJ LOG A EWNN05.GDT 11/1/07

LOG OF BORING ATC-5

SHEET 1 OF 1

Client ConocoPhillips Company
Project Name Conoco Phillips Site No. 251028
Number 34.75118.3103
Location 5300 Broadway Avenue, Oakland, CA

Drill Contractor Cascade Drilling Inc.
Drill Method Geoprobe
Drilling Started 9/27/07 Ended 9/27/07
Logged By Jonathan Flomerfelt

Elevation (ft amsl) --
Total Depth 10
Depth To Water ▽ ATD 7

DEPTH (feet)	SAMPLE NO.	BLOWS/6"	PID (ppm)	USCS	LITHOLOGY	DESCRIPTION	DEPTH FEET
						Airknifed to 5' bgs. No sample recovery.	
5	CT B-5-5		33.8				5
			99.1	SP		GRAVELLY SAND. 70% sand. 30% gravel. Brownish yellow. Wet. ▽	
10	CT B-5-10		396	GM		SILTY GRAVEL. 70% gravel. 30% silt. Light yellowish brown. Dry to damp. Shale bedrock fragments.	10
						Bottom of hole at 10 feet	
15							15
20							20
25							25

REGISTERED GEOLOGIST
GIRARD E. MORGAN
No. 5289
6/30/10
Date Expires
STATE OF CALIFORNIA

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

Remarks : Groundwater encountered at 7' bgs.

See key sheet for symbols and abbreviations used above.

LOG A EWNN05 251028 BORING LOGS.GPJ LOG A EWNN05.GDT 11/1/07

APPENDIX D

LABORATORY ANALYTICAL REPORT 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 1058509. Samples arrived at the laboratory on Friday, September 28, 2007. The PO# for this group is 4508610423 and the release number is BOONE.

Client Description	Lancaster Labs Number
ATC-2d5.0 NA Soil	5170555
ATC-2 NA Water	5170556
ATC-4d10.0 NA Soil	5170557
ATC-5d10.0 NA Soil	5170558
ATC-5d5.0 NA Soil	5170559
ATC-5 NA Water	5170560
B-2 NA Water	5170561

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,

Marla S. Lord
Senior Specialist

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 5170555

ATC-2d5.0 NA Soil
Site# 251028 ATCE
5300 Broadway - Oakland NA ATC-2

Collected:09/27/2007 09:25 by JF

Account Number: 12258

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

AT2S5

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.	23.	4.0	12.	mg/kg	1
06955	Lead	7439-92-1	11.3	0.467	1.43	mg/kg	1
01637	TPH-GRO 8015B - soil						
01641	TPH-GRO 8015B - soil	n.a.	1.4	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	0.002 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	N.D.	0.001	0.005	mg/kg	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 5170555

ATC-2d5.0 NA Soil
Site# 251028 ATCE
5300 Broadway - Oakland NA ATC-2

Collected:09/27/2007 09:25 by JF

Account Number: 12258

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

AT2S5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.001	0.005	mg/kg	1
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	N.D.	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	10/09/2007 07:00	Diane V Do	1
06955	Lead	SW-846 6010B	1	10/07/2007 14:48	Choon Y Tian	1
01637	TPH-GRO 8015B - soil	SW-846 8015B modified	1	10/02/2007 18:07	Linda C Pape	25
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	10/05/2007 00:12	Lauren C Marzario	1
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	10/05/2007 00:12	Lauren C Marzario	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/04/2007 15:23	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	1	09/29/2007 14:49	Eric L Vera	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	10/06/2007 06:15	Mirit S Shenouda	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	10/02/2007 16:15	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 5170556

ATC-2 NA Water
Site# 251028 ATCE
5300 Broadway - Oakland NA ATC-2

Collected:09/27/2007 09:40 by JF

Account Number: 12258

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

AT2-W

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.	15,000.	2,900.	10,000.	ug/l	10
	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.	73.	20.	50.	ug/l	1
	Preservation requirements were not met. 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 = 6.						
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

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

Lancaster Laboratories Sample No. WW 5170556

ATC-2 NA Water
Site# 251028 ATCE
5300 Broadway - Oakland NA ATC-2

Collected:09/27/2007 09:40 by JF

Account Number: 12258

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

AT2-W

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05417	o-Xylene	95-47-6	0.9	J	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
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	1.	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

Preservation requirements were not met. 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 = 5.

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	10/09/2007 02:53	Diane V Do	10
01635	TPH-GRO 8015B - water	SW-846 8015B modified	1	10/04/2007 10:22	K. Robert Caulfeild-James	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 5170556

ATC-2 NA Water
Site# 251028 ATCE
5300 Broadway - Oakland NA ATC-2

Collected:09/27/2007 09:40 by JF

Account Number: 12258

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

AT2-W

05382	EPA SW846/8260 (water)	SW-846 8260B	1	10/09/2007 02:34	Kelly E Brickley	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	10/09/2007 02:34	Kelly E Brickley	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/04/2007 10:22	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/09/2007 02:34	Kelly E Brickley	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	09/30/2007 05:50	Tracy L Schickel	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 5170557

ATC-4d10.0 NA Soil
Site# 251028 ATCE
5300 Broadway - Oakland NA ATC-4

Collected:09/27/2007 08:10 by JF

Account Number: 12258

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

AT410

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.	8.4 J	4.0	12.	mg/kg	1
06955	Lead	7439-92-1	16.7	0.485	1.49	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	0.007	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	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 5170557

