Chevron

Olivia Skance
Team Lead
Marketing Business Unit

Chevron Environmental Management Company
6101 Bollinger Canyon Road
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October 11, 2011

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

Re: Chevron Facility # 9-8139

Address: 16304 Foothill Boulevard, San Leandro, California

I have reviewed the attached report titled *2011 Annual Groundwater Monitoring Report and Requested Additional Information* and dated October 11, 2011.

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,

Liv Ska

Olivia Skance
Project Manager

Enclosure: Report

CONESTOGA-ROVERS
& ASSOCIATES

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

October 11, 2011 Reference No. 611971

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

Re: 2011 Annual Groundwater Monitoring Report and
Requested Additional Information
Chevron Station 9-8139
16304 Foothill Boulevard
San Leandro, California
LOP Case #RO0000368

Dear Mr. Detterman:

Conestoga-Rovers & Associates (CRA) has prepared this *2011 Annual Groundwater Monitoring Report and Requested Additional Information* for the site referenced above (Figure 1) on behalf of Chevron Environmental Management Company (Chevron). CRA had previously submitted the December 17, 2010 *Case Closure Request*, in which closure was requested based on low-risk conditions. However, in a letter dated July 22, 2011 (Attachment A), Alameda County Environmental Health (ACEH) requested additional groundwater monitoring and site information (updated well survey and trend graphs) (Technical Comments 1-3). The groundwater monitoring results and the additional requested information are presented below.

THIRD QUARTER 2011 GROUNDWATER MONITORING RESULTS

As requested by ACEH in Technical Comment 2, of the July 22, 2011 letter, all the remaining site wells (MW-8 through MW-14, E-2, and E-3) were sampled during third quarter 2011. Groundwater monitoring and sampling was performed by Gettler-Ryan Inc. (G-R) of Dublin, California. A copy of G-R's August 31, 2011 *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. A copy of the laboratory analytical report is also included in Attachment B. Wells MW-9, MW-10, MW-11, and MW-13 had not been sampled for at least several events; therefore, these wells were redeveloped prior to sampling. The attached Figure 2 (Concentration Map) presents the analytical results along with a rose diagram. The results of the current event are summarized below. Please note that in the attached G-R report, the data for E-2 and E-3 is reversed due to incorrect labeling of the wells.

The groundwater analytical results are presented in the table below.

GROUNDWATER ANALYTICAL RESULTS – 8/5/11

Well ID	*TPHg (µg/L)*	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Total Xylenes (µg/L)*	*MTBE (µg/L)*	*TBA (µg/L)*
MW-8[1]	290	<0.5	<0.5	<0.5	<0.5	1,400	<2
MW-9[2]	<50	<0.5	<0.5	<0.5	<0.5	10	<2
MW-10	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2
MW-11	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2
MW-12	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2
MW-13[3]	330	<0.5	<0.5	<0.5	<0.5	1,700	<2
MW-14	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2
E-2	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2
E-3	<50	<0.5	<0.5	<0.5	<0.5	0.8	<2
ESL*	100	1.0	40	30	20	5.0	12

Notes:

µg/L Micrograms per liter
< Indicates constituent was not detected at or above stated laboratory reporting limit
1 TAME detected at 220 µg/L
2 TAME detected at 1 µg/L
3 TAME detected at 260 µg/L
* Groundwater Environmental Screening Level-RWQCB May 2008

The detected petroleum hydrocarbon concentrations in the site wells generally were less than those detected during the previous event. Total petroleum hydrocarbons as gasoline (TPHg) were not detected in onsite wells E-2 or E-3 after having been detected consistently for at least 10 years. Benzene also was not detected in E-2 or E-3, and has not been detected for at least several events. Methyl tertiary butyl ether (MTBE) was not detected in E-2 and has not been detected since 2007. MTBE was detected in E-3 at only 0.8 micrograms per liter (µg/L); significantly less than that during the previous event and the historic low in this well. The MTBE concentrations in E-3 continue to decrease.

With regards to the offsite wells (MW-8 through MW-14), TPHg was only detected in MW-8 and MW-13 (up to 330 µg/L). The TPHg concentration in MW-8 has again decreased following a slight increase beginning in 2008. TPHg generally has not been detected in MW-13. Benzene was not detected in any of the offsite wells, has not been detected since at least 2001, and has never been detected in MW-12, MW-13, or MW-14. MTBE was detected in MW-8 at 1,400 µg/L; significantly less than that during the previous event. As with TPHg, the MTBE concentrations in MW-8 appear to have resumed decreasing after an increase beginning in 2008. Only 10 µg/L MTBE was detected in MW-9; concentrations in this well continue to decrease overall. MTBE

was detected in MW-13 at 1,700 µg/L, an increase from the concentration detected the last time this well was sampled in 2005 (470 µg/L), and also the historic maximum in this well. MTBE was not detected in MW-14 following an increase in concentrations beginning in 2008. MTBE was also not detected in MW-10, MW-11, and MW-12 during the current event, and has never been detected in these wells.

Tertiary butyl alcohol (TBA) was not detected in any of the wells during the current event. TBA has periodically been detected in MW-8, but was not detected following an increase (up to 840 µg/L) during the previous two events. TBA has generally been detected in E-3, but concentrations have steadily decreased. TBA has never been detected in MW-9, MW-10, MW-11, MW-12, or MW-13; and has only been detected in MW-14 and E-2 on one occasion each. Tertiary amyl methyl ether (TAME) (up to 260 µg/L) was also detected in a few of the wells (MW-8, MW-9, and MW-13); the TAME concentrations are also generally decreasing.

UPDATED WELL SURVEY

In Technical Comment 1 of the July 22, 2011 letter, ACEH requested an updated well survey. To identify any water-supply wells within a 2,000-foot radius of the site, CRA reviewed available information on known wells provided by the California Department of Water Resources (DWR) and Alameda County Public Works Agency (ACPWA). Four irrigation wells were identified within the search radius. One was located approximately 2,000 feet north-northwest (crossgradient) of the site; however, the facility where this well was located no longer appears present. One was located approximately 2,000 feet south-southwest (crossgradient) of the site. Two were identified downgradient (southwest), approximately 750 feet and 1,200 feet from the site. However, these wells reportedly were installed in 1915 and 1934, and based on the fact that the local water supply is provided by East Bay Municipal Utility District (EBMUD), the wells likely are no longer in use. A table summarizing the well survey results and a figure showing the approximate well locations are included as Attachment C.

