Alexis Fischer
Project Manager
Marketing Business Unit

Chevron Environmental Management Company
6101 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 790-6441
AFischer@Chevron.com

May 15, 2012

Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Chevron Facility # 90504

Address: 15900 Hesperian Boulevard, San Lorenzo, California

I have reviewed the attached report titled *2012 Annual Groundwater Monitoring Report* and dated May 15, 2012.

I agree with the conclusions and recommendations presented in the referenced report. The information in this report is accurate to the best of my knowledge and all local Agency/Regional Board guidelines have been followed. This report was prepared by Conestoga-Rovers & Associates, upon whose assistance and advice I have relied.

This letter is submitted pursuant to the requirements of California Water Code Section 13267(b)(1) and the regulating implementation entitled Appendix A pertaining thereto.

I declare under penalty of perjury that the foregoing is true and correct.

Sincerely,

Alexis Fischer
Project Manager

Enclosure: Report

CONESTOGA-ROVERS & ASSOCIATES

10969 Trade Center Drive
Rancho Cordova, California 95670
Telephone: (916) 889-8900 Fax: (916) 889-8999
http://www.craworld.com

May 15, 2012 Reference No. 611641

Mr. Mark Detterman, P.G., C.E.G.
Alameda County Environmental Health (ACEH)
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: 2012 Annual Groundwater Monitoring Report
Chevron Service Station 90504
15900 Hesperian Boulevard
San Lorenzo, California
Case No. RO0000007

Dear Mr. Detterman:

Conestoga-Rovers & Associates (CRA) has prepared this *2012 Annual Groundwater Monitoring Report* (report) for the site referenced above (Figure 1) on behalf of Chevron Environmental Management Company (Chevron). The report presents the results of the gauging and sampling of the site wells (C-1 through C-11) during first quarter 2012. In a letter dated February 21, 2012 (Attachment A), ACEH requested that all the site wells be sampled (Technical Comment No. 2), including C-4, C-5, and C-6 which had not been sampled since 1997, and C-9, C-10, and C-11 which had not been sampled since 2005. In Technical Comment No. 1 of the letter, ACEH also requested that all the samples be analyzed for total petroleum hydrocarbons as diesel (TPHd), and the sample from C-4 located adjacent to the former used-oil underground storage tank (UST) be analyzed for TPH as motor oil (TPHmo). If TPHmo was detected in C-4, the remaining samples were to be analyzed.

Groundwater monitoring and sampling was performed by Gettler-Ryan Inc. (G-R) of Dublin, California. Wells C-4 through C-6 and C-9 through C-11 were redeveloped several days prior to sampling. A copy of G-R's April 17, 2012 *Groundwater Monitoring and Sampling Report* is included as Attachment B. Current and historical groundwater monitoring data are presented in Tables 1 and 2 of Attachment B. The attached Figure 2 (Concentration Map) presents the TPH as gasoline (TPHg), benzene, and methyl tertiary butyl ether (MTBE) analytical results along with a rose diagram. The monitoring results from the current event are discussed below.

2012 ANNUAL GROUNDWATER MONITORING RESULTS

The analytical results of the current sampling event are presented below in Table A:

TABLE A: GROUNDWATER ANALYTICAL DATA – 3/23/12

Well ID	*TPHmo (µg/L)*	*TPHd (µg/L)*	*TPHg (µg/L)*	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Total Xylenes (µg/L)*	*MTBE (µg/L)*
C-1	NA	230/73*	<50	<0.5	1	<0.5	<0.5	0.6
C-2	Not sampled due to presence of LNAPL							
C-3	NA	<50/<50*	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-4	<39/<39*	<50/<50*	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-5	NA	<50/<50*	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-6	NA	<50/<50*	<50	<0.5	1	<0.5	<0.5	<0.5
C-7	NA	<50/<50*	<50	<3	<3	<3	<3	<3
C-8	NA	2,900/2,000*	8,900	0.8	5	33	0.5	<0.5
C-9	NA	<50/<50*	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-10	NA	<50/<50*	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-11	NA	110/<50*	<50	<0.5	<0.5	<0.5	<0.5	<0.5

µg/L micrograms per Liter
NA Not analyzed
< Indicates constituent was not detected at or above stated laboratory reporting limit
* Analysis following silica gel cleanup (10g mass column; capric acid used as reverse surrogate)
LNAPL Light non-aqueous phase liquid

With the exception of C-2 (discussed later), petroleum hydrocarbon concentrations in the wells were similar to or less than those observed during the previous event. TPHg and benzene were only detected in offsite well C-8, and the concentrations have remained relatively stable over the past several years. TPHg and benzene have not been detected in the remaining wells for at least several years. Toluene, ethylbenzene, and xylenes generally were not detected in the wells with the exception of low concentrations in C-1, C-6, and C-8. MTBE was only detected in C-1; concentrations in this well continue to steadily decrease and only a low concentration remains. MTBE has not been detected in the remaining wells since at least 2004.

As requested, all the samples were analyzed for TPHd. However, weathered diesel and natural organic matter are known to generate false positive results for diesel in the TPHd range due to polar interference, and weathered gasoline can also be reported as TPHd due to the overlap in carbon range reported for TPHg and TPHd. To further evaluate any reported TPHd, the samples were analyzed for TPHd both with and without the use of a silica gel cleanup prior to

analysis. A stringent silica gel cleanup procedure (10 gram mass column cleanup with a capric acid reverse surrogate) was used as it has been shown to be more effective in removing polar non-hydrocarbon interferences. As shown in Table A above, low concentrations of TPHd were detected in C-1 and C-11 without the silica gel cleanup; however, following the silica gel cleanup a lower concentration was detected in C-1 and TPHd was not detected in C-11, indicating there is some outside interference. TPHd was detected in C-8 at 2,900 micrograms per liter (µg/L) without the silica gel cleanup and 2,000 µg/L following the silica gel cleanup, indicating some outside interference but also the presence of residual petroleum hydrocarbons. The reported TPHd in C-8 likely represents the heavier portion of weathered gasoline that falls within the low-end of the carbon range reported as TPHd by the laboratory. TPHmo was not detected in C-4; thus the other samples were not analyzed.

Well C-2 was not sampled due to the presence of LNAPL (measured thickness of 0.3 feet). A follow-up site visit on May 3, 2012 confirmed the presence of LNAPL in this well (same thickness). This well is located just downgradient of the existing USTs, but generally has not contained petroleum hydrocarbons for the last several years. LNAPL was historically present in this well, but was last observed in 1991 and hand-bailing was performed followed by operation of a groundwater extraction (GWE) system. Although the depth to water in C-2 during the current event was the highest since 1996, LNAPL was not observed during previous events with similar depths to water, and the detected concentrations were not indicative of LNAPL. The LNAPL detection may indicate a release from the existing UST system.

CONCLUSIONS AND RECOMMENDATIONS

Based on the analytical results, impacted groundwater (primarily TPHg) remains downgradient of the site in the vicinity of well C-8 in Hesperian Boulevard. The TPHg concentrations in this well have remained relatively stable over the last several years; the benzene concentrations have also remained stable and low. MTBE has not been detected in C-8 since 2001. An elevated concentration of TPHd was also reported in C-8 during the current event; however, as stated above, likely reflects the heavier end of the weathered gasoline present in this well being reported in the carbon range for TPHd. Continued analysis for TPHd in C-8 appears warranted, but not in the other wells. Only low concentrations of select constituents remain in onsite well C-1, and petroleum hydrocarbons have not been detected in onsite well C-3 since 2000. Petroleum hydrocarbons generally have not been detected in offsite well C-7 since 2008.

With the exception of a low concentration of toluene in C-6, petroleum hydrocarbons were not detected in perimeter wells C-4 through C-6 (last sampled in 1997) and C-9 through C-11 (last sampled in 2005), confirming the previous results. Therefore, the plume remains adequately defined and we recommend no further sampling of these wells. Based on the TPHmo results in C-4, the former used-oil UST does not appear to have impacted groundwater and we recommend no further analysis for waste oil constituents. As petroleum hydrocarbons have not been detected since 2000, no further sampling of C-3 also appears warranted.

LNAPL was observed in C-2 for the first time since 1991 and may indicate a release from the existing UST system. As the site is an active Chevron station, the detection has been reported to Chevron Products Company who is investigating further.

CONESTOGA-ROVERS & ASSOCIATES

We appreciate your assistance on this project and look forward to your reply. Please contact James Kiernan at (916) 889-8917 if you have any questions or require additional information.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

James P. Kiernan, P.E.

JK/aa/7
Encl.

Figure 1	Vicinity Map
Figure 2	Concentration Map – March 23, 2012
Attachment A	ACEH Letter Dated February 21, 2012
Attachment B	Groundwater Monitoring and Sampling Report

cc: Ms. Alexis Fischer, Chevron *(electronic copy)*
Mr. Scott Bohannon, Bohannon Organization
Ms. Carolyn Ruth, Public Storage *(electronic copy)*

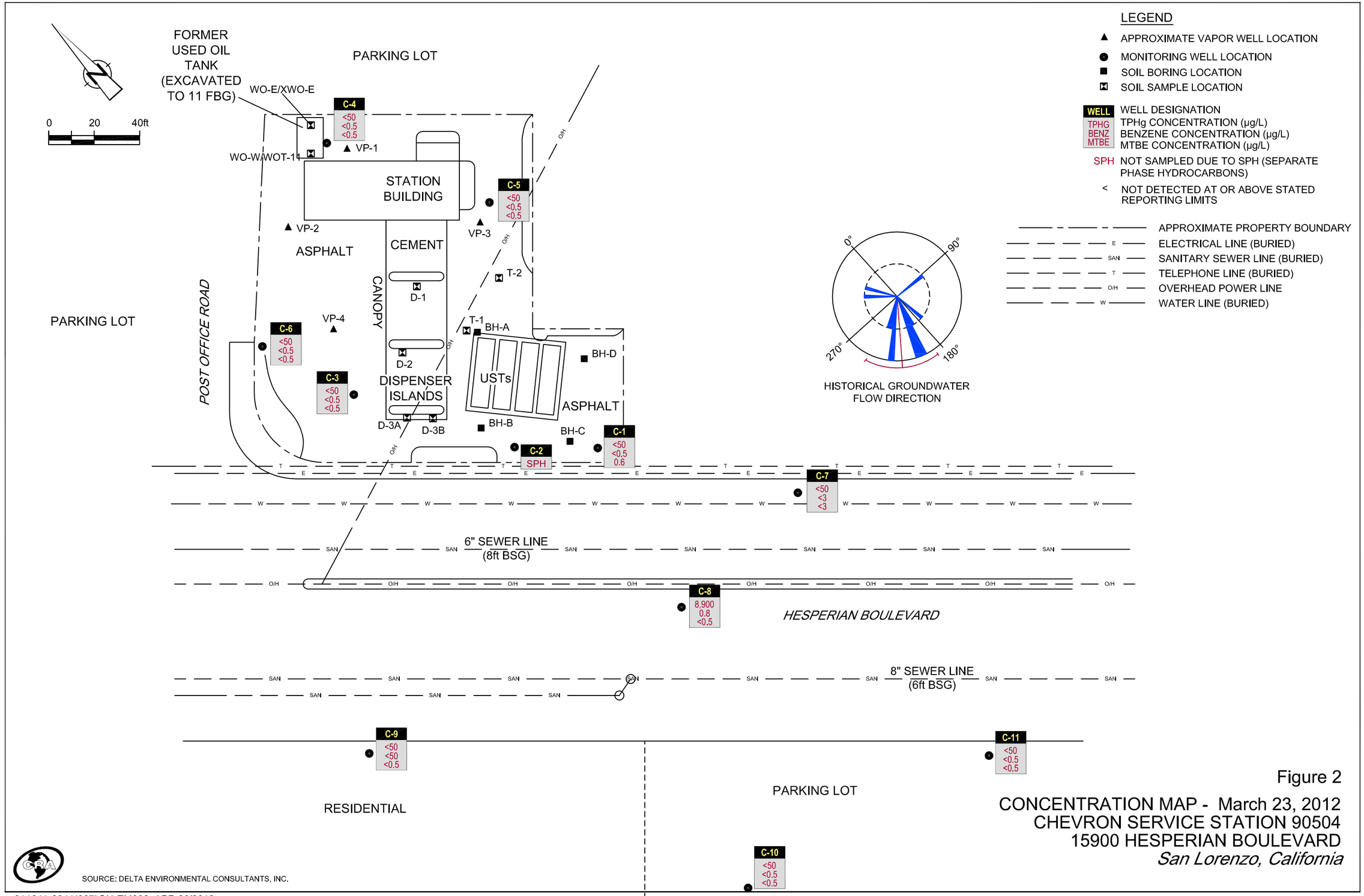
FIGURES

SOURCE: TOPO! MAPS.

Figure 1

VICINITY MAP
CHEVRON SERVICE STATION 90504
15900 HESPERIAN BOULEVARD
San Lorenzo, California

611641-2011(007)GN-EM001 APR 26/2012



SOURCE: DELTA ENVIRONMENTAL CONSULTANTS, INC.

611641-2011(007)GN-EM002 APR 26/2012

Figure 2

CONCENTRATION MAP - March 23, 2012
CHEVRON SERVICE STATION 90504
15900 HESPERIAN BOULEVARD
San Lorenzo, California

ATTACHMENT A

ACEH LETTER DATED FEBRUARY 21, 2012

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Agency Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

February 21, 2012

Ms, Olivia Skance
Chevron Environmental Management
6001 Bollinger Canyon Road
PO Box 6012
San Ramon, CA 94583-2324
(sent via electronic mail to:
Olivia.Skance@chevron.com)

Mr. Scott Bohannon
Bohannon Organization
60 31st Avenue
San Mateo, CA 94403

Mr. Bob Webster
Bohannon Organization
60 31st Avenue
San Mateo, CA 94403

Subject: Request for Additional Groundwater Analysis; Fuel Leak Case No. RO0000007 (Global ID # T0600100302), Chevron #9-0504, 15900 Hesperian Blvd., San Lorenzo, CA 94580

Dear Ms. Skance, and Messrs. Bohannon and Webster:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above-referenced site, including the *Soil Vapor Quality Evaluation and Second Request for Case Closure,* dated August 10, 2010, and the *2011 Annual Groundwater Monitoring and Sampling Report,* dated May 6, 2011, both prepared by Conestoga-Rovers & Associates (CRA) of Rancho Cordova, California.

Review of the case file indicates that both TPHd and TPHmo have been detected in soil previously at the site; however, these analytes have not been previously included in the groundwater analytical program at the site. Stockpile characterization for removal and replacement of the product pipelines and pumps conducted in January 1994 detected TPHd concentrations up to 580 mg/kg (*Soil Sampling and Disposal,* Weiss Associates, March 30, 1994), and stockpile characterization for disposal of the waste oil stockpile conducted in March 1994 detected up to 1,100 mg/kg TOG and 240 mg/kg TPHd *(Underground Storage Tank Removal Report,* Touchstone Developments, April 14, 1994). Based on these factors and as further discussed in the technical comments below, this fuel leak case cannot be closed at this time.

This decision is subject to appeal to the State Water Resources Control Board (SWRCB), pursuant to Section 25299.39(b) of the Health and Safety Code (Thompson-Richter Underground Storage Tank Reform Act - Senate Bill 562). Please contact Mr. George Lockwood in the SWRCB Underground Storage Tank Program at (916) 341-5752 or GLockwood@waterboards.ca.gov for information regarding the appeal process.

Based on the review of the case file ACEH requests that you address the following technical comments and send us the documents requested below.

TECHNICAL COMMENTS

1. **Request for Additional Groundwater Analysis** – As noted above, both TPHd and TPHmo have been detected in soil previously at the site, yet these analytes have not been previously included in the groundwater analytical program at the site. As a consequence, ACEH requests the inclusion of these analytes in the upcoming annual groundwater monitoring effort at the site. ACEH requests that analysis for TPHd be conducted at all wells associated with the site. Conversely, ACEH requests that sample volume be collected for TPHmo from all wells, but that analysis for TPHmo be conducted, at least initially, in well C-4 which is in close proximity to the former waste oil USTs. Should TPHmo be detected in C-4, groundwater from all remaining wells should be analyzed for TPHmo, within holding time limitations. ACEH requests the results be

reported in the next regularly scheduled groundwater monitoring report, and by the date identified below.