ATC-4d10.0 NA Soil
Site# 251028 ATCE
5300 Broadway - Oakland NA ATC-4

Collected:09/27/2007 08:10 by JF

Account Number: 12258

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

AT410

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.001	0.005	mg/kg	1
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	N.D.	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	10/09/2007 00:50	Diane V Do	1
06955	Lead	SW-846 6010B	1	10/07/2007 14:52	Choon Y Tian	1
01637	TPH-GRO 8015B - soil	SW-846 8015B modified	1	10/02/2007 12:06	Linda C Pape	25
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	10/05/2007 06:59	Holly Berry	1
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	10/05/2007 06:59	Holly Berry	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/04/2007 15:01	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	1	09/29/2007 14:51	Eric L Vera	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	10/06/2007 06:15	Mirit S Shenouda	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	10/02/2007 16:15	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. SW 5170558

ATC-5d10.0 NA Soil
Site# 251028 ATCE
5300 Broadway - Oakland NA ATC-5

Collected:09/27/2007 11:40 by JF

Account Number: 12258

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

AT510

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
06955	Lead	7439-92-1	9.63	0.476	1.46	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	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	0.005	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	0.005	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	0.005	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	0.099	mg/kg	0.99
06089	Ethanol	64-17-5	N.D.	0.099	0.50	mg/kg	0.99
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.001	0.005	mg/kg	0.99
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.001	0.005	mg/kg	0.99
08199	Freon 113	76-13-1	N.D.	0.002	0.01	mg/kg	0.99
05441	EPA SW846/8260 (soil)						
05444	Chloromethane	74-87-3	N.D.	0.002	0.005	mg/kg	0.99
05445	Vinyl Chloride	75-01-4	N.D.	0.001	0.005	mg/kg	0.99
05446	Bromomethane	74-83-9	N.D.	0.002	0.005	mg/kg	0.99
05447	Chloroethane	75-00-3	N.D.	0.002	0.005	mg/kg	0.99
05448	Trichlorofluoromethane	75-69-4	N.D.	0.002	0.005	mg/kg	0.99
05449	1,1-Dichloroethene	75-35-4	N.D.	0.001	0.005	mg/kg	0.99
05450	Methylene Chloride	75-09-2	N.D.	0.002	0.005	mg/kg	0.99
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.001	0.005	mg/kg	0.99
05452	1,1-Dichloroethane	75-34-3	N.D.	0.001	0.005	mg/kg	0.99
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.001	0.005	mg/kg	0.99
05455	Chloroform	67-66-3	N.D.	0.001	0.005	mg/kg	0.99
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.001	0.005	mg/kg	0.99
05458	Carbon Tetrachloride	56-23-5	N.D.	0.001	0.005	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0005	0.005	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.005	mg/kg	0.99
05462	Trichloroethene	79-01-6	N.D.	0.001	0.005	mg/kg	0.99
05463	1,2-Dichloropropane	78-87-5	N.D.	0.001	0.005	mg/kg	0.99
05465	Bromodichloromethane	75-27-4	N.D.	0.001	0.005	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	0.005	mg/kg	0.99

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

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 5170558

ATC-5d10.0 NA Soil
Site# 251028 ATCE
5300 Broadway - Oakland NA ATC-5

Collected:09/27/2007 11:40 by JF

Account Number: 12258

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

AT510

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.001	0.005	mg/kg	0.99
05468	Tetrachloroethene	127-18-4	N.D.	0.001	0.005	mg/kg	0.99
05470	Dibromochloromethane	124-48-1	N.D.	0.001	0.005	mg/kg	0.99
05472	Chlorobenzene	108-90-7	N.D.	0.001	0.005	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	0.005	mg/kg	0.99
05475	m+p-Xylene	1330-20-7	N.D.	0.001	0.005	mg/kg	0.99
05476	o-Xylene	95-47-6	N.D.	0.001	0.005	mg/kg	0.99
05478	Bromoform	75-25-2	N.D.	0.001	0.005	mg/kg	0.99
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.001	0.005	mg/kg	0.99
05491	1,3-Dichlorobenzene	541-73-1	N.D.	0.001	0.005	mg/kg	0.99
05492	1,4-Dichlorobenzene	106-46-7	N.D.	0.001	0.005	mg/kg	0.99
05494	1,2-Dichlorobenzene	95-50-1	N.D.	0.001	0.005	mg/kg	0.99

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	10/09/2007 01:15	Diane V Do	1
06955	Lead	SW-846 6010B	1	10/07/2007 14:55	Choon Y Tian	1
01637	TPH-GRO 8015B - soil	SW-846 8015B modified	1	10/02/2007 12:42	Linda C Pape	25
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	10/05/2007 07:22	Holly Berry	0.99
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	10/05/2007 07:22	Holly Berry	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/04/2007 15:02	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	1	09/29/2007 14:53	Eric L Vera	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	10/06/2007 06:15	Mirit S Shenouda	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	10/02/2007 16:15	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. SW 5170559

ATC-5d5.0 NA Soil
Site# 251028 ATCE
5300 Broadway - Oakland NA ATC-5

Collected:09/27/2007 11:40 by JF

Account Number: 12258

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

AT5-5

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.	8.2 J	4.0	12.	mg/kg	1
06955	Lead	7439-92-1	13.8	0.476	1.46	mg/kg	1
01637	TPH-GRO 8015B - soil						
01641	TPH-GRO 8015B - soil	n.a.	5.2	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	N.D.	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	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 5170559