UPDATED TREND GRAPHS

In Technical Comment 3 of the July 22, 2011 letter, ACEH requested updated concentration trend graphs including updated estimates of the time for the contaminants of concern (COCs) (TPHg and/or MTBE) to reach the respective Environmental Screening Levels (ESLs); TBA was also to be included in this analysis. Updated concentration versus time graphs for MW-8, MW-14, E-2, and E-3 are included as Attachment D; please note that only the MTBE results obtained using EPA Method 8260 are presented and non-detect results are plotted using one-half the laboratory reporting limit. Also, as TBA has only been detected in MW-14 and E-2

during one event, it was not plotted on the respective graphs. The updated degradation trend graphs and time to reach ESL estimates incorporating the recent data are also included in Attachment D.

As shown on the graphs, declining trends remain evident in the wells. The table below summarizes the predicted time for the COCs in each well to reach the respective ESLs based on the degradation rate. Regarding TBA in MW-8, MTBE in MW-14, TPHg in E-2, and TPHg, MTBE, and TBA in E-3, these constituents have already reached the ESLs, as they were not detected during the current event or were detected at a concentration below the ESL. However, concentrations have fluctuated so the trend graphs for these constituents were included to show that even if concentrations fluctuate back up, the ESLs should still be reached shortly thereafter. Regarding TPHg in MW-8, the trend line indicates it has already reached the ESL; in reality, it remains slightly above the ESL, but is expected to reach the ESL within a short period of time.

SUMMARY OF DEGRADATION CALCULATIONS

Well	*COC*	*ESL (µg/L)*	*Estimated Date to Reach ESL*
MW-8	TPHg	100	September 2011
	MTBE	5	October 2030
	TBA	12	August 2005
MW-14	MTBE	5	September 2011
E-2	TPHg	100	June 2013
E-3	TPHg	100	June 2011
	MTBE	5	April 2011
	TBA	12	June 2009

As shown above, the COC concentrations in the wells are expected to reach the ESLs by 2030 at the latest, which is a reasonable amount of time given the municipal water supply.

CONCLUSIONS AND RECOMMENDATIONS

Based on the current analytical results, groundwater beneath the site in the area of wells E-2 and E-3 downgradient of the former and existing underground storage tanks (USTs) is only slightly impacted. Concentrations in these wells have significantly decreased and only 0.8 µg/L MTBE remains in E-2; other petroleum hydrocarbons were not detected. TPHg only remains in two of the offsite wells (MW-8 and MW-13), and only at low concentrations. MTBE was detected in MW-8 at 1,400 µg/L, but was not detected in MW-12 or MW-14. The TPHg and MTBE concentrations in MW-8 have again decreased and these constituents were not detected in

MW-14, following increases in these wells beginning in 2008. MTBE was detected in MW-13 at 1,700 µg/L; an increase from the concentration detected the last time this well was sampled in 2005, and also the historic maximum in this well. Due to the time between sampling events, an evaluation of recent trends in MW-13 is not possible; however, MTBE concentrations have increased since 2004. CRA concludes that the extent of hydrocarbons in groundwater has been adequately defined to the extent possible, as Interstate 580 is located downgradient of Foothill Boulevard.

The well survey identified four irrigation wells within 2,000 feet of the site; however, only two were located in the downgradient direction. Based on the current municipal water supply and the date of installation of these wells, they likely are no longer in use. Regardless, based on the distance from the site, it is unlikely these wells, if present, would be impacted.

As shown on the trend graphs, concentrations are declining in the site wells. In MW-13, an evaluation of recent trends is not possible, but MTBE concentrations have increased since 2004, prior to which it was not detected. Therefore, CRA recommends at least one additional groundwater monitoring event to evaluate any trends in MW-13 and confirm decreased concentrations in the remaining wells. However, further sampling of MW-9, MW-10, MW-11, and MW-12 does not appear warranted. As proposed by ACEH, the events will be performed semi-annually. Based on the site conditions and analytical results, the site remains a good candidate for low-risk case closure. If the additional event(s) indicate no significant increases in concentrations, we plan to again recommend case closure.

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

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

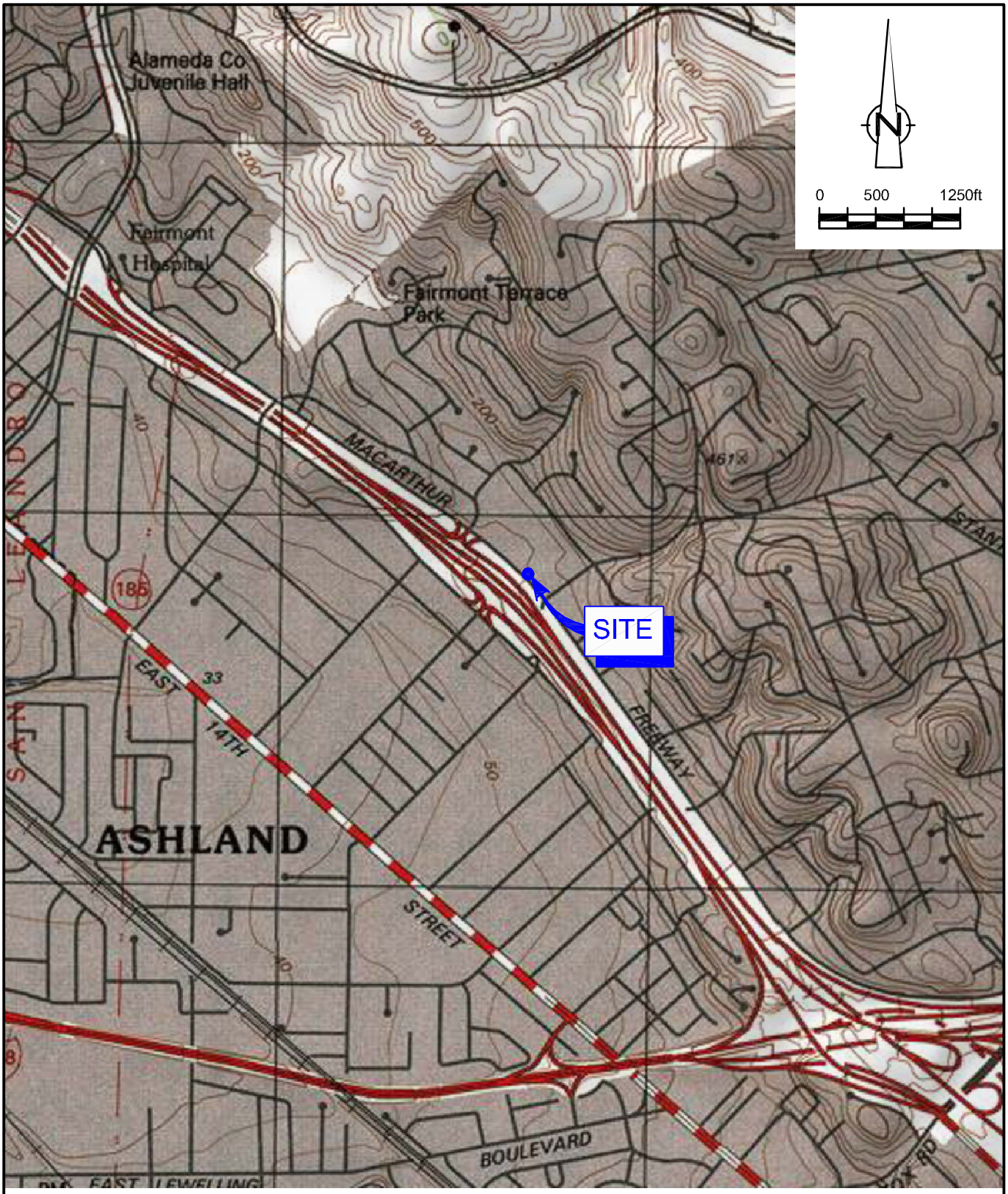
James P. Kiernan, P.E.

