



**CONESTOGA-ROVERS
& ASSOCIATES**

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8:26 am, May 15, 2007

Alameda County
Environmental Health

5900 Hollis Street, Suite A, Emeryville, California 94608
Telephone: 510-420-0700 Facsimile: 510-420-9170
www.CRAworld.com

May 14, 2007

Mr. Barney Chan
Hazardous Materials Specialist
Alameda County Environmental Health Services (ACEHS)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Re: **Well Installation Report**
Former Signal Oil Service Station (Chevron Site #20-6145)
800 Center Street
Oakland, California
CRA Project No. 312002

Dear Mr. Chan:

Conestoga-Rovers & Associates (CRA) prepared this *Well Installation Report* for the subject site (Figure 1) on behalf of Chevron Environmental Management Company (Chevron) in response to a February 2007 letter from ACEHS (Attachment A). CRA installed nine new groundwater monitoring wells each completed between specific 5-foot depth intervals ranging from 40 to 75 feet below grade (fbg) (Figure 2). A summary of CRA's well installation activities is presented below.

WELL INSTALLATION ACTIVITIES

Previously acquired data depicted an unusual vertical profile of hydrocarbon concentrations in groundwater. In response to an ACEHS request, CRA has installed nine clustered monitoring wells to further define the vertical profile of hydrocarbons. Eight wells screened from 35-40 fbg or 55-60 fbg will achieve repeatable depth-discrete groundwater samples. Well MW-17 was screened from 70-75 fbg in an attempt to define the maximum depth of the hydrocarbon profile. These properly completed and developed wells will insure samples from specific depths without a greatly reduced possibility of cross-contamination from impacted upper zones.

Site Health and Safety Plan: CRA prepared a comprehensive site health and safety plan to protect site workers. The plan was reviewed and signed by all site workers and visitors and kept onsite at all times during the field work.

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Permit: The well installation was completed under Alameda County Public Works Agency – Water Resources (ACPWA) permit numbers W2007-0494 to W2007-0502 (Attachment B).

Drilling Dates: CRA conducted drilling between April 9-13, 2007.

Personnel: CRA's Staff Geologists Jonathan Williams and Ian Hull conducted the field work under the supervision of CRA Project Manager Charlotte Evans and California Professional Geologist Robert Foss (P.G. #7445).

Drilling Company: CRA contracted Gregg Drilling & Testing, Inc. (Gregg) of Martinez, California (C57 #485165) to install the wells.

Underground Utility Location: Prior to drilling, CRA contacted Underground Service Alert (USA) to clear the proposed well location and to identify the locations of any underground utilities beneath the site. Prior to the advancement of mechanical devices (i.e. hollow-stem augers), Gregg cleared the well locations to 8 fbg using an air-knife-assisted vacuum truck.

Number of Wells: CRA installed MW-9 through MW-17 (Figure 2).

Drilling and Sampling: Following clearance to 8 fbg, Gregg drilled the wells using 8-inch diameter hollow-stem augers to either 40, 60, or 75 fbg. CRA personnel logged the soil lithology and collected soil samples for laboratory analysis at approximately 5-foot intervals.

Sediment Lithology: Subsurface lithology consisted of medium permeability sand and silty sand to the maximum depth explored. Silt, with thin clayey silt and silty clay stringers occur between approximately 50 and 65fbg. Groundwater was first encountered at approximately 15 fbg. Boring logs, graphically displaying the soils encountered, sample intervals and well construction details, are included in Attachment C.

Well Construction: The wells are screened with 5-foot sections of 0.010-inch slotted, 2-inch diameter, Schedule-40 polyvinyl chloride (PVC) pipe placed at the bottom of the borings with blank PVC casing extending to the surface. Monterey #2/12 sand fills the annular space from the bottom of the borings to two feet above the top of the well screen. A two-foot bentonite seal was placed above the sand-pack. The wells were completed with Portland type I/II cement filling the annular space to just below grade. Traffic-rated steel well boxes placed in a



concrete cap protect the wells at the ground surface. The boring logs included in Attachment C show well construction details.

Laboratory Analysis: As each soil sample was collected, CRA personnel capped and labeled the brass tube, logged the sample on a chain of custody form, and placed the sample on ice in a cooler. When the field activities were completed, the samples were transported, under chain of custody, to Lancaster Laboratories of Lancaster, Pennsylvania for the following analyses.

- Total petroleum hydrocarbons as gasoline (TPHg) and Total petroleum hydrocarbons as diesel (TPHd) by EPA Method 8015M (with silica gel cleanup).
- Benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8260B.

Table 1 summarizes the soil analytic results and table 2 summarizes the groundwater analytic results. Soil analytic results are included as Attachment D. Groundwater analytic results are included as Attachment E.

Well Development and Sampling: On April 20th, Gettler-Ryan, Inc. (GR) of Dublin, California developed and sampled the new wells.

Well Survey: Morrow Surveying of West Sacramento, California is scheduled to survey these new wells on May 8th. The survey report will provide top of casing elevations, along with latitude and longitude of the new wells with respect to mean sea level.

Soil and Water Disposal: CRA stored soil cuttings and rinse water generated during the field activities on-site in labeled, DOT-approved, 55-gallon steel drums. After reviewing the analytic results for profile samples, Integrated Wastestream Management (IWM) of San Jose, California transported the soil and water to appropriate Chevron-approved facilities for disposal.

Well Completion Reports: Department of Water Resources (DWR) Well Completion Reports are confidential documents and are therefore not included in this report. CRA will submit these forms to the DWR and copies maintained in our files will be made available for agency review upon request.



PETROLUUM HYDROCARBON DISTRIBUTION IN SOIL

The highest TPHg concentration detected in soil was 7,300 milligrams per kilogram (mg/kg) at 9.5 fbg in MW-17. TPHg was detected at depths down to 49.5 fbg at 1.5 mg/kg in MW-14. The highest TPHd and benzene concentrations were also in MW-17 at 710 mg/kg and 7.2 mg/kg, respectively. TPHd was not detected below 14.5 fbg in any of the samples. Benzene was detected at 59.5 fbg at 0.0006mg/kg in MW-17.

PETROLEUM HYDROCARBON DISTRIBUTION IN GROUNDWATER

TPHg, TPHd and benzene were detected in all wells. The highest TPHg and benzene concentrations detected in groundwater were 16,000 µg/L and 550 µg/L, respectively, from well MW-14, screened from 55-60 fbg, in the southwest corner of the site. MW-16, screened from 55-60 fbg reported the highest concentration of TPHd at 2,200 µg/L.

The first groundwater sampling event was performed on April 20, 2007. The second and third groundwater sampling events will be performed at 2-month intervals to evaluate if elevated levels of hydrocarbons at depth are consistent with the current results.



CLOSING

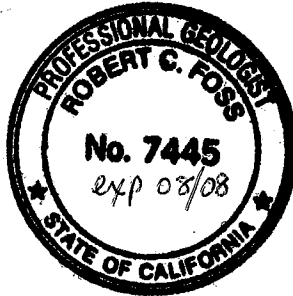
We appreciate the opportunity to work with you on this project. Should you have any questions, please contact Charlotte Evans at CRA at (510) 420-3351 or Satya Sinha at Chevron at (925) 842-9876.

Sincerely,

Conestoga-Rovers & Associates

Ian Hull

Robert Foss, PG #7445



Figures: 1 – Vicinity Map
2 – Site Plan

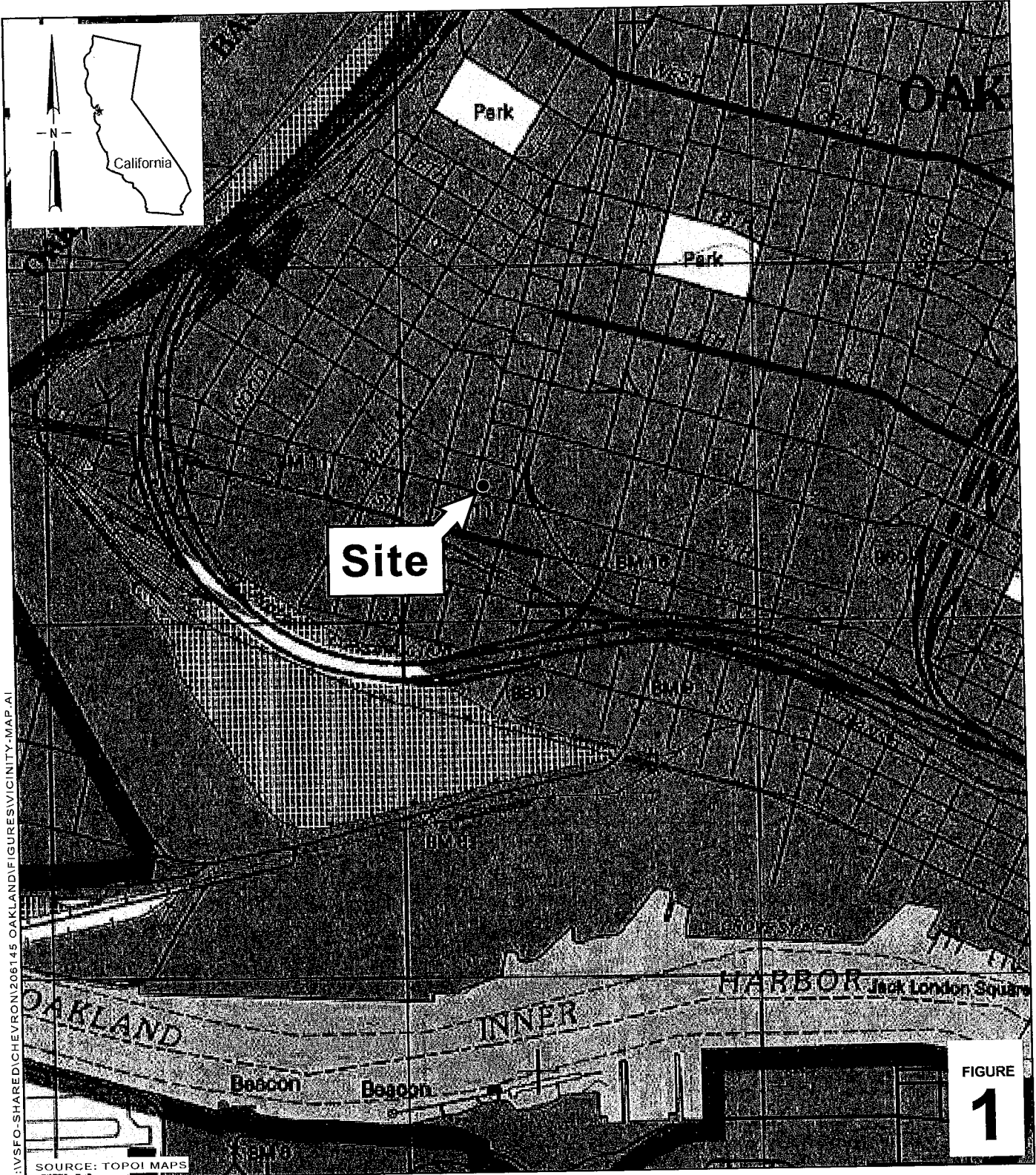
Tables: 1 – Analytic Results for Soil
2 – Analytic Results for Groundwater

Attachments: A – Regulatory Correspondence
B – Permits
C – Boring Logs
D – Soil Analytic Data
E – Groundwater Analytic Data

cc: Mr. Satya Sinha, Chevron Environmental Management Company, P.O. Box 6012, San Ramon, CA 94583
Mr. Rene Boisvert. 800 Center LLC, 484 Lake Park Avenue #246, Oakland, CA 94610

I:\Chevron\206145 Oakland\2007 Investigation\20-6145 Deep Well Installation Report.05.07.doc

Conestoga-Rovers & Associates (CRA) prepared this document for use by our client and appropriate regulatory agencies. It is based partially on information available to CRA from outside sources and/or in the public domain, and partially on information supplied by CRA and its subcontractors. CRA makes no warranty or guarantee, expressed or implied, included or intended in this document, with respect to the accuracy of information obtained from these outside sources or the public domain, or any conclusions or recommendations based on information that was not independently verified by CRA. This document represents the best professional judgment of CRA. None of the work performed hereunder constitutes or shall be represented as a legal opinion of any kind or nature.



I:\SFO-SHARED\CHEVRON\206145 OAKLAND\FIGURES\VICINITY.MAP.A1

SOURCE: TOPOI MAPS

FIGURE 1

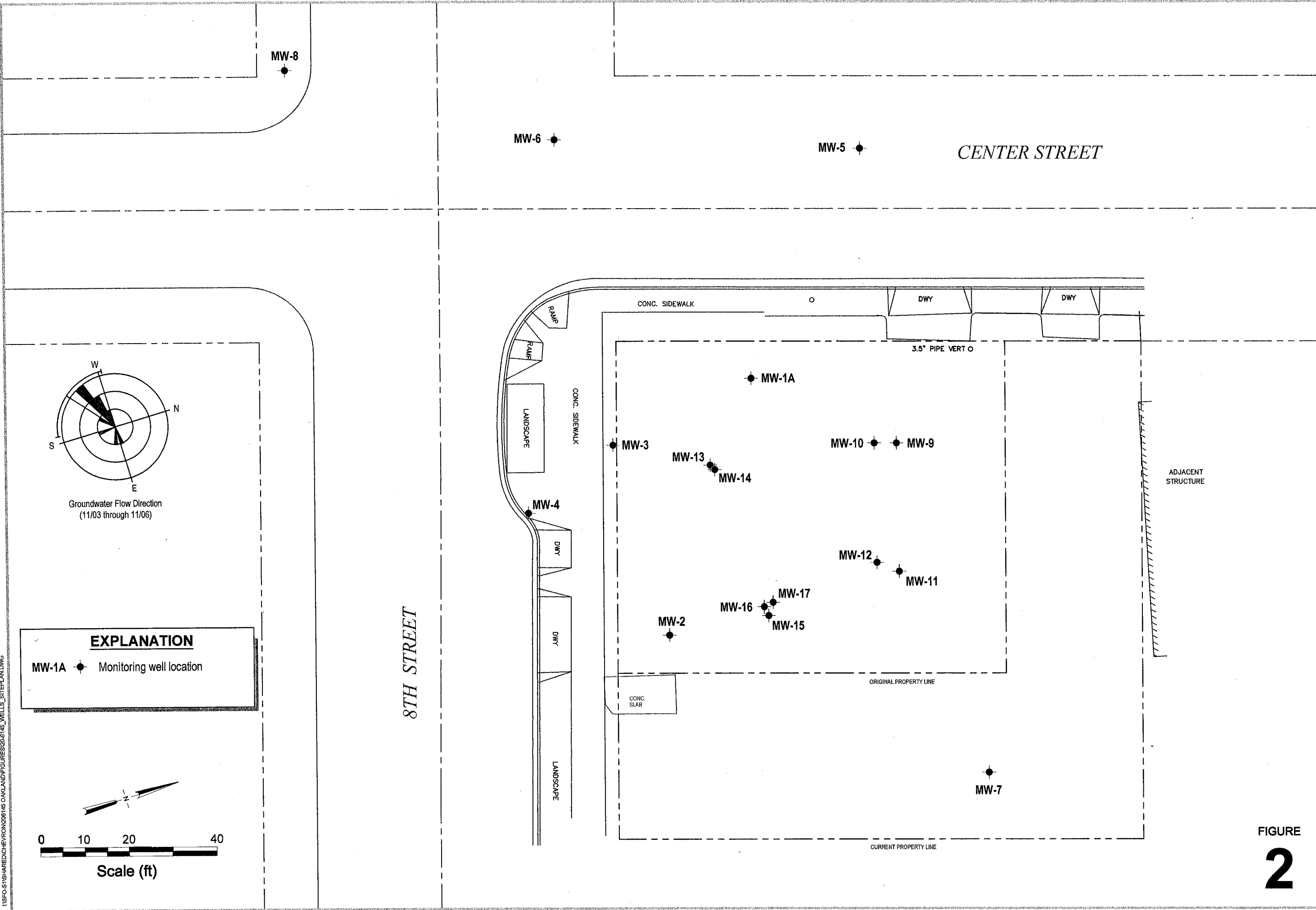
0 1/8 1/4 1/2 1
SCALE : 1" = 1/4 MILE

Chevron Station No. 206145
800 Center Street
Oakland, California



CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map



\\SFO-S1\SHARE\EDICHE\FROM2006\45 OAKLAND\FIGURES\20-6145_WELLS_SITEPLAN.DWG



CONESTOGA-ROVERS & ASSOCIATES

Former Chevron Station No. 20-6145

800 Center Street
Oakland, California

FIGURE
2

CONESTOGA-ROVERS & ASSOCIATES

**Table 1. Analytic Results for Soil - Former Signal Oil Service Station 20-6145,
800 Center Street, Oakland, CA**

Sample ID	Sample Date	Sample Depth (fbg)	TPHd	TPHg	B	T	E	X
Concentrations reported in milligrams per kilogram (mg/kg)								
MW-9	4/9/07	14.5	<4.0	1.6	<0.0005	<0.001	<0.001	<0.001
MW-9	4/9/07	19.5	<4.0	7.1	0.001	<0.001	0.001	0.001
MW-9	4/9/07	24.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001
MW-9	4/9/07	29.5	<4.0	<1.0	<0.0005	0.001	<0.001	<0.001
MW-9	4/9/07	34.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001
MW-9	4/9/07	39.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001
MW-10	4/10/07	41.5	<4.0	2.5	<0.0005	<0.001	<0.001	<0.001
MW-10	4/10/07	44.5	<4.0	<1.0	<0.0005	0.001	<0.001	<0.001
MW-10	4/10/07	49.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001
MW-10	4/10/07	54.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001
MW-10	4/10/07	59.5	<4.0	<1.0	<0.0005	0.003	<0.001	0.005
MW-11	4/9/07	9.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001
MW-11	4/9/07	14.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001
MW-11	4/9/07	19.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001
MW-11	4/9/07	24.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001
MW-11	4/9/07	29.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001
MW-11	4/9/07	34.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001
MW-11	4/9/07	39.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001
MW-12	4/10/07	39.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001
MW-12	4/10/07	44.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001
MW-12	4/10/07	49.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001
MW-12	4/10/07	54.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001
MW-12	4/10/07	59.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001
MW-14	4/11/07	9.0	33	3,400	0.23	35	34	180
MW-14	4/11/07	14.5	13	880	0.062	0.12	0.12	0.12
MW-14	4/11/07	19.5	<4.0	7.3	<0.0005	<0.001	<0.001	<0.001
MW-14	4/11/07	24.5	<4.0	1.2	<0.0005	<0.001	<0.001	<0.001
MW-14	4/11/07	29.5	<4.0	<1.0	<0.0005	0.002	<0.001	0.001
MW-14	4/11/07	34.5	<4.0	<1.0	<0.0005	0.002	<0.001	0.001
MW-14	4/11/07	39.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001
MW-14	4/11/07	44.5	<4.0	2.1	0.0005	0.004	<0.001	0.004
MW-14	4/11/07	49.5	<4.0	1.5	0.004	0.011	0.005	0.024
MW-14	4/11/07	54.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001
MW-14	4/11/07	59.5	<4.0	<1.0	<0.0005	0.001	<0.001	<0.001
MW-17	4/13/07	9.5	710	7,300	7.2	330	150	650
MW-17	4/13/07	14.5	<4.0	1.5	0.003	0.002	0.002	0.005
MW-17	4/13/07	19.5	<4.0	<1.0	<0.0005	0.004	0.002	0.001
MW-17	4/13/07	24.5	<4.0	<1.0	<0.0005	0.001	<0.001	<0.001
MW-17	4/13/07	29.5	<4.0	<1.0	<0.0005	0.002	<0.001	0.001
MW-17	4/13/07	34.5	<4.0	<1.0	<0.0005	0.001	<0.001	<0.001
MW-17	4/13/07	39.5	<4.0	<1.0	<0.0005	0.003	<0.001	0.003
MW-17	4/13/07	44.5	<4.0	3.1	0.002	0.032	0.014	0.032

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**Table 1. Analytic Results for Soil - Former Signal Oil Service Station 20-6145,
800 Center Street, Oakland, CA**

Sample ID	Sample Date	Sample Depth (fbg)	TPHd	TPHg	B	T	E	X
Concentrations reported in milligrams per kilogram (mg/kg)								
MW-17	4/13/07	49.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001
MW-17	4/13/07	54.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001
MW-17	4/13/07	59.5	<4.0	<1.0	0.0006	0.004	<0.001	0.001
MW-17	4/13/07	64.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001
MW-17	4/13/07	69.5	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001
MW-17	4/13/07	74.5	<4.0	<1.0	<0.0005	0.002	<0.001	<0.001

Abbreviations/Notes:

Total Petroleum Hydrocarbons as diesel (TPHd) by EPA Method 8015M w/ silca gel cleanup

Total Petroleum Hydrocarbons as gasoline (TPHg) by EPA Method 8015M

Benzene, toluene, ethylbenzene, and xylene (BTEX) by EPA Method 8260B

fbg = feet below grade

<x = Not detected above method detection limit

CONESTOGA-ROVERS & ASSOCIATES

Table 2. Analytic Results for Groundwater - Former Signal Oil Service Station 20-6145
800 Center Street, Oakland, CA

Sample ID	Sample Date	Interval (fbg)	TPHd	TPHg	B	T	E	X
Concentrations reported in micrograms per liter (µg/l)								
MW-9	4/20/07	35-40	1,100	4,100	28	6.9	9.2	240
MW-10	4/20/07	55-60	260	1,200	29	31	11	140
MW-11	4/20/07	35-40	350	77	<2.0	4.6	<0.5	3.2
MW-12	4/20/07	55-60	430	400	2.3	40	14	49
MW-13	4/20/07	35-40	140	650	16	23	7.5	61
MW-14	4/20/07	55-60	2,000	16,000	550	1,600	620	2,400
MW-15	4/20/07	35-40	720	240	1.0	1.3	<0.5	20
MW-16	4/20/07	55-60	2,200	15,000	87	1,200	500	2,000
MW-17	4/20/07	70-75	1,300	7,400	66	880	300	1,300

Abbreviations/Notes:

Total Petroleum Hydrocarbons as diesel (TPHd) by EPA Method 8015M w/ silica gel cleanup

Total Petroleum Hydrocarbons as gasoline (TPHg) by EPA Method 8015M

Benzene, toluene, ethylbenzene, and xylene (BTEX) by EPA Method 8260B

fbg = feet below grade

<x = Not detected above method detection limit



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& ASSOCIATES**

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ATTACHMENT A

Regulatory Correspondence

REGISTERED COMPANY
ISO 9001
ENGINEERING DESIGN

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director

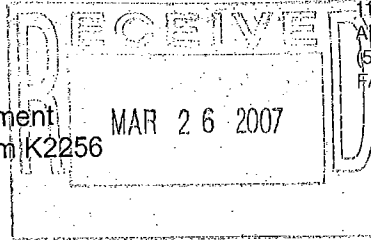


ENVIRONMENTAL HEALTH SERVICES

ENVIRONMENTAL PROTECTION
1181 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

March 21, 2007

Mr. Satya Sinha
Chevron Environmental Management
6001 Bollinger Canyon Rd., Room K2256
San Ramon, CA 94583



Mr. Rene Boisvert
Boulevard Equity Group
484 Lakepark Ave. #246
Oakland, CA 94610

Dear Messrs. Sinha and Boisvert:

Subject: Fuel Leak Case No. RO0000454, Chevron #20-6145 / SIGNAL SS,
800 Center St., Oakland CA 94607

Alameda County Environmental Health (ACEH) staff has recently reviewed the case file for the subject site including the March 5, 2007 Workplan for Additional Subsurface Investigation by Cambria. The work plan provides a sampling method to verify the previous groundwater sampling results, which indicated petroleum contamination to depths of 72' bgs. Four nested well locations are proposed in this investigation. Two nested wells in these locations are proposed screened from 35-40' bgs and 55-60' bgs plus one additional well in the southwest portion of the site screened from 70-75' bgs. We have the following technical comments we request you address when performing this work.