ATC-5d5.0 NA Soil
Site# 251028 ATCE
5300 Broadway - Oakland NA ATC-5

Collected:09/27/2007 11:40 by JF

Account Number: 12258

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

AT5-5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.001	0.005	mg/kg	1
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	0.007	0.001	0.005	mg/kg	1
05475	m+p-Xylene	1330-20-7	N.D.	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	10/09/2007 04:32	Diane V Do	1
06955	Lead	SW-846 6010B	1	10/07/2007 14:59	Choon Y Tian	1
01637	TPH-GRO 8015B - soil	SW-846 8015B modified	1	10/02/2007 13:18	Linda C Pape	25
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	10/05/2007 03:38	Lauren C Marzario	1
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	10/05/2007 03:38	Lauren C Marzario	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/04/2007 15:37	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	1	09/29/2007 14:56	Eric L Vera	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	10/06/2007 06:15	Mirit S Shenouda	1
07004	Extraction - DRO (Soils)	SW-846 3550B	1	10/02/2007 16:15	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 5170560

ATC-5 NA Water
Site# 251028 ATCE
5300 Broadway - Oakland NA ATC-5

Collected:09/27/2007 11:55 by JF

Account Number: 12258

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

AT5-W

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.	18,000.		2,900.	10,000.	ug/l	10
	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.	5,300.		100.	250.	ug/l	5
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	0.7	J	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	45.		0.8	5.	ug/l	1
05416	m+p-Xylene	1330-20-7	6.		0.8	5.	ug/l	1
05417	o-Xylene	95-47-6	2.	J	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 5170560

ATC-5 NA Water
Site# 251028 ATCE
5300 Broadway - Oakland NA ATC-5

Collected:09/27/2007 11:55 by JF

Account Number: 12258

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

AT5-W

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	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	10/09/2007 02:28	Diane V Do	10
01635	TPH-GRO 8015B - water	SW-846 8015B modified	1	10/04/2007 17:20	Martha L Seidel	5
05382	EPA SW846/8260 (water)	SW-846 8260B	1	10/10/2007 08:36	Susan McMahon-Luu	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	10/10/2007 08:36	Susan McMahon-Luu	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/04/2007 17:20	Martha L Seidel	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/10/2007 08:36	Susan McMahon-Luu	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	09/30/2007 05:50	Tracy L Schickel	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 5170561

B-2 NA Water
Site# 251028 ATCE
5300 Broadway - Oakland NA B-2

Collected:09/27/2007 09:50 by JF

Account Number: 12258

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

ATB-2

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.	25,000.	2,900.	10,000.	ug/l	10
	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.	69.	20.	50.	ug/l	1
	Preservation requirements were not met. 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 = 5.						
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

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

Lancaster Laboratories Sample No. WW 5170561

B-2 NA Water
Site# 251028 ATCE
5300 Broadway - Oakland NA B-2

Collected:09/27/2007 09:50 by JF

Account Number: 12258

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

ATB-2

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
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
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	1.	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	10/09/2007 03:17	Diane V Do	10
01635	TPH-GRO 8015B - water	SW-846 8015B modified	1	10/04/2007 15:50	Martha L Seidel	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	10/09/2007 03:44	Kelly E Brickley	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	10/09/2007 03:44	Kelly E Brickley	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/04/2007 15:50	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/09/2007 03:44	Kelly E Brickley	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	09/30/2007 05:50	Tracy L Schickel	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 5170561

B-2 NA Water
Site# 251028 ATCE
5300 Broadway - Oakland NA B-2

Collected:09/27/2007 09:50 by JF

Submitted: 09/28/2007 09:15
Reported: 10/15/2007 at 18:38
Discard: 11/15/2007

ATB-2

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

Quality Control Summary

Client Name: ConocoPhillips
Reported: 10/15/07 at 06:38 PM

Group Number: 1058509

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: 072720007A	Sample number(s): 5170556,5170560-5170561								
TPH-DRO (Waters)	36. J	29.	100.	ug/l	93	90	63-119	3	20
Batch number: 072750014A	Sample number(s): 5170555,5170557-5170559								
TPH-DRO by 8015B	N.D.	4.0	12.	mg/kg	94		71-109		
Batch number: 07275A34A	Sample number(s): 5170555,5170557-5170559								
TPH-GRO 8015B - soil	N.D.	0.2	1.0	mg/kg	91		67-119		
Batch number: 07276B54A	Sample number(s): 5170556								
TPH-GRO 8015B - water	N.D.	20.	50.	ug/l	96	91	75-135	5	30
Batch number: 07277B53A	Sample number(s): 5170560-5170561								
TPH-GRO 8015B - water	N.D.	20.	50.	ug/l	115	108	75-135	6	30
Batch number: 072785708001	Sample number(s): 5170555,5170557-5170559								
Lead	N.D.	0.490	1.50	mg/kg	94		90-110		
Batch number: A072772AA	Sample number(s): 5170555,5170559								
Methyl Tertiary Butyl Ether	N.D.	0.0005	0.005	mg/kg	94		72-117		
di-Isopropyl ether	N.D.	0.001	0.005	mg/kg	100		72-120		
Ethyl t-butyl ether	N.D.	0.001	0.005	mg/kg	95		72-115		
t-Amyl methyl ether	N.D.	0.001	0.005	mg/kg	94		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	94		44-115		
Vinyl Chloride	N.D.	0.001	0.005	mg/kg	97		52-111		
Bromomethane	N.D.	0.002	0.005	mg/kg	88		53-124		
Chloroethane	N.D.	0.002	0.005	mg/kg	88		63-120		
Trichlorofluoromethane	N.D.	0.002	0.005	mg/kg	108		58-125		
1,1-Dichloroethene	N.D.	0.001	0.005	mg/kg	114		83-121		
Methylene Chloride	N.D.	0.002	0.005	mg/kg	104		75-120		
trans-1,2-Dichloroethene	N.D.	0.001	0.005	mg/kg	109		84-116		
1,1-Dichloroethane	N.D.	0.001	0.005	mg/kg	108		82-116		
cis-1,2-Dichloroethene	N.D.	0.001	0.005	mg/kg	103		84-113		
Chloroform	N.D.	0.001	0.005	mg/kg	104		81-117		
1,1,1-Trichloroethane	N.D.	0.001	0.005	mg/kg	107		74-127		
Carbon Tetrachloride	N.D.	0.001	0.005	mg/kg	105		76-122		
Benzene	N.D.	0.0005	0.005	mg/kg	106		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	105		81-114		
1,2-Dichloropropane	N.D.	0.001	0.005	mg/kg	104		78-119		
Bromodichloromethane	N.D.	0.001	0.005	mg/kg	101		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	98		81-112		
Tetrachloroethene	N.D.	0.001	0.005	mg/kg	107		77-120		
Dibromochloromethane	N.D.	0.001	0.005	mg/kg	98		80-113		
Chlorobenzene	N.D.	0.001	0.005	mg/kg	104		81-112		