JK/cm/13
Encl.

Figure 1	Vicinity Map
Figure 2	Concentration Map – August 5, 2011
Attachment A	ACEH Letter Dated July 22, 2011
Attachment B	Groundwater Monitoring and Sampling Report
Attachment C	Well Survey Results
Attachment D	Updated Concentration vs. Time Graphs and Trend Calculations

cc: Ms. Olivia Skance, Chevron (*electronic copy*)
Mr. Harv Dhaliwal, G&S Associates, Inc.

FIGURES



SOURCE: TOPO! MAPS.

figure 1

VICINITY MAP
CHEVRON SERVICE STATION 9-8139
16304 FOOTHILL BOULEVARD
San Leandro, California

611971-199(013)GN-WA001 OCT 05/2011

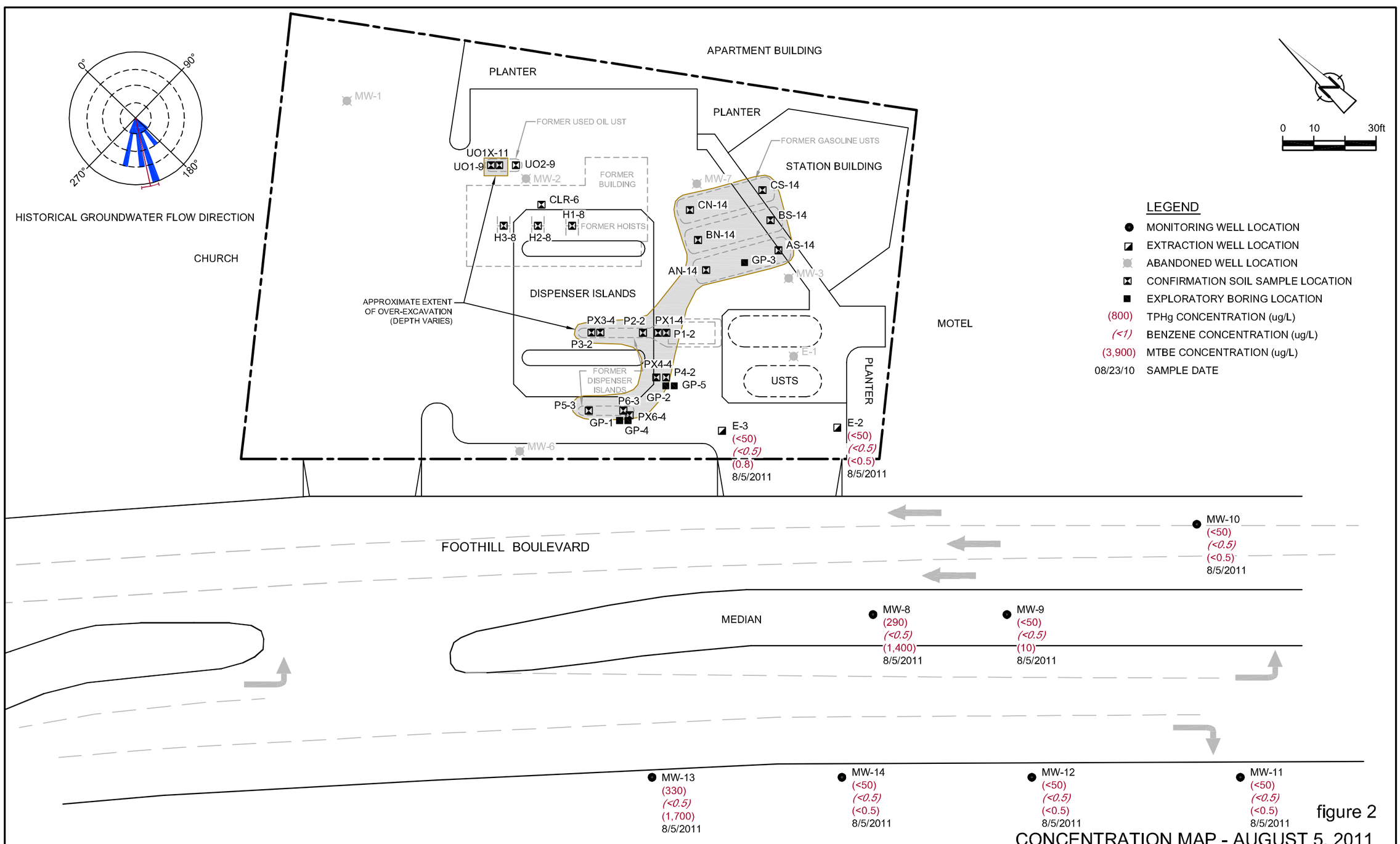


figure 2

CONCENTRATION MAP - AUGUST 5, 2011
CHEVRON SERVICE STATION 9-8139
16304 FOOTHILL BOULEVARD
San Leandro, California

611971-199(013)GN-WA002 OCT 05/2011

ATTACHMENT A

ACEH LETTER DATED JULY 22, 2011

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Director

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

July 22, 2011

Ms. Staci Frerichs
Chevron Environmental Management
6001 Bollinger Canyon Rd K2256
PO Box 6012
San Ramon, CA 94583-2324
(sent via electronic mail to staciehg@chevron.com)