TECHNICAL COMMENTS

1. Nested wells have been shown to have difficulty in installing reliable seals between the well screens by U.S. EPA. Therefore, our agency does not concur with your proposal of these wells. We recommend the installation of well clusters or Continuous Mutichannel Tubing (CMT) in order to sample groundwater at different depths. Please confirm that an alternative monitoring method will be done as requested below.
2. In an effort to expedite this evaluation, we request that groundwater sampling from the newly installed wells be performed on two-month intervals. We feel that a decision can be made after three sampling events ie four months after installation. Please submit a new Feasibility Study/Corrective Action Plan as requested below. The FS/CAP should propose cleanup levels and goals for soil and groundwater and should evaluate three alternatives besides monitored natural attenuation (MNA) and no action.

TECHNICAL REPORT REQUEST

Please submit the following technical reports according to the following schedule:

- April 6, 2007- Description of alternative monitoring method.
- May 14, 2007- Well Construction and Multi-level Groundwater Monitoring Report

Messrs. Sinha and Boisvert
March 21, 2007
Page 2

- August 1, 2007- 2nd Multi-level Groundwater Monitoring Report
- October 1, 2007-3rd Multi-level Groundwater Monitoring Report
- November 1, 2007- Feasibility Study/Corrective Action Plan

ELECTRONIC SUBMITTAL OF REPORTS

Effective **January 31, 2006**, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Please do not submit reports as attachments to electronic mail.

Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at barney.chan@acgov.org.

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the

Messrs. Sinha and Boisvert
March 21, 2007
Page 3

professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

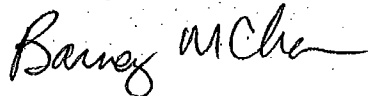
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

If you have any questions, please call me at (510) 567-6765.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

cc: files, D. Drogos
Ms. Charlotte Evans, Cambria Environmental, 5900 Hollis St., Suite A, Emeryville,
CA 94608
Mr. Hollis Rodgers, 215 W. MacArthur Blvd., Apt. #434, Oakland, CA 94611
Ms. Nancy Nadel, City of Oakland, City Hall, 1 Frank Ogawa Plaza, Oakland,
CA 94612



**CONESTOGA-ROVERS
& ASSOCIATES**

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ATTACHMENT B

Permits

REGISTERED COMPANY
ISO 9001
ENGINEERING DESIGN

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: 04/04/2007 By jamesy

Permit Numbers: W2007-0494 to W2007-0502
Permits Valid from 04/09/2007 to 04/13/2007

Application Id: 1175547017113
Site Location: 800 Center Street
Oakland, CA
Site is a vacant lot.
Project Start Date: 04/09/2007

City of Project Site: Oakland

Completion Date: 04/13/2007

Applicant: Cambria Environmental Technology - Ian Hull
5900 Hollis Street, Suite A, Emeryville, CA 94608
Property Owner: Rene Boisvert
484 Lake Park Avenue, #246, Oakland, CA 94610
Client: Environmental Management Company Chevron
P.O. Box 6012, San Ramon, CA 94583
Contact: Ian Hull

Phone: 510-420-3344

Phone: 510-444-8240

Phone: --

Phone: 510-420-3344
Cell: 510-376-2749

Total Due: \$2700.00
Total Amount Paid: \$2700.00
Payer Name : Cambria Environmental Technology, Inc. **Paid By:** CHECK **PAID IN FULL**

Works Requesting Permits:

Well Construction-Monitoring-Monitoring - 9 Wells
Driller: Gregg Drilling & Testing, Inc. - Lic #: 485165 - Method: hstem

Work Total: \$2700.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth
W2007-0494	04/04/2007	07/08/2007	MW-10	8.00 in.	2.00 in.	2.00 ft	65.00 ft
W2007-0495	04/04/2007	07/08/2007	MW-11	8.00 in.	2.00 in.	2.00 ft	45.00 ft
W2007-0496	04/04/2007	07/08/2007	MW-12	8.00 in.	2.00 in.	2.00 ft	65.00 ft
W2007-0497	04/04/2007	07/08/2007	MW-13	8.00 in.	2.00 in.	2.00 ft	45.00 ft
W2007-0498	04/04/2007	07/08/2007	MW-14	8.00 in.	2.00 in.	2.00 ft	65.00 ft
W2007-0499	04/04/2007	07/08/2007	MW-15	8.00 in.	2.00 in.	2.00 ft	45.00 ft
W2007-0500	04/04/2007	07/08/2007	MW-16	8.00 in.	2.00 in.	2.00 ft	65.00 ft
W2007-0501	04/04/2007	07/08/2007	MW-17	8.00 in.	2.00 in.	2.00 ft	80.00 ft
W2007-0502	04/04/2007	07/08/2007	MW-9	8.00 in.	2.00 in.	2.00 ft	45.00 ft

Specific Work Permit Conditions

1. 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.

Alameda County Public Works Agency - Water Resources Well Permit

2. Permittee, 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.
 3. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.
 4. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Including permit number and site map.
 5. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 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.
 6. Wells shall have a Christy box or similar structure with a locking cap or cover. Well(s) shall be kept locked at all times. Well(s) that become damaged by traffic or construction shall be repaired in a timely manner or destroyed immediately (through permit process). No well(s) shall be left in a manner to act as a conduit at any time.
 7. Minimum surface seal thickness is two inches of cement grout placed by tremie
 8. Minimum seal (Neat Cement seal) depth for monitoring wells is 5 feet below ground surface(BGS) or the maximum depth practicable or 20 feet.
 9. 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.
-



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ATTACHMENT C

Boring Logs

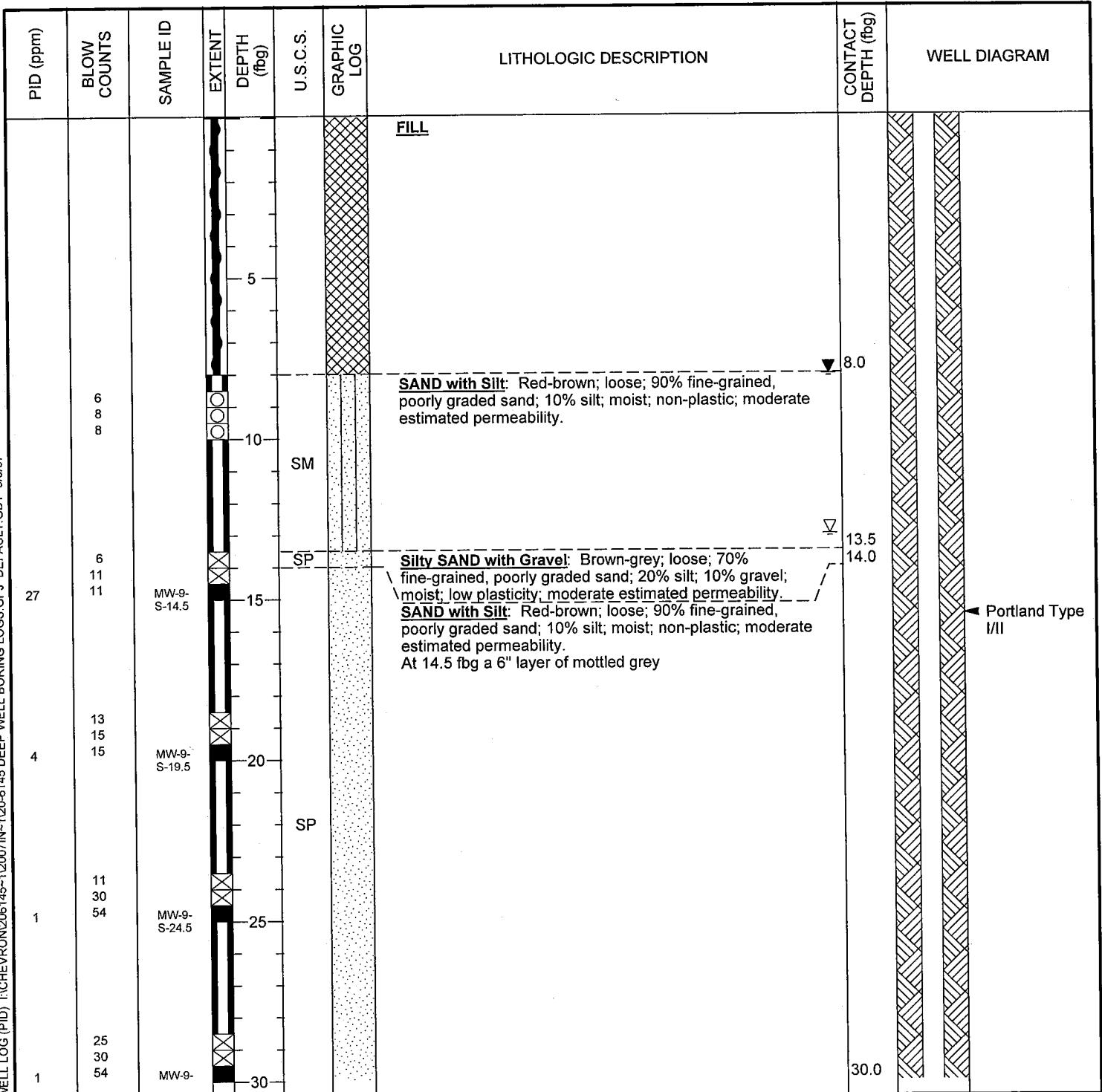
REGISTERED COMPANY
ISO 9001
ENGINEERING DESIGN



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 Fax: 510-420-9170

BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	BORING/WELL NAME	MW-9
JOB/SITE NAME	20-6145	DRILLING STARTED	09-Apr-07
LOCATION	800 Center Street, Oakland CA	DRILLING COMPLETED	09-Apr-07
PROJECT NUMBER	312002	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hollow-stem auger	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	8"	SCREENED INTERVALS	35 to 40 fbg
LOGGED BY	I. Hull	DEPTH TO WATER (First Encountered)	13.0 fbg (09-Apr-07)
REVIEWED BY	B. Foss, RG# 7445	DEPTH TO WATER (Static)	8.03 fbg (20-Apr-07)
REMARKS	Cleared to 8 fbg with air knife.		



WELL LOG (PID) I:\CHEVRON\206145-112007IN-120-6145 DEEP WELL BORING LOGS.GPJ DEFAULT.GDT 5/9/07



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BORING/WELL LOG

CLIENT NAME	<u>Chevron Environmental Management Company</u>	BORING/WELL NAME	<u>MW-9</u>
JOB/SITE NAME	<u>20-6145</u>	DRILLING STARTED	<u>09-Apr-07</u>
LOCATION	<u>800 Center Street, Oakland CA</u>	DRILLING COMPLETED	<u>09-Apr-07</u>

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
1	31 50 55	S-29.5 MW-9-S-34.5		35	SP				
0	15 21 53	MW-9-S-39.5		40			At 39.5 fbg Increase in dark detritus	40.0	Bottom of Boring @ 40 fbg

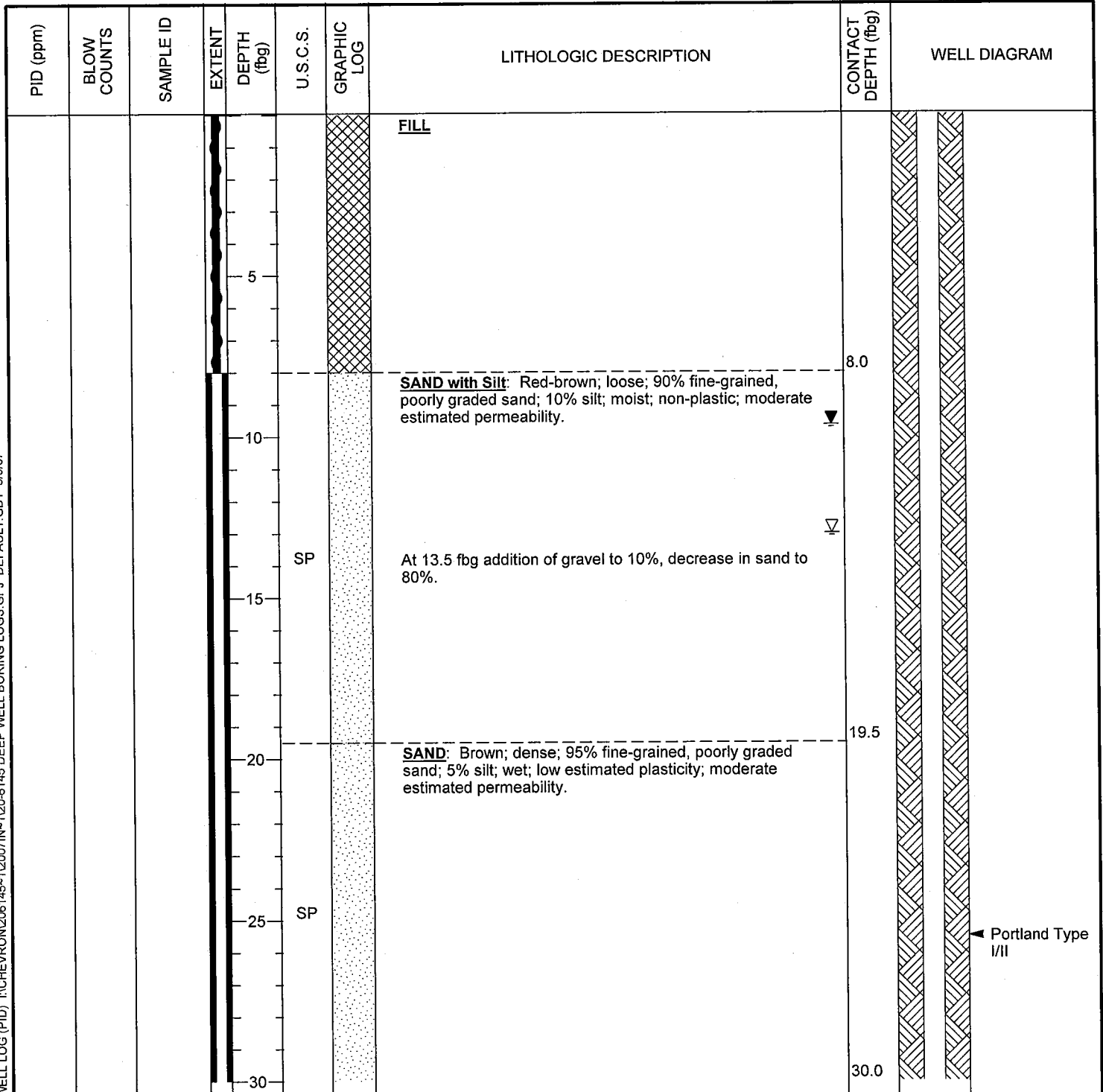
WELL LOG (PID) I:\CHEVRON\206145-12007IN-120-6145 DEEP WELL BORING LOGS.GPJ DEFAULT.GDT 5/9/07



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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	BORING/WELL NAME	MW-10
JOB/SITE NAME	20-6145	DRILLING STARTED	10-Apr-07
LOCATION	800 Center Street, Oakland CA	DRILLING COMPLETED	10-Apr-07
PROJECT NUMBER	312002	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hollow-stem auger	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	8"	SCREENED INTERVALS	55 to 60 fbg
LOGGED BY	I. Hull	DEPTH TO WATER (First Encountered)	13.0 fbg (09-Apr-07)
REVIEWED BY	B. Foss, RG# 7445	DEPTH TO WATER (Static)	9.64 fbg (20-Apr-07)
REMARKS	Cleared to 8 fbg with air knife.		



WELL LOG (PID) I:\CHEVRON\206145-120-6145 DEEP WELL BORING LOGS.GPJ DEFAULT.GDT 5/9/07

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	BORING/WELL NAME	MW-10
JOB/SITE NAME	20-6145	DRILLING STARTED	10-Apr-07
LOCATION	800 Center Street, Oakland CA	DRILLING COMPLETED	10-Apr-07

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
1	50 50 50	MW-10 -S-41.5	X	35 40			At 39.5 fbg increase in dark detritus		
0	50 50 55	MW-10 -S-44.5	X	45	SP				
1	50 50 50	MW-10 -S-49.5	X	50					
0	33 50 50	MW-10 -S-54.5	X	55			At 53.5 fbg color change to grey		
0	23 50 55	MW-10 -S-59.5	X	60	SM		Silty SAND: Grey; very dense; 85% fine-grained, poorly graded sand; 15% silt; wet; non-plastic; moderate estimated permeability.	59.5 60.0	<p>Bentonite Seal</p> <p>Monterey Sand #2/12</p> <p>2"-diam., 0.010" Slotted Schedule 40 PVC</p> <p>Bottom of Boring @ 60 fbg</p>

WELL LOG (PID) I:\CHEVRON\206145-1\2007\IN-120-6145 DEEP WELL BORING LOGS.GPJ DEFAULT.GDT 5/9/07



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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	BORING/WELL NAME	MW-11
JOB/SITE NAME	20-6145	DRILLING STARTED	09-Apr-07
LOCATION	800 Center Street, Oakland CA	DRILLING COMPLETED	09-Apr-07
PROJECT NUMBER	312002	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hollow-stem auger	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	8"	SCREENED INTERVALS	35 to 40 fbg
LOGGED BY	I. Hull	DEPTH TO WATER (First Encountered)	14.0 fbg (09-Apr-07)
REVIEWED BY	B. Foss, RG# 7445	DEPTH TO WATER (Static)	8.80 fbg (20-Apr-07)
REMARKS	Cleared to 8 fbg with air knife.		