*- 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: 1058509
Reported: 10/15/07 at 06:38 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
Ethylbenzene	N.D.	0.001	0.005	mg/kg	103		82-115		
m+p-Xylene	N.D.	0.001	0.005	mg/kg	103		82-117		
o-Xylene	N.D.	0.001	0.005	mg/kg	102		82-117		
Bromoform	N.D.	0.001	0.005	mg/kg	83		63-120		
1,1,2,2-Tetrachloroethane	N.D.	0.001	0.005	mg/kg	94		64-121		
1,3-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	103		76-112		
1,4-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	102		78-108		
1,2-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	102		81-109		
Ethanol	N.D.	0.10	0.50	mg/kg	105		48-149		
trans-1,3-Dichloropropene	N.D.	0.001	0.005	mg/kg	92		79-112		
cis-1,3-Dichloropropene	N.D.	0.001	0.005	mg/kg	95		80-111		
Freon 113	N.D.	0.002	0.010	mg/kg	121		68-121		
Batch number: A072781AA	Sample number(s): 5170557-5170558								
Methyl Tertiary Butyl Ether	N.D.	0.0005	0.005	mg/kg	102		72-117		
di-Isopropyl ether	N.D.	0.001	0.005	mg/kg	98		72-120		
Ethyl t-butyl ether	N.D.	0.001	0.005	mg/kg	98		72-115		
t-Amyl methyl ether	N.D.	0.001	0.005	mg/kg	99		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	86		44-115		
Vinyl Chloride	N.D.	0.001	0.005	mg/kg	86		52-111		
Bromomethane	N.D.	0.002	0.005	mg/kg	78		53-124		
Chloroethane	N.D.	0.002	0.005	mg/kg	79		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	109		83-121		
Methylene Chloride	N.D.	0.002	0.005	mg/kg	105		75-120		
trans-1,2-Dichloroethene	N.D.	0.001	0.005	mg/kg	106		84-116		
1,1-Dichloroethane	N.D.	0.001	0.005	mg/kg	102		82-116		
cis-1,2-Dichloroethene	N.D.	0.001	0.005	mg/kg	101		84-113		
Chloroform	N.D.	0.001	0.005	mg/kg	101		81-117		
1,1,1-Trichloroethane	N.D.	0.001	0.005	mg/kg	100		74-127		
Carbon Tetrachloride	N.D.	0.001	0.005	mg/kg	98		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	106		76-126		
Trichloroethene	N.D.	0.001	0.005	mg/kg	101		81-114		
1,2-Dichloropropane	N.D.	0.001	0.005	mg/kg	102		78-119		
Bromodichloromethane	N.D.	0.001	0.005	mg/kg	100		77-116		
Toluene	N.D.	0.001	0.005	mg/kg	100		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	107		77-120		
Dibromochloromethane	N.D.	0.001	0.005	mg/kg	103		80-113		
Chlorobenzene	N.D.	0.001	0.005	mg/kg	103		81-112		
Ethylbenzene	N.D.	0.001	0.005	mg/kg	100		82-115		
m+p-Xylene	N.D.	0.001	0.005	mg/kg	101		82-117		
o-Xylene	N.D.	0.001	0.005	mg/kg	101		82-117		
Bromoform	N.D.	0.001	0.005	mg/kg	95		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	101		76-112		
1,4-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	101		78-108		
1,2-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	103		81-109		
Ethanol	N.D.	0.10	0.50	mg/kg	97		48-149		
trans-1,3-Dichloropropene	N.D.	0.001	0.005	mg/kg	94		79-112		
cis-1,3-Dichloropropene	N.D.	0.001	0.005	mg/kg	96		80-111		
Freon 113	N.D.	0.002	0.010	mg/kg	113		68-121		