Mr. Bhushan Bansal
Bansal Inc.
1784 150th Street
San Leandro, CA 94578-1826

Anabi Real Estate Development LLC
Mr. Rene Anabi
1041 North Benson Avenue
Upland, CA 91786

Subject: Request for Additional Data; Fuel Leak Case No. RO0000368 (Global ID # T0600100303), Chevron #9-8139, 16304 Foothill Blvd., San Leandro, CA 94587

Dear Ms. Frerichs, Mr. Bansal and Mr. Anabi:

Alameda County Environmental Health (ACEH) has reviewed the case file, including the December 17, 2010 *Case Closure Request* and the November 5, 2010 *Second Semi-Annual 2010 Groundwater Monitoring Report,* both reports were generated and submitted on your behalf by Conestoga-Rovers & Associates (CRA). Thank you for submitting the reports. The *Case Closure Request* reviews the history of the site, presents a series of trend analysis graphs, and residual mass calculations; and in an effort to move the case towards closure compares the site to the seven SWRCB low-risk criteria contained in the January 13, 2010 *Resolution 2009–0042 – UST Cleanup Program Task Force Report.* These criteria were derived from the 1996 Lawrence Livermore National Laboratories Report generated for the San Francisco RWQCB, but remain principally as recommendations, and do not consider vapor intrusion concerns.

In general ACEH does not have significant concerns with the contaminant trend and the predicted time analysis graphs to reach groundwater goal graphs for wells E-2 (correctly identified as former MW-5) and E-3 (correctly identified as former MW-4). In well E-2 MTBE appears to have achieved non-detectable concentrations, whereas TPHg appears to be relatively stable, seasonally rising and seasonally declining, but with a generalized long term decline in concentrations; this would appear to indicate residual soil contamination beneath the site. In well E-3 both TPHg and MTBE appear to be undergoing a long term decline, with seasonal fluctuations, and again would appear to indicate residual soil contamination beneath the site. This would be as expected closer to a residual source.

Conversely, TPHg and MTBE concentrations in both well MW-8 and MW-14 appear to have had previously elevated concentrations that have declined with time, but which have also recently renewed upwards directed contaminant concentration trends, as might be expected downgradient of a source, or potentially could indicate a potential secondary release. TBA should also be included in this analysis, but is not present on the trend graphs. TBA has also increased, from a long period of essentially non-detectable concentrations (<2 µg/l) to 58 µg/l to 840 µg/l in the period of approximately 1 year; a significant increase. Analyte trends in both wells would appear to indicate a renewed (or continued) downgradient offsite migration of a dissolved-phase plume. While TPHg is of concern, MTBE and TBA are of greater concern given generally greater mobility and higher concentrations. The initial increase appears to have occurred in May 2008 in well MW-8, and November 2008 in well MW-14, again

suggestive of the renewed offsite migration of a plume. Because of the continuity of the water-bearing zone in wells MW-8, MW-12, MW-13, and MW-14, not seen so clearly in most other wells at this site, this can be of importance to the plume migration. Should this trend continue, the predicted time analysis graphs would diverge from current predictions, which do not appear to fully incorporate recent analyte trends (especially in well MW-8), and has the potential of developing significant inaccuracies over time. ACEH is uncertain if these inaccuracies are of concern and thus requests some limited additional information.

As a consequence, and based on these observations, 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 ACEH staff review of the case file, we request that you address the following technical comments and send us the reports described below.

TECHNICAL COMMENTS

1. **Preferential Pathway Well Survey –** The above referenced *Case Closure Request*, as well as the *Site Conceptual Model* report, dated March 16, 2004, and generated by Cambria, contain well surveys based on original data that appears to date to a July 25, 2001 report generated by Delta Environmental Consultants, (Delta) Inc and Gettler-Ryan, Inc. In that report Delta states the well information came from Chevron; however, the source of the data was unknown. Due to the known use of residential wells in the downgradient region, the greater mobility of MTBE, and to the availability of several datasets, ACEH requests that the well survey be revisited and updated using known sources, including both DWR and ACPWA, by the date identified below.

2. **Groundwater Monitoring Interval –** To assist in understanding contaminant concentration trends at, and downgradient of the site, it appears appropriate to modify the current approach to groundwater monitoring at the site. Groundwater monitoring wells MW-10, MW-11, and MW-13 have not been monitored or sampled since August 2005, well MW-9 was last sampled in March 2009, and well MW-12 has been sampled annually since 2007. ACEH requests the redevelopment and sampling of unsampled wells for a minimum of one groundwater event, coupled with a subsequent evaluation of contaminant trends and the appropriateness of additional monitoring and sampling events of selected wells. Based on contaminant trends semi-annual sampling in the months of February and August appear to be an appropriate monitoring and sampling interval and months. Please submit the resulting groundwater monitoring reports according to the following schedule.

3. **Contaminant Trend and Predicted Time Analysis Graphs –** As summarized more completely above, in general it does not appear that the "Predicted Time to Goal" Graphs capture the full recent data set at the site, and the inclusion of additional groundwater data requested in Technical Comment No. 2 in the trend graphs, is anticipated to benefit the understanding of contaminant trends and help address the fate and transport of the plume at the site and downgradient vicinity. As a consequence, ACEH requests the submittal of a revised trend and predicted trend analysis graphs that incorporate the requested datasets.

TECHNICAL REPORT REQUEST

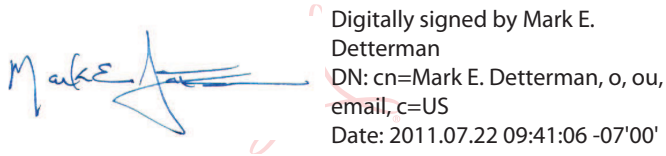
Please submit the following deliverable to ACEH (Attention: Mark Detterman), according to the following schedule:

- **October 21, 2011 –** Second Semi-Annual 2011 Groundwater Monitoring Report (with preferential pathway well survey and Predicted Time Analysis Graphs)
- **April 13, 2012 –** First Semi-Annual 2011 Groundwater Monitoring Report

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.

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

Sincerely,



Mark 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, ACEH, (sent via electronic mail to donna.drogos@acgov.org)
Mark Detterman, ACEH, (sent via electronic mail to mark.detterman@acgov.org)
Geotracker, Case Electronic File

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.