WELL LOG (PID) I:\CHEVRON\206145-1\2007\N-120-6145 DEEP WELL BORING LOGS.GPJ DEFAULT.GDT 5/9/07

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
26	19 16 23	MW-11 -S-9.5	9.5			SAND: Red-brown; 95% fine-grained, poorly graded sand; 5% silt; moist; non-plastic; moderate estimated permeability.		
1	6 12 16	MW-11 -S-14.5	14.5	SP		At 14.5 fbg color change to grey		
0	9 8 15	MW-11 -S-19.5	19.5					
0	21 50 50	MW-11 -S-24.5	24.5					
0	31 50 50	MW-11	30					

Portland Type I/II



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BORING/WELL LOG

CLIENT NAME	<u>Chevron Environmental Management Company</u>	BORING/WELL NAME	<u>MW-11</u>
JOB/SITE NAME	<u>20-6145</u>	DRILLING STARTED	<u>09-Apr-07</u>
LOCATION	<u>800 Center Street, Oakland CA</u>	DRILLING COMPLETED	<u>09-Apr-07</u>

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0	42 50 55	MW-11 -S-34.5	35	SP		At 34.5 fbg color change to red-brown		<p>Bentonite Seal</p> <p>Monterey Sand #2/12</p> <p>2"-diam., 0.010" Slotted Schedule 40 PVC</p> <p>Bottom of Boring @ 40 fbg</p>
0	31 54 56	MW-11 -S-39.5	40			At 39.5 fbg increase in dark detritus	40.0	

WELL LOG (PID) \\VCHEVRON206145-12007IN-120-6145 DEEP WELL BORING LOGS.GPJ DEFAULT.GDT 5/9/07



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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	BORING/WELL NAME	MW-12
JOB/SITE NAME	20-6145	DRILLING STARTED	10-Apr-07
LOCATION	800 Center Street, Oakland CA	DRILLING COMPLETED	10-Apr-07
PROJECT NUMBER	312002	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hollow-stem auger	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	8"	SCREENED INTERVALS	55 to 60 fbg
LOGGED BY	I. Hull	DEPTH TO WATER (First Encountered)	14.0 fbg (10-Apr-07) ▽
REVIEWED BY	B. Foss, RG# 7445	DEPTH TO WATER (Static)	5.58 fbg (20-Apr-07) ▽
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
			0			SAND: Red-brown; 95% fine-grained, poorly graded sand; 5% silt; moist; non-plastic; moderate estimated permeability.		
			5				▽	
			10					
			15	SP		At 14.5 fbg color change to grey	▽	
			20					
			25					
			30					
							30.0	Portland Type I/II

WELL LOG (PID) I:\CHEVRON\206145-1\2007IN-1\20-6145 DEEP WELL BORING LOGS GP.J DEFAULT.GDT 5/9/07

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	BORING/WELL NAME	MW-12
JOB/SITE NAME	20-6145	DRILLING STARTED	10-Apr-07
LOCATION	800 Center Street, Oakland CA	DRILLING COMPLETED	10-Apr-07

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
12	40 50 55	MW-12 -S-39.5		40			At 34.5 fbg color change to red-brown At 39 fbg increase in dark detritus		
1	25 50 54	MW-12 -S-44.5		45	SP				
0	56 40 44	MW-12 -S-49.5		50					
0	25 50 55	MW-12 -S-54.5		55			At 54 fbg color change to dark grey		
0	17 50 54	MW-12 -S-59.5		60				60.0	<ul style="list-style-type: none"> Bentonite Seal Monterey Sand #2/12 2"-diam., 0.010" Slotted Schedule 40 PVC Bottom of Boring @ 60 fbg

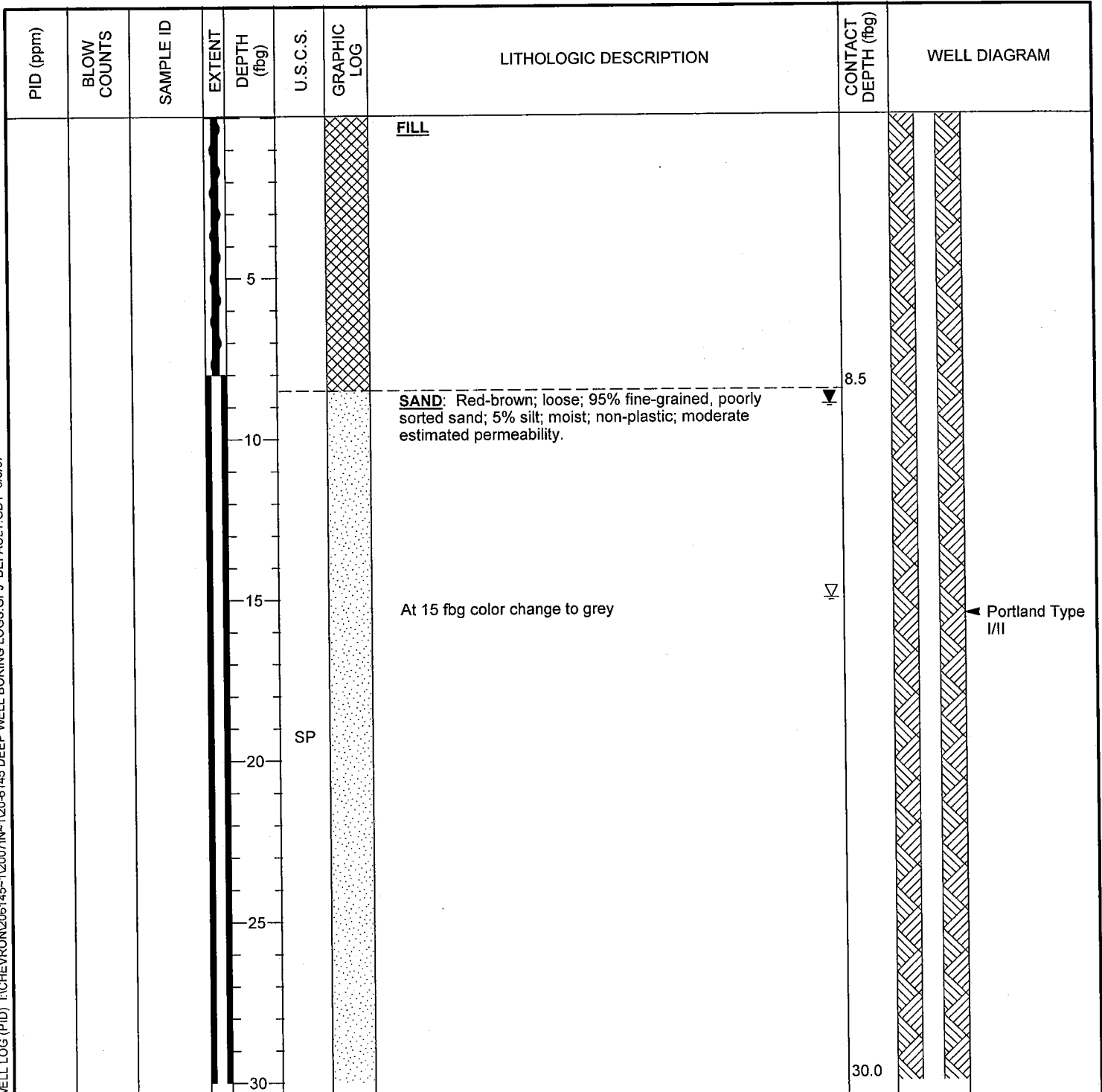
WELL LOG (PID) I:\CHEVRON\206145-1\2007\IN-120-6145 DEEP WELL BORING LOGS.GPJ DEFAULT.GDT 5/9/07



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BORING/WELL LOG

CLIENT NAME	<u>Chevron Environmental Management Company</u>	BORING/WELL NAME	<u>MW-13</u>
JOB/SITE NAME	<u>20-6145</u>	DRILLING STARTED	<u>11-Apr-07</u>
LOCATION	<u>800 Center Street, Oakland CA</u>	DRILLING COMPLETED	<u>11-Apr-07</u>
PROJECT NUMBER	<u>312002</u>	WELL DEVELOPMENT DATE (YIELD)	<u>NA</u>
DRILLER	<u>Gregg Drilling</u>	GROUND SURFACE ELEVATION	<u>Not Surveyed</u>
DRILLING METHOD	<u>Hollow-stem auger</u>	TOP OF CASING ELEVATION	<u>Not Surveyed</u>
BORING DIAMETER	<u>8"</u>	SCREENED INTERVALS	<u>35 to 40 fbg</u>
LOGGED BY	<u>I. Hull</u>	DEPTH TO WATER (First Encountered)	<u>15.0 fbg (11-Apr-07) ▽</u>
REVIEWED BY	<u>B. Foss, RG# 7445</u>	DEPTH TO WATER (Static)	<u>8.97 fbg (20-Apr-07) ▼</u>
REMARKS	<u>Cleared to 8 fbg with air knife.</u>		



WELL LOG (PID) I:\CHEVRON\206145-12007\IN-120-6145 DEEP WELL BORING LOGS.GPJ DEFAULT.GDT 5/9/07



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BORING/WELL LOG

CLIENT NAME	<u>Chevron Environmental Management Company</u>	BORING/WELL NAME	<u>MW-13</u>
JOB/SITE NAME	<u>20-6145</u>	DRILLING STARTED	<u>11-Apr-07</u>
LOCATION	<u>800 Center Street, Oakland CA</u>	DRILLING COMPLETED	<u>11-Apr-07</u>

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				35	SP				
				40			At 39.5 fbg increase in dark detritus	40.0	<p>Bentonite Seal</p> <p>Monterey Sand #2/12</p> <p>2"-diam., 0.010" Slotted Schedule 40 PVC</p> <p>Bottom of Boring @ 40 fbg</p>

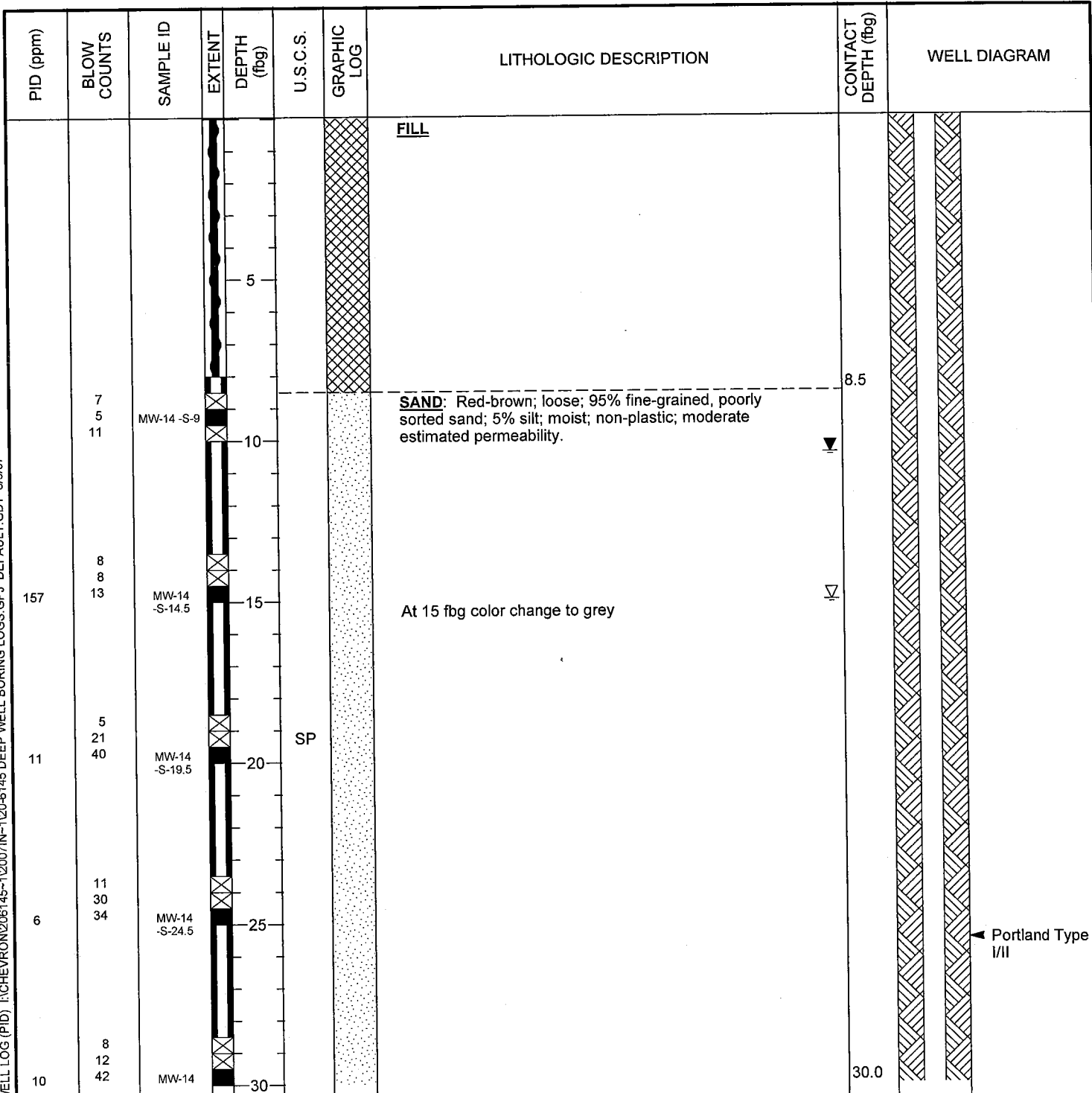
WELL LOG (PID) I:\CHEVRON\206145-12007\N-120-6145 DEEP WELL BORING LOGS.GPJ DEFAULT.GDT 5/9/07



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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	BORING/WELL NAME	MW-14
JOB/SITE NAME	20-6145	DRILLING STARTED	11-Apr-07
LOCATION	800 Center Street, Oakland CA	DRILLING COMPLETED	11-Apr-07
PROJECT NUMBER	312002	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hollow-stem auger	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	8"	SCREENED INTERVALS	55 to 60 fbg
LOGGED BY	I. Hull	DEPTH TO WATER (First Encountered)	15.0 fbg (11-Apr-07) ▽
REVIEWED BY	B. Foss, RG# 7445	DEPTH TO WATER (Static)	10.42 fbg (20-Apr-07) ▼
REMARKS	Cleared to 8 fbg with air knife.		



WELL LOG (PID) I:\CHEVRON\206145-12007IN-12007IN-120-6145 DEEP WELL BORING LOGS.GPJ DEFAULT.GDT 5/9/07

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	BORING/WELL NAME	MW-14
JOB/SITE NAME	20-6145	DRILLING STARTED	11-Apr-07
LOCATION	800 Center Street, Oakland CA	DRILLING COMPLETED	11-Apr-07

Continued from Previous Page

WELL LOG (PID) I:\CHEVRON\206145--12007IN--120-6145 DEEP WELL BORING LOGS.GPJ DEFAULT.GDT 5/9/07

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
		-S-29.5							
35	5 15	MW-14 -S-34.5		35					
0	16 35 50	MW-14 -S-39.5		40			At 39.5 fbg increase in dark detritus		
					SP				
	30 50 50	MW-14 -S-44.5		45					
	18 50 54	MW-14 -S-49.5		50					
	13 23 40	MW-14 -S-54.5		55			At 53.5 fbg color change to greenish-grey Clayey SILT Dark-brown with red-brown mottling; hard; 55% silt; 45% clay; moist; high estimated plasticity; low estimated permeability. At 55 fbg increase in silt and fine-grained sand, decrease in clay.	54.5	Bentonite Seal Monterey Sand #2/12
					ML				
18	15 50 50	MW-14 -S-59.5		60			SAND: Greenish-grey; very dense; 100% fine-grained, poorly graded sand; wet; non-plastic; moderate estimated permeability.	59.5 60.0	2"-diam., 0.010" Slotted Schedule 40 PVC Bottom of Boring @ 60 fbg
					SP				



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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	BORING/WELL NAME	MW-15
JOB/SITE NAME	20-6145	DRILLING STARTED	12-Apr-07
LOCATION	800 Center Street, Oakland CA	DRILLING COMPLETED	12-Apr-07
PROJECT NUMBER	312002	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hollow-stem auger	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	8"	SCREENED INTERVALS	35 to 40 fbg
LOGGED BY	I. Hull	DEPTH TO WATER (First Encountered)	14.0 fbg (12-Apr-07)
REVIEWED BY	B. Foss, RG# 7445	DEPTH TO WATER (Static)	8.60 fbg (20-Apr-07)
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				SP		<p>SAND: Red-brown; medium dense to dense; 95% fine-grained, poorly graded sand; 5% silt; moist; non-plastic; moderate estimated permeability.</p> <p>At 20 fbg color change to dark red-brown</p>		<p>Portland Type I/II</p>
			30.0					

WELL LOG (PID) I:\CHEVRON\206145-1\2007\IN-1\20-6145 DEEP WELL BORING LOGS.GPJ DEFAULT.GDT 5/9/07

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BORING/WELL LOG

CLIENT NAME	<u>Chevron Environmental Management Company</u>	BORING/WELL NAME	<u>MW-15</u>
JOB/SITE NAME	<u>20-6145</u>	DRILLING STARTED	<u>12-Apr-07</u>
LOCATION	<u>800 Center Street, Oakland CA</u>	DRILLING COMPLETED	<u>12-Apr-07</u>

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				35	SP				
				40				40.0	

WELL LOG (PID) I:\CHEVRON\206145-1\2007IN-120-6145 DEEP WELL BORING LOGS.GPJ DEFAULT.GDT 5/9/07



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BORING/WELL LOG

CLIENT NAME	<u>Chevron Environmental Management Company</u>	BORING/WELL NAME	<u>MW-16</u>
JOB/SITE NAME	<u>20-6145</u>	DRILLING STARTED	<u>12-Apr-07</u>
LOCATION	<u>800 Center Street, Oakland CA</u>	DRILLING COMPLETED	<u>12-Apr-07</u>
PROJECT NUMBER	<u>312002</u>	WELL DEVELOPMENT DATE (YIELD)	<u>NA</u>
DRILLER	<u>Gregg Drilling</u>	GROUND SURFACE ELEVATION	<u>Not Surveyed</u>
DRILLING METHOD	<u>Hollow-stem auger</u>	TOP OF CASING ELEVATION	<u>Not Surveyed</u>
BORING DIAMETER	<u>8"</u>	SCREENED INTERVALS	<u>55 to 60 fbg</u>
LOGGED BY	<u>I. Hull</u>	DEPTH TO WATER (First Encountered)	<u>14.0 fbg (12-Apr-07)</u> ▽
REVIEWED BY	<u>B. Foss, RG# 7445</u>	DEPTH TO WATER (Static)	<u>9.82 fbg (20-Apr-07)</u> ▼
REMARKS	<u>Cleared to 8 fbg with air knife.</u>		

WELL LOG (PID) I:\CHEVRON\206145-1\2007\N-120-6145 DEEP WELL BORING LOGS.GPJ DEFAULT.GDT 5/9/07

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				0			SAND: Red-brown; medium dense to dense, 95% fine-grained, poorly graded sand; 5% silt; moist; non-plastic; moderate estimated permeability.		
				5					
				10				▼	
				15	SP			▽	
				20			At 20 fbg color change to dark red-brown		
				25					
				30					
								30.0	

Continued Next Page



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 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	BORING/WELL NAME	MW-16
JOB/SITE NAME	20-6145	DRILLING STARTED	12-Apr-07
LOCATION	800 Center Street, Oakland CA	DRILLING COMPLETED	12-Apr-07

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				35					
				40			At 40 fbg increasing dark detritus		
				45	SP				
				50					
				54.0	CL		Silty CLAY: Dark brown; moist; hard; 60% clay; 40% silt; high plasticity; low estimated permeability. SAND: Dark grey; dense; 95% fine-grained, poorly graded sand; 5% silt; wet; non-plastic; moderate estimated permeability.	54.0	
				54.5				54.5	Bentonite Seal Monterey Sand #2/12
				55	SP				
				59.5	CL		Silty CLAY: Dark grey; hard; 65% clay; 30% silt; 5% sand; moist; high plasticity; low estimated permeability.	59.5	
				60				60.0	2"-diam., 0.010" Slotted Schedule 40 PVC Bottom of Boring @ 60 fbg

WELL LOG (PID) I:\CHEVRON\206145-1\2007IN-120-6145 DEEP WELL BORING LOGS.GPJ DEFAULT.GDT 5/9/07



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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	BORING/WELL NAME	MW-17
JOB/SITE NAME	20-6145	DRILLING STARTED	13-Apr-07
LOCATION	800 Center Street, Oakland CA	DRILLING COMPLETED	13-Apr-07
PROJECT NUMBER	312002	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hollow-stem auger	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	8"	SCREENED INTERVALS	70 to 75 fbg
LOGGED BY	I. Hull	DEPTH TO WATER (First Encountered)	14.0 fbg (13-Apr-07)
REVIEWED BY	B. Foss, RG# 7445	DEPTH TO WATER (Static)	19.50 fbg (20-Apr-07)
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
						SAND: Red-brown; medium dense to dense; 95% fine-grained, poorly graded sand; 5% silt; moist; non-plastic; moderate estimated permeability.		
			5					
1334	16 17 24	MW-17 -S-9.5	10					
10	7 9 12	MW-17 -S-14.5	15	SP				
18	6 13 18	MW-17 -S-19.5	20			At 20 fbg color change to dark red-brown		
3	10 12 26	MW-17 -S-24.5	25					
2	15 26 50	MW-17	30				30.0	

WELL LOG (PID) I:\CHEVRON\206145-1\2007IN-120-6145 DEEP WELL BORING LOGS.GPJ DEFAULT.GDT 5/9/07

Continued Next Page



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BORING/WELL LOG

CLIENT NAME	<u>Chevron Environmental Management Company</u>	BORING/WELL NAME	<u>MW-17</u>
JOB/SITE NAME	<u>20-6145</u>	DRILLING STARTED	<u>13-Apr-07</u>
LOCATION	<u>800 Center Street, Oakland CA</u>	DRILLING COMPLETED	<u>13-Apr-07</u>

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0	16 50 50	MW-17 -S-34.5	35					<p>Portland Type I/II</p>
1	15 50 50	MW-17 -S-39.5	40	SP		At 40 fbg increasing dark detritus		
10	17 50 50	MW-17 -S-44.5	45					
1	50 50 55	MW-17 -S-49.5	50					
2	22 50 50	MW-17 -S-54.5	55	CL		Silty CLAY: Dark brown; moist; hard; 60% clay; 40% silt; high plasticity; low estimated permeability. SAND: Dark grey; dense; 95% fine-grained, poorly graded sand; 5% silt; wet; non-plastic; moderate estimated permeability.	54.0 54.5	
1	30 27 50	MW-17 -S-59.5	60	CL		Silty CLAY: Dark grey; hard; 65% clay; 30% silt; 5% sand; moist; high plasticity; low estimated permeability. SAND: Dark grey; dense; 95% fine-grained, poorly graded sand; 5% silt; wet; non-plastic; moderate estimated permeability.	59.5 60.0	
	15 30			SP			64.5	

Continued Next Page

WELL LOG (PID) I:\CHEVRON\206145-1\2007IN-1\20-6145 DEEP WELL BORING LOGS.GPJ DEFAULT.GDT 5/9/07



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 Fax: 510-420-9170

BORING/WELL LOG

CLIENT NAME	<u>Chevron Environmental Management Company</u>	BORING/WELL NAME	<u>MW-17</u>
JOB/SITE NAME	<u>20-6145</u>	DRILLING STARTED	<u>13-Apr-07</u>
LOCATION	<u>800 Center Street, Oakland CA</u>	DRILLING COMPLETED	<u>13-Apr-07</u>

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0	35	MW-17 -S-64.5		65	CL		At 64 fbg color change to brown Silty CLAY: Dark grey; hard; 65% clay; 30% silt; 5% sand; moist; high plasticity; low estimated permeability. SAND: Dark grey; dense; 95% fine-grained, poorly graded sand; 5% silt; wet; non-plastic; moderate estimated permeability.	65.0	<p>Bentonite Seal</p> <p>Monterey Sand #2/12</p> <p>2"-diam., 0.010" Slotted Schedule 40 PVC</p> <p>Bottom of Boring @ 75 fbg</p>
0	13 13 25	MW-17 -S-69.5		70	SP				
0	16 16 50	MW-17 -S-74.5		75				75.0	

WELL LOG (PID) I:\CHEVRON\206145-1\2007\IN-120-6145 DEEP WELL BORING LOGS.GPJ DEFAULT.GDT 5/9/07



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ATTACHMENT D

Soil Analytic Data

REGISTERED COMPANY
ISO 9001
ENGINEERING DESIGN



Analysis Report

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ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 1033327. Samples arrived at the laboratory on Thursday, April 12, 2007. The PO# for this group is 0015014975 and the release number is SINHA.