*- 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: 1058509
Reported: 10/15/07 at 06:38 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
Batch number: W072812AA	Sample number(s): 5170556,5170561								
Ethanol	N.D.	50.	250.	ug/l	103		31-166		
Methyl Tertiary Butyl Ether	N.D.	0.5	5.	ug/l	99		73-119		
di-Isopropyl ether	N.D.	0.8	5.	ug/l	99		70-123		
Ethyl t-butyl ether	N.D.	0.8	5.	ug/l	100		74-120		
t-Amyl methyl ether	N.D.	0.8	5.	ug/l	98		79-113		
t-Butyl alcohol	N.D.	10.	80.	ug/l	105		74-117		
Chloromethane	N.D.	1.	5.	ug/l	123*		47-122		
Vinyl Chloride	N.D.	1.	5.	ug/l	115		54-123		
Bromomethane	N.D.	1.	5.	ug/l	104		49-117		
Chloroethane	N.D.	1.	5.	ug/l	99		54-117		
Trichlorofluoromethane	N.D.	2.	5.	ug/l	113		59-128		
1,1-Dichloroethene	N.D.	0.8	5.	ug/l	116		76-122		
Methylene Chloride	N.D.	2.	5.	ug/l	109		85-120		
trans-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	106		83-117		
1,1-Dichloroethane	N.D.	1.	5.	ug/l	107		83-127		
cis-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	102		84-117		
Chloroform	N.D.	0.8	5.	ug/l	103		77-125		
1,1,1-Trichloroethane	N.D.	0.8	5.	ug/l	104		83-127		
Carbon Tetrachloride	N.D.	1.	5.	ug/l	98		77-130		
Benzene	N.D.	0.5	5.	ug/l	102		78-119		
1,2-Dichloroethane	N.D.	1.	5.	ug/l	106		69-135		
Trichloroethene	N.D.	1.	5.	ug/l	103		87-117		
1,2-Dichloropropane	N.D.	1.	5.	ug/l	104		80-117		
Bromodichloromethane	N.D.	1.	5.	ug/l	100		83-121		
Toluene	N.D.	0.7	5.	ug/l	98		85-115		
1,1,2-Trichloroethane	N.D.	0.8	5.	ug/l	95		86-113		
Tetrachloroethene	N.D.	0.8	5.	ug/l	100		76-118		
Dibromochloromethane	N.D.	1.	5.	ug/l	96		78-119		
Chlorobenzene	N.D.	0.8	5.	ug/l	93		85-115		
Ethylbenzene	N.D.	0.8	5.	ug/l	95		82-119		
m+p-Xylene	N.D.	0.8	5.	ug/l	95		83-113		
o-Xylene	N.D.	0.8	5.	ug/l	95		83-113		
Bromoform	N.D.	1.	5.	ug/l	78		69-118		
1,1,2,2-Tetrachloroethane	N.D.	1.	5.	ug/l	91		72-119		
1,3-Dichlorobenzene	N.D.	1.	5.	ug/l	94		81-114		
1,4-Dichlorobenzene	N.D.	1.	5.	ug/l	93		84-116		
1,2-Dichlorobenzene	N.D.	1.	5.	ug/l	93		81-112		
trans-1,3-Dichloropropene	N.D.	1.	5.	ug/l	91		79-114		
cis-1,3-Dichloropropene	N.D.	1.	5.	ug/l	92		78-114		
Freon 113	N.D.	2.	10.	ug/l	100		66-125		
Batch number: W072822AA	Sample number(s): 5170560								
Ethanol	N.D.	50.	250.	ug/l	107	95	31-166	11	30
Methyl Tertiary Butyl Ether	N.D.	0.5	5.	ug/l	102	99	73-119	2	30
di-Isopropyl ether	N.D.	0.8	5.	ug/l	98	93	70-123	6	30
Ethyl t-butyl ether	N.D.	0.8	5.	ug/l	100	98	74-120	2	30
t-Amyl methyl ether	N.D.	0.8	5.	ug/l	98	94	79-113	4	30
t-Butyl alcohol	N.D.	10.	80.	ug/l	107	105	74-117	1	30
Chloromethane	N.D.	1.	5.	ug/l	112	97	47-122	15	30
Vinyl Chloride	N.D.	1.	5.	ug/l	106	101	54-123	4	30
Bromomethane	N.D.	1.	5.	ug/l	107	98	49-117	9	30
Chloroethane	N.D.	1.	5.	ug/l	101	95	54-117	6	30
Trichlorofluoromethane	N.D.	2.	5.	ug/l	128	119	59-128	7	30
1,1-Dichloroethene	N.D.	0.8	5.	ug/l	118	112	76-122	6	30