Attachment 1

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.

August 31, 2011
G-R Job #386461

Ms. Olivia Skance
Chevron Environmental Management Company
6101 Bollinger Canyon Road
San Ramon, CA 94583

RE: Well Development Event of August 1, 2011
Second Semi-Annual Event of August 5, 2011
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

Dear Ms. Skance:

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 the laboratory analytical reports 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.

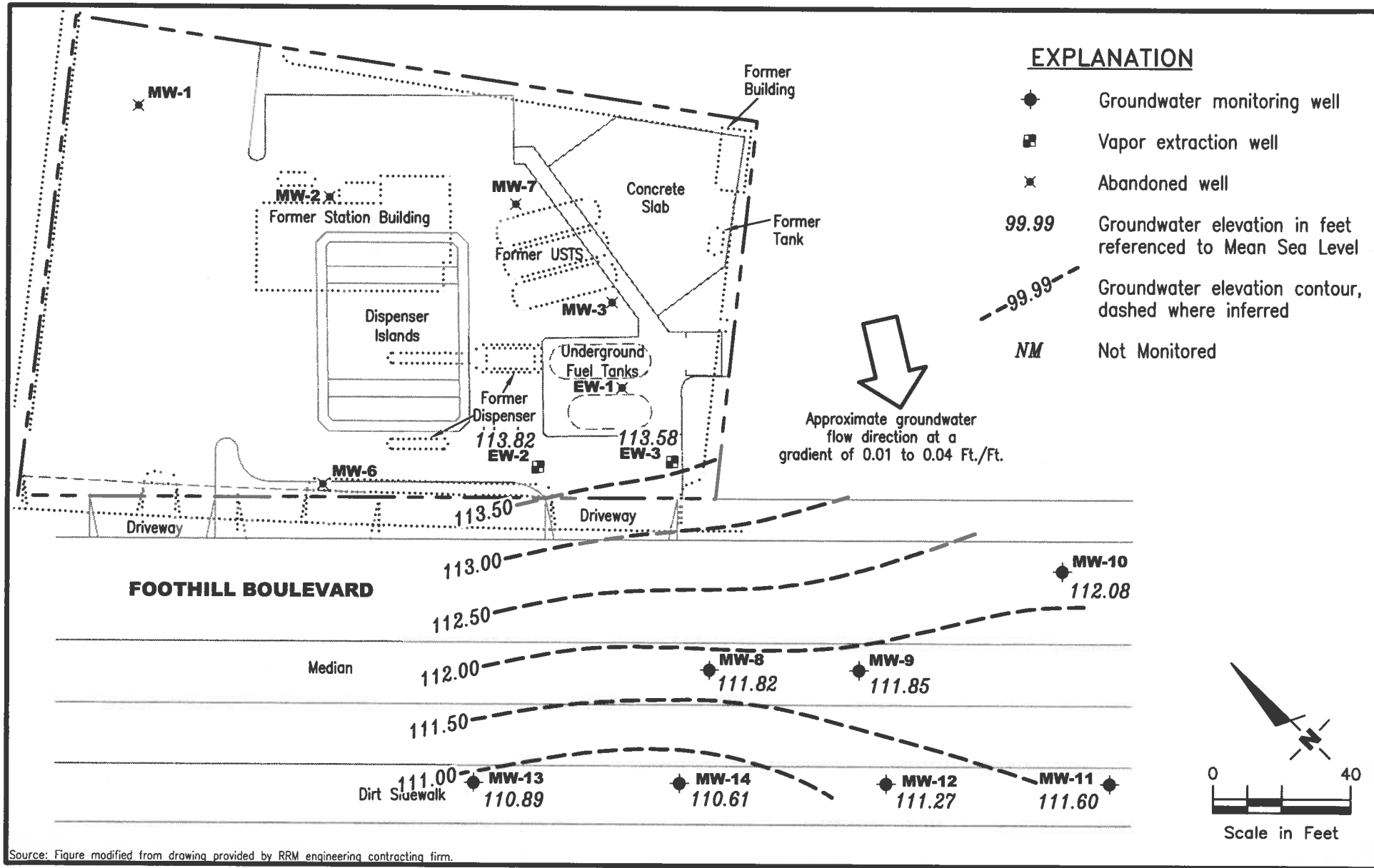
Sincerely,

Deanna L. Harding
Project Coordinator

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

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

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



Source: Figure modified from drawing provided by RRM engineering contracting firm.

GETTLER - RYAN INC.
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POTENTIOMETRIC MAP
Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

FIGURE
1

JOB NUMBER	REVIEWED BY	DATE	REVISED DATE
386461		August 5, 2011	

FILE NAME: P:\Enviro\Chevron\9-8139\Q11-9-8139.dwg | Layout Tab: Pot3

Table 1

Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

WELL ID/ DATE		TOC* (ft.)	DTW (ft.)	S.I (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-8												
09/07/90[3]		123.61	16.07	--	107.54	--	<50	<0.5	<0.5	<0.5	<0.5	<0.05
09/25/90		123.61	16.20		107.41	--	--	--	--	--	--	--
11/29/90		123.61	16.30		107.31	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/29/90	(D)	123.61	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/20/91		123.61	16.32		107.29	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/19/91		123.61	14.71		108.90	--	--	--	--	--	--	--
05/22/91		123.61	15.42		108.19	--	<50	0.6	<0.5	<0.5	1.0	--
08/22/91		123.61	17.15		106.46	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/14/91		123.61	16.99		106.62	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/30/92		123.61	16.30		107.31	--	<50	1.0	0.7	<0.5	1.1	--
04/23/92		123.61	15.05		108.56	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/27/92		123.61	16.08		107.53	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/26/92		123.61	16.72		106.89	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/29/93		123.61	12.82		110.79	--	1,400	470	470	37	160	--
04/30/93		123.61	13.54		110.07	--	1,600	<13	15	18	29	--
07/14/93		123.61	14.65		108.96	--	<50	<0.5	0.7	<0.5	2.0	--
10/27/93		123.61	15.04		108.57	--	<50	3.0	4.0	2.0	4.0	--
01/13/94		123.61	15.14		108.47	--	<50	<0.5	4.0	<0.5	<0.5	--
04/22/94		123.61	15.01		108.60	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/28/94		123.61	14.70		108.91	--	69	7.3	18	3.3	12	--
10/25/94		123.61	15.20		108.41	--	<50	<0.5	0.8	<0.5	1.6	--
01/19/95		123.61	12.00		111.61	--	<50	<0.5	3.1	<0.5	0.7	--
05/01/95		123.61	11.40		112.21	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/03/97		123.61	11.72		111.89	--	<200	<2.0	<2.0	<2.0	<2.0	610
10/07/97		123.61	13.60		110.01	--	<50	<0.5	<0.5	<0.5	<0.5	500
04/14/98		123.61	8.75		114.86	--	<50	<0.5	<0.5	<0.5	<0.5	120
10/13/98		123.61	12.72		110.89	--	270	<0.5	<0.5	<0.5	<0.5	2,600
04/16/99		123.61	11.55		112.06	--	480	<2.0	<2.0	<2.0	<2.0	5,000
07/29/99[6]		123.61	12.35		111.26	--	--	--	--	--	--	--
10/26/99		123.61	12.68		110.93	--	1,890	<5.0	12.1	<5.0	<5.0	39,000
04/07/00[9]		123.61	11.24		112.37	--	<500	<5.0	<5.0	<5.0	<5.0	2,500
10/10/00[9]		123.61	12.76		110.85	--	295[11]	<0.500	<0.500	<0.500	<0.500	19,500
04/03/01[9]		123.61	12.09		111.52	--	3,340	2.84	3.05	<0.500	2.58	21,500
08/14/01[13]		123.61	13.06		110.55	--	2,800[14]	<20	<20	<20	<20	25,000
11/16/01		123.61	13.07		110.54	--	3,000	<1.0	1.1	<1.0	<3.0	16,000/19,000[15]
02/15/02		123.61	12.71		110.90	--	2,000	<0.50	<0.50	<0.50	<1.5	15,000/19,000[15]