2. **Request for Resampling of All Site Wells** – ACEH additionally requests that all wells associated with the site be resampled for all analytes (less TPHmo, at least initially) during the next regularly scheduled groundwater monitoring effort. This should include downgradient wells C-9 to C-11 as these wells have not been sampled since September 2005. Due to the length of time since these wells have been sampled, the wells should be evaluated for the need for redevelopment.

3. **Geotracker Well Survey Compliance** – A review of the case file and the State's Geotracker database indicates that the site is not in compliance with previous directive letters. Compliance is a State requirement. . Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites was required in GeoTracker. At present missing data include (but may not be limited to) all bore logs, regardless of date of installation.

4. **Request for Email Addresses** – If your email address is not listed on the first page of this letter, or in the list of cc's listed below, ACEH requests your email address to help expedite communications and to help lower overall costs. Because this is largely a paperless office, please provide that information in your next electronic submittal.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Mark Detterman), according to the following schedule:

- **May 18, 2012** – 2012 Annual Groundwater Monitoring Report and Geotracker Compliance

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

If you have any questions, please call me at (510) 567-6876 or send me an electronic mail message at mark.detterman@acgov.org.

Sincerely,

Digitally signed by Mark E. Detterman
DN: cn=Mark E. Detterman, o, ou, email, c=US
Date: 2012.02.21 15:10:05 -08'00'

Mark E. Detterman, PG, CEG
Senior Hazardous Materials Specialist

Enclosures: Attachment 1 – Responsible Party (ies) Legal Requirements / Obligations
Electronic Report Upload (ftp) Instructions

cc: James Kiernan, 10969 Trade Center Drive, Suite 106, Rancho Cordova, CA 95670
(sent via electronic mail to jkiernan@craworld.com)

Donna Drogos, (sent via electronic mail to donna.drogos@acgov.org)
Mark Detterman (sent via electronic mail to mark.detterman@acgov.org)
Electronic File, GeoTracker

Attachment 1

Responsible Party(ies) Legal Requirements/Obligations

REPORT REQUESTS

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." 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. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all 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 monitoring wells, and other data to the GeoTracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in GeoTracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.waterboards.ca.gov/water_issues/programs/ust/electronic_submittal/).

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 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.

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	**REVISION DATE:** July 20, 2010
	ISSUE DATE: July 5, 2005
	PREVIOUS REVISIONS: October 31, 2005; December 16, 2005; March 27, 2009; July 8, 2010
SECTION: Miscellaneous Administrative Topics & Procedures	**SUBJECT:** Electronic Report Upload (ftp) Instructions

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.

REQUIREMENTS

- **Please do not submit reports as attachments to electronic mail.**
- Entire report including cover letter must be submitted to the ftp site as **a single portable document format (PDF) with no password protection**.
- It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- **Signature pages and perjury statements must be included and have either original or electronic signature.**
- **Do not password protect the document**. Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted**.
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:

  RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Submission Instructions

1) Obtain User Name and Password
   a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
      i) Send an e-mail to deh.loptoxic@acgov.org
   b) In the subject line of your request, be sure to include **"ftp PASSWORD REQUEST"** and in the body of your request, include the **Contact Information, Site Addresses**, and the **Case Numbers (RO# available in Geotracker) you will be posting for**.

2) Upload Files to the ftp Site
   a) Using Internet Explorer (IE4+), go to ftp://alcoftp1.acgov.org
      (i) Note: Netscape, Safari, and Firefox browsers will not open the FTP site as they are NOT being supported at this time.
   b) Click on Page located on the Command bar on upper right side of window, and then scroll down to Open FTP Site in Windows Explorer.
   c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
   d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
   e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.

3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
   a) Send email to deh.loptoxic@acgov.org notify us that you have placed a report on our ftp site.
   b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name @acgov.org. (e.g., firstname.lastname@acgov.org)
   c) The subject line of the e-mail must start with the RO# followed by **Report Upload**. (e.g., Subject: RO1234 Report Upload) If site is a new case without an RO#, use the street address instead.
   d) If your document meets the above requirements and you follow the submission instructions, you will receive a notification by email indicating that your document was successfully uploaded to the ftp site.

ATTACHMENT B

GROUNDWATER MONITORING AND SAMPLING REPORT

GETTLER-RYAN INC.

April 17, 2012
G-R Job #385259

Mr. Rob Speer
RSGMS/CEMC
4800 Fournace Pl. #526A
Ballarie, TX 77401

RE: Well Development of March 20, 2012
Annual Event of March 23, 2012
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-0504
15900 Hesperian Boulevard
San Lorenzo, California

Dear Mr. Speer:

This report documents the most recent well development and groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).

Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Static water level data, groundwater elevations, and separate-phase hydrocarbon thickness (if any) are presented in the attached Table 1. A Potentiometric Map is included as Figure 1.

Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. The chain of custody document and laboratory analytical report are also attached. All groundwater and decontamination water generated during sampling activities was removed from the site, per the Standard Operating Procedure.

Please call if you have any questions or comments regarding this report. Thank you.

Sincerely,

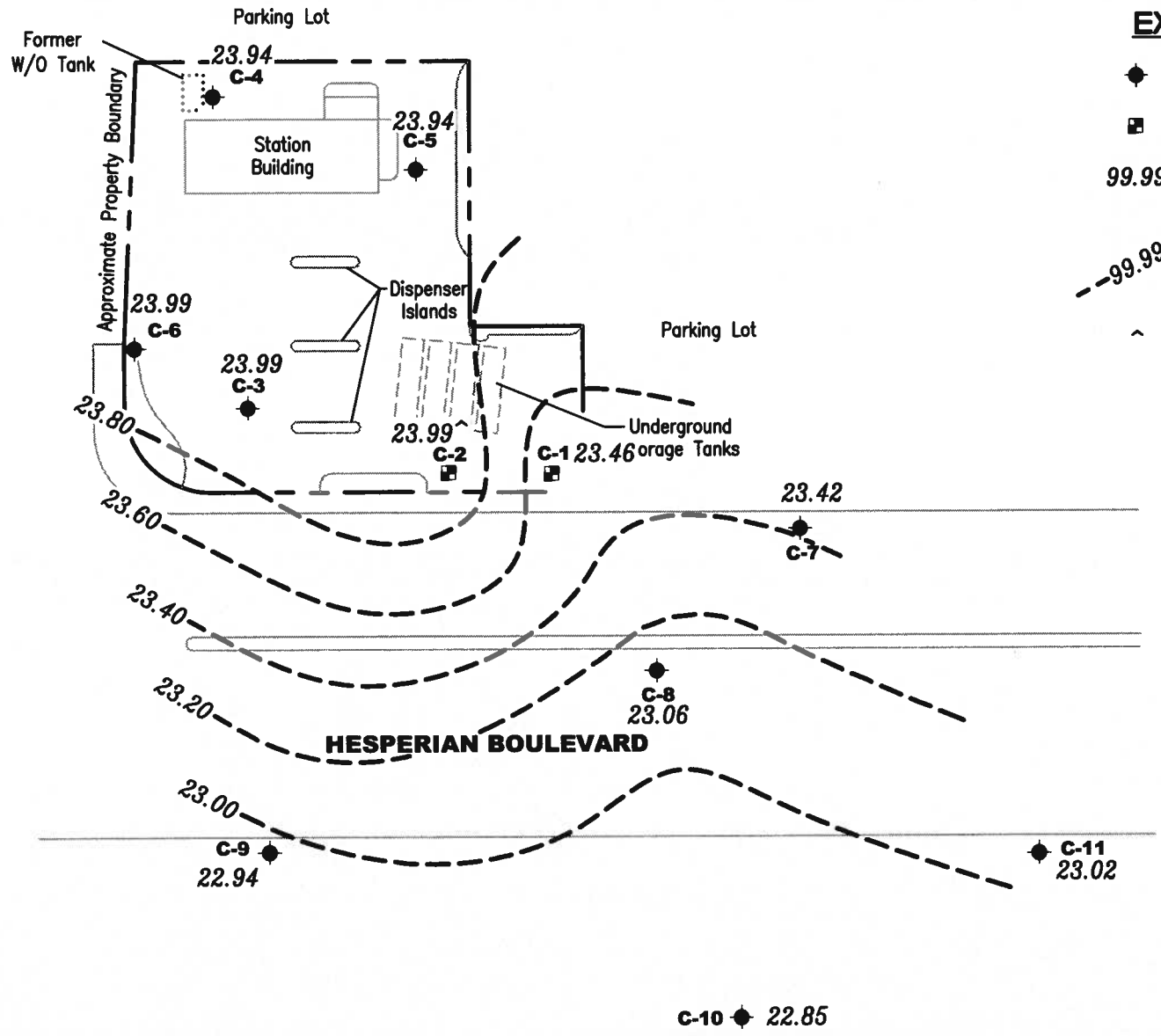
Deanna L. Harding
Project Coordinator

Douglas J. Lee
Senior Geologist, P.G. No. 6882

PROFESSIONAL GEOLOGIST
DOUGLAS J. LEE
No. 6882
STATE OF CALIFORNIA

Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Groundwater Analytical Results - Oxygenate Compounds
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports

6747 Sierra Court, Suite J • **Dublin**, CA 94568 • (925) 551-7555 • Fax (925) 551-7888
3140 Gold Camp Drive, Suite 170 • **Rancho Cordova**, CA 95670 • (916) 631-1300 • Fax (916) 631-1317



EXPLANATION

- Groundwater monitoring well
- Vapor extraction well
- 99.99 — Groundwater elevation in feet referenced to Mean Sea Level
- 99.99 — Groundwater elevation contour, dashed where inferred
- ^ — Groundwater elevation corrected for the presence of separate-phase hydrocarbons

Approximate groundwater flow direction at a gradient of 0.004 to 0.014 Ft./Ft.

0 60

Scale in Feet

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

POTENTIOMETRIC MAP
Chevron Service Station #9-0504
15900 Hesperian Boulevard
San Lorenzo, California

FIGURE 1

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
385259		March 23, 2012	

FILE NAME: P:\Enviro\Chevron\9-0504\Q12-9-0504.DWG | Layout Tab: Pot1

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)
C-1													
06/06/89	--	--	--	--	--	--	5,100	250	170	200	990	--	--
12/08/89	--	--	13.14	0.01	--	--	--	--	--	--	--	--	--
09/07/90	33.93	19.91	14.04	0.03	--	--	--	--	--	--	--	--	--
12/20/90	33.93	20.07	13.87	0.01	--	--	--	--	--	--	--	--	--
03/15/91	33.93	22.53	11.40	--	--	--	37,000	220	53	53	1,900	--	--
06/28/91	33.93	21.68	12.25	--	--	--	3,300	110	6.2	6.2	350	--	--
09/26/91	33.93	19.91	14.02	--	--	--	3,200	220	6.9	6.9	710	--	--
01/27/92	33.93	21.30	12.63	--	--	--	330	20	0.6	0.6	48	--	--
04/20/92	33.93	23.50	10.43	--	--	--	2,700	130	3.4	3.4	690	--	--
07/17/92	33.93	21.32	12.61	--	--	--	490	17	<0.5	<0.5	52	--	--
01/20/93	33.93	24.51	9.42	--	--	--	--	--	--	--	--	--	--
07/28/93	33.93	23.45	10.48	--	--	--	--	--	--	--	--	--	--
10/27/93	32.80	21.48	11.32	--	--	--	240	3.6	<0.5	11	23	--	--
03/31/94	32.80	23.35	9.45	--	--	--	530	23	1.2	10	120	--	--
06/08/94	32.80	22.87	9.93	--	--	--	990	15	1.5	42	89	--	--
09/29/94	32.80	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
11/09/94	32.80	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
12/14/94	32.80	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
03/30/95	32.80	24.79	8.01	--	--	--	3,900	21	7.2	190	250	--	--
06/30/95	32.80	22.98	9.82	--	--	--	1,400	3.1	0.8	54	95	--	--
09/22/95	32.80	22.20	10.60	--	--	--	620[7]	0.7	<0.5	3.3	3.5	--	--
12/11/95	32.80	22.50	10.30	--	--	--	210	2.4	<0.5	43	85	79	--
03/08/96	32.80	25.15	7.65	--	--	--	750	2.1	<0.5	22	34	330	--
06/21/96	32.80	23.52	9.28	--	--	--	2,800	9.0	<0.5	94	83	1,300	--
09/27/96	32.80	22.52	10.28	--	--	--	770	0.5	<0.5	5.1	6.1	580	--
01/03/97	32.80	24.95	7.85	--	--	--	1,800	2.8	<0.5	51	41	110	--
03/28/97	32.80	23.43	9.37	--	--	--	720	0.6	<0.5	4.7	3.7	200	--
09/30/97	32.80	MONITORED ANNUALLY			--	--	--	--	--	--	--	--	--
03/28/98	32.80	25.08	7.72	--	--	--	940[8]	3.9	<0.5	17	4.7	290	--
03/19/99	32.80	24.29	8.51	--	--	--	320	<0.5	<0.5	8.5	2.5	350	--
03/21/00	32.80	24.72	8.08	--	--	--	432	<0.5	2.04	5.33	0.658	154	--
08/28/00	32.80	MONITORED /SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
03/02/01	32.80	24.09	8.71	0.00	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	32.8	--
09/04/01	32.80	MONITORED /SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
03/21/02	32.80	24.18	8.62	0.00	--	--	<50	<0.50	<0.50	<0.50	<1.5	20	--
09/04/02	32.80	MONITORED /SAMPLED ANNUALLY				--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)
C-1 (cont)													
03/31/03	32.80	23.93	8.87	0.00	--	--	<50	<0.5	<0.5	<0.5	<1.5	40	--
09/17/03	32.80	MONITORED /SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
03/05/04[12]	32.80	24.46	8.34	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	15	--
09/03/04	32.80	MONITORED /SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
03/02/05[12]	32.80	24.76	8.04	0.00	--	--	<50	<0.5	<0.5	<0.5	0.5	1	--
09/02/05	32.80	MONITORED /SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
03/24/06[12]	32.80	25.04	7.76	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	4	--
03/05/07[12]	32.80	24.00	8.80	0.00	--	--	160	<0.5	<0.5	<0.5	<0.5	14	--
03/17/08[12]	32.80	23.89	8.91	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.9	--
03/03/09[12]	32.80	24.13	8.67	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.8	--
03/17/10[12]	32.80	24.43	8.37	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.5	--
03/04/11[12]	32.80	24.09	8.71	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/23/12[12]	**32.80**	**23.46**	**9.34**	**0.00**	**--**	**230/73[14]**	**<50**	**<0.5**	**1**	**<0.5**	**<0.5**	**0.6**	**--**
C-2													
06/06/89	--	--	--	--	--	--	130,000	14,000	28,000	3,400	24,000	--	--
12/08/89	--	--	13.44	0.15	--	--	--	--	--	--	--	--	--
09/07/90	34.21	20.01	14.28	0.10	--	--	--	--	--	--	--	--	--
12/20/90	34.21	20.16	14.06	0.01	--	--	--	--	--	--	--	--	--
03/15/91	34.21	22.63	11.59	0.01	--	--	1,200,000	4,700	16,000	13,000	140,000	--	--
06/28/91	34.21	21.66	12.55	--	--	--	150,000	3,500	4,200	2,100	16,000	--	--
09/26/91	34.21	20.01	14.20	--	--	--	4,900	220	290	130	880	--	--
01/27/92	34.21	21.75	12.46	--	--	--	8,200	510	590	230	1,300	--	--
04/20/92	34.21	23.97	10.24	--	--	--	19,000	1,700	1,700	930	4,700	--	--
07/17/92	34.21	21.40	12.81	--	--	--	20,000	950	950	1,300	4,700	--	--
01/20/93	34.21	25.42	8.79	--	--	--	--	--	--	--	--	--	--
10/27/93	33.46	21.10	12.36	--	--	--	1,600	63	5.8	5.9	190	--	--
03/31/94	33.46	23.84	9.62	--	--	--	12,000	300	96	510	2,700	--	--
06/08/94	33.46	23.48	9.98	--	--	--	8,700	140	35	250	1,500	--	--
09/28/94	33.46	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
11/09/94	33.46	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
12/14/94	33.46	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
03/30/95	33.46	25.77	7.69	--	--	--	1,400	17	5.4	52	240	--	--
06/30/95	33.46	23.56	9.90	--	--	--	730	22	2.6	50	240	--	--
09/22/95	33.46	22.85	10.61	--	--	--	2,100[7]	66	7.3	140	550	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