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Quality Control Summary

Client Name: ConocoPhillips Group Number: 1058509
Reported: 10/15/07 at 06:38 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
Methylene Chloride	N.D.	2.	5.	ug/l	106	99	85-120	8	30
trans-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	106	102	83-117	4	30
1,1-Dichloroethane	N.D.	1.	5.	ug/l	107	103	83-127	4	30
cis-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	103	95	84-117	8	30
Chloroform	N.D.	0.8	5.	ug/l	113	106	77-125	6	30
1,1,1-Trichloroethane	N.D.	0.8	5.	ug/l	118	110	83-127	7	30
Carbon Tetrachloride	N.D.	1.	5.	ug/l	114	103	77-130	10	30
Benzene	N.D.	0.5	5.	ug/l	101	93	78-119	8	30
1,2-Dichloroethane	N.D.	1.	5.	ug/l	114	116	69-135	2	30
Trichloroethene	N.D.	1.	5.	ug/l	106	105	87-117	1	30
1,2-Dichloropropane	N.D.	1.	5.	ug/l	101	96	80-117	5	30
Bromodichloromethane	N.D.	1.	5.	ug/l	108	105	83-121	3	30
Toluene	N.D.	0.7	5.	ug/l	101	97	85-115	4	30
1,1,2-Trichloroethane	N.D.	0.8	5.	ug/l	99	99	86-113	1	30
Tetrachloroethene	N.D.	0.8	5.	ug/l	108	99	76-118	8	30
Dibromochloromethane	N.D.	1.	5.	ug/l	105	97	78-119	8	30
Chlorobenzene	N.D.	0.8	5.	ug/l	98	95	85-115	3	30
Ethylbenzene	N.D.	0.8	5.	ug/l	100	94	82-119	6	30
m+p-Xylene	N.D.	0.8	5.	ug/l	100	94	83-113	5	30
o-Xylene	N.D.	0.8	5.	ug/l	98	95	83-113	3	30
Bromoform	N.D.	1.	5.	ug/l	87	85	69-118	3	30
1,1,2,2-Tetrachloroethane	N.D.	1.	5.	ug/l	88	90	72-119	2	30
1,3-Dichlorobenzene	N.D.	1.	5.	ug/l	95	94	81-114	1	30
1,4-Dichlorobenzene	N.D.	1.	5.	ug/l	99	95	84-116	4	30
1,2-Dichlorobenzene	N.D.	1.	5.	ug/l	97	95	81-112	1	30
trans-1,3-Dichloropropene	N.D.	1.	5.	ug/l	96	99	79-114	3	30
cis-1,3-Dichloropropene	N.D.	1.	5.	ug/l	97	93	78-114	4	30
Freon 113	N.D.	2.	10.	ug/l	102	96	66-125	6	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: 072750014A	Sample number(s): 5170555,5170557-5170559 UNSPK: P171105 BKG: P171105								
TPH-DRO by 8015B	-798 (2)		52-117			5,600.	5,400.	4	20
Batch number: 07275A34A	Sample number(s): 5170555,5170557-5170559 UNSPK: P165252								
TPH-GRO 8015B - soil	45	51	39-118	10	30				
Batch number: 07276B54A	Sample number(s): 5170556 UNSPK: P170345								
TPH-GRO 8015B - water	112		63-154						
Batch number: 07277B53A	Sample number(s): 5170560-5170561 UNSPK: P174154								
TPH-GRO 8015B - water	113		63-154						
Batch number: 072785708001	Sample number(s): 5170555,5170557-5170559 UNSPK: P175166 BKG: P175166								
Lead	89	141*	75-125	18	20	21.2	20.7	3	20
Batch number: A072772AA	Sample number(s): 5170555,5170559 UNSPK: P167397								

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Quality Control Summary

Client Name: ConocoPhillips Group Number: 1058509
Reported: 10/15/07 at 06:38 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
Methyl Tertiary Butyl Ether	91	91	59-119	2	30				
di-Isopropyl ether	93	92	58-113	2	30				
Ethyl t-butyl ether	91	90	60-112	2	30				
t-Amyl methyl ether	90	91	63-112	1	30				
t-Butyl alcohol	96	97	51-134	1	30				
Chloromethane	83	80	38-115	5	30				
Vinyl Chloride	85	80	41-104	6	30				
Bromomethane	80	75	50-114	8	30				
Chloroethane	80	75	52-114	8	30				
Trichlorofluoromethane	100	93	39-122	8	30				
1,1-Dichloroethene	103	99	64-118	5	30				
Methylene Chloride	97	93	50-127	5	30				
trans-1,2-Dichloroethene	100	96	60-110	6	30				
1,1-Dichloroethane	98	95	65-115	5	30				
cis-1,2-Dichloroethene	94	91	67-110	5	30				
Chloroform	97	93	69-117	6	30				
1,1,1-Trichloroethane	98	93	64-118	6	30				
Carbon Tetrachloride	96	93	56-120	5	30				
Benzene	97	93	66-112	5	30				
1,2-Dichloroethane	100	98	62-130	3	30				
Trichloroethene	97	93	48-131	6	30				
1,2-Dichloropropane	96	94	64-112	4	30				
Bromodichloromethane	94	92	66-119	4	30				
Toluene	95	91	50-121	5	30				
1,1,2-Trichloroethane	94	94	64-118	1	30				
Tetrachloroethene	109	107	40-140	3	30				
Dibromochloromethane	94	93	67-113	3	30				
Chlorobenzene	95	93	58-109	4	30				
Ethylbenzene	97	92	54-116	6	30				
m+p-Xylene	95	90	52-117	6	30				
o-Xylene	97	92	52-117	6	30				
Bromoform	82	81	54-114	3	30				
1,1,2,2-Tetrachloroethane	93	93	37-142	2	30				
1,3-Dichlorobenzene	96	92	47-109	6	30				
1,4-Dichlorobenzene	95	92	47-109	4	30				
1,2-Dichlorobenzene	96	93	50-111	4	30				
Ethanol	97	94	35-148	4	30				
trans-1,3-Dichloropropene	86	86	60-110	1	30				
cis-1,3-Dichloropropene	89	87	56-112	3	30				
Freon 113	111	104	47-115	8	30				
Batch number: A072781AA	Sample number(s): 5170557-5170558 UNSPK: P174594								
Methyl Tertiary Butyl Ether	83	86	59-119	4	30				
di-Isopropyl ether	83	86	58-113	2	30				
Ethyl t-butyl ether	80	84	60-112	4	30				
t-Amyl methyl ether	79	84	63-112	5	30				
t-Butyl alcohol	95	94	51-134	1	30				
Chloromethane	73	75	38-115	3	30				
Vinyl Chloride	71	76	41-104	7	30				
Bromomethane	71	74	50-114	4	30				
Chloroethane	69	72	52-114	4	30				
Trichlorofluoromethane	82	88	39-122	7	30				
1,1-Dichloroethene	90	97	64-118	8	30				