<u>Client Description</u>		<u>Lancaster Labs Number</u>
MW-9-S-14.5-070409	Grab Soil	5026884
MW-9-S-19.5-070409	Grab Soil	5026885
MW-9-S-24.5-070409	Grab Soil	5026886
MW-9-S-29.5-070409	Grab Soil	5026887
MW-9-S-34.5-070409	Grab Soil	5026888
MW-9-S-39.5-070409	Grab Soil	5026889
MW-11-S-9.5-070409	Grab Soil	5026890
MW-11-S-14.5-070409	Grab Soil	5026891
MW-11-S-19.5-070409	Grab Soil	5026892
MW-11-S-24.5-070409	Grab Soil	5026893
MW-11-S-29.5-070409	Grab Soil	5026894
MW-11-S-34.5-070409	Grab Soil	5026895
MW-11-S-39.5-070409	Grab Soil	5026896
MW-12-S-39.5-070410	Grab Soil	5026897
MW-12-S-44.5-070410	Grab Soil	5026898
MW-12-S-49.5-070410	Grab Soil	5026899
MW-12-S-54.5-070410	Grab Soil	5026900
MW-12-S-59.5-070410	Grab Soil	5026901
MW-10-S-41.5-070410	Grab Soil	5026902
MW-10-S-44.5-070410	Grab Soil	5026903
MW-10-S-49.5-070410	Grab Soil	5026904
MW-10-S-54.5-070410	Grab Soil	5026905
MW-10-S-59.5-070410	Grab Soil	5026906



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Cambria Environmental
Cambria Environmental
CRA
CRA

Attn: Charlotte Evans
Attn: J. Williams
Attn: Dorothy O'Hare
Attn: I Hull

Questions? Contact your Client Services Representative
Angela M Miller at (717) 656-2300

Respectfully Submitted,

A handwritten signature in cursive script that reads "Melissa A. McDermott".

Melissa A. McDermott
Senior Chemist



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Lancaster Laboratories Sample No. SW 5026884

MW-9-S-14.5-070409 Grab Soil
 Facility# 206145 CETE
 800 Center St-Oakland T0600102230 MW-9
 Collected: 04/09/2007 10:45 by JW Account Number: 10880

Submitted: 04/12/2007 09:50 ChevronTexaco
 Reported: 04/23/2007 at 17:53 6001 Bollinger Canyon Rd L4310
 Discard: 05/24/2007 San Ramon CA 94583

CE914

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Method Detection Limit		
01725	TPH-GRO - Soils	n.a.	1.6	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.	4.0	mg/kg	1
07360	BTEX+MTBE by 8260B					
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	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	Analyst	Dilution Factor
				Date and Time		
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/13/2007 00:45	Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/16/2007 15:50	Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/17/2007 06:53	Holly Berry	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/17/2007 02:17	Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/12/2007 14:48	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/14/2007 11:15	Kirsten M Kahler	1



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Lancaster Laboratories Sample No. SW 5026885

MW-9-S-19.5-070409 Grab Soil
 Facility# 206145 CETE
 800 Center St-Oakland T0600102230 MW-9
 Collected: 04/09/2007 10:55 by JW Account Number: 10880

Submitted: 04/12/2007 09:50 ChevronTexaco
 Reported: 04/23/2007 at 17:53 6001 Bollinger Canyon Rd L4310
 Discard: 05/24/2007 San Ramon CA 94583

CE919

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils	n.a.	7.1		1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	0.001		0.0005	mg/kg	1
05466	Toluene	108-88-3	N.D.		0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	0.001		0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	0.001		0.001	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		Analyst	Dilution Factor
				Date and Time			
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/13/2007 01:22		Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/16/2007 16:24		Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/17/2007 22:59		Sara E Wolf	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/17/2007 21:01		Sara E Wolf	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/12/2007 14:51		Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/14/2007 11:15		Kirsten M Kahler	1



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Lancaster Laboratories Sample No. SW 5026886

MW-9-S-24.5-070409 Grab Soil
Facility# 206145 CETE
800 Center St-Oakland T0600102230 MW-9
Collected: 04/09/2007 11:00 by JW

Account Number: 10880

Submitted: 04/12/2007 09:50
Reported: 04/23/2007 at 17:53
Discard: 05/24/2007

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CE924

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils	n.a.	N.D.		1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	N.D.		0.0005	mg/kg	0.99
05466	Toluene	108-88-3	N.D.		0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.		0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.		0.001	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		Analyst	Dilution Factor
				Date and Time			
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/13/2007 01:58		Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/16/2007 16:45		Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/17/2007 07:38		Holly Berry	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/17/2007 02:22		Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/12/2007 14:54		Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/14/2007 11:15		Kirsten M Kahler	1



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Lancaster Laboratories Sample No. SW 5026887

MW-9-S-29.5-070409 Grab Soil
 Facility# 206145 CETE
 800 Center St-Oakland T0600102230 MW-9
 Collected: 04/09/2007 11:10 by JW Account Number: 10880

Submitted: 04/12/2007 09:50 ChevronTexaco
 Reported: 04/23/2007 at 17:53 6001 Bollinger Canyon Rd L4310
 Discard: 05/24/2007 San Ramon CA 94583

CE929

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils	n.a.	N.D.		1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	N.D.		0.0005	mg/kg	0.99
05466	Toluene	108-88-3	0.001		0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.		0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.		0.001	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		Analyst	Dilution Factor
				Date and Time			
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/13/2007 02:35		Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/16/2007 17:07		Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/17/2007 08:01		Holly Berry	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/17/2007 02:24		Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/12/2007 14:56		Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/14/2007 11:15		Kirsten M Kahler	1



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Lancaster Laboratories Sample No. SW 5026888

MW-9-S-34.5-070409 Grab Soil
 Facility# 206145 CETE
 800 Center St-Oakland T0600102230 MW-9
 Collected: 04/09/2007 11:20 by JW

Account Number: 10880

Submitted: 04/12/2007 09:50
 Reported: 04/23/2007 at 17:53
 Discard: 05/24/2007

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

CE934

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils	n.a.	N.D.		1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	N.D.		0.0005	mg/kg	1.01
05466	Toluene	108-88-3	N.D.		0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.		0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.		0.001	mg/kg	1.01

State of California Lab Certification No. 2116

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/13/2007 03:12		Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/16/2007 17:28		Tracy A Cole	1
07360	BTEX+MTBE by 8260B						
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/17/2007 02:25		Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/12/2007 14:59		Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/14/2007 11:15		Kirsten M Kahler	1



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Lancaster Laboratories Sample No. SW 5026889

MW-9-S-39.5-070409 Grab Soil
 Facility# 206145 CE TE
 800 Center St-Oakland T0600102230 MW-9
 Collected: 04/09/2007 11:30 by JW Account Number: 10880

Submitted: 04/12/2007 09:50 ChevronTexaco
 Reported: 04/23/2007 at 17:53 6001 Bollinger Canyon Rd L4310
 Discard: 05/24/2007 San Ramon CA 94583

CE939

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils	n.a.	N.D.	1.0		mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.	4.0		mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	N.D.	0.0005		mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001		mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001		mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001		mg/kg	1.01

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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		Analyst	Dilution Factor
				Date and Time			
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/12/2007	22:55	Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/16/2007	17:49	Tracy A Cole	1
07360	BTEX+MTBE by 8260B						
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/17/2007	02:27	Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/12/2007	15:03	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/14/2007	11:15	Kirsten M Kahler	1



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Lancaster Laboratories Sample No. SW 5026890

MW-11-S-9.5-070409 Grab Soil
 Facility# 206145 CETE
 800 Center St-Oakland T0600102230 MW-11
 Collected: 04/09/2007 14:05 by JW Account Number: 10880

Submitted: 04/12/2007 09:50
 Reported: 04/23/2007 at 17:53
 Discard: 05/24/2007
 ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

C11-9

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils	n.a.	N.D.		1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	N.D.		0.0005	mg/kg	1.01
05466	Toluene	108-88-3	N.D.		0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.		0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.		0.001	mg/kg	1.01

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		Analyst	Dilution Factor
				Date and Time			
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/13/2007 03:48		Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/16/2007 18:11		Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/17/2007 09:09		Holly Berry	1.01
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/17/2007 02:41		Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/12/2007 15:13		Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/14/2007 11:15		Kirsten M Kahler	1



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Lancaster Laboratories Sample No. SW 5026891

MW-11-S-14.5-070409 Grab Soil
 Facility# 206145 CETE
 800 Center St-Oakland T0600102230 MW-11
 Collected: 04/09/2007 14:13 by JW

Account Number: 10880

Submitted: 04/12/2007 09:50
 Reported: 04/23/2007 at 17:53
 Discard: 05/24/2007

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

C1114

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils	n.a.	N.D.		1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	N.D.		0.0005	mg/kg	1.01
05466	Toluene	108-88-3	N.D.		0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.		0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.		0.001	mg/kg	1.01

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		Analyst	Dilution Factor
				Date and Time			
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/13/2007 06:53		Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/16/2007 18:32		Tracy A Cole	1
07360	BTEX+MTBE by 8260B						
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/17/2007 02:42		Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/12/2007 15:16		Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/14/2007 11:15		Kirsten M Kahler	1

Lancaster Laboratories Sample No. SW 5026892

 MW-11-S-19.5-070409 Grab Soil
 Facility# 206145 CETE
 800 Center St-Oakland T0600102230 MW-11
 Collected: 04/09/2007 14:18 by JW Account Number: 10880

 Submitted: 04/12/2007 09:50 ChevronTexaco
 Reported: 04/23/2007 at 17:53 6001 Bollinger Canyon Rd L4310
 Discard: 05/24/2007 San Ramon CA 94583

C1119

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01725	TPH-GRO - Soils	n.a.	N.D.	Detection Limit 1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.	4.0	mg/kg	1
07360	BTEX+MTBE by 8260B					
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

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		Analyst	Dilution Factor
				Date and Time			
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/13/2007 07:29		Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/16/2007 18:54		Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/17/2007 09:54		Holly Berry	1.01
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/17/2007 02:45		Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/12/2007 15:20		Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/14/2007 11:15		Kirsten M Kahler	1



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Lancaster Laboratories Sample No. SW 5026893

MW-11-S-24.5-070409 Grab Soil
 Facility# 206145 CETE
 800 Center St-Oakland T0600102230 MW-11
 Collected: 04/09/2007 14:25 by JW Account Number: 10880

Submitted: 04/12/2007 09:50 ChevronTexaco
 Reported: 04/23/2007 at 17:53 6001 Bollinger Canyon Rd L4310
 Discard: 05/24/2007 San Ramon CA 94583

C1124

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils	n.a.	N.D.		1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	N.D.		0.0005	mg/kg	1.01
05466	Toluene	108-88-3	N.D.		0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.		0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.		0.001	mg/kg	1.01

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		Analyst	Dilution Factor
				Date and Time			
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/13/2007 08:06		Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/16/2007 19:15		Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/17/2007 10:16		Holly Berry	1.01
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/17/2007 02:48		Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/12/2007 15:24		Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/14/2007 11:15		Kirsten M Kahler	1



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Lancaster Laboratories Sample No. SW 5026894

MW-11-S-29.5-070409 Grab Soil
 Facility# 206145 CETE
 800 Center St-Oakland T0600102230 MW-11
 Collected: 04/09/2007 14:35 by JW

Account Number: 10880

Submitted: 04/12/2007 09:50
 Reported: 04/23/2007 at 17:53
 Discard: 05/24/2007

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

C1129

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01725	TPH-GRO - Soils	n.a.	N.D.	Detection Limit 1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.	4.0	mg/kg	1
07360	BTEX+MTBE by 8260B					
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/13/2007 08:43		Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/16/2007 19:37		Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/17/2007 22:14		Sara E Wolf	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/17/2007 20:43		Sara E Wolf	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/12/2007 15:27		Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/14/2007 11:15		Kirsten M Kahler	1



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Lancaster Laboratories Sample No. SW 5026895

MW-11-S-34.5-070409 Grab Soil
 Facility# 206145 CETE
 800 Center St-Oakland T0600102230 MW-11
 Collected: 04/09/2007 14:42 by JW Account Number: 10880

Submitted: 04/12/2007 09:50 ChevronTexaco
 Reported: 04/23/2007 at 17:53 6001 Bollinger Canyon Rd L4310
 Discard: 05/24/2007 San Ramon CA 94583

C1134

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils	n.a.	N.D.		1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	N.D.		0.0005	mg/kg	1.01
05466	Toluene	108-88-3	N.D.		0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.		0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.		0.001	mg/kg	1.01

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		Analyst	Dilution Factor
				Date and Time			
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/13/2007 09:19		Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/16/2007 21:46		Tracy A Cole	1
07360	BTEX+MTBE by 8260B						
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/17/2007 20:45		Sara E Wolf	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/12/2007 15:30		Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/14/2007 11:30		Kirsten M Kahler	1



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Lancaster Laboratories Sample No. SW 5026896

MW-11-S-39.5-070409 Grab Soil
 Facility# 206145 CETE
 800 Center St-Oakland T0600102230 MW-11
 Collected: 04/09/2007 14:50 by JW

Account Number: 10880

Submitted: 04/12/2007 09:50
 Reported: 04/23/2007 at 17:53
 Discard: 05/24/2007

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

C1139

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils	n.a.	N.D.	1.0		mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.	4.0		mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	N.D.	0.0005		mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001		mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001		mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001		mg/kg	1.01

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		Analyst	Dilution Factor
				Date and Time			
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/13/2007 09:56		Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/16/2007 22:07		Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/17/2007 23:25		Sara E Wolf	1.01
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/17/2007 22:59		Sara E Wolf	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/12/2007 15:33		Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/14/2007 11:30		Kirsten M Kahler	1



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Lancaster Laboratories Sample No. SW 5026897

MW-12-S-39.5-070410 Grab Soil
 Facility# 206145 CETE
 800 Center St-Oakland T0600102230 MW-12
 Collected: 04/10/2007 09:00 by IH Account Number: 10880

Submitted: 04/12/2007 09:50 ChevronTexaco
 Reported: 04/23/2007 at 17:53 6001 Bollinger Canyon Rd L4310
 Discard: 05/24/2007 San Ramon CA 94583

C1239

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils	n.a.	N.D.		1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	N.D.		0.0005	mg/kg	1
05466	Toluene	108-88-3	N.D.		0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.		0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.		0.001	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		Analyst	Dilution Factor
				Date and Time			
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/13/2007 10:32		Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/16/2007 22:29		Tracy A Cole	1
07360	BTEX+MTBE by 8260B						
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/17/2007 23:01		Sara E Wolf	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/12/2007 15:42		Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/14/2007 11:30		Kirsten M Kahler	1



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Lancaster Laboratories Sample No. SW 5026898

MW-12-S-44.5-070410 Grab Soil
 Facility# 206145 CETE
 800 Center St-Oakland T0600102230 MW-12
 Collected: 04/10/2007 09:05 by IH

Account Number: 10880

Submitted: 04/12/2007 09:50
 Reported: 04/23/2007 at 17:53
 Discard: 05/24/2007

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Cl244

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils	n.a.	N.D.	1.0		mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.	4.0		mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	N.D.	0.0005		mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001		mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001		mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001		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		Analyst	Dilution Factor
				Date and Time			
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/13/2007 11:09		Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/16/2007 22:50		Tracy A Cole	1
07360	BTEX+MTBE by 8260B						
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/17/2007 23:03		Sara E Wolf	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/12/2007 15:47		Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/14/2007 11:30		Kirsten M Kahler	1



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Lancaster Laboratories Sample No. SW 5026899

MW-12-S-49.5-070410 Grab Soil
 Facility# 206145 CETE
 800 Center St-Oakland T0600102230 MW-12
 Collected: 04/10/2007 09:14 by IH Account Number: 10880

Submitted: 04/12/2007 09:50
 Reported: 04/23/2007 at 17:53
 Discard: 05/24/2007
 ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

C1249

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils	n.a.	N.D.		1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	N.D.		0.0005	mg/kg	0.99
05466	Toluene	108-88-3	N.D.		0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.		0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.		0.001	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		Analyst	Dilution Factor
				Date	Time		
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/13/2007	11:45	Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/16/2007	23:12	Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/18/2007	00:32	Sara E Wolf	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/17/2007	23:06	Sara E Wolf	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/12/2007	15:51	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/14/2007	11:30	Kirsten M Kahler	1



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Lancaster Laboratories Sample No. SW 5026900

MW-12-S-54.5-070410 Grab Soil
 Facility# 206145 CETE
 800 Center St-Oakland T0600102230 MW-12
 Collected: 04/10/2007 09:20 by IH Account Number: 10880

Submitted: 04/12/2007 09:50 ChevronTexaco
 Reported: 04/23/2007 at 17:53 6001 Bollinger Canyon Rd L4310
 Discard: 05/24/2007 San Ramon CA 94583

C1254

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils	n.a.	N.D.		1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	N.D.		0.0005	mg/kg	0.99
05466	Toluene	108-88-3	N.D.		0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.		0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.		0.001	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		Analyst	Dilution Factor
				Date and Time			
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/13/2007 12:22		Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/16/2007 23:33		Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/18/2007 05:35		Holly Berry	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/18/2007 04:00		Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/12/2007 15:55		Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/14/2007 11:30		Kirsten M Kahler	1



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Lancaster Laboratories Sample No. SW 5026901

MW-12-S-59.5-070410 Grab Soil
 Facility# 206145 CETE
 800 Center St-Oakland T0600102230 MW-12
 Collected: 04/10/2007 09:30 by IH Account Number: 10880

Submitted: 04/12/2007 09:50 ChevronTexaco
 Reported: 04/23/2007 at 17:53 6001 Bollinger Canyon Rd L4310
 Discard: 05/24/2007 San Ramon CA 94583

C1259

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01725	TPH-GRO - Soils	n.a.	N.D.	Detection Limit 1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.	4.0	mg/kg	1
07360	BTEX+MTBE by 8260B					
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

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		Analyst	Dilution Factor
				Date and Time			
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/13/2007 14:12		Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/16/2007 23:55		Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/18/2007 00:55		Sara E Wolf	1.01
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/17/2007 23:49		Sara E Wolf	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/12/2007 15:58		Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/14/2007 11:30		Kirsten M Kahler	1



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Lancaster Laboratories Sample No. SW 5026902

MW-10-S-41.5-070410 Grab Soil
 Facility# 206145 CETE
 800 Center St-Oakland T0600102230 MW-10
 Collected: 04/10/2007 12:00 by IH Account Number: 10880

Submitted: 04/12/2007 09:50
 Reported: 04/23/2007 at 17:53
 Discard: 05/24/2007
 ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

C1041

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils	n.a.	2.5		1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	N.D.		0.0005	mg/kg	1
05466	Toluene	108-88-3	N.D.		0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.		0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.		0.001	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		Analyst	Dilution Factor
				Date and Time			
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/13/2007 14:48		Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/17/2007 00:16		Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/18/2007 06:43		Holly Berry	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/18/2007 04:04		Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/12/2007 16:00		Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/14/2007 11:30		Kirsten M Kahler	1



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Lancaster Laboratories Sample No. SW 5026903

MW-10-S-44.5-070410 Grab Soil
 Facility# 206145 CETE
 800 Center St-Oakland T0600102230 MW-10
 Collected: 04/10/2007 12:25 by IH Account Number: 10880

Submitted: 04/12/2007 09:50
 Reported: 04/23/2007 at 17:53
 Discard: 05/24/2007
 ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

C1044

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Method		
01725	TPH-GRO - Soils	n.a.	N.D.	Detection Limit 1.0	mg/kg	25
The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.	4.0	mg/kg	1
07360	BTEX+MTBE by 8260B					
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1.01
05466	Toluene	108-88-3	0.001	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