WELL ID/ DATE		TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)
C-2 (cont)														
12/11/95		33.46	23.08	10.38	--	--	--	3,700	23	<0.5	68	300	1,000	--
03/08/96		33.46	25.76	7.70	--	--	--	2,200	19	<5.0	63	290	1,300	--
06/21/96		33.46	24.09	9.37	--	--	--	2,200	23	1.1	70	260	2,300	--
09/27/96		33.46	22.88	10.58	--	--	--	5,500	12	0.6	30	110	2,200	--
01/03/97		33.46	25.56	7.90	--	--	--	750	4.2	<0.5	29	120	51	--
03/28/97		33.46	24.11	9.35	--	--	--	1,300	12	1.5	24	86	310	--
09/30/97		33.46	MONITORED ANNUALLY			--	--	--	--	--	--	--	--	--
03/28/98		33.46	25.46	8.00	--	--	--	1,100[8]	14	<5.0	34	79	710	--
03/19/99		33.46	25.01	8.45	--	--	--	1,400	15	<0.5	56	130	460	--
03/21/00		33.46	25.37	8.09	--	--	--	5,420	9.69	<0.5	76.5	125	168	--
08/28/00		33.46	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
03/02/01		33.46	24.68	8.78	0.00	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
09/04/01		33.46	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
03/21/02		33.46	24.75	8.71	0.00	--	--	<50	<0.50	<0.50	<0.50	<1.5	4.5	--
09/04/02		33.46	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
03/31/03		33.46	24.53	8.93	0.00	--	--	<50	<0.5	1.0	<2.0	2.6	<2.5	--
09/17/03	♦	32.80	MONITORED /SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
03/05/04[12]		32.80	24.41	8.39	0.00	--	--	940	1	<0.5	21	10	45	--
09/03/04		32.80	MONITORED /SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
03/02/05[12]		32.80	24.67	8.13	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/05		32.80	MONITORED /SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
03/24/06[12]		32.80	24.99	7.81	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/07[12]		32.80	23.89	8.91	0.00	--	--	1,000	1	<0.5	8	1	<0.5	--
03/17/08[12]		33.46	25.35	8.11	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/03/09[12]		33.46	25.43	8.03	0.00	--	--	<50	<0.5	0.7	<0.5	0.5	<0.5	--
03/17/10[12]		33.46	24.95	8.51	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/04/11[12]		33.46	24.64	8.82	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/23/12[12]		**33.46**	**23.99****	**9.71**	**0.30**	**NOT SAMPLED DUE TO THE PRESENCE OF SPH**					--	--	--	--
C-3														
06/06/89		--	--	--	--	--	--	2,600	63	20	390	370	--	--
12/08/89		--	--	--	--	--	--	680	6.0	1.0	31	58	--	--
09/07/90		35.46	20.15	15.31	--	--	--	490	6.0	<0.5	41	120	--	--
09/07/90	(D)	35.46	--	--	--	--	--	460	6.0	<0.5	40	110	--	--
12/20/90		35.46	20.29	15.17	--	--	--	100	5.0	<0.5	27	130	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

WELL ID/ DATE		TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)
C-3 (cont)														
03/06/91		35.46	22.19	13.27	--	--	--	1,300	7.0	<0.5	75	250	--	--
03/06/91	(D)	35.46	--	--	--	--	--	1,400	8.0	<0.5	76	250	--	--
06/28/91		35.46	21.79	13.67	--	--	--	770	6.0	<0.5	81	71	--	--
06/28/91	(D)	35.46	--	--	--	--	--	990	5.5	<0.5	86	75	--	--
09/26/91		35.46	20.14	15.32	--	--	--	1,400	7.9	<0.5	98	340	--	--
01/27/92		35.46	21.55	13.91	--	--	--	150	0.7	<0.5	12	12	--	--
04/20/92		35.46	23.80	11.66	--	--	--	1,600	9.3	1.0	190	370	--	--
07/17/92		35.46	21.50	13.96	--	--	--	460	18	<0.5	20	52	--	--
10/29/92		35.46	19.95	15.51	--	--	--	520	2.4	1.0	30	79	--	--
01/20/93		35.46	24.47	10.99	--	--	--	4,200	7.4	<0.5	140	380	--	--
05/03/93		35.46	24.49	10.97	--	--	--	1,300	6.8	3.2	71	170	--	--
07/28/93		35.46	23.05	12.41	--	--	--	220	1.4	<0.5	17	39	--	--
10/27/93		35.46	21.78	13.37	--	--	--	1,800	5.5	0.7	68	290	--	--
03/31/94		35.46	23.90	11.56[1]	--	--	--	310	1.2	<0.5	19	54	--	--
06/08/94		35.46	23.39	12.07	--	--	--	300	2.7	1.6	19	48	--	--
09/29/94[2]		35.46	21.62	13.84	--	--	--	2,500	<25	<25	<25	220	--	--
11/09/94[5]		35.46	--	--	--	--	--	170	<0.5	0.8	3.3	16	--	--
12/14/94		35.46	23.61	11.85	--	--	--	510	3.2	1.4	28	60	--	--
03/30/95		35.46	25.85	9.61	--	--	--	66	<0.5	<0.5	1.1	2.4	--	--
06/30/95		35.46	23.96	11.50	--	--	--	1,500	1.9	8.1	100	300	--	--
09/22/95		35.46	22.88	12.58	--	--	--	600[7]	0.7	<0.5	43	110	--	--
12/11/95		35.46	22.91	12.55	--	--	--	670[8]	<0.5	<0.5	7.0	13	15	--
03/08/96		35.46	25.80	9.66	--	--	--	3,600	7.5	33	130	400	1,100	--
06/21/96		35.46	23.68	11.78	--	--	--	310	<0.5	<0.5	16	49	57	--
09/27/96		35.46	23.09	12.37	--	--	--	250	<0.5	<0.5	3.6	9.6	44	--
01/03/97		35.46	25.57	9.89	--	--	--	170	<0.5	1.2	4.5	15	15	--
03/28/97		35.46	24.50	10.96	--	--	--	60	<0.5	<0.5	1.7	1.8	23	--
09/30/97		35.46	MONITORED ANNUALLY			--	--	--	--	--	--	--	--	--
03/28/98		35.46	25.74	9.72	--	--	--	<50	0.88	<0.5	<0.5	<0.5	16	--
03/19/99		35.46	25.44	10.02	--	--	--	<50	<0.5	<0.5	<0.5	0.65	12	--
03/21/00		35.46	25.36	10.10	--	--	--	122	<0.5	<0.5	4.96	11.7	6.13	--
08/28/00		35.46	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
03/02/01		35.46	24.67	10.79	0.00	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
09/04/01		35.46	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
03/21/02		35.46	24.74	10.72	0.00	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
09/04/02		35.46	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

WELL ID/ DATE		TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)
C-3 (cont)						--	--							
03/31/03		35.46	24.31	11.15	0.00	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/17/03	♦	32.80	MONITORED /SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
03/05/04[12]		32.80	22.42	10.38	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/03/04		32.80	MONITORED /SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
03/02/05[12]		32.80	22.67	10.13	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/05		32.80	MONITORED /SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
03/24/06[12]		32.80	22.95	9.85	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/07[12]		32.80	21.83	10.97	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/17/08[12]		35.46	24.23	11.23	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/03/09[12]		35.46	24.45	11.01	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/17/10[12]		35.46	24.79	10.67	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/04/11[12]		35.46	24.63	10.83	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/23/12[12]		**35.46**	**23.99**	**11.47**	**0.00**	**--**	**<50/<50[14]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**
C-4														
06/06/89		--	--	--	--	--	--	<50	<0.05	<1.0	<1.0	<3.0	--	--
12/08/89		--	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--	--
09/07/90		35.78	20.20	15.58	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90		35.78	20.36	15.42	--	--	--	170	1.0	<0.5	<0.5	4.0	--	--
03/06/91		35.78	22.24	13.54	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91		35.78	21.85	13.93	--	--	--	<50	<0.5	<0.5	<0.5	<0.8	--	--
09/26/91		35.78	20.14	15.64	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91		35.78	--	15.64	--	--	--	<50	<0.5	<0.5	<0.5	--	--	--
01/27/92		35.78	21.82	13.96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/20/92		35.78	24.07	11.71	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92		35.78	21.59	14.19	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92		35.78	20.06	15.72	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93		35.78	24.61	11.17	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93		35.78	24.84	10.94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/28/93		35.78	23.38	12.40	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93		35.23	21.91	13.32	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94		35.23	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
06/08/94		35.23	23.31	11.92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94[2,4]		35.23	21.47	13.76	--	--	--	<2,500	<25	<25	<25	<25	--	ND[3]

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)
C-4 (cont)													
11/09/94[4,5]	35.23	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	ND[3]
12/14/94[6]	35.23	23.44	11.79	--	--	--	<50	2.1	3.0	1.9	3.7	--	ND[3]
03/30/95	35.23	26.22	9.01	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	35.23	23.79	11.44	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	35.23	22.72	12.51	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	35.23	22.61	12.62	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	35.23	25.60	9.63	--	--	--	<50	<0.5	<0.5	<0.5	0.6	<5.0	--
06/21/96	35.23	23.99	11.24	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	35.23	22.92	12.31	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	35.23	25.54	9.69	--	--	--	<50	1.5	7.2	1.3	6.2	<5.0	--
03/28/97	35.23	24.23	11.00	--	--	--	<50	5.0	8.3	0.8	4.7	<5.0	--
NOT MONITORED/SAMPLED					--	--							
03/20/12[13]	**35.23**	**24.01**	**11.22**	--	--	--	--	--	--	--	--	--	--
03/23/12[12]	**35.23**	**23.94**	**11.29**	--	**<39/<39[14]**	**<50/<50[14]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	--
C-5													
06/06/89	--	--	--	--	--	--	<50	<0.05	<0.05	<1.0	<3.0	--	--
12/08/89	--	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--	--
09/07/90	35.31	20.21	15.10	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	35.31	20.37	14.94	--	--	--	80	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	35.31	22.25	13.06	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	35.31	21.85	13.46	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	35.31	20.17	15.14	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	35.31	22.00	13.31	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/20/92	35.31	24.21	11.10	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	35.31	21.58	13.73	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	35.31	20.11	15.20	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	35.31	24.59	10.72	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	35.31	24.88	10.43	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/28/93	35.31	23.50	11.81	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	34.61	21.93	12.68	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	34.61	23.61	11.00[1]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	34.61	23.35	11.26	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94[2]	34.61	21.51	13.10	--	--	--	<2,500	<25	<25	<25	<25	--	--
11/09/94[5]	34.61	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)
C-5 (cont)													
12/14/94	34.61	23.24	11.37	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/30/95	34.61	25.64	8.97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	34.61	23.78	10.83	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	34.61	22.72	11.89	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	34.61	22.83	11.78	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	34.61	25.59	9.02	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
06/21/96	34.61	23.97	10.64	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	34.61	23.04	11.57	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	34.61	25.59	9.02	--	--	--	<50	0.7	3.2	<0.5	2.2	<5.0	--
03/28/97	34.61	24.23	10.38	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
NOT MONITORED/SAMPLED													
03/20/12[13]	**34.61**	**24.00**	**10.61**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
03/23/12[12]	**34.61**	**23.94**	**10.67**	**--**	**--**	**<50/<50[14]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**
C-6													
12/08/89	--	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--	--
09/07/90	36.89	20.06	16.83	--	--	--	57	<0.5	<0.5	0.6	4.0	--	--
12/20/90	36.89	20.23	16.66	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	36.89	22.09	14.80	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	36.89	21.73	15.16	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	36.89	20.07	16.82	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	36.89	21.45	15.44	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/20/92	36.89	23.72	13.17	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	36.89	21.45	15.44	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	36.89	19.91	16.98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	36.89	24.42	12.47	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	36.89	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/28/93	36.89	23.03	13.86	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	36.57	21.72	14.85	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	36.57	23.57	13.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	36.57	23.13	13.44	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94[2]	36.57	21.69	14.88	--	--	--	<2,500	<25	<25	<25	<25	--	--
11/09/94[5]	36.57	--	--	--	--	--	<50	<0.5	0.5	<0.5	<0.5	--	--
12/14/94	36.57	23.58	12.99	--	--	--	<50	0.9	1.5	1.3	2.6	--	--
03/30/95	36.57	25.80	10.77	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)
C-6 (cont)													
06/30/95	36.57	23.95	12.62	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	36.57	22.92	13.65	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	36.57	22.89	13.68	--	--	--	140[8]	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	36.57	25.84	10.73	--	--	--	<50	<0.5	0.6	<0.5	<0.5	<5.0	--
06/21/96	36.57	24.16	12.41	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	36.57	23.10	13.47	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	36.57	25.57	11.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/97	36.57	24.51	12.06	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
NOT MONITORED/SAMPLED													
03/20/12[13]	**36.57**	**24.02**	**12.55**	--	--	--	--	--	--	--	--	--	--
03/23/12[12]	**36.57**	**23.99**	**12.58**	--	--	**<50/<50[14]**	**<50**	**<0.5**	**1**	**<0.5**	**<0.5**	**<0.5**	--
C-7													
12/08/89	--	--	--	--	--	--	1,700	32	12	17	150	--	--
09/07/90	32.75	19.73	13.02	--	--	--	880	84	23	46	180	--	--
12/20/90	32.75	20.47	12.28	--	--	--	560	24	3.0	19	21	--	--
03/06/91	32.75	15.83	16.92	--	--	--	240	25	2.0	4.0	26	--	--
06/28/91	32.75	21.44	11.31	--	--	--	2,400	130	13	82	220	--	--
09/26/91	32.75	20.47	12.28	--	--	--	8,100	47	35	350	1,200	--	--
01/27/92	32.75	21.32	11.43	--	--	--	12,000	170	40	420	830	--	--
04/20/92	32.75	23.47	9.28	--	--	--	1,200	80	11	90	110	--	--
07/17/92	32.75	21.26	11.49	--	--	--	2,400	20	7.4	95	200	--	--
10/29/92	32.75	19.70	13.05	--	--	--	69	1.3	<0.5	3.8	7.2	--	--
01/20/93	32.75	24.06	8.69	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	32.75	24.07	8.68	--	--	--	2,400	29	8.6	140	210	--	--
07/28/93	32.75	22.76	9.99	--	--	--	3,600	38	16	290	920	--	--
10/27/93	32.32	21.60	10.72	--	--	--	22,000	23	26	990	2,600	--	--
03/31/94	32.32	23.21	9.11	--	--	--	2,300	45	7.0	130	190	--	--
06/08/94	32.32	23.10	9.22	--	--	--	6,900	46	11	380	820	--	--
09/29/94	32.32	21.00	11.32	--	--	--	11,000	10	11	620	810	--	--
11/09/94[5]	32.32	--	--	--	--	--	7,800	33	18	570	1,100	--	--
12/14/94	32.32	23.33	8.99	--	--	--	7,700	63	16	140	1,200	--	--
03/30/95	32.32	25.04	7.28	--	--	--	4,100	64	18	170	280	--	--
06/30/95	32.32	23.25	9.07	--	--	--	1,200	31	3.7	21	18	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