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Quality Control Summary

Client Name: ConocoPhillips Group Number: 1058509
Reported: 10/15/07 at 06:38 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
Methylene Chloride	101	100	50-127	1	30				
trans-1,2-Dichloroethene	89	93	60-110	4	30				
1,1-Dichloroethane	88	91	65-115	3	30				
cis-1,2-Dichloroethene	85	89	67-110	4	30				
Chloroform	87	90	69-117	4	30				
1,1,1-Trichloroethane	84	89	64-118	6	30				
Carbon Tetrachloride	82	88	56-120	6	30				
Benzene	87	91	66-112	4	30				
1,2-Dichloroethane	88	91	62-130	3	30				
Trichloroethene	85	90	48-131	6	30				
1,2-Dichloropropane	86	90	64-112	4	30				
Bromodichloromethane	84	88	66-119	4	30				
Toluene	86	89	50-121	3	30				
1,1,2-Trichloroethane	86	91	64-118	4	30				
Tetrachloroethene	96	101	40-140	5	30				
Dibromochloromethane	84	89	67-113	5	30				
Chlorobenzene	88	91	58-109	3	30				
Ethylbenzene	86	89	54-116	4	30				
m+p-Xylene	87	90	52-117	3	30				
o-Xylene	87	90	52-117	3	30				
Bromoform	72	77	54-114	6	30				
1,1,2,2-Tetrachloroethane	82	88	37-142	7	30				
1,3-Dichlorobenzene	87	90	47-109	2	30				
1,4-Dichlorobenzene	87	90	47-109	2	30				
1,2-Dichlorobenzene	88	91	50-111	3	30				
Ethanol	101	93	35-148	9	30				
trans-1,3-Dichloropropene	78	81	60-110	4	30				
cis-1,3-Dichloropropene	80	83	56-112	4	30				
Freon 113	94	102	47-115	7	30				
Batch number: W072812AA	Sample number(s): 5170556,5170561 UNSPK: P168840								
Ethanol	100	100	32-164	0	30				
Methyl Tertiary Butyl Ether	111	106	69-127	4	30				
di-Isopropyl ether	111	104	68-129	6	30				
Ethyl t-butyl ether	107	102	78-119	4	30				
t-Amyl methyl ether	104	100	72-125	4	30				
t-Butyl alcohol	102	54*	70-121	62*	30				
Chloromethane	144*	138*	47-133	4	30				
Vinyl Chloride	136*	129	55-130	5	30				
Bromomethane	117	106	52-129	10	30				
Chloroethane	114	106	57-130	7	30				
Trichlorofluoromethane	136	126	67-150	8	30				
1,1-Dichloroethene	138	134	87-145	3	30				
Methylene Chloride	115	107	79-133	7	30				
trans-1,2-Dichloroethene	125	120	82-133	4	30				
1,1-Dichloroethane	118	114	85-135	4	30				
cis-1,2-Dichloroethene	113	108	83-126	4	30				
Chloroform	116	111	83-139	4	30				
1,1,1-Trichloroethane	116	110	81-142	5	30				
Carbon Tetrachloride	114	107	82-149	6	30				
Benzene	162*	170*	83-128	2	30				
1,2-Dichloroethane	114	107	70-143	7	30				
Trichloroethene	115	104	83-136	6	30				

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Quality Control Summary

Client Name: ConocoPhillips Group Number: 1058509
Reported: 10/15/07 at 06:38 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
1,2-Dichloropropane	116	110	83-129	6	30				
Bromodichloromethane	108	105	80-137	3	30				
Toluene	179*	212*	83-127	6	30				
1,1,2-Trichloroethane	104	105	77-125	1	30				
Tetrachloroethene	-10 (2)	-27 (2)	78-133	1	30				
Dibromochloromethane	97	93	82-119	4	30				
Chlorobenzene	103	99	83-120	4	30				
Ethylbenzene	201 (2)	268 (2)	82-129	9	30				
m+p-Xylene	220 (2)	311 (2)	82-130	9	30				
o-Xylene	187 (2)	251 (2)	82-130	9	30				
Bromoform	80	74	64-119	8	30				
1,1,2,2-Tetrachloroethane	90	87	73-121	3	30				
1,3-Dichlorobenzene	103	95	79-123	8	30				
1,4-Dichlorobenzene	101	97	81-122	4	30				
1,2-Dichlorobenzene	98	95	82-117	3	30				
trans-1,3-Dichloropropene	91	87	77-123	5	30				
cis-1,3-Dichloropropene	98	93	80-126	5	30				
Freon 113	123	116	78-146	6	30				
Batch number: W072822AA	Sample number(s): 5170560 UNSPK: P170621								
Ethanol	92		32-164						
Methyl Tertiary Butyl Ether	111		69-127						
di-Isopropyl ether	100		68-129						
Ethyl t-butyl ether	109		78-119						
t-Amyl methyl ether	104		72-125						
t-Butyl alcohol	110		70-121						
Chloromethane	134*		47-133						
Vinyl Chloride	127		55-130						
Bromomethane	118		52-129						
Chloroethane	119		57-130						
Trichlorofluoromethane	169*		67-150						
1,1-Dichloroethene	135		87-145						
Methylene Chloride	107		79-133						
trans-1,2-Dichloroethene	119		82-133						
1,1-Dichloroethane	121		85-135						
cis-1,2-Dichloroethene	111		83-126						
Chloroform	126		83-139						
1,1,1-Trichloroethane	137		81-142						
Carbon Tetrachloride	140		82-149						
Benzene	110		83-128						
1,2-Dichloroethane	133		70-143						
Trichloroethene	120		83-136						
1,2-Dichloropropane	105		83-129						
Bromodichloromethane	121		80-137						
Toluene	108		83-127						
1,1,2-Trichloroethane	101		77-125						
Tetrachloroethene	116		78-133						
Dibromochloromethane	109		82-119						
Chlorobenzene	104		83-120						
Ethylbenzene	110		82-129						
m+p-Xylene	108		82-130						
o-Xylene	106		82-130						
Bromoform	90		64-119						