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		Analyst	Dilution Factor
				Date and Time			
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/13/2007 15:25		Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/17/2007 00:38		Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/18/2007 01:40		Sara E Wolf	1.01
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/17/2007 23:53		Sara E Wolf	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/12/2007 16:02		Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/14/2007 11:30		Kirsten M Kahler	1



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Lancaster Laboratories Sample No. SW 5026904

MW-10-S-49.5-070410 Grab Soil
 Facility# 206145 CETE
 800 Center St-Oakland T0600102230 MW-10
 Collected: 04/10/2007 12:35 by IH

Account Number: 10880

Submitted: 04/12/2007 09:50
 Reported: 04/23/2007 at 17:53
 Discard: 05/24/2007

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

C1049

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils	n.a.	N.D.		1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	N.D.		0.0005	mg/kg	1.01
05466	Toluene	108-88-3	N.D.		0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.		0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.		0.001	mg/kg	1.01

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		Analyst	Dilution Factor
				Date	Time		
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/13/2007	01:02	Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/17/2007	00:59	Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/18/2007	02:03	Sara E Wolf	1.01
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/17/2007	23:55	Sara E Wolf	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/12/2007	16:05	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/14/2007	11:30	Kirsten M Kahler	1



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Lancaster Laboratories Sample No. SW 5026905

MW-10-S-54.5-070410 Grab Soil
Facility# 206145 CETE
800 Center St-Oakland T0600102230 MW-10
Collected: 04/10/2007 12:45 by IH

Account Number: 10880

Submitted: 04/12/2007 09:50
Reported: 04/23/2007 at 17:53
Discard: 05/24/2007

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C1054

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils	n.a.	N.D.		1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	N.D.		0.0005	mg/kg	1.01
05466	Toluene	108-88-3	N.D.		0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.		0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.		0.001	mg/kg	1.01

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		Analyst	Dilution Factor
				Date and Time			
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/13/2007 01:34		Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/17/2007 01:21		Tracy A Cole	1
07360	BTEX+MTBE by 8260B						
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/17/2007 23:57		Sara E Wolf	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/12/2007 16:15		Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/14/2007 11:30		Kirsten M Kahler	1



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Lancaster Laboratories Sample No. SW 5026906

MW-10-S-59.5-070410 Grab Soil
 Facility# 206145 CE TE
 800 Center St-Oakland T0600102230 MW-10
 Collected: 04/10/2007 13:00 by IH

Account Number: 10880

Submitted: 04/12/2007 09:50
 Reported: 04/23/2007 at 17:53
 Discard: 05/24/2007

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

C1059

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils	n.a.	N.D.		1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	N.D.		0.0005	mg/kg	1
05466	Toluene	108-88-3	0.003		0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.		0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	0.005		0.001	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		Analyst	Dilution Factor
				Date and Time			
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/13/2007 02:06		Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/17/2007 01:42		Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/18/2007 06:20		Holly Berry	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/18/2007 00:00		Sara E Wolf	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/12/2007 16:18		Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/14/2007 11:30		Kirsten M Kahler	1

Quality Control Summary

 Client Name: ChevronTexaco
 Reported: 04/23/07 at 05:53 PM

Group Number: 1033327

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

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 07100A16C TPH-GRO - Soils	Sample number(s): 5026904-5026906 N.D.	1.0	mg/kg	93		67-119		
Batch number: 07102A31A TPH-GRO - Soils	Sample number(s): 5026884-5026903 N.D.	1.0	mg/kg	91		67-119		
Batch number: 071030013A TPH-DRO by 8015B w/Silica Gel	Sample number(s): 5026884-5026894 N.D.	4.0	mg/kg	88	85	71-109	4	20
Batch number: 071040001A TPH-DRO by 8015B w/Silica Gel	Sample number(s): 5026895-5026906 N.D.	4.0	mg/kg	86	87	71-109	0	20
Batch number: A071071AA Benzene	Sample number(s): 5026884, 5026886-5026893 N.D.	0.0005	mg/kg	110	106	84-115	4	30
Toluene	N.D.	0.001	mg/kg	99	96	81-116	2	30
Ethylbenzene	N.D.	0.001	mg/kg	106	102	82-115	4	30
Xylene (Total)	N.D.	0.001	mg/kg	104	102	82-117	2	30
Batch number: A071072AA Benzene	Sample number(s): 5026885, 5026894-5026899, 5026901, 5026903-5026905 N.D.	0.0005	mg/kg	103		84-115		
Toluene	N.D.	0.001	mg/kg	92		81-116		
Ethylbenzene	N.D.	0.001	mg/kg	98		82-115		
Xylene (Total)	N.D.	0.001	mg/kg	97		82-117		
Batch number: A071081AA Benzene	Sample number(s): 5026900, 5026902, 5026906 N.D.	0.0005	mg/kg	101	102	84-115	2	30
Toluene	N.D.	0.001	mg/kg	91	92	81-116	2	30
Ethylbenzene	N.D.	0.001	mg/kg	93	95	82-115	2	30
Xylene (Total)	N.D.	0.001	mg/kg	92	94	82-117	2	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

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>BKG MAX</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 07100A16C TPH-GRO - Soils	Sample number(s): 5026904-5026906 UNSPK: P023572 84	81	39-118	4	30			
Batch number: 07102A31A TPH-GRO - Soils	Sample number(s): 5026884-5026903 UNSPK: 5026889 74	79	39-118	6	30			
Batch number: A071071AA Benzene	Sample number(s): 5026884, 5026886-5026893 UNSPK: 5026884 91		59-120					

*- Outside of specification

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

Quality Control Summary

 Client Name: ChevronTexaco
 Reported: 04/23/07 at 05:53 PM

Group Number: 1033327

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

<u>Analysis Name</u>	<u>MS</u>	<u>MSD</u>	<u>MS/MSD</u>	<u>RPD</u>	<u>BKG</u>	<u>DUP</u>	<u>DUP</u>	<u>Dup RPD</u>
	<u>%REC</u>	<u>%REC</u>	<u>Limits</u>	<u>RPD</u>	<u>MAX</u>	<u>Conc</u>	<u>Conc</u>	<u>Max</u>
Toluene	82		38-131					
Ethylbenzene	87		54-116					
Xylene (Total)	88		44-127					

Batch number: A071072AA Sample number(s): 5026885, 5026894-5026899, 5026901, 5026903-5026905 UNSPK: P029418

Benzene	91	78	59-120	15	30			
Toluene	82	70	38-131	16	30			
Ethylbenzene	87	73	54-116	18	30			
Xylene (Total)	88	74	44-127	18	30			

Batch number: A071081AA Sample number(s): 5026900, 5026902, 5026906 UNSPK: 5026900

Benzene	98		59-120					
Toluene	89		38-131					
Ethylbenzene	95		54-116					
Xylene (Total)	96		44-127					

Surrogate Quality Control

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

 Analysis Name: TPH-GRO - Soils
 Batch number: 07100A16C
 Trifluorotoluene-F

5026904	82
5026905	91
5026906	86
Blank	91
LCS	93
MS	79
MSD	75

Limits: 61-122

 Analysis Name: TPH-GRO - Soils
 Batch number: 07102A31A
 Trifluorotoluene-F

5026884	93
5026885	95
5026886	88
5026887	97
5026888	88
5026889	89
5026890	100
5026891	94
5026892	97
5026893	83

*- Outside of specification

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

Quality Control Summary

Client Name: ChevronTexaco
Reported: 04/23/07 at 05:53 PM

Group Number: 1033327

Surrogate Quality Control

5026894	85
5026895	77
5026896	85
5026897	91
5026898	95
5026899	93
5026900	96
5026901	91
5026902	88
5026903	85
Blank	97
LCS	106
MS	87
MSD	91

Limits: 61-122

Analysis Name: TPH-DRO by 8015B w/Silica Gel
Batch number: 071030013A
Orthoterphenyl

5026884	90
5026885	85
5026886	84
5026887	93
5026888	87
5026889	91
5026890	93
5026891	92
5026892	86
5026893	103
5026894	88
Blank	95
LCS	104
LCSD	97

Limits: 59-129

Analysis Name: TPH-DRO by 8015B w/Silica Gel
Batch number: 071040001A
Orthoterphenyl

5026895	90
5026896	90
5026897	88
5026898	93
5026899	67
5026900	87
5026901	91
5026902	95
5026903	89
5026904	92
5026905	99
5026906	83
Blank	96
LCS	100
LCSD	97

*- Outside of specification

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

Quality Control Summary

 Client Name: ChevronTexaco
 Reported: 04/23/07 at 05:53 PM

Group Number: 1033327

Surrogate Quality Control

Limits: 59-129

 Analysis Name: BTEX+MTBE by 8260B
 Batch number: A071071AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5026884	99	90	92	84
5026886	98	92	91	84
5026887	99	92	92	84
5026888	99	90	91	83
5026889	99	91	91	84
5026890	100	93	86	94
5026891	96	90	91	90
5026892	100	91	91	83
5026893	100	93	91	83
Blank	99	95	91	84
LCS	96	93	96	92
LCSD	96	95	96	92
MS	96	92	94	92

Limits: 71-114 70-109 70-123 70-111

 Analysis Name: BTEX+MTBE by 8260B
 Batch number: A071072AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5026885	95	90	90	89
5026894	98	91	90	83
5026895	98	90	91	84
5026896	101	97	90	84
5026897	99	92	90	84
5026898	99	90	91	83
5026899	100	92	90	84
5026901	100	93	91	83
5026903	100	92	89	84
5026904	100	93	90	84
5026905	101	96	90	83
Blank	97	93	90	83
LCS	96	91	94	91
MS	95	92	95	91
MSD	97	95	95	92

Limits: 71-114 70-109 70-123 70-111

 Analysis Name: BTEX+MTBE by 8260B
 Batch number: A071081AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5026900	98	94	90	84
5026902	99	91	91	84
5026906	98	92	90	86
Blank	99	95	90	85
LCS	97	93	95	91
LCSD	96	93	95	91
MS	97	94	95	92

Limits: 71-114 70-109 70-123 70-111

*- Outside of specification

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

Quality Control Summary

Client Name: ChevronTexaco
Reported: 04/23/07 at 05:53 PM

Group Number: 1033327

Surrogate Quality Control

*- Outside of specification

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

Chevron California Region Analysis Request/Chain of Custody



041007 - 11
p 1 of 2

For Lancaster Laboratories use only
 Acct. #: 10880 Sample #: 502684-06 SCR#: _____

Analyses Requested

Group # 1033327

Preservation Codes

Preservative Codes
 H = HCl T = Thiosulfate
 N = HNO₃ B = NaOH
 S = H₂SO₄ O = Other

Preservative Codes

J value reporting needed
 Must meet lowest detection limits possible for 8260 compounds
 8021 MTBE Confirmation
 Confirm highest hit by 8260
 Confirm all hits by 8260
 Run ___ oxy's on highest hit
 Run ___ oxy's on all hits

Preservative Codes

Comments / Remarks
 please email to:
 cevans@cra-world.com
 dohare@cra-world.com
 jwilliams@cra-world.com
 ihull@cra-world.com

Preservative Codes

Preservative Codes

Preservative Codes

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Preservative Codes

Facility #: 20-6145 ~~ALL~~ ALL
 Site Address: 800 CENTER ST., OAKLAND
 Chevron PM: E. ~~Singh~~ Singh Lead Consultant: CRA
 Consultant/Office: EMERYVILLE
 Consultant Prj. Mgr.: C. EVANS
 Consultant Phone #: 510 420-3391 Fax #: 510-420-
 Sampler: J. WILLIAMS
 Service Order #: _____ Non SAR: _____

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX	TPH 8015 MOD GRO	TPH 8015 MOD DRO	8260 full scan	Oxygenates	Lead 7420	7421
MW-9-S-14.5	Soil		14.5	07 04 09	10:45		X		1	X	X	X				
MW-9-S-19.5	Soil		19.5	07 04 09	10:55		X		1	X	X	X				
MW-9-S-24.5			24.5		11:00		X		1	X	X	X				
MW-9-S-29.5			29.5		11:10		X		1	X	X	X				
MW-9-S-34.5			34.5		11:20		X		1	X	X	X				
MW-9-S-39.5			39.5		11:30		X		1	X	X	X				
MW-10-S-9.5			9.5		14:05		X		1	X	X	X				
MW-11-S-14.5			14.5		14:13		X		1	X	X	X				
MW-11-S-19.5			19.5		14:18		X		1	X	X	X				
MW-11-S-24.5			24.5		14:25		X		1	X	X	X				
MW-11-S-29.5			29.5		14:35		X		1	X	X	X				
MW-11-S-34.5			34.5		14:42		X		1	X	X	X				
MW-11-S-39.5			39.5		14:50		X		1	X	X	X				

Turnaround Time Requested (TAT) (please circle)
 STD. TAT 24 hour 72 hour 48 hour
 4 day 5 day

Data Package Options (please circle if required)
 QC Summary Type 1 - Full
 Type VI (Raw Data) Coelt Deliverable not needed
 WIP (RWQCB)
 Disk _____

Relinquished by: [Signature] Date: 04/10/07 Time: 16:40 Received by: [Signature] Date: 4/10/07 Time: 16:40

Relinquished by: [Signature] Date: 4/10/07 Time: 1530 Received by: [Signature] Date: 4/10/07 Time: _____

Relinquished by: _____ Date: _____ Time: _____ Received by: _____ Date: _____ Time: _____

Relinquished by Commercial Carrier: DHL Received by: [Signature] Date: 4/12/07 Time: 0950

UPS FedEx Other _____
 Temperature Upon Receipt: 8-26°C Range Custody Seals Intact? Yes No

Chevron California Refining Analysis Request/Chain of Custody



041007-11
p 2 of 2

For Lancaster Laboratories use only
 Acct. #: 10880 Sample #: 5026884-06 SCR#: _____

Group# 1033327

Facility #: 20-G145 A1L
 Site Address: 800 CENTER ST.
 Chevron PM: SATYA SINHA Lead Consultant: CRA
 Consultant/Office: EMERYVILLE
 Consultant Prj. Mgr.: C. EVANS
 Consultant Phone #: (910) 420-3351 Fax #: 910-420
 Sampler: I. HULL
 Service Order #: _____ Non SAR:

Analyses Requested									
Preservation Codes									
8260	8260	8260	8260	8260	8260	8260	8260	8260	8260
BTEX	TPH 8015 MOD GRO	TPH 8015 MOD DRO	8260 full scan	Oxygenates	Lead 7420	7421			
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Preservative Codes
 H = HCl T = Thiosulfate
 N = HNO₃ B = NaOH
 S = H₂SO₄ O = Other

J value reporting needed
 Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
 Confirm highest hit by 8260
 Confirm all hits by 8260
 Run ___ oxy's on highest hit
 Run ___ oxy's on all hits

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX	TPH 8015 MOD GRO	TPH 8015 MOD DRO	8260 full scan	Oxygenates	Lead 7420	7421
MW-10-S-39.5																
MW-12-S-39.5	SOIL		39.5	07-04-10	9:00		X		1	X	X	X				
MW-12-S-44.5			44.5		9:05		X		1	X	X	X				
MW-12-S-49.5			49.5		9:14		X		1	X	X	X				
MW-12-S-54.5			54.5		9:20		X		1	X	X	X				
MW-12-S-59.5			59.5		9:30		X		1	X	X	X				
MW-10-S-41.5			41.5		12:00		X		1	X	X	X				
MW-10-S-44.5			44.5		12:25		X		1	X	X	X				
MW-10-S-49.5			49.5		12:35		X		1	X	X	X				
MW-10-S-54.5			54.5		12:45		X		1	X	X	X				
MW-10-S-59.5	↓		59.5	↓	13:00		X		1	X	X	X				

Comments / Remarks
 Please e-mail to cevans@craworld.com,
ihull@craworld.com,
 and jwilliams@craworld.com
 and dohare@craworld.com

Turnaround Time Requested (TAT) (please circle)

STD. TAT 24 hour
 72 hour
 4 day
 48 hour
 5 day

Data Package Options (please circle if required)

QC Summary Type I - Full
 Type VI (Raw Data) Coelt Deliverable not needed
 WIP (RWQCB)
 Disk

Relinquished by: <u>[Signature]</u>	Date: <u>07/10/07</u>	Time: <u>16:30</u>	Received by: <u>[Signature]</u>	Date: <u>4/10/07</u>	Time: <u>16:40</u>
Relinquished by: <u>[Signature]</u>	Date: <u>4/10/07</u>	Time: <u>19:20</u>	Received by: <u>[Signature]</u>	Date: <u>4/10/07</u>	Time: _____
Relinquished by: _____	Date: _____	Time: _____	Received by: _____	Date: _____	Time: _____
Relinquished by Commercial Carrier: _____	UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Other: <u>DHL</u>	Received by: <u>[Signature]</u>	Date: <u>4/10/07</u>	Time: <u>09:50</u>	
Temperature Upon Receipt: <u>8°-26°</u>	Custody Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				

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 <u>limit of quantitation</u> , 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 quantitated 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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Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2661 • www.lancasterlabs.com

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 1033739. Samples arrived at the laboratory on Saturday, April 14, 2007. The PO# for this group is 0015014975 and the release number is SINHA.

<u>Client Description</u>			<u>Lancaster Labs Number</u>
MW-17-S-9.5-070413	Grab	Soil	5029113
MW-17-S-14.5-070413	Grab	Soil	5029114
MW-17-S-19.5-070413	Grab	Soil	5029115
MW-17-S-24.5-070413	Grab	Soil	5029116
MW-17-S-29.5-070413	Grab	Soil	5029117
MW-17-S-34.5-070413	Grab	Soil	5029118
MW-17-S-39.5-070413	Grab	Soil	5029119
MW-17-S-44.5-070413	Grab	Soil	5029120
MW-17-S-49.5-070413	Grab	Soil	5029121
MW-17-S-54.5-070413	Grab	Soil	5029122
MW-17-S-59.5-070413	Grab	Soil	5029123
MW-17-S-64.5-070413	Grab	Soil	5029124
MW-17-S-69.5-070413	Grab	Soil	5029125
MW-17-S-74.5-070413	Grab	Soil	5029126

ELECTRONIC CRA
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ELECTRONIC CRA

Attn: I Hull

Attn: Dorothy O'Hare

Attn: Charlotte Evans

Attn: J. Williams



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

COPY TO

Questions? Contact your Client Services Representative
Angela M Miller at (717) 656-2300

Respectfully Submitted,

A handwritten signature in cursive script that reads "Melissa A. McDermott".