WELL ID/ DATE		TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)
C-7 (cont)														
09/22/95		32.32	22.27	10.05	--	--	--	1,800	64	5.7	30	38	--	--
12/11/95		32.32	23.02	9.30	--	--	--	14,000	80	6.1	91	120	70	--
03/08/96		32.32	24.99	7.33	--	--	--	2,300	57	8.4	110	180	37	--
06/21/96		32.32	23.47	8.85	--	--	--	1,100	37	3.2	21	29	9.0	--
09/27/96		32.32	23.21	9.11	--	--	--	10,000	150	30	270	670	45	--
01/03/97		32.32	24.83	7.49	--	--	--	1,800	35	<0.5	34	72	15	--
03/28/97		32.32	23.75	8.57	--	--	--	2,200	38	4.1	31	56	19	--
09/30/97		32.32	MONITORED ANNUALLY			--	--	--	--	--	--	--	--	--
03/28/98		32.32	24.98	7.34	--	--	--	2,100[8]	28	7.8	70	170	<25	--
03/19/99		32.32	24.61	7.71	--	--	--	5,300	63	24	280	370	67[10]	--
03/21/00		32.32	24.57	7.75	--	--	--	2,830	19.5	5.14	116	206	11.7	--
08/28/00		32.32	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
03/02/01		32.32	24.06	8.26	0.00	--	--	7,620[11]	54.7	<25.0	522	945	<250	--
09/04/01		32.32	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
03/21/02		32.32	24.10	8.22	0.00	--	--	9,300	31	8.4	460	850	<20	--
09/04/02		32.32	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
03/31/03		32.32	23.67	8.65	0.00	--	--	3,300	17	3.9	92	190	31	--
09/17/03	♦	32.80	MONITORED /SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
03/05/04[12]		32.80	24.86	7.94	0.00	--	--	2,200	7	1	50	120	<0.5	--
09/03/04		32.80	MONITORED /SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
03/02/05[12]		32.80	25.14	7.66	0.00	--	--	2,500	11	2	39	84	<0.5	--
09/02/05		32.80	MONITORED /SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
03/24/06[12]		32.80	25.44	7.36	0.00	--	--	3,300	12	3	56	100	<0.5	--
03/05/07[12]		32.80	24.46	8.34	0.00	--	--	1,600	5	0.8	13	30	<0.5	--
03/17/08[12]		32.32	23.69	8.63	0.00	--	--	750	2	<0.5	4	12	<0.5	--
03/03/09[12]		32.32	23.88	8.44	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/17/10[12]		32.32	24.21	8.11	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/04/11[12]		32.32	23.18	9.14	0.00	--	--	<50	<0.5	<0.5	0.6	<0.5	<0.5	--
03/23/12[12]		**32.32**	**23.42**	**8.90**	**0.00**	--	**<50/<50[14]**	**<50**	**<3**	**<3**	**<3**	**<3**	**<3**	--
C-8														
12/08/89		--	--	--	--	--	--	4,800	62	11	95	180	--	--
09/07/90		33.82	19.50	14.32	--	--	--	3,700	170	31	180	270	--	--
12/20/90		33.82	19.61	14.20	--	--	--	3,900	120	20	130	180	--	--
03/06/91		33.82	19.02	14.80	--	--	--	1,200	45	6.0	34	57	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID/ DATE		TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)
C-8 (cont)														
06/28/91		33.82	21.17	12.65	--	--	--	6,900	180	46	340	640	--	--
09/26/91		33.82	19.53	14.29	--	--	--	1,400	66	9.8	38	40	--	--
01/27/92		33.82	21.22	12.60	--	--	--	3,600	100	26	170	260	--	--
04/20/92		33.82	23.46	10.36	--	--	--	2,600	110	32	180	260	--	--
07/17/92		33.82	20.94	12.88	--	--	--	1,100	34	5.9	35	52	--	--
10/29/92		33.82	19.43	14.39	--	--	--	820	29	4.8	23	27	--	--
01/20/93		33.82	23.80	10.02	--	--	--	6,000	81	22	200	310	--	--
05/03/93		33.82	24.07	9.75	--	--	--	11,000	75	96	880	2,600	--	--
07/28/93		33.82	22.68	11.14	--	--	--	2,800	60	13	92	150	--	--
10/27/93		33.25	21.24	12.01	--	--	--	2,700	49	17	60	90	--	--
03/31/94		33.25	22.98	10.27	--	--	--	190	8.6	1.7	9.1	11	--	--
06/08/94		33.25	22.69	10.56	--	--	--	2,800	52	110	78	110	--	--
09/29/94		33.25	20.83	12.42	--	--	--	3,700	120	20	120	85	--	--
11/09/94[5]		33.25	--	--	--	--	--	3,200	82	44	160	110	--	--
12/14/94		33.25	22.74	10.51	--	--	--	5,300	140	30	170	310	--	--
03/30/95		33.25	24.81	8.44	--	--	--	3,900	86	19	180	210	--	--
06/30/95		33.25	23.11	10.14	--	--	--	1,500	75	21	72	72	--	--
09/22/95		33.25	22.05	11.20	--	--	--	3,400	94	24	110	110	--	--
12/11/95		33.25	22.26	10.99	--	--	--	7,500	100	<0.5	160	120	130	--
03/08/96		33.25	24.79	8.46	--	--	--	3,600	93	8.9	110	88	82	--
06/21/96		33.25	23.28	9.97	--	--	--	3,200	69	6.8	100	88	19	--
09/27/96		33.25	22.47	10.78	--	--	--	7,000	98	12	150	130	53	--
01/03/97		33.25	24.43	8.82	--	--	--	5,700	43	9.3	110	95	17	--
03/28/97		33.25	23.60	9.65	--	--	--	4,900	52	4.7	70	47	50	--
09/30/97		33.25	MONITORED ANNUALLY			--	--	--	--	--	--	--	--	--
03/28/98		33.25	24.78	8.47	--	--	--	3,300[8]	33	4.2	110	61	<25	--
03/19/99		33.25	24.34	8.91	--	--	--	2,600	34	16	34	19	76[10]	--
03/21/00		33.25	24.43	8.82	--	--	--	4,300	8.45	42.3	61.1	20.3	33.8	--
08/28/00		33.25	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
03/02/01		33.25	23.75	9.50	0.00	--	--	2,980[11]	37.4	4.12	22.3	11.3	40.4	--
09/04/01		33.25	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
03/21/02		33.25	23.86	9.39	0.00	--	--	3,500	<20	2.0	15	8.3	<10	--
09/04/02		33.25	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
03/31/03		33.25	23.45	9.80	0.00	--	--	4,700	<20	2.1	22	11	<50	--
09/17/03	♦	32.80	MONITORED /SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
03/05/04[12]		32.80	23.70	9.10	0.00	--	--	5,500	3	2	58	17	<0.5	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)
C-8 (cont)													
09/03/04	32.80	MONITORED /SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
03/02/05[12]	32.80	23.94	8.86	0.00	--	--	3,300	1	0.8	17	9	<0.5	--
09/02/05	32.80	MONITORED /SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
03/24/06[12]	32.80	25.13	7.67	0.00	--	--	4,000	0.9	0.7	18	8	<0.5	--
03/05/07[12]	32.80	23.26	9.54	0.00	--	--	8,100	1	1	66	19	<0.5	--
03/17/08[12]	33.25	23.45	9.80	0.00	--	--	8,800	2	1	62	18	<0.5	--
03/03/09[12]	33.25	23.52	9.73	0.00	--	--	7,400	0.8	0.7	56	11	<0.5	--
03/17/10[12]	33.25	23.98	9.27	0.00	--	--	8,700	1	0.8	51	11	<0.5	--
03/04/11[12]	33.25	23.32	9.93	0.00	--	--	8,900	1	0.6	37	8	<0.5	--
03/23/12[12]	**33.25**	**23.06**	**10.19**	**0.00**	--	**2,900/2,000[14]**	**8,900**	**0.8**	**5**	**33**	**0.5**	**<0.5**	--
C-9													
09/07/90	33.43	19.37	14.06	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	33.43	19.40	14.03	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	33.43	21.31	12.12	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	33.43	21.02	12.41	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	33.43	19.41	14.02	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	33.43	20.90	12.53	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/20/92	33.43	23.21	10.22	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	33.43	20.79	12.64	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	33.43	19.23	14.20	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	33.43	23.71	9.72	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	33.43	23.66	9.55	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/28/93	33.43	22.45	10.98	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	32.97	20.99	11.98	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	32.97	22.80	10.17	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	32.97	22.44	10.53	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94[2]	32.97	20.57	12.40	--	--	--	<5,000	<50	<50	<50	<50	--	--
11/09/94[5]	32.97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	0.7	--	--
12/14/94	32.97	22.48	10.49	--	--	--	69	1.1	2.2	3.4	7.8	--	--
03/30/95	32.97	24.77	8.20	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	32.97	23.00	9.97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	32.97	21.90	11.07	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	32.97	21.89	11.08	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	32.97	24.77	8.20	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)
C-9 (cont)													
06/21/96	32.97	23.16	9.81	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	32.97	22.06	10.91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	32.97	24.30	8.67	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/97	32.97	23.50	9.47	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/30/97	32.97	21.36	11.61	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/98	32.97	24.71	8.26	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/08/98	32.97	22.73	10.24	--	--	--	<50	5.7	1.4	1.4	1.8	4.9	--
03/19/99	32.97	24.27	8.70	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/21/99	32.97	22.00	10.97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/21/00	32.97	24.38	8.59	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/28/00	32.97	22.02	10.95	0.00	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
03/02/01	32.97	23.57	9.40	0.00	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
09/04/01	32.97	21.66	11.31	0.00	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/21/02	32.97	23.72	9.25	0.00	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
09/04/02	32.97	21.93	11.04	0.00	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/31/03	32.97	23.29	9.68	0.00	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/17/03[12]	32.97	21.99	10.98	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/04[12]	32.97	24.07	8.90	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/03/04[12]	32.97	21.54	11.43	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/02/05[12]	32.97	24.24	8.73	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/05[12]	32.97	22.38	10.59	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/24/06	32.97	24.30	8.67	0.00	DISCONTINUED SAMPLING			--	--	--	--	--	--
03/05/07	32.97	23.49	9.48	0.00	--	--	--	--	--	--	--	--	--
03/17/08	32.97	23.27	9.70	0.00	--	--	--	--	--	--	--	--	--
03/03/09	32.97	23.37	9.60	0.00	--	--	--	--	--	--	--	--	--
03/17/10	32.97	23.83	9.14	0.00	--	--	--	--	--	--	--	--	--
03/04/11	32.97	23.71	9.26	0.00	--	--	--	--	--	--	--	--	--
03/20/12[13]	**32.97**	**22.93**	**10.04**	**0.00**	--	--	--	--	--	--	--	--	--
03/23/12[12]	**32.97**	**22.94**	**10.03**	**0.00**	--	**<50/<50[14]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	--
C-10													
09/07/90	31.63	19.14	12.49	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	31.63	19.27	12.36	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	31.63	21.18	10.45	--	--	--	<50	<0.5	0.8	<0.5	0.8	--	--
06/28/91	31.63	20.69	10.74	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

WELL ID/ DATE		TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)
C-10 (cont)														
09/26/91		31.63	19.21	12.42	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92		31.63	20.79	10.84	--	--	--	<50	<0.5	1.3	<0.5	<0.5	--	--
01/27/92	(D)	31.63	--	--	--	--	--	<50	<0.5	1.3	<0.5	<0.5	--	--
04/20/92		31.63	23.06	8.55	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92		31.63	20.61	11.02	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92		31.63	19.23	12.40	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93		31.63	23.49	8.14	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93		31.63	23.71	7.92	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/28/93		31.63	22.27	9.36	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93		31.16	20.86	10.30	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94		31.16	22.71	8.45	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94		31.16	22.31	8.85	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94[2]		31.16	20.46	10.70	--	--	--	<5,000	<50	<50	<50	<50	--	--
11/09/94[5]		31.16	--	--	--	--	--	<50	<0.5	1.4	0.8	1.2	--	--
12/14/94		31.16	22.55	8.61	--	--	--	110	3.9	5.4	4.3	11	--	--
03/30/95		31.16	24.51	6.65	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95		31.16	22.86	8.30	--	--	--	<50	1.5	1.5	<0.5	2.2	--	--
09/22/95		31.16	21.75	9.41	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95		31.16	21.89	9.27	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96		31.16	24.53	6.63	--	--	--	<50	<0.5	<0.5	<0.5	0.5	<5.0	--
06/21/96		31.16	23.04	8.12	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96		31.16	21.95	9.21	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97		31.16	23.84	7.32	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/97		31.16	23.34	7.82	--	--	--	<50	1.2	1.8	<0.5	0.8	<5.0	--
09/30/97		31.16	21.34	9.82	--	--	--	<250[9]	<2.5	<2.5	<2.5	<2.5	<25	--
03/28/98		31.16	24.60	6.56	--	--	--	<50	<0.5	0.52	<0.5	<0.5	<2.5	--
09/08/98		31.16	22.65	8.51	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/19/99		31.16	24.00	7.16	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	9.2[10]	--
09/21/99		31.16	21.87	9.29	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	6.38	--
03/21/00		31.16	24.54	6.62	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	10.6	--
08/28/00		31.16	21.86	9.30	0.00	--	--	<50	<0.50	<0.50	<0.50	<0.50	7.7	--
03/02/01		31.16	23.41	7.75	0.00	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
09/04/01		31.16	21.54	9.62	0.00	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/21/02		31.16	23.56	7.60	0.00	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
09/04/02		31.16	21.76	9.40	0.00	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/31/03		31.16	23.14	8.02	0.00	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)
C-10 (cont)													
09/17/03[12]	31.16	21.85	9.31	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.8	--
03/05/04[12]	31.16	23.88	7.28	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.5	--
09/03/04[12]	31.16	21.50	9.66	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/02/05[12]	31.16	24.08	7.08	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/05[12]	31.16	22.35	8.81	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/24/06	31.16	23.54	7.62	0.00	DISCONTINUED SAMPLING			--	--	--	--	--	--
03/05/07	31.16	23.39	7.77	0.00	--	--	--	--	--	--	--	--	--
03/17/08	31.16	21.56	9.60	0.00	--	--	--	--	--	--	--	--	--
03/03/09	31.16	23.26	7.90	0.00	--	--	--	--	--	--	--	--	--
03/17/10	31.16	23.69	7.47	0.00	--	--	--	--	--	--	--	--	--
03/04/11	31.16	22.84	8.32	0.00	--	--	--	--	--	--	--	--	--
03/20/12[13]	**31.16**	**23.14**	**8.02**	**0.00**	--	--	--	--	--	--	--	--	--
03/23/12[12]	**31.16**	**22.85**	**8.31**	**0.00**	--	**<50/<50[14]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	--
C-11													
09/07/90	31.58	19.36	12.22	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	31.58	19.50	12.08	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	31.58	15.43	16.15	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	31.58	21.06	10.52	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	31.58	19.38	12.20	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	31.58	20.85	10.73	--	--	--	<50	<0.5	0.8	<0.5	<0.5	--	--
04/20/92	31.58	23.02	8.56	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	31.58	20.80	10.78	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	31.58	19.51	12.07	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	31.58	21.61	7.97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	31.58	23.63	7.95	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/28/93	31.58	22.27	9.31	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	31.23	21.06	10.17	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	31.23	22.80	8.43	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	31.23	22.47	8.76	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94	31.23	20.69	10.54	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/09/94	--	--	--	--	--	--	<50	<0.5	0.6	<0.5	0.7	--	--
12/14/94	31.23	22.73	8.50	--	--	--	51	1.1	1.7	1.6	4.0	--	--
03/30/95	31.23	24.38	6.85	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	31.23	22.89	8.34	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)
C-11 (cont)													
09/22/95	31.23	21.93	9.30	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	31.23	22.22	9.01	--	--	--	<50	<0.5	<0.5	<0.5	1.1	1.1	--
03/08/96	31.23	24.33	6.90	--	--	--	<50	<0.5	0.6	<0.5	1.6	<5.0	--
06/21/96	31.23	23.13	8.10	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	31.23	22.16	9.07	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	31.23	24.10	7.13	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/97	31.23	21.40	9.83	--	--	--	120	12	20	2.3	14	<5.0	--
09/30/97	31.23	21.56	9.67	--	--	--	<50	0.7	0.8	<0.5	0.6	<5.0	--
03/28/98	31.23	24.40	6.83	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/08/98	31.23	22.72	8.51	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/19/99	31.23	24.06	7.17	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/21/99	31.23	22.02	9.21	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/21/00	31.23	24.13	7.10	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/28/00	31.23	22.04	9.19	0.00	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
03/02/01	31.23	23.34	7.89	0.00	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
09/04/01	31.23	21.78	9.45	0.00	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/21/02	31.23	23.66	7.57	0.00	--	--	<250	<1.0	<1.0	<1.0	<3.0	<2.5	--
09/04/02	31.23	21.98	9.25	0.00	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/31/03	31.23	23.26	7.97	0.00	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/17/03[12]	31.23	22.04	9.19	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/04[12]	31.23	23.88	7.35	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/03/04[12]	31.23	21.74	9.49	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/02/05[12]	31.23	24.18	7.05	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/05[12]	31.23	22.61	8.62	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/24/06	31.23	24.22	7.01	0.00	DISCONTINUED SAMPLING			--	--	--	--	--	--
03/05/07	31.23	23.53	7.70	0.00	--	--	--	--	--	--	--	--	--
03/17/08	31.23	22.30	8.93	0.00	--	--	--	--	--	--	--	--	--
03/03/09	31.23	23.43	7.80	0.00	--	--	--	--	--	--	--	--	--
03/17/10	31.23	23.67	7.56	0.00	--	--	--	--	--	--	--	--	--
03/04/11	31.23	22.98	8.25	0.00	--	--	--	--	--	--	--	--	--
03/20/12[13]	**31.23**	**23.07**	**8.16**	**0.00**	--	--	--	--	--	--	--	--	--
03/23/12[12]	**31.23**	**23.02**	**8.21**	**0.00**	--	**110/<50[14]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)
TRIP BLANK													
09/07/90	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/20/92	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/28/93	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/09/94	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/14/94	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/30/95	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
06/21/96	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/97	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/30/97	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/98	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/08/98	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/19/99	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/21/99	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/21/00	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/28/00	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
03/02/01	--	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
09/04/01	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)
QA													
03/21/02	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
09/04/02	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/31/03	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/17/03[12]	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/04[12]	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/03/04[12]	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/02/05[12]	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/05[12]	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/24/06[12]	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/07[12]	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/17/08[12]	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/03/09[12]	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
DISCONTINUED													