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Quality Control Summary

Client Name: ConocoPhillips Group Number: 1058509
Reported: 10/15/07 at 06:38 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
1,1,2,2-Tetrachloroethane	94		73-121						
1,3-Dichlorobenzene	107		79-123						
1,4-Dichlorobenzene	107		81-122						
1,2-Dichlorobenzene	105		82-117						
trans-1,3-Dichloropropene	100		77-123						
cis-1,3-Dichloropropene	94		80-126						
Freon 113	130		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 (Waters)
Batch number: 072720007A

	Orthoterphenyl
5170556	54*
5170560	78
5170561	51*
Blank	90
LCS	106
LCSD	108
Limits:	59-131

Analysis Name: TPH-DRO by 8015B
Batch number: 072750014A

	Orthoterphenyl
5170555	86
5170557	96
5170558	87
5170559	92
Blank	93
DUP	513*
LCS	102
MS	489*
Limits:	59-129

Analysis Name: TPH-GRO 8015B - soil
Batch number: 07275A34A

	Trifluorotoluene-F
5170555	81
5170557	84
5170558	81
5170559	79
Blank	89

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Quality Control Summary

Client Name: ConocoPhillips Group Number: 1058509
Reported: 10/15/07 at 06:38 PM

Surrogate Quality Control

LCS	93
MS	86
MSD	85
Limits:	61-122

Analysis Name: TPH-GRO 8015B - water
Batch number: 07276B54A

	Trifluorotoluene-F
5170556	82
Blank	89
LCS	91
LCSD	92
MS	93
Limits:	63-135

Analysis Name: TPH-GRO 8015B - water
Batch number: 07277B53A

	Trifluorotoluene-F
5170560	96
5170561	81
Blank	83
LCS	89
LCSD	89
MS	88
Limits:	63-135

Analysis Name: EPA SW846/8260 (soil)
Batch number: A072772AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5170555	91	88	94	84
5170559	90	85	91	106
Blank	91	89	93	84
LCS	91	88	93	85
MS	92	90	93	85
MSD	92	91	93	85
Limits:	71-114	70-109	70-123	70-111

Analysis Name: EPA SW846/8260 (soil)
Batch number: A072781AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5170557	89	88	94	81
5170558	89	85	95	81
Blank	90	89	93	83
LCS	92	93	92	85
MS	91	87	94	85
MSD	91	89	93	85
Limits:	71-114	70-109	70-123	70-111

Analysis Name: EPA SW846/8260 (water)

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Quality Control Summary

Client Name: ConocoPhillips Group Number: 1058509
Reported: 10/15/07 at 06:38 PM

Surrogate Quality Control

Batch number: W072812AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5170556	96	95	96	91
5170561	95	92	95	90
Blank	95	91	94	89
LCS	96	93	97	93
MS	93	94	95	93
MSD	93	86	96	92
Limits:	80-116	77-113	80-113	78-113

Analysis Name: EPA SW846/8260 (water)
Batch number: W072822AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5170560	97	86	100	99
Blank	100	97	96	90
LCS	98	92	98	97
LCSD	98	89	96	94
MS	98	94	95	97
Limits:	80-116	77-113	80-113	78-113

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Account# 12258 Group# 1058509 Sample# 5170555-61

ATC ASSOCIATES INC.

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

CHAIN OF COUSTODY FORM

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

Project Name: 251028
Client: Co?
Project Number: 34.75118.3105
Task: 75??
Global I.D.:
Project Address: 53?? Broadway, Oakland CA
Laboratory: Lancaster Labs
Contact: Megan Meller
Lab Address/Phone: Lancaster PA 717 656 2300
ATC Project Manager: Wayne ??? ???@atcassociates.com
ATC PM Ph. No.: ~~(925) 225~~ 5?? ??? ????
Email: @atc-enviro.com
ATC Sampler: JF
Phone: (925) 225- 7510

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		
ATC-2 D 5'	9/27/07	925	X			1	liner					X	X	X		X						X		
ATC-2 W	↓	940		X		8	VOA/LAG	HCl/				↓	↓	↓		↓						↓		
ATC-4 D 10'	↓	810	X			1	liner					↓	↓	↓		↓						↓		
ATC-5 D 10'	↓	1140	X			↓	liner					↓	↓	↓		↓						↓		
ATC-5 D 5'	↓	1140	X			↓	↓					↓	↓	↓		↓						↓		
ATC-5 W	↓	1155		X		8	VOA/LAG	HCl/				↓	↓	↓		↓						↓		
B-2	9/27	0950		X		8						X	X	X		X						X		
↳ analyze per JF																								

Additional Comments: Enfos #4880

EDF Format ☐

Relinquished By: [signature] Date/Time: 9/27/07 1230 Received By: Joe Palacios Date/Time: 9/27/07
Relinquished By: Date/Time: Received By: Date/Time:
Relinquished By: Date/Time: Received By: Deborah A Nidel Date/Time: 9/28/07 0915

Sample Condition. Good? (Yes) __ No __ On Ice? (Yes) __ No __ Cooler Temp 3.0-3.4°C Transportation Method:

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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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