Table 1

Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139

16304 Foothill Boulevard

San Leandro, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-8 (cont)											
05/09/02	123.61	12.95	--	110.66	--	3,900	<1.0	<1.0	<1.0	<3.0	16,000/15,000[15]
08/05/02	123.61	13.51		110.10	--	4,000	<1.0	<1.0	<1.0	<3.0	16,000/15,000[15]
11/04/02	123.61	13.85		109.76	--	2,800	<0.50	0.77	<0.50	<1.5	15,000/17,000[15]
02/05/03	123.61	12.60		111.01	--	3,600	<20	<2.5	<2.5	<7.5	16,000/18,000[15]
05/07/03	123.61	12.00		111.61	--	2,800	<2.5	<2.5	<2.5	<7.5	14,000/13,000[15]
08/11/03[16]	123.61	13.12		110.49	--	2,400	<10	<10	<10	<10	13,000
11/10/03[16]	123.61	15.16		108.45	--	2,600	<10	<10	<10	<10	13,000
02/09/04[16,17]	123.61	13.16		110.45	--	<50	<0.5	<0.5	<0.5	<0.5	140
05/10/04[16]	123.61	12.75		110.86	--	1,900	<5	<5	<5	<5	12,000
08/09/04[16]	123.61	13.32		110.29	--	1,200	<10	<10	<10	<10	7,200
11/08/04[16]	123.61	13.50		110.11	--	710	<1	<1	<1	<1	3,900
02/07/05[16,17]	123.61	12.13		111.48	--	<50	<0.5	<0.5	<0.5	<0.5	12
05/06/05[16]	123.61	12.15		111.46	--	770	<5	<5	<5	<5	5,100
08/05/05[16]	123.61	13.49		110.12	--	660	<3	<3	<3	<3	3,600
11/04/05[16]	123.61	13.03		110.58	--	210	<0.5	<0.5	<0.5	<0.5	1,600
02/01/06[16]	123.61	11.22		112.39	--	170	<0.5	<0.5	<0.5	<0.5	1,800
05/03/06[16]	123.61	10.15		113.46	--	210	<1	<1	<1	<1	3,500
08/02/06[16]	123.61	11.81		111.80	--	480	<1	<1	<1	<1	3,800
10/31/06[16]	123.61	12.75		110.86	--	540	<0.5	<0.5	<0.5	<0.5	3,200
01/30/07[16]	123.61	12.81		110.80	--	<50	<0.5	<0.5	<0.5	<0.5	2
05/01/07[16]	123.61	12.60		111.01	--	500	<0.5	<0.5	<0.5	<0.5	2,300
07/31/07[16]	123.61	13.30		110.31	--	280	<0.5	<0.5	<0.5	<0.5	1,300
11/01/07[16]	123.61	13.72		109.89	--	160	<0.5	<0.5	<0.5	<0.5	940
02/12/08[16]	123.61	13.02		110.59	--	130	<0.5	<0.5	<0.5	<0.5	1,000
05/13/08[16]	123.61	13.11		110.50	--	460	<0.5	<0.5	<0.5	<0.5	3,300
08/19/08[16]	123.61	13.80		109.81	--	79	<1	<1	<1	<1	4,500
11/18/08[16]	123.61	13.71		109.90	--	860	<5	<5	<5	<5	5,000
03/13/09[16]	123.61	11.88		111.73	--	800	<1	<1	<1	<1	3,100
05/04/09	123.61	NOT MONITORED/SAMPLED			--	--	--	--	--	--	--
08/18/09	123.61	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
11/23/09	123.61	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
02/03/10[16]	123.61	11.84		111.77	--	830	<1	<1	<1	<1	3,900
08/23/10	123.61	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
08/05/11[16]	**123.61**	**11.79**		**111.82**	**--**	**290**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**1,400**