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to August 28, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing
(ft.) = Feet
GWE = Groundwater Elevation
(msl) = Mean sea level
DTW = Depth to Water
SPHT = Separate Phase Hydrocarbons
TPH = Total Petroleum Hydrocarbons
MO= Motor Oil

DRO = Total Petroleum Hydrocarbons as Diesel
GRO = Gasoline Range Organics
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl Tertiary Butyl Ether
HVOCs = Halogenated Volatile Organic Compounds

(µg/L) = Micrograms per liter
(ppb) = Parts per billion
(D) = Duplicate
ND = Not Detected
-- = Not Measured/Not Analyzed
QA = Quality Assurance/Trip Blank

♦ Toc elevations for wells C-2, C-3, C-7 and C-8 were inadvertently switched from September 17, 2003, to March 5, 2007. TOC's have been corrected as of March 17, 2008, to reflect the current TOC data.

** GWE has been corrected due to the presence of SPH; correction factor: [(TOC - DTW) + (SPHT x 0.80)].

1 Depth to water measured from top of well vault.
2 Detection limit raised due to foaming sample.
3 Other HVOCs were not detected at detection limits of 0.5-1.0 ppb.
4 Chloroform detected at <0.5 ppb.
5 All site monitoring wells were re-sampled due to an excessive number of foaming samples on the 09/29/94 event.
6 Chloroform detected at 1.8 ppb.
7 Laboratory report indicates uncategorized compounds are not included in gas concentration.
8 Chromatogram pattern indicates an unidentified hydrocarbon.
9 Laboratory report indicates sample diluted due to foaming.
10 MTBE value was reported from a re-analyzation on 04/01/99.
11 Laboratory report indicates weathered gasoline C6-C12.
12 BTEX and MTBE by EPA Method 8260.
13 Well redeveloped.
14 Analyzed with Silica gel cleanup.

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Chevron Service Station #9-0504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
C-1	03/19/99	<2,500	<500	270	<10	<10	<10
	03/05/04	<50	--	15	--	--	--
	09/03/04	SAMPLED ANNUALLY		--	--	--	--
	03/02/05	<50	--	1	--	--	--
	03/24/06	<50	--	4	--	--	--
	03/05/07	<50	--	14	--	--	--
	03/17/08	<50	--	0.9	--	--	--
	03/03/09	<50	--	0.8	--	--	--
	03/17/10	--	--	0.5	--	--	--
	03/04/11	--	--	<0.5	--	--	--
	03/23/12	--	--	**0.6**	--	--	--
C-2	03/19/99	<2,500	<500	330	<10	<10	<10
	03/05/04	<50	--	45	--	--	--
	09/03/04	SAMPLED ANNUALLY		--	--	--	--
	03/02/05	<50	--	<0.5	--	--	--
	03/24/06	<50	--	<0.5	--	--	--
	03/05/07	<50	--	<0.5	--	--	--
	03/17/08	<50	--	<0.5	--	--	--
	03/03/09	<50	--	<0.5	--	--	--
	03/17/10	--	--	<0.5	--	--	--
	03/04/11	--	--	<0.5	--	--	--
	03/23/12	**NOT SAMPLED DUE TO THE PRESENCE OF SPH**			--	--	--
C-3	03/19/99	<500	<100	8.0	<2.0	<2.0	<2.0
	03/05/04	<50	--	<0.5	--	--	--
	09/03/04	SAMPLED ANNUALLY		--	--	--	--
	03/02/05	<50	--	<0.5	--	--	--
	03/24/06	<50	--	<0.5	--	--	--
	03/05/07	<50	--	<0.5	--	--	--
	03/17/08	<50	--	<0.5	--	--	--
	03/03/09	<50	--	<0.5	--	--	--
	03/17/10	--	--	<0.5	--	--	--
	03/04/11	--	--	<0.5	--	--	--
	03/23/12	--	--	**<0.5**	--	--	--

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-0504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
C-4	**03/23/12**	**--**	**--**	**<0.5**	**--**	**--**	**--**
C-5	**03/23/12**	**--**	**--**	**<0.5**	**--**	**--**	**--**
C-6	**03/23/12**	**--**	**--**	**<0.5**	**--**	**--**	**--**
C-7	03/19/99	<500	<100	<2.0	<2.0	<2.0	<2.0
	03/05/04	<50	--	<0.5	--	--	--
	09/03/04	SAMPLED ANNUALLY		--	--	--	--
	03/02/05	<50	--	<0.5	--	--	--
	03/24/06	<50	--	<0.5	--	--	--
	03/05/07	<50	--	<0.5	--	--	--
	03/17/08	<50	--	<0.5	--	--	--
	03/03/09	<50	--	<0.5	--	--	--
	03/17/10	--	--	<0.5	--	--	--
	03/04/11	--	--	<0.5	--	--	--
	03/23/12	**--**	**--**	**<3**	**--**	**--**	**--**
C-8	03/19/99	<500	<100	10	<2.0	<2.0	<2.0
	03/05/04	<50	--	<0.5	--	--	--
	09/03/04	SAMPLED ANNUALLY		--	--	--	--
	03/02/05	<50	--	<0.5	--	--	--
	03/24/06	<50	--	<0.5	--	--	--
	03/05/07	<50	--	<0.5	--	--	--
	03/17/08	<50	--	<0.5	--	--	--
	03/03/09	<50	--	<0.5	--	--	--
	03/17/10	--	--	<0.5	--	--	--
	03/04/11	--	--	<0.5	--	--	--
	03/23/12	**--**	**--**	**<0.5**	**--**	**--**	**--**

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
C-9	09/17/03	<50	--	<0.5	--	--	--
	03/05/04	<50	--	<0.5	--	--	--
	09/03/04	<50	--	<0.5	--	--	--
	03/02/05	<50	--	<0.5	--	--	--
	09/02/05	<50	--	<0.5	--	--	--
	03/24/06	DISCONTINUED SAMPLED		--	--	--	--
	03/23/12	--	--	**<0.5**	--	--	--
C-10	03/19/99	<500	<100	6.7	<2.0	<2.0	<2.0
	09/17/03	<50	--	0.8	--	--	--
	03/05/04	<50	--	0.5	--	--	--
	09/03/04	<50	--	<0.5	--	--	--
	03/02/05	<50	--	<0.5	--	--	--
	09/02/05	<50	--	<0.5	--	--	--
	03/24/06	DISCONTINUED SAMPLED		--	--	--	--
	03/23/12	--	--	**<0.5**	--	--	--
C-11	09/17/03	<50	--	<0.5	--	--	--
	03/05/04	<50	--	<0.5	--	--	--
	09/03/04	<50	--	<0.5	--	--	--
	03/02/05	<50	--	<0.5	--	--	--
	09/02/05	<50	--	<0.5	--	--	--
	03/24/06	DISCONTINUED SAMPLED		--	--	--	--
	03/23/12	--	--	**<0.5**	--	--	--

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-0504

15900 Hesperian Boulevard

San Lorenzo, California

EXPLANATIONS:

Groundwater laboratory analytical results before September 17, 2003, were compiled from reports prepared by Blaine Tech Services, Inc.

TBA = t-Butyl alcohol
MTBE = Methyl Tertiary Butyl Ether
DIPE = di-Isopropyl ether
ETBE = Ethyl t-butyl ether
TAME = t-Amyl methyl ether
(µg/L) = Micrograms per liter
-- = Not Analyzed

STANDARD OPERATING PROCEDURE –WELL DEVELOPMENT
GROUNDWATER SAMPLING

Gettler-Ryan Inc. (GR) field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. All work is performed in accordance with the GR Health & Safety Plan and all client-specific programs. The scope of work and type of analysis to be performed is determined prior to commencing field work.

Prior to well development, each well is monitored for the presence of free-phase hydrocarbons and the depth to water is recorded. Wells are then developed by alternately surging the well with the bailer, then purging the well with a pump to remove accumulated sediments and draw groundwater into the well. Development continues until the groundwater parameters (temperature, pH, and conductivity) have stabilized.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, all depth to water level measurements are collected with a static water level indicator and are also recorded in the field notes, prior to purging and sampling any wells.

After water levels are collected and prior to sampling, if purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, peristaltic or Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging (additional parameters such as dissolved oxygen, oxidation reduction potential, turbidity may also be measured, depending on specific scope of work.). Purging continues until these parameters stabilize.

Groundwater samples are collected using disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards, as directed by the scope of work. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

As requested by Chevron Environmental Management Company, the purge water and decontamination water generated during sampling activities is transported by Clean Harbors Environmental Services to Evergreen Oil located in Newark, California.

CHEVRON SERVICE STATION #9-0504
San Lorenzo, CA

WELL DEVELOPMENT OF
March 20, 2012

GETTLER-RYAN INC.

WELL MONITORING/DEVELOPMENT
FIELD DATA SHEET

Client/Facility#: **Chevron #9-0504** Job Number: **385259**
Site Address: **15900 Hesperian Blvd.** Event Date: 3/20/12 (inclusive)
City: **San Lorenzo, CA** Sampler: GM

Well ID C-4 Date Monitored: 3/20/12
Well Diameter 2 in.
Initial Total Depth 19.88 ft.
Final Total Depth 19.99 ft.
Depth to Water 11.22 ft. ☐ Check if water column is less then 0.50 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

8.66 xVF 0.38 = 3.29 x10 case volume = Estimated Purge Volume: 33 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 21.61

Purge Equipment:
Disposable Bailer
Stainless Steel Bailer x
Stack Pump x
Suction Pump
Grundfos
Peristaltic Pump
QED Bladder Pump
Other:

Sampling Equipment:
Disposable Bailer
Pressure Bailer
Metal Filters
Peristaltic Pump
QED Bladder Pump
Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge): 1735 Weather Conditions: SUNNY
Sample Time/Date: — / — Water Color: BROWN Odor: Y / (N)
Approx. Flow Rate: ≥1 gpm. Sediment Description: SAND
Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: —

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (US))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
1740	3.5	7.17	481	19.6		
1745	7	7.15	485	19.5		
1750	10.5	7.14	495	19.9		
1756	14	7.14	495	19.9		
1801	17.5	7.13	495	19.8		
1805	21	7.14	495	19.9		
1811	24.5	7.12	508	20.2		
1820	28	7.12	507	20.2		
1828	31	7.11	507	20.2		
1836	33	7.12	508	20.4		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES

COMMENTS: INITIAL CGI READING: 0.0
DEVELOP ONLY

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____

GETTLER-RYAN INC.

WELL MONITORING/DEVELOPMENT FIELD DATA SHEET

Client/Facility#: Chevron #9-0504 Job Number: 385259
Site Address: 15900 Hesperian Blvd. Event Date: 3/20/12 (inclusive)
City: San Lorenzo, CA Sampler: GM

Well ID C-5 Date Monitored: 3/20/12
Well Diameter 3 in.
Initial Total Depth 18.77 ft.
Final Total Depth 20.00 ft.
Depth to Water 10.61 ft. ☐ Check if water column is less then 0.50 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

8.16 xVF 0.38 = 3.10 x10 case volume = Estimated Purge Volume: 31 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.74

Purge Equipment:
Disposable Bailer
Stainless Steel Bailer X
Stack Pump X
Suction Pump
Grundfos
Peristaltic Pump
QED Bladder Pump
Other:

Sampling Equipment:
Disposable Bailer
Pressure Bailer
Metal Filters
Peristaltic Pump
QED Bladder Pump
Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge): 1610 Weather Conditions: SUNNY
Sample Time/Date: — / — Water Color: BROWN Odor: Y / (N)
Approx. Flow Rate: ≥1 gpm. Sediment Description: SAND
Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: —

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (MS))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
1615	3	7.30	457	19.8		
1620	6	7.28	457	19.7		
1625	9	7.28	456	19.5		
1632	12	7.22	456	19.8		
1640	15	7.22	456	19.9		
1646	18	7.21	456	20.1		
1652	21	7.20	455	20.2		
1659	24	7.20	454	20.2		
1710	27	7.21	454	20.3		
1721	31	7.21	452	20.3		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES

COMMENTS: INITIAL CGI READING: 0.0
DEVELOP ONLY

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____

GETTLER-RYAN INC.

WELL MONITORING/DEVELOPMENT FIELD DATA SHEET

Client/Facility#: Chevron #9-0504 | Job Number: 385259
Site Address: 15900 Hesperian Blvd. | Event Date: 3/20/12 (inclusive)
City: San Lorenzo, CA | Sampler: GM

Well ID: C-6 | Date Monitored: 3/20/12
Well Diameter: 2 in.
Initial Total Depth: 23.81 ft.
Final Total Depth: 24.98 ft.
Depth to Water: 12.55 ft. ☐ Check if water column is less then 0.50 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

11.26 xVF 0.17 = 1.91 x10 case volume = Estimated Purge Volume: 20 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____

Purge Equipment:
Disposable Bailer
Stainless Steel Bailer X
Stack Pump X
Suction Pump
Grundfos
Peristaltic Pump
QED Bladder Pump
Other: _____

Sampling Equipment:
Disposable Bailer
Pressure Bailer
Metal Filters
Peristaltic Pump
QED Bladder Pump
Other: _____

Time Started: _____ (2400 hrs)
Time Completed: _____ (2400 hrs)
Depth to Product: _____ ft
Depth to Water: _____ ft
Hydrocarbon Thickness: _____ ft
Visual Confirmation/Description: _____
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: _____ gal
Amt Removed from Well: _____ gal
Water Removed: _____

Start Time (purge): 1340 | Weather Conditions: SUNNY
Sample Time/Date: — / — | Water Color: TAN | Odor: Y / (N)
Approx. Flow Rate: 2.1 gpm. | Sediment Description: SAND
Did well de-water? — If yes, Time: — Volume: — gal. DTW @ Sampling: —

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1345	2	7.14	580	19.0		
1350	4	7.12	585	19.0		
1355	6	7.12	588	19.0		
1359	8	7.10	588	19.2		
1405	10	7.11	591	19.2		
1411	12	7.11	590	19.3		
1416	14	7.10	592	19.4		
1421	16	7.10	594	19.4		
1430	18	7.09	595	19.5		
1440	20	7.10	595	19.4		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES

COMMENTS: INITIAL CGI READING: 0.0
DEVELOP ONLY
EXTRA 10g DUE TO HEAVY SILT. WHEN I WAS TOLD GET 1X CASE VOLUME AND MOVE ON.