Melissa A. McDermott
Senior Chemist



Analysis Report

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

Page 1 of 1

Lancaster Laboratories Sample No. SW 5029113

MW-17-S-9.5-070413 Grab Soil
 Facility# 206145 CETE
 800 Center Street-Oakland T0600102230 MW-17
 Collected: 04/13/2007 08:35 by IH

Account Number: 10880

Submitted: 04/14/2007 10:00
 Reported: 04/26/2007 at 12:54
 Discard: 05/27/2007

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

CS009

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	7,300.	800.	mg/kg	20000
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	710.	80.	mg/kg	20
07360	BTEX+MTBE by 8260B					
05460	Benzene	71-43-2	7.2	0.25	mg/kg	498.75
05466	Toluene	108-88-3	330.	2.5	mg/kg	2493.77
05474	Ethylbenzene	100-41-4	150.	0.50	mg/kg	498.75
06301	Xylene (Total)	1330-20-7	650.	2.5	mg/kg	2493.77

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
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/16/2007 18:26	Linda C Pape	20000
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/20/2007 08:56	Tracy A Cole	20
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/18/2007 20:19	Kerri E Koch	2493.77
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/19/2007 15:43	Kerri E Koch	498.75
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/18/2007 00:18	Kerri E Koch	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/16/2007 10:20	Stephanie A Sanchez	n.a.
07024	DRO Alternate Soil Extraction	CA LUFT TPH	1	04/18/2007 08:30	Ineabelle Poveda	1



Analysis Report

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Page 1 of 1

Lancaster Laboratories Sample No. SW 5029114

MW-17-S-14.5-070413 Grab Soil
 Facility# 206145 CETE
 800 Center Street-Oakland T0600102230 MW-17
 Collected: 04/13/2007 08:40 by IH

Account Number: 10880

Submitted: 04/14/2007 10:00
 Reported: 04/26/2007 at 12:54
 Discard: 05/27/2007

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

CSO14

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.	n.a.	1.5		1.0	mg/kg	25
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	0.003		0.0005	mg/kg	1
05466	Toluene	108-88-3	0.002		0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	0.002		0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	0.005		0.001	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		Analyst	Dilution Factor
				Date	Time		
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/16/2007	23:19	Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/19/2007	19:02	Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/18/2007	09:44	Holly Berry	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/18/2007	04:27	Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/16/2007	10:24	Stephanie A Sanchez	n.a.
07024	DRO Alternate Soil Extraction	CA LUFT TPH	1	04/18/2007	08:30	Ineabelle Poveda	1



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-658-2300 Fax: 717-656-2881 • www.lancasterlabs.com

Lancaster Laboratories Sample No. SW 5029115

MW-17-S-19.5-070413 Grab Soil
 Facility# 206145 CETE
 800 Center Street-Oakland T0600102230 MW-17
 Collected: 04/13/2007 08:50 by IH

Account Number: 10880

Submitted: 04/14/2007 10:00
 Reported: 04/26/2007 at 12:54
 Discard: 05/27/2007

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

CSO19

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils	n.a.	N.D.		1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	N.D.		0.0005	mg/kg	1
05466	Toluene	108-88-3	0.004		0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	0.002		0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	0.011		0.001	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		Analyst	Dilution Factor
				Date	Time		
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/16/2007	19:39	Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/19/2007	19:24	Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/18/2007	10:06	Holly Berry	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/18/2007	04:29	Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/16/2007	10:27	Stephanie A Sanchez	n.a.
07024	DRO Alternate Soil Extraction	CA LUFT TPH	1	04/18/2007	08:30	Ineabelle Poveda	1



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Lancaster Laboratories Sample No. SW 5029116

MW-17-S-24.5-070413 Grab Soil
 Facility# 206145 CETE
 800 Center Street-Oakland T0600102230 MW-17
 Collected: 04/13/2007 08:55 by IH

Account Number: 10880

Submitted: 04/14/2007 10:00
 Reported: 04/26/2007 at 12:54
 Discard: 05/27/2007

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

CSO24

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.	n.a.	N.D.		1.0	mg/kg	25
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	N.D.		0.0005	mg/kg	1.01
05466	Toluene	108-88-3	0.001		0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.		0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.		0.001	mg/kg	1.01

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		Analyst	Dilution Factor
				Date	Time		
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/16/2007	20:16	Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/19/2007	19:45	Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/18/2007	10:29	Holly Berry	1.01
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/18/2007	04:31	Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/16/2007	10:31	Stephanie A Sanchez	n.a.
07024	DRO Alternate Soil Extraction	CA LUFT TPH	1	04/18/2007	08:30	Ineabelle Poveda	1



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Lancaster Laboratories Sample No. SW 5029117

MW-17-S-29.5-070413 Grab Soil
 Facility# 206145 CETE
 800 Center Street-Oakland T0600102230 MW-17
 Collected: 04/13/2007 09:05 by IH

Account Number: 10880

Submitted: 04/14/2007 10:00
 Reported: 04/26/2007 at 12:54
 Discard: 05/27/2007

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

CSO29

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils	n.a.	N.D.		1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	N.D.		0.0005	mg/kg	1.01
05466	Toluene	108-88-3	0.002		0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.		0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	0.001		0.001	mg/kg	1.01

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		Analyst	Dilution Factor
				Date	Time		
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/16/2007	20:52	Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/19/2007	20:06	Tracy A Cole	1
07360	BTEX+MTBE by 8260B						
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/18/2007	04:33	Holly Berry	1.01
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/16/2007	10:37	Stephanie A Sanchez	n.a.
07024	DRO Alternate Soil Extraction	CA LUFT TPH	1	04/18/2007	08:30	Ineabelle Poveda	1



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Lancaster Laboratories Sample No. SW 5029118

MW-17-S-34.5-070413 Grab Soil
 Facility# 206145 CETE
 800 Center Street-Oakland T0600102230 MW-17
 Collected: 04/13/2007 09:10 by IH

Account Number: 10880

Submitted: 04/14/2007 10:00
 Reported: 04/26/2007 at 12:54
 Discard: 05/27/2007

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

CSO34

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.	n.a.	N.D.	1.0	mg/kg	25
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.	4.0	mg/kg	1
07360	BTEX+MTBE by 8260B					
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05466	Toluene	108-88-3	0.001	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	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
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/16/2007 21:29	Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/19/2007 20:28	Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/18/2007 11:14	Holly Berry	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/18/2007 04:35	Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/16/2007 10:40	Stephanie A Sanchez	n.a.
07024	DRO Alternate Soil Extraction	CA LUFT TPH	1	04/18/2007 08:30	Ineabelle Poveda	1



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Lancaster Laboratories Sample No. SW 5029119

MW-17-S-39.5-070413 Grab Soil
 Facility# 206145 CETE
 800 Center Street-Oakland T0600102230 MW-17
 Collected: 04/13/2007 09:20 by IH

Account Number: 10880

Submitted: 04/14/2007 10:00
 Reported: 04/26/2007 at 12:54
 Discard: 05/27/2007

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

CSO39

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils	n.a.	N.D.		1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	N.D.		0.0005	mg/kg	1
05466	Toluene	108-88-3	0.003		0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.		0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	0.003		0.001	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		Analyst	Dilution Factor
				Date and Time			
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/16/2007 22:05		Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/19/2007 20:49		Tracy A Cole	1
07360	BTEX+MTBE by 8260B						
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/18/2007 04:36		Holly Berry	1
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/16/2007 10:43		Stephanie A Sanchez	n.a.
07024	DRO Alternate Soil Extraction	CA LUFT TPH	1	04/18/2007 08:30		Ineabelle Poveda	1



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Lancaster Laboratories Sample No. SW 5029120

MW-17-S-44.5-070413 Grab Soil
 Facility# 206145 CETE
 800 Center Street-Oakland T0600102230 MW-17
 Collected: 04/13/2007 09:30 by IH

Account Number: 10880

Submitted: 04/14/2007 10:00
 Reported: 04/26/2007 at 12:54
 Discard: 05/27/2007

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

CSO44

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils	n.a.	3.1		1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	0.002		0.0005	mg/kg	1
05466	Toluene	108-88-3	0.032		0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	0.014		0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	0.032		0.001	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		Analyst	Dilution Factor
				Date	Time		
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/16/2007	22:42	Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/19/2007	21:10	Tracy A Cole	1
07360	BTEX+MTBE by 8260B						
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/18/2007	04:38	Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/16/2007	10:45	Stephanie A Sanchez	n.a.
07024	DRO Alternate Soil Extraction	CA LUFT TPH	1	04/18/2007	08:30	Ineabelle Poveda	1



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Lancaster Laboratories Sample No. SW 5029121

MW-17-S-49.5-070413 Grab Soil
 Facility# 206145 CETE
 800 Center Street-Oakland T0600102230 MW-17
 Collected: 04/13/2007 09:40 by IH

Account Number: 10880

Submitted: 04/14/2007 10:00
 Reported: 04/26/2007 at 12:54
 Discard: 05/27/2007

ChevronTexaco
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 San Ramon CA 94583

CSO49

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.	n.a.	N.D.		1.0	mg/kg	25
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	0.001		0.0005	mg/kg	0.99
05466	Toluene	108-88-3	0.019		0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	0.007		0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	0.018		0.001	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		Analyst	Dilution Factor
				Date	Time		
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/17/2007	02:02	Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/19/2007	21:32	Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/18/2007	12:21	Holly Berry	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/18/2007	04:40	Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/16/2007	10:49	Stephanie A Sanchez	n.a.
07024	DRO Alternate Soil Extraction	CA LUFT TPH	1	04/18/2007	08:30	Ineabelle Poveda	1



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Lancaster Laboratories Sample No. SW 5029122

MW-17-S-54.5-070413 Grab Soil
 Facility# 206145 CE TE
 800 Center Street-Oakland T0600102230 MW-17
 Collected: 04/13/2007 09:52 by IH

Account Number: 10880

Submitted: 04/14/2007 10:00
 Reported: 04/26/2007 at 12:54
 Discard: 05/27/2007

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

CSO54

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.	n.a.	N.D.		1.0	mg/kg	25
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	N.D.		0.0005	mg/kg	1
05466	Toluene	108-88-3	N.D.		0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.		0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.		0.001	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		Analyst	Dilution Factor
				Date	Time		
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/17/2007	02:34	Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/19/2007	21:53	Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/18/2007	12:44	Holly Berry	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/18/2007	04:41	Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/16/2007	10:52	Stephanie A Sanchez	n.a.
07024	DRO Alternate Soil Extraction	CA LUFT TPH	1	04/18/2007	08:30	Ineabelle Poveda	1



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Lancaster Laboratories Sample No. SW 5029123

MW-17-S-59.5-070413 Grab Soil
 Facility# 206145 CETE
 800 Center Street-Oakland T0600102230 MW-17
 Collected: 04/13/2007 10:05 by IH

Account Number: 10880

Submitted: 04/14/2007 10:00
 Reported: 04/26/2007 at 12:54
 Discard: 05/27/2007

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

CSO59

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.	n.a.	N.D.		1.0	mg/kg	25
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	0.0006		0.0005	mg/kg	1
05466	Toluene	108-88-3	0.004		0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.		0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	0.001		0.001	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		Analyst	Dilution Factor
				Date	Time		
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/17/2007	03:05	Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/19/2007	22:14	Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/18/2007	22:11	Sara E Wolf	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/18/2007	12:40	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/16/2007	10:56	Stephanie A Sanchez	n.a.
07024	DRO Alternate Soil Extraction	CA LUFT TPH	1	04/18/2007	08:30	Ineabelle Poveda	1



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Lancaster Laboratories Sample No. SW 5029124

MW-17-S-64.5-070413 Grab Soil
Facility# 206145 CETE
800 Center Street-Oakland T0600102230 MW-17
Collected: 04/13/2007 10:15 by IH

Account Number: 10880

Submitted: 04/14/2007 10:00
Reported: 04/26/2007 at 12:54
Discard: 05/27/2007

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CSO64

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.	n.a.	N.D.		1.0	mg/kg	25
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	N.D.		0.0005	mg/kg	0.99
05466	Toluene	108-88-3	N.D.		0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.		0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.		0.001	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		Analyst	Dilution Factor
				Date	Time		
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/17/2007	03:37	Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/19/2007	22:36	Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/18/2007	22:33	Sara E Wolf	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/18/2007	12:42	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/16/2007	10:59	Stephanie A Sanchez	n.a.
07024	DRO Alternate Soil Extraction	CA LUFT TPH	1	04/18/2007	08:30	Ineabelle Poveda	1



Analysis Report

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

Page 1 of 1

Lancaster Laboratories Sample No. SW 5029125

MW-17-S-69.5-070413 Grab Soil
 Facility# 206145 CETE
 800 Center Street-Oakland T0600102230 MW-17
 Collected: 04/13/2007 10:25 by IH

Account Number: 10880

Submitted: 04/14/2007 10:00
 Reported: 04/26/2007 at 12:54
 Discard: 05/27/2007

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

CSO69

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.	n.a.	N.D.		1.0	mg/kg	25
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	N.D.		0.0005	mg/kg	1
05466	Toluene	108-88-3	N.D.		0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.		0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.		0.001	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		Analyst	Dilution Factor
				Date	Time		
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/17/2007	04:08	Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/19/2007	22:57	Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/20/2007	00:12	Sara E Wolf	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/19/2007	01:26	Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/16/2007	11:06	Stephanie A Sanchez	n.a.
07024	DRO Alternate Soil Extraction	CA LUFT TPH	1	04/18/2007	08:30	Ineabelle Poveda	1



Analysis Report

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

Lancaster Laboratories Sample No. SW 5029126

MW-17-S-74.5-070413 Grab Soil
 Facility# 206145 CETE
 800 Center Street-Oakland T0600102230 MW-17
 Collected: 04/13/2007 10:37 by IH

Account Number: 10880

Submitted: 04/14/2007 10:00
 Reported: 04/26/2007 at 12:54
 Discard: 05/27/2007

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

CSO74

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01725	TPH-GRO - Soils The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.	n.a.	N.D.	Detection Limit 1.0	mg/kg	25
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.	4.0	mg/kg	1
07360	BTEX+MTBE by 8260B					
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05466	Toluene	108-88-3	0.002	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	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		Analyst	Dilution Factor
				Date	Time		
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/17/2007	04:40	Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/19/2007	23:19	Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/20/2007	00:34	Sara E Wolf	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/19/2007	01:30	Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/16/2007	11:10	Stephanie A Sanchez	n.a.
07024	DRO Alternate Soil Extraction	CA LUFT TPH	1	04/18/2007	08:30	Ineabelle Poveda	1

Quality Control Summary

 Client Name: ChevronTexaco
 Reported: 04/26/07 at 12:54 PM

Group Number: 1033739

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	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 071060026A TPH-DRO by 8015B w/Silica Gel	N.D.	4.0	mg/kg	86	92	71-109	7	20
Batch number: 07106A31A TPH-GRO - Soils	N.D.	1.0	mg/kg	92		67-119		
Batch number: 07107A16A TPH-GRO - Soils	N.D.	1.0	mg/kg	94		67-119		
Batch number: A071081AA Benzene	N.D.	0.0005	mg/kg	101	102	84-115	2	30
Toluene	N.D.	0.001	mg/kg	91	92	81-116	2	30
Ethylbenzene	N.D.	0.001	mg/kg	93	95	82-115	2	30
Xylene (Total)	N.D.	0.001	mg/kg	92	94	82-117	2	30
Batch number: A071082AA Benzene	N.D.	0.0005	mg/kg	103		84-115		
Toluene	N.D.	0.001	mg/kg	92		81-116		
Ethylbenzene	N.D.	0.001	mg/kg	98		82-115		
Xylene (Total)	N.D.	0.001	mg/kg	98		82-117		
Batch number: A071092AA Benzene	N.D.	0.0005	mg/kg	98		84-115		
Toluene	N.D.	0.001	mg/kg	87		81-116		
Ethylbenzene	N.D.	0.001	mg/kg	93		82-115		
Xylene (Total)	N.D.	0.001	mg/kg	93		82-117		
Batch number: Q071073AB Toluene	N.D.	0.13	mg/kg	90		81-116		
Xylene (Total)	N.D.	0.13	mg/kg	90		82-117		
Batch number: Q071091AA Benzene	N.D.	0.063	mg/kg	98		84-115		
Ethylbenzene	N.D.	0.13	mg/kg	93		82-115		

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: 07106A31A TPH-GRO - Soils	73	70	39-118	4	30				

*- Outside of specification

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

Quality Control Summary

 Client Name: ChevronTexaco
 Reported: 04/26/07 at 12:54 PM

Group Number: 1033739

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: 07107A16A TPH-GRO - Soils	55	57	39-118	4	30				
Batch number: A071081AA	Sample number(s): 5029114-5029122 UNSPK: P026900								
Benzene	98		59-120						
Toluene	89		38-131						
Ethylbenzene	95		54-116						
Xylene (Total)	96		44-127						
Batch number: A071082AA	Sample number(s): 5029123-5029124 UNSPK: P028271								
Benzene	89	87	59-120	2	30				
Toluene	82	80	38-131	3	30				
Ethylbenzene	86	87	54-116	0	30				
Xylene (Total)	87	87	44-127	0	30				
Batch number: A071092AA	Sample number(s): 5029125-5029126 UNSPK: P029677								
Benzene	85	75	59-120	11	30				
Toluene	76	65	38-131	13	30				
Ethylbenzene	81	70	54-116	13	30				
Xylene (Total)	82	70	44-127	13	30				
Batch number: Q071073AB	Sample number(s): 5029113 UNSPK: P028266								
Toluene	92	91	38-131	1	30				
Xylene (Total)	93	90	44-127	3	30				
Batch number: Q071091AA	Sample number(s): 5029113 UNSPK: P031301								
Benzene	94	92	59-120	3	30				
Ethylbenzene	96	90	54-116	6	30				

Surrogate Quality Control

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

 Analysis Name: TPH-DRO by 8015B w/Silica Gel
 Batch number: 071060026A
 Orthoterphenyl

5029113	93
5029114	90
5029115	89
5029116	88
5029117	87
5029118	87
5029119	87
5029120	89
5029121	89
5029122	91
5029123	76
5029124	83

*- Outside of specification

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

Quality Control Summary

Client Name: ChevronTexaco
Reported: 04/26/07 at 12:54 PM

Group Number: 1033739

Surrogate Quality Control

5029125 76
5029126 70
Blank 92
LCS 93
LCSD 97

Limits: 59-129

Analysis Name: TPH-GRO - Soils
Batch number: 07106A31A
Trifluorotoluene-F

5029113 4*
5029114 92
5029115 84
5029116 89
5029117 88
5029118 79
5029119 86
5029120 86
Blank 104
LCS 103
MS 96
MSD 91

Limits: 61-122

Analysis Name: TPH-GRO - Soils
Batch number: 07107A16A
Trifluorotoluene-F

5029121 74
5029122 76
5029123 79
5029124 78
5029125 82
5029126 73
Blank 81
LCS 87
MS 69
MSD 70

Limits: 61-122

Analysis Name: BTEX+MTBE by 8260B
Batch number: A071081AA
Dibromofluoromethane

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5029114	98	91	90	89
5029115	101	95	90	88
5029116	99	89	91	85
5029117	100	91	89	87
5029118	99	90	91	84
5029119	99	89	90	85
5029120	94	87	91	92
5029121	96	88	91	87
5029122	100	91	90	83
Blank	99	95	90	85

*- Outside of specification

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

Quality Control Summary

 Client Name: ChevronTexaco
 Reported: 04/26/07 at 12:54 PM

Group Number: 1033739

Surrogate Quality Control

LCS	97	93	95	91
LCSD	96	93	95	91
MS	97	94	95	92
Limits:	71-114	70-109	70-123	70-111
Analysis Name: BTEX+MTBE by 8260B				
Batch number: A071082AA				
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5029123	99	93	91	82
5029124	102	100	89	86
Blank	98	93	90	86
LCS	97	93	94	92
MS	96	92	95	91
MSD	95	93	95	91
Limits:	71-114	70-109	70-123	70-111
Analysis Name: BTEX+MTBE by 8260B				
Batch number: A071092AA				
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5029125	102	93	90	84
5029126	98	92	91	83
Blank	99	93	89	84
LCS	97	93	93	92
MS	97	92	93	91
MSD	98	98	93	92
Limits:	71-114	70-109	70-123	70-111
Analysis Name: 8260 Master Scan (soil)				
Batch number: Q071073AB				
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
Blank	97	99	94	91
LCS	95	95	91	93
MS	95	95	92	93
MSD	94	93	92	93
Limits:	71-114	70-109	70-123	70-111
Analysis Name: BTEX+MTBE by 8260B				
Batch number: Q071091AA				
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5029113	95	97	98	104
Blank	100	101	95	92
LCS	97	98	96	94
MS	97	96	92	96
MSD	97	95	91	94
Limits:	71-114	70-109	70-123	70-111

*- Outside of specification

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

Quality Control Summary

Client Name: ChevronTexaco
Reported: 04/26/07 at 12:54 PM

Group Number: 1033739

*- Outside of specification

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

Chevron California Region Analysis Request/Chain of Custody



244784

For Lancaster Laboratories use only

Acct. # 10880 Sample #: 5029113-26

SCR#:

041307-16

1082

G# 1033139

Facility #: <u>20-6145</u> <u>ATL</u> Site Address: <u>800 CENTER ST., GAKLAND</u> Chevron PM: <u>SATYA SINHA</u> Lead Consultant: <u>CRA</u> Consultant/Office: <u>EMERYVILLE</u> Consultant Prj. Mgr.: <u>C. EVANS</u> Consultant Phone #: <u>510-42-3351</u> Fax #: <u>50-420-9170</u> Sampler: <u>I. HULL</u> Service Order #: _____ <input type="checkbox"/> Non SAR: _____							Analyses Requested										Preservative Codes	
							Preservation Codes										H = HCl T = Thiosulfate N = HNO ₃ B = NaOH S = H ₂ SO ₄ O = Other	
							Total Number of Containers										<input type="checkbox"/> J value reporting needed <input type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy's on highest hit <input type="checkbox"/> Run ___ oxy's on all hits	
							Grab Composite Total Number of Containers BTEX + TPH 8260 <input checked="" type="checkbox"/> 8021 <input type="checkbox"/> TPH 8015 MOD GRO <input type="checkbox"/> TPH 8015 MOD DRO <input checked="" type="checkbox"/> Silica Gel Cleanup 8260 full scan <input type="checkbox"/> Oxygenates <input type="checkbox"/> Lead 7420 <input type="checkbox"/> 7421 <input type="checkbox"/>											
Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + TPH 8260 <input checked="" type="checkbox"/> 8021 <input type="checkbox"/>	TPH 8015 MOD GRO <input type="checkbox"/>	TPH 8015 MOD DRO <input checked="" type="checkbox"/> Silica Gel Cleanup	8260 full scan <input type="checkbox"/>	Oxygenates <input type="checkbox"/>	Lead 7420 <input type="checkbox"/> 7421 <input type="checkbox"/>	Comments / Remarks		
MW-17-S-9.5	SOIL		9.5	07 04 13	8:35		X	1	X	X	X					please email to: cevans@craworld.com jw.thams@craworld.com ihull@craworld.com dohare@craworld.com		
MW-17-S-14.5			14.5		8:40													
MW-17-S-19.5			19.5		8:50													
MW-17-S-24.5			24.5		8:58													
MW-17-S-29.5			29.5		9:08													
MW-17-S-34.5			34.5		9:10													
MW-17-S-39.5			39.5		9:20													
MW-17-S-44.5			44.5		9:30													
MW-17-S-49.5			49.5		9:40													
MW-17-S-54.5			54.5		9:52													
MW-17-S-59.5			59.5		10:08													
MW-17-S-64.5	↓		64.5	↓	10:15													

Turnaround Time Requested (TAT) (please circle)			Relinquished by: <u>DAN HULL</u> <i>Dan Hull</i>		Date: <u>07-04-13</u>	Time: <u>15:15</u>	Received by: <u>[Signature]</u>		Date: <u>4/13/07</u>	Time: <u>15:15</u>
(STD. TAT) 24 hour 72 hour 48 hour 4 day 5 day			Relinquished by: <u>[Signature]</u>		Date: <u>4/13/07</u>	Time:	Received by: <u>[Signature]</u>		Date: <u>4/13/07</u>	Time:
Data Package Options (please circle if required): QC Summary Type I - Full Type VI (Raw Data) <input type="checkbox"/> Coelt Deliverable not needed WIP (RWQCB) Disk			Relinquished by Commercial Carrier: UPS FedEx Other: <u>DHL</u> <i>4 cooler changes</i>		Date:	Time:	Received by: <u>[Signature]</u>		Date: <u>4/14/07</u>	Time: <u>10:00</u>
Temperature Upon Receipt: <u>17.2-4C</u> °C			Custody Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No							