Table 1

Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139

16304 Foothill Boulevard

San Leandro, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-9											
08/22/91[3]	124.20	17.60	--	106.60	--	9,600	46	170	98	1,200	<0.05
11/14/91[3]	124.20	17.48		106.72	--	11,000	130	58	86	1,500	<0.05
01/30/92	124.20	16.71		107.49	--	11,000	210	29	110	1,900	--
04/23/92	124.20	15.23		108.97	--	17,000	180	25	100	1,900	--
07/27/92	124.20	16.72		107.48	--	2,800	59	1.6	18	280	--
10/26/92	124.20	17.22		106.98	--	3,200	38	<0.5	19	200	--
01/29/93	124.20	13.39		110.81	--	1,300	23	6.0	8.0	100	--
04/30/93	124.20	14.00		110.20	--	<1,300	<13	<13	<13	58	--
07/14/93	124.20	15.08		109.12	--	1,300	25	4.0	15	120	--
10/27/93	124.20	15.62		108.58	--	1,100	21	10	19	73	--
01/13/94	124.20	15.59		108.61	--	80	0.7	3.0	0.6	3.0	--
04/22/94	124.20	15.43		108.77	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/29/94	124.20	15.20		109.00	--	1,400	19	11	11	69	--
10/25/94	124.20	15.70		108.50	--	1,200	11	2.0	7.6	28	--
01/19/95	124.20	12.58		111.62	--	380	1.6	4.3	1.5	11	--
05/01/95	124.20	11.96		112.24	--	350	1.1	<0.5	1.8	2.3	--
10/12/95	124.20	13.85		110.35	--	1,700	3.8	<2.5	5.3	7.8	18
04/11/96	124.20	11.87		112.33	--	140	<0.5	<0.5	<0.5	<0.5	2.8
10/03/96	124.20	14.07		110.13	--	53	<0.5	<0.5	<0.5	<0.5	<2.5
04/03/97	124.20	12.38		111.82	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/07/97	124.20	14.14		110.06	--	66	1.3	<0.5	<0.5	<0.5	<2.5
04/14/98	124.20	9.55		114.65	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/13/98	124.20	12.61		111.59	--	190	<0.5	<0.5	<0.5	<0.5	1,900
04/16/99	124.20	11.01		113.19	--	3,800	<12	<12	<12	<12	4,400
07/29/99[6]	124.20	12.85		111.35	--	--	--	--	--	--	--
10/26/99	124.20	13.24		110.96	--	88.6	<0.5	<0.5	<0.5	<0.5	530
04/07/00[9]	124.20	11.68		112.52	--	<5,000	<50	<50	<50	<50	27,000
10/10/00[9]	124.20	13.30		110.90	--	<50.0	<0.500	<0.500	<0.500	<0.500	322
04/03/01[9]	124.20	12.69		111.51	--	258	<0.500	<0.500	<0.500	0.743	1,300
08/14/01[13]	124.20	13.60		110.60	--	170[14]	<0.50	<0.50	<0.50	<0.50	1,300
11/16/01	124.20	13.81		110.39	--	100	<0.50	0.99	<0.50	<1.5	330/330[15]
02/15/02	124.20	13.32		110.88	--	<50	<0.50	<0.50	<0.50	<1.5	220/240[15]
05/09/02	124.20	13.50		110.70	--	300	<0.50	<0.50	<0.50	<1.5	970/940[15]
08/05/02	124.20	14.10		110.10	--	110	<0.50	<0.50	<0.50	<1.5	470/420[15]
11/04/02	124.20	14.41		109.79	--	110	<0.50	0.67	<0.50	<1.5	530/520[15]
02/05/03	124.20	13.17		111.03	--	70	<0.50	<0.50	<0.50	<1.5	320/340[15]

Table 1

Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-9 (cont)											
05/07/03	124.20	12.65	--	111.55	--	87	<0.5	0.7	<0.5	<1.5	440/390[15]
08/11/03[16]	124.20	13.71		110.49	--	74	<0.5	<0.5	<0.5	<0.5	370
11/10/03[16]	124.20	14.27		109.93	--	53	<0.5	<0.5	<0.5	<0.5	190
02/09/04[16,17]	124.20	12.72		111.48	--	1,600	<5	<5	<5	<5	8,100
05/10/04[16]	124.20	13.35		110.85	--	<50	<0.5	<0.5	<0.5	<0.5	120
08/09/04[16]	124.20	13.95		110.25	--	<50	<0.5	<0.5	<0.5	<0.5	61
11/08/04[16]	124.20	14.11		110.09	--	<50	<0.5	<0.5	<0.5	<0.5	74
02/07/05[16,17]	124.20	11.69		112.51	--	600	<3	<3	<3	<3	3,200
05/06/05[16]	124.20	11.73		112.47	--	<50	<0.5	<0.5	<0.5	<0.5	45
08/05/05[16]	124.20	14.15		110.05	--	<50	<0.5	<0.5	<0.5	<0.5	1
11/04/05[16]	124.20	13.60		110.60	--	<50	<0.5	<0.5	<0.5	<0.5	130
02/01/06[16]	124.20	11.90		112.30	--	<50	<0.5	<0.5	<0.5	<0.5	27
05/03/06[16]	124.20	10.89		113.31	--	<50	<0.5	<0.5	<0.5	<0.5	82
08/02/06[16]	124.20	11.45		112.75	--	<50	<0.5	<0.5	<0.5	<0.5	85
10/31/06[16]	124.20	13.41		110.79	--	60	<0.5	<0.5	<0.5	<0.5	280
01/30/07[16]	124.20	13.46		110.74	--	<50	<0.5	<0.5	<0.5	<0.5	2
05/01/07[15]	124.20	13.16		111.04	--	140	<0.5	<0.5	<0.5	<0.5	480
07/31/07[16]	124.20	13.92		110.28	--	<50	<0.5	<0.5	<0.5	<0.5	3
11/01/07[16]	124.20	14.31		109.89	--	<50	<0.5	<0.5	<0.5	<0.5	170
02/12/08[16]	124.20	13.02		111.18	--	<50	<0.5	<0.5	<0.5	<0.5	56
05/13/08[16]	124.20	13.68		110.52	--	<50	<0.5	<0.5	1	3	35
08/19/08[16]	124.20	14.39		109.81	--	<50	<0.5	<0.5	<0.5	<0.5	29
11/18/08[16]	124.20	14.18		110.02	--	<50	<0.5	<0.5	<0.5	<0.5	45
03/13/09[16]	124.20	12.43		111.77	--	<50	<0.5	<0.5	<0.5	<0.5	23
05/04/09	124.20	13.45		110.75	--	--	--	--	--	--	--
08/18/09	124.20	14.51		109.69	--	--	--	--	--	--	--
MONITORING/SAMPLING DISCONTINUED											
08/01/11[19]	**124.20**	**12.38**		**111.82**	**--**	--	--	--	--	--	--
08/05/11[16]	**124.20**	**12.35**		**111.85**	**--**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**10**
MW-10											
07/27/92	125.03	17.52	--	107.51	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/27/92	125.03	18.06		106.97	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/29/93	125.03	14.15		110.88	--	<50	<0.5	<0.5	<0.5	0.7	--
04/30/93	125.03	14.68		110.35	--	<50	<0.5	<0.5	<0.5	<0.5	--