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____

C-6 Chevron # 9-0504
15900 Hesperian Blvd. San Lorenzo

3/20/12

TIME	VOL	PH	COND. (µS)	TEMP (C)
1450	22	7.11	~~599~~	19.5
1515	24	7.11	605	19.6
1525	26	7.10	604	19.4
1535	28	7.09	605	19.6
1550	30	7.12	606	20.1

GETTLER-RYAN INC.

WELL MONITORING/DEVELOPMENT FIELD DATA SHEET

Client/Facility#: **Chevron #9-0504** Job Number: **385259**
Site Address: **15900 Hesperian Blvd.** Event Date: 3/20/12 (inclusive)
City: **San Lorenzo, CA** Sampler: GM

Well ID C-9 Date Monitored: 3/20/12
Well Diameter 2 in.
Initial Total Depth 24.71 ft.
Final Total Depth 24.71 ft.
Depth to Water 10.04 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

14.69 xVF 0.17 = 0.79 x10 case volume = Estimated Purge Volume: 8 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.97

Purge Equipment:
Disposable Bailer
Stainless Steel Bailer x
Stack Pump x
Suction Pump
Grundfos
Peristaltic Pump
QED Bladder Pump
Other:

Sampling Equipment:
Disposable Bailer
Pressure Bailer
Metal Filters
Peristaltic Pump
QED Bladder Pump
Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge): 1155 Weather Conditions: Sunny
Sample Time/Date: — / — Water Color: CLEAR Odor: Y / (N)
Approx. Flow Rate: / gpm. Sediment Description: NONE
Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: —

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (µS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1158	.75	7.21	219	19.0		
1201	1.5	7.20	226	19.0		
1204	2.25	7.21	235	19.0		
1207	3	7.19	243	19.0		
1210	3.75	7.18	258	19.2		
1212	4.5	7.18	269	19.2		
1214	5.25	7.18	281	19.3		
1218	6	7.19	293	19.2		
1219	6.75	7.21	326	19.4		
1220	8	7.19	330	19.5		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES

COMMENTS: INITIAL CGI READING: 0.0
DEVELOP ONLY
PURGED EXTRA 8g TO CLEAR SILT.

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____

C-9

Chevron #4-0504
15900 Hesperian Blvd.
San Lorenzo

03/20/12

TIME	VOL	PH	COND. (µS)	TEMP (C)
1221	9	7.19	333	19.5
1222	10	7.20	334	19.6
1223	11	7.20	334	19.6
1224	12	7.21	336	19.5
1225	13	7.21	335	19.5
1226	14	7.19	335	19.6
1227	15	7.19	334	19.7
1228	16	7.20	336	19.7

GETTLER-RYAN INC.

WELL MONITORING/DEVELOPMENT FIELD DATA SHEET

Client/Facility#: Chevron #9-0504 | Job Number: 385259
Site Address: 15900 Hesperian Blvd. | Event Date: 3/20/12 (inclusive)
City: San Lorenzo, CA | Sampler: GM

Well ID C-10 | Date Monitored: 3/20/12
Well Diameter 2 in.
Initial Total Depth 24.34 ft.
Final Total Depth 24.66 ft.
Depth to Water 8.02 ft. ☐ Check if water column is less then 0.50 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

16.32 xVF 0.17 = 2.77 x10 case volume = Estimated Purge Volume: 28 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.28

Purge Equipment:
Disposable Bailer
Stainless Steel Bailer X
Stack Pump X
Suction Pump
Grundfos
Peristaltic Pump
QED Bladder Pump
Other:

Sampling Equipment:
Disposable Bailer
Pressure Bailer
Metal Filters
Peristaltic Pump
QED Bladder Pump
Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge): 1245 | Weather Conditions: Sunny
Sample Time/Date: — / — | Water Color: Clear | Odor: Y / (N)
Approx. Flow Rate: / gpm. | Sediment Description: None
Did well de-water? No | If yes, Time: — | Volume: — gal. | DTW @ Sampling: —

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (µS))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
1250	3	7.29	535	21.3		
1255	6	7.26	536	21.2		
1258	9	7.23	539	21.0		
1301	12	7.23	541	21.0		
1304	15	7.23	541	21.0		
1307	18	7.22	544	21.0		
1310	21	7.21	543	19.9		
1313	24	7.21	543	19.8		
1316	27	7.22	544	19.9		
1319	30	7.20	544	19.7		
1322	33	7.21	545	19.7		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES

COMMENTS: INITIAL CGI READING: 0.0
DEVELOP ONLY
PURGED EXTRA 5g TO CLEAR SILT.

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____

GETTLER-RYAN INC.

WELL MONITORING/DEVELOPMENT FIELD DATA SHEET

Client/Facility#: **Chevron #9-0504** Job Number: **385259**
Site Address: **15900 Hesperian Blvd.** Event Date: 3/20/12 (inclusive)
City: **San Lorenzo, CA** Sampler: GM

Well ID C-11 Date Monitored: 3/20/12
Well Diameter 2 in.
Initial Total Depth 24.74 ft.
Final Total Depth 24.74 ft.
Depth to Water 8.16 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

16.58 xVF 0.17 = 2.82 x10 case volume = Estimated Purge Volume: 29 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.48

Purge Equipment:
Disposable Bailer
Stainless Steel Bailer X
Stack Pump X
Suction Pump
Grundfos
Peristaltic Pump
QED Bladder Pump
Other:

Sampling Equipment:
Disposable Bailer
Pressure Bailer
Metal Filters
Peristaltic Pump
QED Bladder Pump
Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge): 1100 Weather Conditions: SUNNY
Sample Time/Date: - / - Water Color: CLEAR Odor: Y / (N)
Approx. Flow Rate: 1-2 gpm. Sediment Description: NONE
Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: —

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (µS))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
1105	3	7.41	550	19.8		
1110	6	7.33	543	19.6		
1112	9	7.31	536	19.5		
1114	12	7.29	524	19.6		
1117	15	7.29	526	19.6		
1120	18	7.30	526	19.6		
1123	21	7.28	528	19.4		
1126	24	7.28	529	19.4		
1129	27	7.29	531	19.5		
1131	29	7.31	530	19.4		

CONT ON BACK

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES

COMMENTS: INITIAL CGI READING: 0.0
DEVELOP ONLY
PURGED EXTRA 10 g TO CLEAR SILT.

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____

C-11 Creek at 15900 Hesperian Blvd. San Lorenzo 03/20/12

TIME	VOL.	PH	COND(µS)	TEMP(c)
1134	32	7.30	530	19.4
1137	35	7.29	528	19.5
1141	39	7.31	529	19.5

CHEVRON SERVICE STATION #9-0504
San Lorenzo, CA

QUARTERLY MONITORING & SAMPLING EVENT
Of March 23, 2012

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0504 Job Number: 385259
Site Address: 15900 Hesperian Blvd. Event Date: 3/23/12 (inclusive)
City: San Lorenzo, CA Sampler: GM

Well ID C-1 Date Monitored: 3/23/12
Well Diameter 2 (3)
Total Depth 18.37 ft.
Depth to Water 9.34 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

9.03 xVF 0.38 = 3.43 x3 case volume = Estimated Purge Volume: 10.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.14

Purge Equipment:

Disposable Bailer	X
Stainless Steel Bailer	
Stack Pump	
Suction Pump	
Grundfos	
Peristaltic Pump	
QED Bladder Pump	
Other:	

Sampling Equipment:

Disposable Bailer	X
Pressure Bailer	
Metal Filters	
Peristaltic Pump	
QED Bladder Pump	
Other:	

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge): 1300 Weather Conditions: SUNNY
Sample Time/Date: 1335 / 3/23/12 Water Color: CLEAR Odor: Y / (N)
Approx. Flow Rate: — gpm. Sediment Description: SILT
Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 10.91

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1305	3.5	7.10	512	19.9		
1310	7	7.08	501	19.6		
1315	10.5	7.06	497	19.5		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-1	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	2 x 1 liter ambers	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN/TPH-DRO (8015)
	3 x 1 liter ambers	YES	NP	LANCASTER	TPH-MO w/sgc COLUMN/TPH-MO (8015)

COMMENTS:

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0504 | Job Number: 385259
Site Address: 15900 Hesperian Blvd. | Event Date: 3/23/12 (inclusive)
City: San Lorenzo, CA | Sampler: GM

Well ID C-2
Well Diameter 2 (3)
Total Depth 19.35 ft.
Depth to Water 9.71 ft.
9.64 xVF — = — x3 case volume = Estimated Purge Volume: — gal.
Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: —

Date Monitored: 3/23/12

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

Purge Equipment:
Disposable Bailer
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
Peristaltic Pump
QED Bladder Pump
Other:

Sampling Equipment:
Disposable Bailer
Pressure Bailer
Metal Filters
Peristaltic Pump
QED Bladder Pump
Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: 9.41 ft
Depth to Water: 9.71 ft
Hydrocarbon Thickness: 0.30 ft
Visual Confirmation/Description: LT BROWN
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge):
Sample Time/Date: /
Approx. Flow Rate: gpm.
Did well de-water? If yes, Time: Volume: gal
Weather Conditions:
Water Color: Odor: Y / N
Sediment Description:
DTW @ Sampling:

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature (C) F)	D.O. (mg/L)	ORP (mV)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-	x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	x 1 liter ambers	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN/TPH-DRO (8015)
	x 1 liter ambers	YES	NP	LANCASTER	TPH-MO w/sgc COLUMN/TPH-MO (8015)

COMMENTS: SPH PRESENT NO SAMPLE TAKEN
PICTURE TAKEN

Add/Replaced Lock: Add/Replaced Plug: Add/Replaced Bolt:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0504 Job Number: 385259
Site Address: 15900 Hesperian Blvd. Event Date: 3/23/12 (inclusive)
City: San Lorenzo, CA Sampler: GM

Well ID C-3 Date Monitored: 3/23/12
Well Diameter 2 (3)
Total Depth 19.42 ft.
Depth to Water 11.47 ft. ☐ Check if water column is less then 0.50 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

7.95 xVF 0.38 = 3.02 x3 case volume = Estimated Purge Volume: 9.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.06

Purge Equipment:
Disposable Bailer X
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
Peristaltic Pump
QED Bladder Pump
Other:

Sampling Equipment:
Disposable Bailer X
Pressure Bailer
Metal Filters
Peristaltic Pump
QED Bladder Pump
Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge): 1350 Weather Conditions: Sunny
Sample Time/Date: 1420 / 3/23/12 Water Color: Cloudy Odor: Y / (N)
Approx. Flow Rate: — gpm. Sediment Description: SILT
Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 12.84

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (µS))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
1355	3	7.16	487	19.0		
1402	6	7.12	482	18.7		
1405	9.5	7.09	480	18.7		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-3	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	2 x 1 liter ambers	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN/TPH-DRO (8015)
	3 x 1 liter ambers	YES	NP	LANCASTER	TPH-MO w/sgc COLUMN/TPH-MO (8015)

COMMENTS:

Add/Replaced Lock: — Add/Replaced Plug: — Add/Replaced Bolt:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0504 Job Number: 385259
Site Address: 15900 Hesperian Blvd. Event Date: 3/23/12 (inclusive)
City: San Lorenzo, CA Sampler: Gm

Well ID C-4 Date Monitored: 3/23/12
Well Diameter 2 (3)
Total Depth 19.91 ft.
Depth to Water 11.29 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

8.62 xVF 0.38 = 3.28 x3 case volume = Estimated Purge Volume: 10 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.01

Purge Equipment:
Disposable Bailer X
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
Peristaltic Pump
QED Bladder Pump
Other:

Sampling Equipment:
Disposable Bailer X
Pressure Bailer
Metal Filters
Peristaltic Pump
QED Bladder Pump
Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge): 1130 Weather Conditions: Sunny
Sample Time/Date: 1200 / 3/23/12 Water Color: Brown Odor: Y (N)
Approx. Flow Rate: ~ gpm. Sediment Description: Slt
Did well de-water? No If yes, Time: ~ Volume: ~ gal. DTW @ Sampling:

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (mS))	Temperature ((C) F)	D.O. (mg/L)	ORP (mV)
1135	3.5	6.83	558	20.4		
1140	7	6.79	549	20.2		
1145	10	6.78	545	20.1		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-4	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	2 x 1 liter ambers	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN/TPH-DRO (8015)
	3 x 1 liter ambers	YES	NP	LANCASTER	TPH-MO w/sgc COLUMN/TPH-MO (8015)

COMMENTS:

Add/Replaced Lock: Add/Replaced Plug: Add/Replaced Bolt:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #9-0504** Job Number: **385259**

Site Address: **15900 Hesperian Blvd.** Event Date: 3/23/12 (inclusive)

City: **San Lorenzo, CA** Sampler: GRM

Well ID C-5 Date Monitored: 3/23/12

Well Diameter 2 (3)

Total Depth 19.92 ft.

Depth to Water 10.67 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

9.25 xVF 0.38 = 3.52 x3 case volume = Estimated Purge Volume: 11 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.52

Purge Equipment:

Disposable Bailer	X
Stainless Steel Bailer	
Stack Pump	
Suction Pump	
Grundfos	
Peristaltic Pump	
QED Bladder Pump	
Other:	

Sampling Equipment:

Disposable Bailer	X
Pressure Bailer	
Metal Filters	
Peristaltic Pump	
QED Bladder Pump	
Other:	

Time Started: _____ (2400 hrs)
Time Completed: _____ (2400 hrs)
Depth to Product: _____ ft
Depth to Water: _____ ft
Hydrocarbon Thickness: _____ ft
Visual Confirmation/Description: _____
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: _____ gal
Amt Removed from Well: _____ gal
Water Removed: _____

Start Time (purge): 1215 Weather Conditions: SUNNY

Sample Time/Date: 1245 / 3/23/12 Water Color: BROWN Odor: Y / (N)

Approx. Flow Rate: — gpm. Sediment Description: SILT

Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 11.89

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (µS))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
1220	4	7.26	462	20.8		
1225	8	7.21	453	20.2		
1230	11	7.20	451	19.9		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-5	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	2 x 1 liter ambers	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN/TPH-DRO (8015)
	3 x 1 liter ambers	YES	NP	LANCASTER	TPH-MO w/sgc COLUMN/TPH-MO (8015)

COMMENTS: _____

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #9-0504** Job Number: **385259**

Site Address: **15900 Hesperian Blvd.** Event Date: 3/23/12 (inclusive)

City: **San Lorenzo, CA** Sampler: GM

Well ID C-6

Well Diameter (2) 3

Total Depth 24.90 ft.

Depth to Water 12.58 ft.

Date Monitored: 3/23/12

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

12.32 xVF 0.17 = 2.09 x3 case volume = Estimated Purge Volume: 6.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 15.04

Purge Equipment:

Disposable Bailer	X
Stainless Steel Bailer	
Stack Pump	
Suction Pump	
Grundfos	
Peristaltic Pump	
QED Bladder Pump	
Other:	

Sampling Equipment:

Disposable Bailer	X
Pressure Bailer	
Metal Filters	
Peristaltic Pump	
QED Bladder Pump	
Other:	

Time Started: (2400 hrs)

Time Completed: (2400 hrs)

Depth to Product: ft

Depth to Water: ft

Hydrocarbon Thickness: ft

Visual Confirmation/Description:

Skimmer / Absorbant Sock (circle one)

Amt Removed from Skimmer: gal

Amt Removed from Well: gal

Water Removed:

Start Time (purge): 1435 Weather Conditions: Sunny

Sample Time/Date: 1505 / 3/23/12 Water Color: TAN Odor: Y / (N)

Approx. Flow Rate: — gpm. Sediment Description: SILT

Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 14.96

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (µS))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
1439	2	7.15	604	19.3		
1443	4	7.12	593	19.0		
1448	6.5	7.09	591	19.0		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C- 6	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	2 x 1 liter ambers	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN/TPH-DRO (8015)
	3 x 1 liter ambers	YES	NP	LANCASTER	TPH-MO w/sgc COLUMN/TPH-MO (8015)

COMMENTS:

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #9-0504** Job Number: **385259**

Site Address: **15900 Hesperian Blvd.** Event Date: 3.23.12 (inclusive)

City: **San Lorenzo, CA** Sampler: FT

Well ID C-7 Date Monitored: 3.23.12

Well Diameter (2) 3

Total Depth 24.85 ft.