Chevron California Region Analysis Request/Chain of Custody



For Lancaster Laboratories use only

244783

041307-16
20F2

Acct. #: 10880 Sample #: 5029113-26

SCR#:

G# 1033139

Facility #: 20-6145 A1L
 Site Address: 800 CENTER STREET, OAKLAND
 Chevron PM: SATYA SINHA Lead Consultant: CRA
 Consultant/Office: EMERYVILLE
 Consultant Prj. Mgr.: C. EVANS
 Consultant Phone #: 510-420-3361 Fax #: 510-420-9170
 Sampler: I. HULL
 Service Order #: _____ Non SAR: _____

Analyses Requested

Preservation Codes																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Total Number of Containers</td> <td style="width: 50%; text-align: center;">8260 <input type="checkbox"/></td> </tr> <tr> <td style="text-align: center;">BTEX + THP 8021</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="text-align: center;">TPH 8015 MOD GRO</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td style="text-align: center;">TPH 8015 MOD DRO</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="text-align: center;">Silica Gel Cleanup</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td style="text-align: center;">8260 full scan</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td style="text-align: center;">Oxygenates</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td style="text-align: center;">Lead 7420</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td style="text-align: center;">7421</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table>	Total Number of Containers	8260 <input type="checkbox"/>	BTEX + THP 8021	<input checked="" type="checkbox"/>	TPH 8015 MOD GRO	<input type="checkbox"/>	TPH 8015 MOD DRO	<input checked="" type="checkbox"/>	Silica Gel Cleanup	<input type="checkbox"/>	8260 full scan	<input type="checkbox"/>	Oxygenates	<input type="checkbox"/>	Lead 7420	<input type="checkbox"/>	7421	<input type="checkbox"/>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Preservative Codes</td> <td style="width: 50%; text-align: center;">Preservative Codes</td> </tr> <tr> <td style="text-align: center;">H = HCl</td> <td style="text-align: center;">T = Thiosulfate</td> </tr> <tr> <td style="text-align: center;">N = HNO₃</td> <td style="text-align: center;">B = NaOH</td> </tr> <tr> <td style="text-align: center;">S = H₂SO₄</td> <td style="text-align: center;">O = Other</td> </tr> <tr> <td colspan="2"> <input type="checkbox"/> J value reporting needed <input type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy's on highest hit <input type="checkbox"/> Run ___ oxy's on all hits </td> </tr> </table>	Preservative Codes	Preservative Codes	H = HCl	T = Thiosulfate	N = HNO ₃	B = NaOH	S = H ₂ SO ₄	O = Other	<input type="checkbox"/> J value reporting needed <input type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy's on highest hit <input type="checkbox"/> Run ___ oxy's on all hits	
Total Number of Containers	8260 <input type="checkbox"/>																												
BTEX + THP 8021	<input checked="" type="checkbox"/>																												
TPH 8015 MOD GRO	<input type="checkbox"/>																												
TPH 8015 MOD DRO	<input checked="" type="checkbox"/>																												
Silica Gel Cleanup	<input type="checkbox"/>																												
8260 full scan	<input type="checkbox"/>																												
Oxygenates	<input type="checkbox"/>																												
Lead 7420	<input type="checkbox"/>																												
7421	<input type="checkbox"/>																												
Preservative Codes	Preservative Codes																												
H = HCl	T = Thiosulfate																												
N = HNO ₃	B = NaOH																												
S = H ₂ SO ₄	O = Other																												
<input type="checkbox"/> J value reporting needed <input type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy's on highest hit <input type="checkbox"/> Run ___ oxy's on all hits																													

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + THP 8021	TPH 8015 MOD GRO	TPH 8015 MOD DRO	Silica Gel Cleanup	8260 full scan	Oxygenates	Lead 7420	7421
MW-17-S-69.5	SOIL		69.5	07 04 13	10:25		X		1	X	X	X					
MW-17-S-74.5	SOIL		74.5	07 04 13	10:37		X		1	X	X	X					

Comments / Remarks
 please email to
 cevan@cravworld.com
 ewilliams@cravworld.com
 ihull@cravworld.com
 dshore@cravworld.com

Turnaround Time Requested (TAT) (please circle)

STD. TAT 72 hour 48 hour
 24 hour 4 day 5 day

Data Package Options (please circle if required)

QC Summary Type I - Full
 Type VI (Raw Data) Coelt Deliverable not needed
 WIP (RWQCB)
 Disk

Relinquished by: <u>IAN HULL</u> <i>I. Hull</i>	Date: <u>07-04-13</u>	Time: <u>15:15</u>	Received by: <u>Elyse Lumbard</u>	Date: <u>4/13/07</u>	Time: <u>15:15</u>
Relinquished by: <u>Elyse Lumbard</u>	Date: <u>4/13/07</u>	Time: _____	Received by: <u>DHL</u>	Date: <u>4/13/07</u>	Time: _____
Relinquished by Commercial Carrier: UPS FedEx <u>Other</u> <u>DHL</u> <i>9 copies ranges</i>	Received by: <u>Pess Zook</u>	Date: <u>4/14/07</u>	Time: <u>10:00</u>	Custody Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	_____
Temperature Upon Receipt: <u>11-24</u> °C					

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 <u>limit of quantitation</u> , 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	Inorganic Qualifiers
A TIC is a possible aldol-condensation product	B Value is <CRDL, but ≥IDL
B Analyte was also detected in the blank	E Estimated due to interference
C Pesticide result confirmed by GC/MS	M Duplicate injection precision not met
D Compound quantitated on a diluted sample	N Spike amount not within control limits
E Concentration exceeds the calibration range of the instrument	S Method of standard additions (MSA) used for calculation
J Estimated value	U Compound was not detected
N Presumptive evidence of a compound (TICs only)	W Post digestion spike out of control limits
P Concentration difference between primary and confirmation columns >25%	* Duplicate analysis not within control limits
U Compound was not detected	+ Correlation coefficient for MSA <0.995
X,Y,Z Defined in case narrative	

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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ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

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

The sample group for this submittal is 1033786. Samples arrived at the laboratory on Saturday, April 14, 2007. The PO# for this group is 0015014975 and the release number is SINHA.

<u>Client Description</u>			<u>Lancaster Labs Number</u>
MW-14-S-9-070411	Grab	Soil	5029419
MW-14-S-14.5-070411	Grab	Soil	5029420
MW-14-S-19.5-070411	Grab	Soil	5029421
MW-14-S-24.5-070411	Grab	Soil	5029422
MW-14-S-29.5-070411	Grab	Soil	5029423
MW-14-S-34.5-070411	Grab	Soil	5029424
MW-14-S-39.6-070411	Grab	Soil	5029425
MW-14-S-44.6-070411	Grab	Soil	5029426
MW-14-S-49.5-070411	Grab	Soil	5029427
MW-14-S-54.5-070411	Grab	Soil	5029428
MW-14-S-59.5-070411	Grab	Soil	5029429

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ELECTRONIC CRA
COPY TO

Attn: I Hull

Attn: Charlotte Evans

Attn: J. Williams

Attn: Dorothy O'Hare



Analysis Report

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Questions? Contact your Client Services Representative
Angela M Miller at (717) 656-2300

Respectfully Submitted,

A handwritten signature in cursive script that reads "Melissa A. McDermott".

Melissa A. McDermott
Senior Chemist



Analysis Report

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Lancaster Laboratories Sample No. SW 5029419

MW-14-S-9-070411 Grab Soil
 Facility# 206145 CETE
 800 Center St-Oakland T0600102230 MW-14
 Collected: 04/11/2007 10:05 by IH

Account Number: 10880

Submitted: 04/14/2007 10:00
 Reported: 04/25/2007 at 17:04
 Discard: 05/26/2007

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

M14-9

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils	n.a.	3,400.		800.	mg/kg	20000
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	33.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	0.23		0.063	mg/kg	125.63
05466	Toluene	108-88-3	35.		0.13	mg/kg	125.63
05474	Ethylbenzene	100-41-4	34.		0.13	mg/kg	125.63
06301	Xylene (Total)	1330-20-7	180.		1.3	mg/kg	1256.28

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		Analyst	Dilution Factor
				Date	Time		
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/17/2007	05:12	Linda C Pape	20000
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/18/2007	18:29	Tracy A Cole	1
07360	BTEX+MTBE by 8260B						
07360	BTEX+MTBE by 8260B						
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/18/2007	00:15	Stephanie A Selis	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/16/2007	09:25	Stephanie A Sanchez	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/16/2007	16:00	Doreen K Robles	1



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Lancaster Laboratories Sample No. SW 5029420

MW-14-S-14.5-070411 Grab Soil
 Facility# 206145 CETE
 800 Center St-Oakland T0600102230 MW-14
 Collected: 04/11/2007 10:10 by IH

Account Number: 10880

Submitted: 04/14/2007 10:00
 Reported: 04/25/2007 at 17:04
 Discard: 05/26/2007

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

M1414

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	880.	80.	mg/kg	2000
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	13.	4.0	mg/kg	1
07360	BTEX+MTBE by 8260B					
05460	Benzene	71-43-2	0.097	0.062	mg/kg	124.38
05466	Toluene	108-88-3	0.45	0.12	mg/kg	124.38
05474	Ethylbenzene	100-41-4	3.2	0.12	mg/kg	124.38
06301	Xylene (Total)	1330-20-7	10.	0.12	mg/kg	124.38

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
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/17/2007 14:18	Linda C Pape	2000
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/18/2007 14:34	Tracy A Cole	1
07360	BTEX+MTBE by 8260B					
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/18/2007 00:17	Stephanie A Selis	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/16/2007 09:29	Stephanie A Sanchez	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/16/2007 16:00	Doreen K Robles	1



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Lancaster Laboratories Sample No. SW 5029421

MW-14-S-19.5-070411 Grab Soil
 Facility# 206145 CETE
 800 Center St-Oakland T0600102230 MW-14
 Collected: 04/11/2007 10:15 by IH

Account Number: 10880

Submitted: 04/14/2007 10:00
 Reported: 04/25/2007 at 17:04
 Discard: 05/26/2007

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

MI1419

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	7.3	2.0	mg/kg	50
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.	4.0	mg/kg	1
07360	BTEX+MTBE by 8260B					
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	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		Analyst	Dilution Factor
				Date	Time		
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/17/2007	07:19	Linda C Pape	50
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/18/2007	14:56	Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/20/2007	18:37	Emiley A King	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/20/2007	10:05	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/16/2007	09:33	Stephanie A Sanchez	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/16/2007	16:00	Doreen K Robles	1



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Lancaster Laboratories Sample No. SW 5029422

MW-14-S-24.5-070411 Grab Soil
 Facility# 206145 CETE
 800 Center St-Oakland T0600102230 MW-14
 Collected: 04/11/2007 10:22 by IH

Account Number: 10880

Submitted: 04/14/2007 10:00
 Reported: 04/25/2007 at 17:04
 Discard: 05/26/2007

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

M1424

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils	n.a.	1.2		1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	N.D.		0.0005	mg/kg	1.01
05466	Toluene	108-88-3	N.D.		0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.		0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.		0.001	mg/kg	1.01

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		Analyst	Dilution Factor
				Date	Time		
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/17/2007	07:52	Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/18/2007	15:17	Tracy A Cole	1
07360	BTEX+MTBE by 8260B						
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/20/2007	10:07	Emiley A King	1.01
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/16/2007	09:37	Stephanie A Sanchez	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/16/2007	16:00	Doreen K Robles	1



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Lancaster Laboratories Sample No. SW 5029423

MW-14-S-29.5-070411 Grab Soil
 Facility# 206145 CE TE
 800 Center St-Oakland T0600102230 MW-14
 Collected: 04/11/2007 10:28 by IH

Account Number: 10880

Submitted: 04/14/2007 10:00
 Reported: 04/25/2007 at 17:04
 Discard: 05/26/2007

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

M1429

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method		
01725	TPH-GRO - Soils	n.a.	N.D.	Detection Limit 1.0	mg/kg	25
The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.	4.0	mg/kg	1
07360	BTEX+MTBE by 8260B					
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05466	Toluene	108-88-3	0.002	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	0.001	0.001	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		Analyst	Dilution Factor
				Date	Time		
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/17/2007	08:23	Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/18/2007	15:39	Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/20/2007	20:09	Emiley A King	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/20/2007	10:08	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/16/2007	09:41	Stephanie A Sanchez	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/16/2007	16:00	Doreen K Robles	1



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Lancaster Laboratories Sample No. SW 5029424

MW-14-S-34.5-070411 Grab Soil
 Facility# 206145 CE TE
 800 Center St-Oakland T0600102230 MW-14
 Collected: 04/11/2007 10:32 by IH

Account Number: 10880

Submitted: 04/14/2007 10:00
 Reported: 04/25/2007 at 17:04
 Discard: 05/26/2007

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 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

M1434

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.	n.a.	N.D.		1.0	mg/kg	25
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	N.D.		0.0005	mg/kg	1
05466	Toluene	108-88-3	0.002		0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.		0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	0.001		0.001	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		Analyst	Dilution Factor
				Date and Time			
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/17/2007 08:55		Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/18/2007 16:00		Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/20/2007 20:31		Emiley A King	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/20/2007 10:10		Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/16/2007 09:44		Stephanie A Sanchez	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/16/2007 16:00		Doreen K Robles	1



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Lancaster Laboratories Sample No. SW 5029425

MW-14-S-39.6-070411 Grab Soil
 Facility# 206145 CETE
 800 Center St-Oakland T0600102230 MW-14
 Collected: 04/11/2007 10:52 by IH Account Number: 10880

Submitted: 04/14/2007 10:00 ChevronTexaco
 Reported: 04/25/2007 at 17:04 6001 Bollinger Canyon Rd L4310
 Discard: 05/26/2007 San Ramon CA 94583

M1439

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils	n.a.	N.D.		1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	N.D.		0.0005	mg/kg	0.99
05466	Toluene	108-88-3	N.D.		0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.		0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.		0.001	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		Analyst	Dilution Factor
				Date and Time			
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/17/2007 09:27		Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/18/2007 16:21		Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/20/2007 20:54		Emiley A King	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/20/2007 10:11		Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/16/2007 09:47		Stephanie A Sanchez	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/16/2007 16:00		Doreen K Robles	1

Lancaster Laboratories Sample No. SW 5029426
MW-14-S-44.6-070411 Grab Soil
Facility# 206145 CETE
800 Center St-Oakland T0600102230 MW-14
Collected: 04/11/2007 11:17 by IH
Account Number: 10880
Submitted: 04/14/2007 10:00
Reported: 04/25/2007 at 17:04
Discard: 05/26/2007
ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

M1444

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils	n.a.	2.1		1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	0.0005		0.0005	mg/kg	0.99
05466	Toluene	108-88-3	0.004		0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.		0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	0.004		0.001	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		Analyst	Dilution Factor
				Date and Time			
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/17/2007	09:58	Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/18/2007	16:43	Tracy A Cole	1
07360	BTEX+MTBE by 8260B						
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/20/2007	10:13	Emiley A King	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/16/2007	09:52	Stephanie A Sanchez	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/16/2007	16:00	Doreen K Robles	1

Lancaster Laboratories Sample No. SW 5029427
MW-14-S-49.5-070411 Grab Soil
Facility# 206145 CETE
800 Center St-Oakland T0600102230 MW-14
 Collected: 04/11/2007 11:23 by IH

Account Number: 10880

 Submitted: 04/14/2007 10:00
 Reported: 04/25/2007 at 17:04
 Discard: 05/26/2007

 ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

M1449

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01725	TPH-GRO - Soils The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.	n.a.	1.5		1.0	mg/kg	25
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.		4.0	mg/kg	1
07360	BTEX+MTBE by 8260B						
05460	Benzene	71-43-2	0.004		0.0005	mg/kg	1
05466	Toluene	108-88-3	0.011		0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	0.005		0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	0.024		0.001	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		Analyst	Dilution Factor
				Date and Time			
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/17/2007 10:30		Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/18/2007 17:04		Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/18/2007 08:36		Holly Berry	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/18/2007 04:21		Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/16/2007 09:55		Stephanie A Sanchez	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/16/2007 16:00		Doreen K Robles	1



Analysis Report

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Lancaster Laboratories Sample No. SW 5029428

MW-14-S-54.5-070411 Grab Soil
Facility# 206145 CETE
800 Center St-Oakland T0600102230 MW-14
Collected: 04/11/2007 11:37 by IH

Account Number: 10880

Submitted: 04/14/2007 10:00
Reported: 04/25/2007 at 17:04
Discard: 05/26/2007

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

M1454

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Method		
01725	TPH-GRO - Soils	n.a.	N.D.	Detection Limit 1.0	mg/kg	25
The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.	4.0	mg/kg	1
07360	BTEX+MTBE by 8260B					
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	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	Analyst	Dilution Factor
				Date and Time		
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/17/2007 11:02	Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/18/2007 17:25	Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/18/2007 08:59	Holly Berry	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/18/2007 04:24	Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/16/2007 09:59	Stephanie A Sanchez	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/16/2007 16:00	Doreen K Robles	1



Analysis Report

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Page 1 of 1

Lancaster Laboratories Sample No. SW 5029429

MW-14-S-59.5-070411 Grab Soil
 Facility# 206145 CETE
 800 Center St-Oakland T0600102230 MW-14
 Collected: 04/11/2007 11:50 by IH

Account Number: 10880

Submitted: 04/14/2007 10:00
 Reported: 04/25/2007 at 17:04
 Discard: 05/26/2007

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

M1459

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01725	TPH-GRO - Soils The analysis for volatiles was performed on a sample which was preserved in methanol. Therefore, the reporting limits were raised. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.	n.a.	N.D.	Detection Limit 1.0	mg/kg	25
02222	TPH-DRO by 8015B w/Silica Gel	n.a.	N.D.	4.0	mg/kg	1
07360	BTEX+MTBE by 8260B					
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05466	Toluene	108-88-3	0.001	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	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		Analyst	Dilution Factor
				Date and Time			
01725	TPH-GRO - Soils	SW-846 8015B modified	1	04/17/2007 11:34		Linda C Pape	25
02222	TPH-DRO by 8015B w/Silica Gel	SW-846 8015B	1	04/18/2007 17:47		Tracy A Cole	1
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	04/18/2007 09:21		Holly Berry	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	04/18/2007 04:26		Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5035	1	04/16/2007 10:02		Stephanie A Sanchez	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	04/16/2007 16:00		Doreen K Robles	1

Quality Control Summary

 Client Name: ChevronTexaco
 Reported: 04/25/07 at 05:04 PM

Group Number: 1033786

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	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 071060011A TPH-DRO by 8015B w/Silica Gel	Sample number(s): 5029419-5029429 N.D.	4.0	mg/kg	96	85	71-109	11	20
Batch number: 07107A16A TPH-GRO - Soils	Sample number(s): 5029419-5029429 N.D.	1.0	mg/kg	94		67-119		
Batch number: A071081AA Benzene	Sample number(s): 5029427-5029429 N.D.	0.0005	mg/kg	101	102	84-115	2	30
Toluene	N.D.	0.001	mg/kg	91	92	81-116	2	30
Ethylbenzene	N.D.	0.001	mg/kg	93	95	82-115	2	30
Xylene (Total)	N.D.	0.001	mg/kg	92	94	82-117	2	30
Batch number: A071101AA Benzene	Sample number(s): 5029421-5029426 N.D.	0.0005	mg/kg	104		84-115		
Toluene	N.D.	0.001	mg/kg	90		81-116		
Ethylbenzene	N.D.	0.001	mg/kg	96		82-115		
Xylene (Total)	N.D.	0.001	mg/kg	95		82-117		
Batch number: Q071073AB Benzene	Sample number(s): 5029419-5029420 N.D.	0.063	mg/kg	92		84-115		
Toluene	N.D.	0.13	mg/kg	90		81-116		
Ethylbenzene	N.D.	0.13	mg/kg	88		82-115		
Xylene (Total)	N.D.	0.13	mg/kg	90		82-117		

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: 07107A16A TPH-GRO - Soils	Sample number(s): 5029419-5029429 UNSPK: P018125	55	57	39-118	4	30			
Batch number: A071081AA Benzene	Sample number(s): 5029427-5029429 UNSPK: P026900	98		59-120					
Toluene	89		38-131						
Ethylbenzene	95		54-116						
Xylene (Total)	96		44-127						
Batch number: A071101AA Benzene	Sample number(s): 5029421-5029426 UNSPK: P030389	82	85	59-120	4	30			
Toluene	68	70	38-131	2	30				
Ethylbenzene	71	77	54-116	7	30				
Xylene (Total)	69	71	44-127	4	30				

*- Outside of specification

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

Quality Control Summary

 Client Name: ChevronTexaco
 Reported: 04/25/07 at 05:04 PM

Group Number: 1033786

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: Q071073AB	Sample number(s): 5029419-5029420 UNSPK: P028266								
Benzene	92	90	59-120	2	30				
Toluene	92	91	38-131	1	30				
Ethylbenzene	91	89	54-116	1	30				
Xylene (Total)	93	90	44-127	3	30				

Surrogate Quality Control

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

 Analysis Name: TPH-DRO by 8015B w/Silica Gel
 Batch number: 071060011A
 Orthoterphenyl

5029419	105
5029420	99
5029421	100
5029422	94
5029423	99
5029424	107
5029425	105
5029426	105
5029427	103
5029428	105
5029429	98
Blank	98
LCS	116
LCSD	104