Depth to Water 8.90 ft. ☐ Check if water column is less then 0.50 ft.

15.95 xVF .17 = 2.71 x3 case volume = Estimated Purge Volume: 8.0 gal.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.09

Purge Equipment:

- Disposable Bailer ✓
- Stainless Steel Bailer
- Stack Pump
- Suction Pump
- Grundfos
- Peristaltic Pump
- QED Bladder Pump
- Other:

Sampling Equipment:

- Disposable Bailer ✓
- Pressure Bailer
- Metal Filters
- Peristaltic Pump
- QED Bladder Pump
- Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge): 1030 Weather Conditions: SUNNY

Sample Time/Date: 1100 / 3-23-12 Water Color: CLEAR Odor: Y / (N)

Approx. Flow Rate: — gpm. Sediment Description: NONE

Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 8.93

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
1036	2.5	7.36	530	17.5		
1042	5.0	7.33	536	17.8		
1049	8.0	7.30	541	18.0		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-7	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	2 x 1 liter ambers	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN/TPH-DRO (8015)
	3 x 1 liter ambers	YES	NP	LANCASTER	TPH-MO w/sgc COLUMN/TPH-MO (8015)

COMMENTS: CHLISTY (OK) BOX

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0504 Job Number: 385259
Site Address: 15900 Hesperian Blvd. Event Date: 3.23.12 (inclusive)
City: San Lorenzo, CA Sampler: FT

Well ID C-8 Date Monitored: 3.23.12
Well Diameter (2)/ 3
Total Depth 24.85 ft.
Depth to Water 10.19 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

14.66 xVF .17 = 2.49 x3 case volume = Estimated Purge Volume: 7.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.12

Purge Equipment:
Disposable Bailer ✓
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
Peristaltic Pump
QED Bladder Pump
Other:

Sampling Equipment:
Disposable Bailer ✓
Pressure Bailer
Metal Filters
Peristaltic Pump
QED Bladder Pump
Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge): 1130 Weather Conditions: SUNNY
Sample Time/Date: 1157 / 3-23-12 Water Color: CLEAR Odor: Y / (N)
Approx. Flow Rate: ✓ gpm. Sediment Description: NONE
Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 10.23

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
1136	2.5	7.34	519	17.6		
1142	5.0	7.31	525	17.8		
1147	7.0	7.29	530	18.0		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-8	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	2 x 1 liter ambers	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN/TPH-DRO (8015)
	3 x 1 liter ambers	YES	NP	LANCASTER	TPH-MO w/sgc COLUMN/TPH-MO (8015)

COMMENTS: CHRISTY BOX (OK)

Add/Replaced Lock: Add/Replaced Plug: Add/Replaced Bolt:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0504 Job Number: 385259
Site Address: 15900 Hesperian Blvd. Event Date: 3-23-12 (inclusive)
City: San Lorenzo, CA Sampler: FT

Well ID C-9 Date Monitored: 3.23.12
Well Diameter 2/3
Total Depth 24.70 ft.
Depth to Water 10.03 ft. ☐ Check if water column is less then 0.50 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

14.67 xVF .17 = 2.49 x3 case volume = Estimated Purge Volume: 7.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.96

Purge Equipment:		Sampling Equipment:	
Disposable Bailer	✓	Disposable Bailer	✓
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Suction Pump		Peristaltic Pump	
Grundfos		QED Bladder Pump	
Peristaltic Pump		Other:	
QED Bladder Pump			
Other:			

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge): 1300 Weather Conditions: SUNNY
Sample Time/Date: 1325 / 3.23.12 Water Color: LT. BRN. Odor: Y / (N)
Approx. Flow Rate: / gpm. Sediment Description: S. SILTY
Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 10.05

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1305	2.5	7.28	584	18.4		
1310	5.0	7.25	589	18.7		
1314	7.0	7.22	593	19.0		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-9	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	2 x 1 liter ambers	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN/TPH-DRO (8015)
	3 x 1 liter ambers	YES	NP	LANCASTER	TPH-MO w/sgc COLUMN/TPH-MO (8015)

COMMENTS: CHLISTY

Add/Replaced Lock: Add/Replaced Plug: Add/Replaced Bolt:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0504 Job Number: 385259
Site Address: 15900 Hesperian Blvd. Event Date: 3-23-12 (inclusive)
City: San Lorenzo, CA Sampler: FT

Well ID C-10 Date Monitored: 3-23-12
Well Diameter 2 in 3
Total Depth 24.65 ft.
Depth to Water 8.31 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

16.34 xVF .17 = 2.77 x3 case volume = Estimated Purge Volume: 8.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.57

Purge Equipment:
Disposable Bailer ✓
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
Peristaltic Pump
QED Bladder Pump
Other:

Sampling Equipment:
Disposable Bailer ✓
Pressure Bailer
Metal Filters
Peristaltic Pump
QED Bladder Pump
Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge): 1345 Weather Conditions: SUNNY
Sample Time/Date: 1412 / 3-23-12 Water Color: LT. BRN. Odor: Y / N
Approx. Flow Rate: ✓ gpm. Sediment Description: S. SILTY
Did well de-water? ND If yes, Time: Volume: gal. DTW @ Sampling: 8.29

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1350	2.5	7.32	622	19.7		
1355	5.0	7.30	626	19.9		
1402	8.0	7.27	631	20.2		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-10	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	2 x 1 liter ambers	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN/TPH-DRO (8015)
	3 x 1 liter ambers	YES	NP	LANCASTER	TPH-MO w/sgc COLUMN/TPH-MO (8015)

COMMENTS: EMCO 12" (1BF, 1SF)

Add/Replaced Lock: Add/Replaced Plug: Add/Replaced Bolt:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0504 Job Number: 385259
Site Address: 15900 Hesperian Blvd. Event Date: 3.23.12 (inclusive)
City: San Lorenzo, CA Sampler: FT

Well ID C-11 Date Monitored: 3.23.12
Well Diameter (2)/3
Total Depth 24.73 ft.
Depth to Water 8.21 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

16.52 xVF .17 = 2.80 x3 case volume = Estimated Purge Volume: 8.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.51

Purge Equipment:		Sampling Equipment:	
Disposable Bailer	✓	Disposable Bailer	✓
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Suction Pump		Peristaltic Pump	
Grundfos		QED Bladder Pump	
Peristaltic Pump		Other:	
QED Bladder Pump			
Other:			

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge): 1435 Weather Conditions: SUNNY
Sample Time/Date: 1505 / 3.23.12 Water Color: LT. BRN. Odor: Y / (N)
Approx. Flow Rate: ✓ gpm. Sediment Description: S. SILTY
Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 8.23

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
1441	2.5	7.33	627	19.8		
1447	5.0	7.30	631	20.1		
1454	8.0	7.27	636	20.5		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-11	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	2 x 1 liter ambers	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN/TPH-DRO (8015)
	3 x 1 liter ambers	YES	NP	LANCASTER	TPH-MO w/sgc COLUMN/TPH-MO (8015)

COMMENTS: CHUNKY

Add/Replaced Lock: ✓ Add/Replaced Plug: ✓ (2") Add/Replaced Bolt:

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories

1L AMBER
Ø32612-Ø6

For Lancaster Laboratories use only
Acct. #: 12099 Sample # 6594341-50 Group #: 020363

grp 1298110

CRA MTI Project #: 61H-1641

Facility #: SS#9-0504 G-R#385259 Global ID#T0600100302
Site Address: 15900 HESPERIAN BLVD., SAN LORENZO, CA
Chevron PM: MTI Lead Consultant: CRAKJ Kiernan
Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)
Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
Sampler: GM & PT

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water	Oil	Air	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates ____	Total Lead Method ____	Dissolved Lead Method ____	TPH - DRO w/sgc Column (8015)	TPH - MO (8015)	TPH - MO w/sgc Column
										H	H								
C-1	2/23/12	1335	X			W			11	X	X	X					X	X	X
C-3		1420	X						11	X	X	X					X	X	X
C-4		1200	X						11	X	X	X					X	X	X
C-5		1245	X						11	X	X	X					X	X	X
C-6		1505	X						11	X	X	X					X	X	X
C-7		1100	X						11	X	X	X					X	X	X
C-8		1157	X						11	X	X	X					X	X	X
C-9		1325	X						11	X	X	X					X	X	X
C-10		1412	X						11	X	X	X					X	X	X
C-11		1505	X						11	X	X	X					X	X	X

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 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

Comments / Remarks

ANALYZE THE MO SAMPLES FROM C-4 FIRST. DO NOT RUN THE OTHER MO SAMPLES, PENDING THE RESULTS FOR C-4. CONTACT JAMES KIERNAN AT CRA WITH RESULTS FOR C-4 BEFORE PROCEEDING

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

	Date	Time		Date	Time
Relinquished by:	3/26/12	1505	Received by:	26MAR12	1505
Relinquished by:	26 MAR12	1630	Received by: SOUTHWEST		
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:		
Temperature Upon Receipt 4°C			Custody Seals Intact? Yes No		

eurofins | Lancaster Laboratories

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

Analysis Report

ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

Chevron c/o CRA
Suite 107
10969 Trade Center Dr
Rancho Cordova CA 95670

April 06, 2012

Project: 90504

Submittal Date: 03/27/2012
Group Number: 1298110
PO Number: 90504
Release Number: MTI
State of Sample Origin: CA

Client Sample Description	Lancaster Labs (LLI) #
C-1-W-120323 Grab Water	6594341
C-3-W-120323 Grab Water	6594342
C-4-W-120323 Grab Water	6594343
C-5-W-120323 Grab Water	6594344
C-6-W-120323 Grab Water	6594345
C-7-W-120323 Grab Water	6594346
C-8-W-120323 Grab Water	6594347
C-9-W-120323 Grab Water	6594348
C-10-W-120323 Grab Water	6594349
C-11-W-120323 Grab Water	6594350

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO	Gettler-Ryan, Inc.	Attn: Rachelle Munoz
ELECTRONIC COPY TO	Chevron	Attn: Anna Avina
ELECTRONIC COPY TO	Chevron c/o CRA	Attn: Report Contact

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

Respectfully Submitted,

Jill M. Parker

Jill M. Parker
Senior Specialist

(717) 556-7262

eurofins | Lancaster Laboratories

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

Analysis Report

Sample Description: C-1-W-120323 Grab Water
Facility# 90504 Job# 385259 MTI# 61H-1641 GRD
15900 Hesperian-San Lorenzo T0600100302 C-1

LLI Sample # WW 6594341
LLI Group # 1298110
Account # 12099

Project Name: 90504

Collected: 03/23/2012 13:35 by GM

Submitted: 03/27/2012 19:10
Reported: 04/06/2012 18:05

Chevron c/o CRA
Suite 107
10969 Trade Center Dr
Rancho Cordova CA 95670

C-1-W

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	0.6	0.5	1
10943	Toluene	108-88-3	1	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	230	50	1
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	
02216	TPH-DRO water C10-C28 w/Si Gel	n.a.	73	50	1

The reverse surrogate, capric acid, is present at <1%.

General Sample Comments

State of California Lab Certification No. 2501
Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F120951AA	04/04/2012 07:37	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F120951AA	04/04/2012 07:37	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12088B07A	03/29/2012 16:34	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	12088B07A	03/29/2012 16:34	Laura M Krieger	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	120880022A	03/30/2012 22:42	Tracy A Cole	1
02216	TPH-DRO water C10-C28 w/Si Gel	SW-846 8015B	1	120880023A	04/04/2012 12:47	Tracy A Cole	1
11172	DRO by 8015 w/ Silica Gel Ext	SW-846 3510C	1	120880023A	03/29/2012 08:30	Kerrie A Freeburn	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	120880022A	03/29/2012 08:30	Kerrie A Freeburn	1

eurofins | Lancaster Laboratories

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

Analysis Report

Sample Description: C-3-W-120323 Grab Water
Facility# 90504 Job# 385259 MTI# 61H-1641 GRD
15900 Hesperian-San Lorenzo T0600100302 C-3

LLI Sample # WW 6594342
LLI Group # 1298110
Account # 12099

Project Name: 90504

Collected: 03/23/2012 14:20 by GM

Submitted: 03/27/2012 19:10
Reported: 04/06/2012 18:05

Chevron c/o CRA
Suite 107
10969 Trade Center Dr
Rancho Cordova CA 95670

C-3-W

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		ug/l	ug/l	
08269	TPH-DRO water C10-C28	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		ug/l	ug/l	
02216	TPH-DRO water C10-C28 w/Si Gel	n.a.	N.D.	50	1
	The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

State of California Lab Certification No. 2501
Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F120952AA	04/04/2012 08:09	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F120952AA	04/04/2012 08:09	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12088B07A	03/29/2012 17:00	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	12088B07A	03/29/2012 17:00	Laura M Krieger	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	120880022A	03/30/2012 23:04	Tracy A Cole	1
02216	TPH-DRO water C10-C28 w/Si Gel	SW-846 8015B	1	120880023A	04/04/2012 13:10	Tracy A Cole	1
11172	DRO by 8015 w/ Silica Gel Ext	SW-846 3510C	1	120880023A	03/29/2012 08:30	Kerrie A Freeburn	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	120880022A	03/29/2012 08:30	Kerrie A Freeburn	1

eurofins | Lancaster Laboratories

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

Analysis Report

Sample Description: C-4-W-120323 Grab Water
Facility# 90504 Job# 385259 MTI# 61H-1641 GRD
15900 Hesperian-San Lorenzo T0600100302 C-4

LLI Sample # WW 6594343
LLI Group # 1298110
Account # 12099

Project Name: 90504

Collected: 03/23/2012 12:00 by GM

Submitted: 03/27/2012 19:10
Reported: 04/06/2012 18:05

Chevron c/o CRA
Suite 107
10969 Trade Center Dr
Rancho Cordova CA 95670

C-4-W

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B modified**		**ug/l**	**ug/l**	
02500	Total TPH	n.a.	N.D.	39	1
02500	TPH Motor Oil C16-C36	n.a.	N.D.	39	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. The reverse surrogate, capric acid, is present at <1%.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	
02216	TPH-DRO water C10-C28 w/Si Gel	n.a.	N.D.	50	1
	The reverse surrogate, capric acid, is present at <1%.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B modified**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.	39	1
10006	Total TPH w/Si Gel	n.a.	N.D.	39	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

State of California Lab Certification No. 2501
Trip blank vials were not received by the laboratory for this sample group.

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

eurofins | Lancaster Laboratories

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

Analysis Report

Sample Description: C-4-W-120323 Grab Water
Facility# 90504 Job# 385259 MTI# 61H-1641 GRD
15900 Hesperian-San Lorenzo T0600100302 C-4

LLI Sample # WW 6594343
LLI Group # 1298110
Account # 12099

Project Name: 90504

Collected: 03/23/2012 12:00 by GM

Submitted: 03/27/2012 19:10
Reported: 04/06/2012 18:05

Chevron c/o CRA
Suite 107
10969 Trade Center Dr
Rancho Cordova CA 95670

C-4-W

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F120952AA	04/04/2012 09:14	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F120952AA	04/04/2012 09:14	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12088B07A	03/29/2012 17:25	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	12088B07A	03/29/2012 17:25	Laura M Krieger	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	120880022A	03/30/2012 23:27	Tracy A Cole	1
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	120880001A	03/28/2012 18:38	Heather E Williams	1
02216	TPH-DRO water C10-C28 w/Si Gel	SW-846 8015B	1	120880023A	04/04/2012 13:34	Tracy A Cole	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	120880002A	03/28/2012 20:14	Heather E Williams	1
11172	DRO by 8015 w/ Silica Gel Ext	SW-846 3510C	1	120880023A	03/29/2012 08:30	Kerrie A Freeburn	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	120880022A	03/29/2012 08:30	Kerrie A Freeburn	1
11191	TPH Fuels Waters Extraction	SW-846 3510C	1	120880001A	03/28/2012 08:15	Katheryne V Sponheimer	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	120880002A	03/28/2012 08:15	Katheryne V Sponheimer	1

eurofins | Lancaster Laboratories

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

Analysis Report

Sample Description: C-5-W-120323 Grab Water
Facility# 90504 Job# 385259 MTI# 61H-1641 GRD
15900 Hesperian-San Lorenzo T0600100302 C-5

LLI Sample # WW 6594344
LLI Group # 1298110
Account # 12099

Project Name: 90504

Collected: 03/23/2012 12:45 by GM

Submitted: 03/27/2012 19:10
Reported: 04/06/2012 18:05

Chevron c/o CRA
Suite 107
10969 Trade Center Dr
Rancho Cordova CA 95670

C-5-W

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	
02216	TPH-DRO water C10-C28 w/Si Gel	n.a.	N.D.	50	1

The reverse surrogate, capric acid, is present at <1%.

General Sample Comments

State of California Lab Certification No. 2501
Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F120952AA	04/04/2012 09:36	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F120952AA	04/04/2012 09:36	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12088B07A	03/29/2012 17:51	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	12088B07A	03/29/2012 17:51	Laura M Krieger	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	120880022A	03/30/2012 23:50	Tracy A Cole	1
02216	TPH-DRO water C10-C28 w/Si Gel	SW-846 8015B	1	120880023A	04/04/2012 13:57	Tracy A Cole	1
11172	DRO by 8015 w/ Silica Gel Ext	SW-846 3510C	1	120880023A	03/29/2012 08:30	Kerrie A Freeburn	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	120880022A	03/29/2012 08:30	Kerrie A Freeburn	1

eurofins | Lancaster Laboratories

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

Analysis Report

Sample Description: C-6-W-120323 Grab Water
Facility# 90504 Job# 385259 MTI# 61H-1641 GRD
15900 Hesperian-San Lorenzo T0600100302 C-6

LLI Sample # WW 6594345
LLI Group # 1298110
Account # 12099

Project Name: 90504

Collected: 03/23/2012 15:05 by GM

Submitted: 03/27/2012 19:10
Reported: 04/06/2012 18:05

Chevron c/o CRA
Suite 107
10969 Trade Center Dr
Rancho Cordova CA 95670

C-6-W

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	1	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		ug/l	ug/l	
08269	TPH-DRO water C10-C28	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		ug/l	ug/l	
02216	TPH-DRO water C10-C28 w/Si Gel	n.a.	N.D.	50	1
	The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

State of California Lab Certification No. 2501
Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F120952AA	04/04/2012 09:57	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F120952AA	04/04/2012 09:57	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12089A07A	03/30/2012 13:25	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12089A07A	03/30/2012 13:25	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	120880022A	03/31/2012 00:13	Tracy A Cole	1
02216	TPH-DRO water C10-C28 w/Si Gel	SW-846 8015B	1	120880023A	04/04/2012 14:20	Tracy A Cole	1
11172	DRO by 8015 w/ Silica Gel Ext	SW-846 3510C	1	120880023A	03/29/2012 08:30	Kerrie A Freeburn	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	120880022A	03/29/2012 08:30	Kerrie A Freeburn	1

eurofins | Lancaster Laboratories

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

Analysis Report

Sample Description: C-7-W-120323 Grab Water
Facility# 90504 Job# 385259 MTI# 61H-1641 GRD
15900 Hesperian-San Lorenzo T0600100302 C-7

LLI Sample # WW 6594346
LLI Group # 1298110
Account # 12099

Project Name: 90504

Collected: 03/23/2012 11:00 by GM

Submitted: 03/27/2012 19:10
Reported: 04/06/2012 18:05

Chevron c/o CRA
Suite 107
10969 Trade Center Dr
Rancho Cordova CA 95670

C-7-W

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	3	5
10943	Ethylbenzene	100-41-4	N.D.	3	5
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	3	5
10943	Toluene	108-88-3	N.D.	3	5
10943	Xylene (Total)	1330-20-7	N.D.	3	5
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	
02216	TPH-DRO water C10-C28 w/Si Gel	n.a.	N.D.	50	1
	The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

State of California Lab Certification No. 2501
Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F120952AA	04/04/2012 10:19	Anita M Dale	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F120952AA	04/04/2012 10:19	Anita M Dale	5
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12089A07A	03/31/2012 08:12	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12089A07A	03/31/2012 08:12	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	120880022A	03/31/2012 00:36	Tracy A Cole	1
02216	TPH-DRO water C10-C28 w/Si Gel	SW-846 8015B	1	120880023A	04/04/2012 14:43	Tracy A Cole	1
11172	DRO by 8015 w/ Silica Gel Ext	SW-846 3510C	1	120880023A	03/29/2012 08:30	Kerrie A Freeburn	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	120880022A	03/29/2012 08:30	Kerrie A Freeburn	1

eurofins | Lancaster Laboratories

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

Analysis Report

Sample Description: C-8-W-120323 Grab Water
Facility# 90504 Job# 385259 MTI# 61H-1641 GRD
15900 Hesperian-San Lorenzo T0600100302 C-8

LLI Sample # WW 6594347
LLI Group # 1298110
Account # 12099

Project Name: 90504

Collected: 03/23/2012 11:57 by GM

Submitted: 03/27/2012 19:10
Reported: 04/06/2012 18:05

Chevron c/o CRA
Suite 107
10969 Trade Center Dr
Rancho Cordova CA 95670

C-8-W

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	0.8	0.5	1
10943	Ethylbenzene	100-41-4	33	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	0.5	0.5	1
10943	Xylene (Total)	1330-20-7	5	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	8,900	1,300	25
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	2,900	50	1
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	
02216	TPH-DRO water C10-C28 w/Si Gel	n.a.	2,000	50	1
	The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

State of California Lab Certification No. 2501
Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F120952AA	04/04/2012 10:41	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F120952AA	04/04/2012 10:41	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12089A07A	03/30/2012 21:25	Marie D John	25
01146	GC VOA Water Prep	SW-846 5030B	1	12089A07A	03/30/2012 21:25	Marie D John	25
08269	TPH-DRO water C10-C28	SW-846 8015B	1	120880022A	03/31/2012 00:58	Tracy A Cole	1
02216	TPH-DRO water C10-C28 w/Si Gel	SW-846 8015B	1	120880023A	04/04/2012 15:06	Tracy A Cole	1
11172	DRO by 8015 w/ Silica Gel Ext	SW-846 3510C	1	120880023A	03/29/2012 08:30	Kerrie A Freeburn	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	120880022A	03/29/2012 08:30	Kerrie A Freeburn	1

eurofins | Lancaster Laboratories

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

Analysis Report

Sample Description: C-9-W-120323 Grab Water
Facility# 90504 Job# 385259 MTI# 61H-1641 GRD
15900 Hesperian-San Lorenzo T0600100302 C-9

LLI Sample # WW 6594348
LLI Group # 1298110
Account # 12099

Project Name: 90504

Collected: 03/23/2012 13:25 by GM

Submitted: 03/27/2012 19:10
Reported: 04/06/2012 18:05

Chevron c/o CRA
Suite 107
10969 Trade Center Dr
Rancho Cordova CA 95670

C-9-W

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	
02216	TPH-DRO water C10-C28 w/Si Gel	n.a.	N.D.	50	1
	The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

State of California Lab Certification No. 2501
Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F120952AA	04/04/2012 11:03	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F120952AA	04/04/2012 11:03	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12089A07A	03/30/2012 14:41	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12089A07A	03/30/2012 14:41	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	120880022A	03/31/2012 01:21	Tracy A Cole	1
02216	TPH-DRO water C10-C28 w/Si Gel	SW-846 8015B	1	120880023A	04/04/2012 15:29	Tracy A Cole	1
11172	DRO by 8015 w/ Silica Gel Ext	SW-846 3510C	1	120880023A	03/29/2012 08:30	Kerrie A Freeburn	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	120880022A	03/29/2012 08:30	Kerrie A Freeburn	1

eurofins | Lancaster Laboratories

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

Analysis Report

Sample Description: C-10-W-120323 Grab Water
Facility# 90504 Job# 385259 MTI# 61H-1641 GRD
15900 Hesperian-San Lorenzo T0600100302 C-10

LLI Sample # WW 6594349
LLI Group # 1298110
Account # 12099

Project Name: 90504

Collected: 03/23/2012 14:12 by GM

Submitted: 03/27/2012 19:10
Reported: 04/06/2012 18:05

Chevron c/o CRA
Suite 107
10969 Trade Center Dr
Rancho Cordova CA 95670

C10-W

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	
02216	TPH-DRO water C10-C28 w/Si Gel	n.a.	N.D.	50	1
	The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

State of California Lab Certification No. 2501
Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F120952AA	04/04/2012 12:08	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F120952AA	04/04/2012 12:08	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12089A07A	03/30/2012 15:06	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12089A07A	03/30/2012 15:06	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	120880022A	03/31/2012 01:44	Tracy A Cole	1
02216	TPH-DRO water C10-C28 w/Si Gel	SW-846 8015B	1	120880023A	04/04/2012 15:52	Tracy A Cole	1
11172	DRO by 8015 w/ Silica Gel Ext	SW-846 3510C	1	120880023A	03/29/2012 08:30	Kerrie A Freeburn	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	120880022A	03/29/2012 08:30	Kerrie A Freeburn	1

eurofins | 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

Sample Description: C-11-W-120323 Grab Water
Facility# 90504 Job# 385259 MTI# 61H-1641 GRD
15900 Hesperian-San Lorenzo T0600100302 C-11

LLI Sample # WW 6594350
LLI Group # 1298110
Account # 12099

Project Name: 90504

Collected: 03/23/2012 15:05 by GM

Submitted: 03/27/2012 19:10
Reported: 04/06/2012 18:05

Chevron c/o CRA
Suite 107
10969 Trade Center Dr
Rancho Cordova CA 95670

C11-W

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		ug/l	ug/l	
08269	TPH-DRO water C10-C28	n.a.	110	50	1
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		ug/l	ug/l	
02216	TPH-DRO water C10-C28 w/Si Gel	n.a.	N.D.	50	1
	The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

State of California Lab Certification No. 2501
Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F120952AA	04/04/2012 12:29	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F120952AA	04/04/2012 12:29	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12089A07A	03/30/2012 15:32	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12089A07A	03/30/2012 15:32	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	120880022A	03/31/2012 02:06	Tracy A Cole	1
02216	TPH-DRO water C10-C28 w/Si Gel	SW-846 8015B	1	120880023A	04/04/2012 16:15	Tracy A Cole	1
11172	DRO by 8015 w/ Silica Gel Ext	SW-846 3510C	1	120880023A	03/29/2012 08:30	Kerrie A Freeburn	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	120880022A	03/29/2012 08:30	Kerrie A Freeburn	1

Quality Control Summary

Client Name: Chevron c/o CRA
Reported: 04/06/12 at 06:05 PM

Group Number: 1298110

Matrix QC may not be reported if insufficient sample or 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.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: F120951AA	Sample number(s): 6594341							
Benzene	N.D.	0.5	ug/l	93		77-121		
Ethylbenzene	N.D.	0.5	ug/l	90		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	82		68-121		
Toluene	N.D.	0.5	ug/l	93		79-120		
Xylene (Total)	N.D.	0.5	ug/l	92		77-120		
Batch number: F120952AA	Sample number(s): 6594342-6594350							
Benzene	N.D.	0.5	ug/l	91		77-121		
Ethylbenzene	N.D.	0.5	ug/l	88		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	86		68-121		
Toluene	N.D.	0.5	ug/l	91		79-120		
Xylene (Total)	N.D.	0.5	ug/l	91		77-120		
Batch number: 12088B07A	Sample number(s): 6594341-6594344							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	118	118	75-135	0	30
Batch number: 12089A07A	Sample number(s): 6594345-6594350							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	109	109	75-135	0	30
Batch number: 120880001A	Sample number(s): 6594343							
Total TPH	N.D.	40.	ug/l	85	88	52-119	3	20
TPH Motor Oil C16-C36	N.D.	40.	ug/l					
Batch number: 120880022A	Sample number(s): 6594341-6594350							
TPH-DRO water C10-C28	N.D.	32.	ug/l	94	94	56-122	0	20
Batch number: 120880002A	Sample number(s): 6594343							
Motor Oil C16-C36 w/Si Gel	N.D.	40.	ug/l					
Total TPH w/Si Gel	N.D.	40.	ug/l	68	74	50-129	9	20
Batch number: 120880023A	Sample number(s): 6594341-6594350							
TPH-DRO water C10-C28 w/Si Gel	N.D.	32.	ug/l	57	69	50-124	19	20

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: F120951AA	Sample number(s): 6594341 UNSPK: 6594341								

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

Quality Control Summary

Client Name: Chevron c/o CRA
Reported: 04/06/12 at 06:05 PM

Group Number: 1298110

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Benzene	97	96	72-134	1	30				
Ethylbenzene	94	91	71-134	2	30				
Methyl Tertiary Butyl Ether	83	84	72-126	1	30				
Toluene	98	95	80-125	4	30				
Xylene (Total)	96	93	79-125	2	30				
Batch number: F120952AA	Sample number(s): 6594342-6594350 UNSPK: 6594342								
Benzene	96	97	72-134	1	30				
Ethylbenzene	92	93	71-134	1	30				
Methyl Tertiary Butyl Ether	85	87	72-126	2	30				
Toluene	97	98	80-125	1	30				
Xylene (Total)	95	95	79-125	1	30				

Surrogate Quality Control

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

Analysis Name: UST VOCs by 8260B - Water
Batch number: F120951AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6594341	90	100	98	89
Blank	91	99	97	90
LCS	91	102	97	92
MS	90	102	98	91
MSD	90	102	97	92
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: F120952AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6594342	90	100	97	88
6594343	89	100	96	88
6594344	90	102	97	88
6594345	90	102	96	88
6594346	89	101	96	88
6594347	86	96	103	110
6594348	92	100	97	88
6594349	90	103	96	89
6594350	90	101	97	88
Blank	90	100	97	88
LCS	90	101	95	90
MS	89	100	96	91
MSD	91	103	96	90
Limits:	80-116	77-113	80-113	78-113

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

Quality Control Summary

Client Name: Chevron c/o CRA
Reported: 04/06/12 at 06:05 PM

Group Number: 1298110

Surrogate Quality Control

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 12088B07A

	Trifluorotoluene-F
6594341	81
6594342	86
6594343	81
6594344	84
Blank	81
LCS	94
LCSD	96
Limits:	63-135

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 12089A07A

	Trifluorotoluene-F
6594345	83
6594346	90
6594347	98
6594348	77
6594349	80
6594350	78
Blank	83
LCS	95
LCSD	92
Limits:	63-135

Analysis Name: TPH Fuels by GC (Waters)
Batch number: 120880001A

	Chlorobenzene	Orthoterphenyl
6594343	81	87
Blank	83	92
LCS	82	93
LCSD	84	94
Limits:	28-152	52-131

Analysis Name: TPH Fuels water w/Si Gel
Batch number: 120880002A

	Chlorobenzene	Orthoterphenyl
6594343	60	70
Blank	56	84
LCS	50	76
LCSD	65	80
Limits:	28-152	52-131

Analysis Name: TPH-DRO water C10-C28
Batch number: 120880022A

	Orthoterphenyl
6594341	92

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

Quality Control Summary

Client Name: Chevron c/o CRA
Reported: 04/06/12 at 06:05 PM

Group Number: 1298110

Surrogate Quality Control

6594342	92
6594343	81
6594344	88
6594345	90
6594346	95
6594347	90
6594348	93
6594349	89
6594350	90
Blank	95
LCS	108
LCSD	103
Limits:	50-154

Analysis Name: TPH-DRO water C10-C28 w/Si Gel
Batch number: 120880023A

	Orthoterphenyl
6594341	54
6594342	67
6594343	69
6594344	82
6594345	70
6594346	70
6594347	67
6594348	61
6594349	52
6594350	71
Blank	65
LCS	63
LCSD	77
Limits:	50-154

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

eurofins | Lancaster Laboratories

Explanation of Symbols and Abbreviations

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

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

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

> greater than

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

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

U.S. EPA CLP 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
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 sample 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 meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

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.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as "analyze immediately" are not performed within 15 minutes.