Limits: 59-129

 Analysis Name: TPH-GRO - Soils
 Batch number: 07107A16A
 Trifluorotoluene-F

5029419	3*
5029420	9*
5029421	44*
5029422	81
5029423	73
5029424	78
5029425	84
5029426	79
5029427	84
5029428	80
5029429	73
Blank	81
LCS	87

*- Outside of specification

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

Quality Control Summary

 Client Name: ChevronTexaco
 Reported: 04/25/07 at 05:04 PM

Group Number: 1033786

Surrogate Quality Control

 MS 69
 MSD 70

Limits: 61-122

Analysis Name: BTEX+MTBE by 8260B

Batch number: A071081AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5029427	96	90	91	88
5029428	101	91	90	83
5029429	100	91	90	84
Blank	99	95	90	85
LCS	97	93	95	91
LCS D	96	93	95	91
MS	97	94	95	92

Limits: 71-114

70-109

70-123

70-111

Analysis Name: BTEX+MTBE by 8260B

Batch number: A071101AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5029421	94	89	91	91
5029422	97	90	91	86
5029423	97	91	92	87
5029424	98	92	92	87
5029425	97	91	91	87
5029426	97	89	92	89
Blank	98	92	91	87
LCS	96	94	95	93
MS	97	95	93	93
MSD	96	92	92	92

Limits: 71-114

70-109

70-123

70-111

Analysis Name: BTEX+MTBE by 8260B

Batch number: Q071073AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5029419	95	97	90	96
5029420	93	93	89	91
Blank	97	99	94	91
LCS	95	95	91	93
MS	95	95	92	93
MSD	94	93	92	93

Limits: 71-114

70-109

70-123

70-111

*- Outside of specification

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

Chevron California Region Analysis Request/Chain of Custody



For Lancaster Laboratories use only
 Acct. #: 10880 Sample #: 5029419-29

244785

SCR#:

041107-11

C# 1033786

Facility #: ZO-6145 A1L
 Site Address: 800 CENTER STREET, OAKLAND
 Chevron PM: SATYA SINHA Lead Consultant: CRA
 Consultant/Office: EMERYVILLE
 Consultant Prj. Mgr.: C. EVANS
 Consultant Phone #: 510 420 3351 Fax #: 510-420-9170
 Sampler: I HULL
 Service Order #: _____ Non SAR: _____

Analyses Requested

Preservation Codes

Grab	Composite	Total Number of Containers	BTEX + N	TPH 8015 MOD	TPH 8015 MOD DRO	8260 full scan	Oxygenates	Lead 7420	7421
			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Preservative Codes
 H = HCl T = Thiosulfate
 N = HNO₃ B = NaOH
 S = H₂SO₄ O = Other

- J value reporting needed
- Must meet lowest detection limits possible for 8260 compounds
- 8021 MTBE Confirmation
 - Confirm highest hit by 8260
 - Confirm all hits by 8260
 - Run ___ oxy's on highest hit
 - Run ___ oxy's on all hits

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + N	TPH 8015 MOD	TPH 8015 MOD DRO	8260 full scan	Oxygenates	Lead 7420	7421
MW-14-S-9	SOIL		9.0	07-04-11	10:05		X		1	X	X	X				
MW-14-S-14.5			14.5		10:10		X		1	X	X	X				
MW-14-S-19.5			19.5		10:15		X		1	X	X	X				
MW-14-S-24.5			24.5		10:22		X		1	X	X	X				
MW-14-S-29.5			29.5		10:28		X		1	X	X	X				
MW-14-S-34.5			34.5		10:32		X		1	X	X	X				
MW-14-S-39.6			39.5		10:52		X		1	X	X	X				
MW-14-S-44.6			44.5		10:17		X		1	X	X	X				
MW-14-S-49.5			49.5		11:23		X		1	X	X	X				
MW-14-S-54.5			54.5		11:37		X		1	X	X	X				
MW-14-S-59.5			59.5		11:50		X		1	X	X	X				

Comments / Remarks
 please email to:
 cevas@ccrworld.com
 jlwilliams@ccrworld.com
 ihull@ccrworld.com
 dohare@ccrworld.com

Turnaround Time Requested (TAT) (please circle)

STD. TAT 72 hour 48 hour
 24 hour 4 day 5 day

Data Package Options (please circle if required)

QC Summary Type I - Full
 Type VI (Raw Data) Coelt Deliverable not needed
 WIP (RWQCB)
 Disk

Relinquished by: <u>IAN HULL</u>	Date: <u>07-04-11</u>	Time: <u>16:15</u>	Received by: <u>[Signature]</u>	Date: <u>4/11/07</u>	Time: <u>1615</u>
Relinquished by: <u>[Signature]</u>	Date: <u>4/14/07</u>	Time: <u>1530</u>	Received by: <u>[Signature]</u>	Date: <u>4/26/07</u>	Time:
Relinquished by: <u>[Signature]</u>	Date:	Time:	Received by:	Date:	Time:
Relinquished by Commercial Carrier: UPS FedEx <u>Other</u> <u>DHL</u>	Temperature Upon Receipt: <u>13-34°C</u> <u>9000cc Ranges</u>		Received by: <u>[Signature]</u>	Date: <u>4/14/07</u>	Time: <u>1400</u>
Custody Seals Intact?			<u>Yes</u>	No	

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 <u>limit of quantitation</u> , 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 quantitated 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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ATTACHMENT E

Groundwater Analytic Data

REGISTERED COMPANY
ISO 9001
ENGINEERING DESIGN



Analysis Report

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ANALYTICAL RESULTS

Prepared for:

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 1034918. Samples arrived at the laboratory on Tuesday, April 24, 2007. The PO# for this group is 0015014975 and the release number is SINHA.

<u>Client Description</u>			<u>Lancaster Labs Number</u>
QA-T-070420	NA	Water	5035769
MW-9-W-070420	Grab	Water	5035770
MW-10-W-070420	Grab	Water	5035771
MW-11-W-070420	Grab	Water	5035772
MW-12-W-070420	Grab	Water	5035773
MW-13-W-070420	Grab	Water	5035774
MW-14-W-070420	Grab	Water	5035775
MW-15-W-070420	Grab	Water	5035776
MW-16-W-070420	Grab	Water	5035777
MW-17-W-070420	Grab	Water	5035778

ELECTRONIC Cambria c/o Gettler-Ryan
COPY TO

Attn: Cheryl Hansen



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2661 • www.lancasterlabs.com

Questions? Contact your Client Services Representative
Angela M Miller at (717) 656-2300

Respectfully Submitted,

A handwritten signature in cursive script that reads "Susan M. Goshert".

Susan M. Goshert
Group Leader



Analysis Report

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

Page 1 of 1

Lancaster Laboratories Sample No. WW 5035769

QA-T-070420 NA Water
Facility# 206145 Job# 386492 GRD
800 Center Street-Oakland T0600102230 QA
Collected: 04/20/2007

Account Number: 10904

Submitted: 04/24/2007 10:05
Reported: 05/04/2007 at 10:40
Discard: 06/04/2007

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

OAKQA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Method Detection Limit		
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05879	BTEX					
02161	Benzene	71-43-2	N.D.	0.5	ug/l	1
02164	Toluene	108-88-3	N.D.	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	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	Analyst	Dilution Factor
				Date and Time		
01729	TPH-GRO - Waters	TPH GRO SW-846 8015B mod	1	04/25/2007 09:29	Linda C Pape	1
05879	BTEX	SW-846 8021B	1	04/25/2007 09:29	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/25/2007 09:29	Linda C Pape	1

Lancaster Laboratories Sample No. WW 5035770
MW-9-W-070420 **Grab** **Water**
Facility# 206145 Job# 386492 **GRD**
800 Center Street-Oakland T0600102230 MW-9
 Collected: 04/20/2007 13:05 by HK

Account Number: 10904

 Submitted: 04/24/2007 10:05
 Reported: 05/04/2007 at 10:40
 Discard: 06/04/2007

 Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

OAK-9

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
06610	TPH-DRO (Water) w/Si Gel	n.a.	1,100.		290.	ug/l	10
01729	TPH-GRO - Waters						
01730	TPH-GRO - Waters	n.a.	4,100.		50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
05879	BTEX						
02161	Benzene	71-43-2	28.		0.5	ug/l	1
02164	Toluene	108-88-3	6.9		0.5	ug/l	1
02166	Ethylbenzene	100-41-4	9.2		0.5	ug/l	1
02171	Total Xylenes	1330-20-7	240.		1.5	ug/l	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		Analyst	Dilution Factor
				Date	Time		
06610	TPH-DRO (Water) w/Si Gel	SW-846 8015B	1	05/03/2007	06:15	Heather E Williams	10
01729	TPH-GRO - Waters	TPH GRO SW-846 8015B mod	1	04/25/2007	13:48	Linda C Pape	1
05879	BTEX	SW-846 8021B	1	04/25/2007	13:48	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/25/2007	13:48	Linda C Pape	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	04/26/2007	11:00	Mariam G Attalla	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5035771

MW-10-W-070420 Grab Water
 Facility# 206145 Job# 386492 GRD
 800 Center Street-Oakland T0600102230 MW-10
 Collected: 04/20/2007 11:40 by HK

Account Number: 10904

Submitted: 04/24/2007 10:05
 Reported: 05/04/2007 at 10:40
 Discard: 06/04/2007

Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

OAK10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Method		
06610	TPH-DRO (Water) w/Si Gel	n.a.	260.	Detection Limit 50.	ug/l	1
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	1,200.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05879	BTEX					
02161	Benzene	71-43-2	29.	0.5	ug/l	1
02164	Toluene	108-88-3	31.	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	11.	0.5	ug/l	1
02171	Total Xylenes	1330-20-7	140.	1.5	ug/l	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	Analyst	Dilution Factor
				Date and Time		
06610	TPH-DRO (Water) w/Si Gel	SW-846 8015B	1	04/27/2007 07:36	Heather E Williams	1
01729	TPH-GRO - Waters	TPH GRO SW-846 8015B mod	1	04/25/2007 14:09	Linda C Pape	1
05879	BTEX	SW-846 8021B	1	04/25/2007 14:09	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/25/2007 14:09	Linda C Pape	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	04/26/2007 11:00	Mariam G Attalla	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5035772

MW-11-W-070420 Grab Water
 Facility# 206145 Job# 386492 GRD
 800 Center Street-Oakland T0600102230 MW-11
 Collected: 04/20/2007 08:55 by HK Account Number: 10904

Submitted: 04/24/2007 10:05
 Reported: 05/04/2007 at 10:40
 Discard: 06/04/2007
 Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

OAK11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06610	TPH-DRO (Water) w/Si Gel	n.a.	350.	50.	ug/l	1
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	77.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05879	BTEX					
02161	Benzene	71-43-2	N.D.	2.0	ug/l	1
02164	Toluene	108-88-3	4.6	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
02171	Total Xylenes	1330-20-7	3.2	1.5	ug/l	1
	Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for benzene. The presence or concentration of this compound cannot be determined due to the presence of this interferent.					

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	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
06610	TPH-DRO (Water) w/Si Gel	SW-846 8015B	1	04/27/2007 07:58	Heather E Williams	1
01729	TPH-GRO - Waters	TPH GRO SW-846 8015B mod	1	04/25/2007 19:04	Linda C Pape	1
05879	BTEX	SW-846 8021B	1	04/25/2007 19:04	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/25/2007 19:04	Linda C Pape	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	04/26/2007 11:00	Mariam G Attalla	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5035773

MW-12-W-070420 Grab Water
 Facility# 206145 Job# 386492 GRD
 800 Center Street-Oakland T0600102230 MW-12
 Collected: 04/20/2007 10:05 by HK

Account Number: 10904

Submitted: 04/24/2007 10:05
 Reported: 05/04/2007 at 10:40
 Discard: 06/04/2007

Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

OAK12

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Method		
06610	TPH-DRO (Water) w/Si Gel	n.a.	430.	Detection Limit 50.	ug/l	1
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	400.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05879	BTEX					
02161	Benzene	71-43-2	2.3	0.5	ug/l	1
02164	Toluene	108-88-3	40.	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	14.	0.5	ug/l	1
02171	Total Xylenes	1330-20-7	49.	1.5	ug/l	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	Analyst	Dilution Factor
				Date and Time		
06610	TPH-DRO (Water) w/Si Gel	SW-846 8015B	1	04/27/2007 08:21	Heather E Williams	1
01729	TPH-GRO - Waters	TPH GRO SW-846 8015B mod	1	04/25/2007 14:51	Linda C Pape	1
05879	BTEX	SW-846 8021B	1	04/25/2007 14:51	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/25/2007 14:51	Linda C Pape	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	04/26/2007 11:00	Mariam G Attalla	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5035774

MW-13-W-070420 Grab Water
 Facility# 206145 Job# 386492 GRD
 800 Center Street-Oakland T0600102230 MW-13
 Collected: 04/20/2007 08:55 by HK

Account Number: 10904

Submitted: 04/24/2007 10:05
 Reported: 05/04/2007 at 10:40
 Discard: 06/04/2007

Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

OAK13

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
06610	TPH-DRO (Water) w/Si Gel	n.a.	140.		50.	ug/l	1
01729	TPH-GRO - Waters						
01730	TPH-GRO - Waters	n.a.	650.		50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
05879	BTEX						
02161	Benzene	71-43-2	16.		0.5	ug/l	1
02164	Toluene	108-88-3	23.		0.5	ug/l	1
02166	Ethylbenzene	100-41-4	7.5		0.5	ug/l	1
02171	Total Xylenes	1330-20-7	61.		1.5	ug/l	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		Analyst	Dilution Factor
				Date	Time		
06610	TPH-DRO (Water) w/Si Gel	SW-846 8015B	1	04/27/2007	08:44	Heather E Williams	1
01729	TPH-GRO - Waters	TPH GRO SW-846 8015B mod	1	04/25/2007	15:12	Linda C Pape	1
05879	BTEX	SW-846 8021B	1	04/25/2007	15:12	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/25/2007	15:12	Linda C Pape	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	04/26/2007	11:00	Mariam G Attalla	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5035775

MW-14-W-070420 Grab Water
 Facility# 206145 Job# 386492 GRD
 800 Center Street-Oakland T0600102230 MW-14
 Collected: 04/20/2007 10:10 by HK

Account Number: 10904

Submitted: 04/24/2007 10:05
 Reported: 05/04/2007 at 10:40
 Discard: 06/04/2007

Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

OAK14

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
06610	TPH-DRO (Water) w/Si Gel	n.a.	2,000.		300.	ug/l	10
01729	TPH-GRO - Waters						
01730	TPH-GRO - Waters	n.a.	16,000.		500.	ug/l	10
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
05879	BTEX						
02161	Benzene	71-43-2	550.		5.0	ug/l	10
02164	Toluene	108-88-3	1,600.		5.0	ug/l	10
02166	Ethylbenzene	100-41-4	620.		5.0	ug/l	10
02171	Total Xylenes	1330-20-7	2,400.		15.	ug/l	10

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		Analyst	Dilution Factor
				Date and Time			
06610	TPH-DRO (Water) w/Si Gel	SW-846 8015B	1	05/03/2007 18:14		Heather E Williams	10
01729	TPH-GRO - Waters	TPH GRO SW-846 8015B mod	1	04/25/2007 19:25		Linda C Pape	10
05879	BTEX	SW-846 8021B	1	04/25/2007 19:25		Linda C Pape	10
01146	GC VOA Water Prep	SW-846 5030B	1	04/25/2007 19:25		Linda C Pape	10
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	04/26/2007 11:00		Mariam G Attalla	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5035776

MW-15-W-070420 Grab Water
 Facility# 206145 Job# 386492 GRD
 800 Center Street-Oakland T0600102230 MW-15
 Collected: 04/20/2007 13:20 by HK

Account Number: 10904

Submitted: 04/24/2007 10:05
 Reported: 05/04/2007 at 10:40
 Discard: 06/04/2007

Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

OAK15

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06610	TPH-DRO (Water) w/Si Gel	n.a.	720.	50.	ug/l	1
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	240.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05879	BTEX					
02161	Benzene	71-43-2	1.0	0.5	ug/l	1
02164	Toluene	108-88-3	1.3	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
02171	Total Xylenes	1330-20-7	20.	1.5	ug/l	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
06610	TPH-DRO (Water) w/Si Gel	SW-846 8015B	1	04/27/2007 10:36	Heather E Williams	1
01729	TPH-GRO - Waters	TPH GRO SW-846 8015B mod	1	04/25/2007 10:37	Linda C Pape	1
05879	BTEX	SW-846 8021B	1	04/25/2007 10:37	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/25/2007 10:37	Linda C Pape	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	04/26/2007 11:00	Mariam G Attalla	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5035777

MW-16-W-070420 Grab Water
 Facility# 206145 Job# 386492 GRD
 800 Center Street-Oakland T0600102230 MW-16
 Collected: 04/20/2007 14:30 by HK

Account Number: 10904

Submitted: 04/24/2007 10:05
 Reported: 05/04/2007 at 10:40
 Discard: 06/04/2007

Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

OAK16

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06610	TPH-DRO (Water) w/Si Gel	n.a.	2,200.	300.	ug/l	10
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	15,000.	250.	ug/l	5
<p>The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 7.</p>						
05879	BTEX					
02161	Benzene	71-43-2	87.	2.5	ug/l	5
02164	Toluene	108-88-3	1,200.	2.5	ug/l	5
02166	Ethylbenzene	100-41-4	500.	2.5	ug/l	5
02171	Total Xylenes	1330-20-7	2,000.	7.5	ug/l	5
<p>The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 7.</p>						

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	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
06610	TPH-DRO (Water) w/Si Gel	SW-846 8015B	1	05/03/2007 18:36	Heather E Williams	10
01729	TPH-GRO - Waters	TPH GRO SW-846 8015B mod	1	04/25/2007 19:46	Linda C Pape	5
05879	BTEX	SW-846 8021B	1	04/25/2007 19:46	Linda C Pape	5
01146	GC VOA Water Prep	SW-846 5030B	1	04/25/2007 19:46	Linda C Pape	5



Analysis Report

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Lancaster Laboratories Sample No. WW 5035777

MW-16-W-070420 Grab Water
Facility# 206145 Job# 386492 GRD
800 Center Street-Oakland T0600102230 MW-16
Collected: 04/20/2007 14:30 by HK

Account Number: 10904

Submitted: 04/24/2007 10:05
Reported: 05/04/2007 at 10:40
Discard: 06/04/2007

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

OAK16
02376 Extraction - Fuel/TPH SW-846 3510C 1 04/26/2007 11:00 Mariam G Attalla 1
 (Waters)



Analysis Report

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Lancaster Laboratories Sample No. WW 5035778

MW-17-W-070420 Grab Water
 Facility# 206145 Job# 386492 GRD
 800 Center Street-Oakland T0600102230 MW-17
 Collected: 04/20/2007 12:25 by HK

Account Number: 10904

Submitted: 04/24/2007 10:05
 Reported: 05/04/2007 at 10:41
 Discard: 06/04/2007

Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

OAK17

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
06610	TPH-DRO (Water) w/Si Gel	n.a.	1,300.		150.	ug/l	5
01729	TPH-GRO - Waters						
01730	TPH-GRO - Waters The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.	n.a.	7,400.		250.	ug/l	5
05879	BTEX						
02161	Benzene	71-43-2	66.		2.5	ug/l	5
02164	Toluene	108-88-3	880.		2.5	ug/l	5
02166	Ethylbenzene	100-41-4	300.		2.5	ug/l	5
02171	Total Xylenes	1330-20-7	1,300.		7.5	ug/l	5

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		Analyst	Dilution Factor
				Date	Time		
06610	TPH-DRO (Water) w/Si Gel	SW-846 8015B	1	05/03/2007	07:22	Heather E Williams	5
01729	TPH-GRO - Waters	TPH GRO SW-846 8015B mod	1	04/25/2007	20:07	Linda C Pape	5
05879	BTEX	SW-846 8021B	1	04/25/2007	20:07	Linda C Pape	5
01146	GC VOA Water Prep	SW-846 5030B	1	04/25/2007	20:07	Linda C Pape	5
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	04/26/2007	11:00	Mariam G Attalla	1

Quality Control Summary

Client Name: Chevron
Reported: 05/04/07 at 10:41 AM

Group Number: 1034918

Surrogate Quality Control

Blank 97
LCS 120
LCSD 119

Limits: 59-131

Analysis Name: BTEX
Batch number: 07115A54A

	Trifluorotoluene-F	Trifluorotoluene-P
5035769	91	86
5035770	113	92
5035771	93	85
5035772	89	86
5035773	93	85
5035774	92	85
5035775	94	87
5035776	90	83
5035777	166*	116
5035778	88	84
Blank	90	86
LCS	101	86
LCSD	101	86
MS	96	86
MSD	94	86

Limits: 63-135

69-129

*- Outside of specification

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

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 <u>limit of quantitation</u> , 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	Inorganic Qualifiers
A TIC is a possible aldol-condensation product	B Value is <CRDL, but ≥IDL
B Analyte was also detected in the blank	E Estimated due to interference
C Pesticide result confirmed by GC/MS	M Duplicate injection precision not met
D Compound quantitated on a diluted sample	N Spike amount not within control limits
E Concentration exceeds the calibration range of the instrument	S Method of standard additions (MSA) used for calculation
J Estimated value	U Compound was not detected
N Presumptive evidence of a compound (TICs only)	W Post digestion spike out of control limits
P Concentration difference between primary and confirmation columns >25%	* Duplicate analysis not within control limits
U Compound was not detected	+ Correlation coefficient for MSA <0.995
X,Y,Z Defined in case narrative	

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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