Table 1

Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139

16304 Foothill Boulevard

San Leandro, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-10 (cont)											
07/14/93	125.03	15.80	--	109.23	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/27/93	125.03	16.33		108.70	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/13/94	125.03	16.29		108.74	--	<50	<0.5	0.5	<0.5	<0.5	--
04/22/94	125.03	16.15		108.88	--	<50	<0.5	<0.5	<0.5	1.1	--
07/29/94	125.03	15.85		109.18	--	<50	0.8	2.1	0.5	1.3	--
10/25/94	125.03	16.41		108.62	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/19/95	125.03	13.29		111.74	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/01/95	125.03	12.60		112.43	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/11/95	125.03	14.54		110.49	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/11/96	125.03	12.47		112.56	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/03/96	125.03	14.74		110.29	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/03/97	125.03	12.99		112.04	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/07/97	125.03	14.86		110.17	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/14/98	125.03	10.24		114.79	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/13/98[7]	124.69	13.06		111.63	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/16/99	124.69	11.80		112.89	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/26/99	124.69	13.43		111.26	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/07/00	124.69	12.00		112.69	--	--	--	--	--	--	--
10/10/00	124.69	13.59		111.10	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
04/03/01	124.69	13.00		111.69	--	<50.0	<0.500	<0.500	<0.500	0.580	<0.500
08/14/01	124.69	13.91		110.78	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/16/01	124.69	13.94		110.75	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[15]
02/15/02	124.69	13.65		111.04	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/09/02	124.69	13.87		110.82	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
08/05/02	124.69	14.45		110.24	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/04/02	124.69	14.77		109.92	--	<50	<0.50	1.2	<0.50	<1.5	<2.5/<2[15]
02/05/03	124.69	13.49		111.20	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/07/03	124.69	12.99		111.70	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5
08/11/03[16]	124.69	14.04		110.65	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/10/03[16]	124.69	15.54		109.15	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/09/04[16]	124.69	13.46		111.23	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/10/04[16]	124.69	13.69		111.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/09/04[16]	124.69	14.30		110.39	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/08/04[16]	124.69	14.45		110.24	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/07/05[16]	124.69	12.41		112.28	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/06/05[16]	124.69	12.35		112.34	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5

Table 1

Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-10 (cont)											
08/05/05[16]	124.69	14.44	--	110.25	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/04/05	124.69	13.96		110.73	--	--	--	--	--	--	--
02/01/06	124.69	12.19		112.50	--	--	--	--	--	--	--
05/03/06	124.69	11.25		113.44	--	--	--	--	--	--	--
08/02/06	124.69	12.42		112.27	--	--	--	--	--	--	--
10/31/06	124.69	13.72		110.97	--	--	--	--	--	--	--
01/30/07	124.69	13.80		110.89	--	--	--	--	--	--	--
05/01/07	124.69	13.50		111.19	--	--	--	--	--	--	--
07/31/07	124.69	13.97		110.72	--	--	--	--	--	--	--
11/01/07	124.69	14.66		110.03	--	--	--	--	--	--	--
02/12/08	124.69	12.90		111.79	--	--	--	--	--	--	--
05/13/08	124.69	13.99		110.70	--	--	--	--	--	--	--
08/19/08	124.69	14.71		109.98	--	--	--	--	--	--	--
08/19/08	124.69	14.51		110.18	--	--	--	--	--	--	--
03/13/09	124.69	11.87		112.82	--	--	--	--	--	--	--
05/04/09	124.69	13.58		111.11	--	--	--	--	--	--	--
08/18/09	124.69	14.84		109.85	--	--	--	--	--	--	--
MONITORING/SAMPLING DISCONTINUED											
08/01/11[19]	**124.69**	**12.65**		**112.04**	--	--	--	--	--	--	--
08/05/11[16]	**124.69**	**12.61**		**112.08**	--	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
MW-11											
07/27/92	122.92	15.38	--	107.54	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/26/92	122.92	15.97		106.95	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/29/93	122.92	12.24		110.68	--	<50	8.0	16	2.0	10	--
04/30/93	122.92	12.77		110.15	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/14/93	122.92	13.84		109.08	--	<50	<0.5	0.7	<0.5	1.0	--
10/27/93	122.92	14.23		108.69	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/13/94	122.92	14.24		108.68	--	<50	<0.5	1.0	<0.5	<0.5	--
04/22/94	122.92	14.08		108.84	--	<50	<0.5	0.5	<0.5	1.4	--
07/29/94	122.92	13.90		109.02	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/25/94	122.92	14.38		108.54	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/19/95	122.92	11.45		111.47	--	<50	<0.5	1.8	<0.5	<0.5	--
05/01/95	122.92	11.10		111.82	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/11/95	122.92	12.57		110.35	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

Table 1

Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139

16304 Foothill Boulevard

San Leandro, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-11 (cont)											
04/11/96	122.92	11.05	--	111.87	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/03/96	122.92	12.92		110.00	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/03/97	122.92	11.22		111.70	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/07/97	122.92	13.05		109.87	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/14/98	122.92	9.05		113.87	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/13/98	122.92	12.34		110.58	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/16/99	122.92	10.73		112.19	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/26/99	122.92	11.97		110.95	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/07/00	122.92	10.90		112.02	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/10/00	122.92	12.09		110.83	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
04/03/01	122.92	11.59		111.33	--	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500
08/14/01	122.92	12.40		110.52	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/16/01	122.92	13.45		109.47	--	<50	<0.50	0.73	<0.50	<1.5	<2.5/<2[15]
02/15/02	122.92	12.24		110.68	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/09/02	122.92	12.44		110.48	--	<50	<0.50	1.0	<0.50	<1.5	<2.5
08/05/02	122.92	12.97		109.95	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/04/02	122.92	13.28		109.64	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[15]
02/05/03	122.92	12.07		110.85	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/07/03	122.92	11.58		111.34	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5
08/11/03[16]	122.92	12.61		110.31	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/10/03[16]	122.92	13.06		109.86	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/09/04[16]	122.92	12.04		110.88	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/10/04[16]	122.92	12.24		110.68	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/09/04[16]	122.92	12.85		110.07	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/08/04[16]	122.92	12.99		109.93	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/07/05[16]	122.92	11.87		111.05	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/06/05[16]	122.92	11.82		111.10	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/05/05[16]	122.92	12.98		109.94	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/04/05	122.92	12.50		110.42	--	--	--	--	--	--	--
02/01/06	122.92	10.75		112.17	--	--	--	--	--	--	--
05/03/06	122.92	10.22		112.70	--	--	--	--	--	--	--
08/02/06	122.92	11.91		111.01	--	--	--	--	--	--	--
10/31/06	122.92	12.28		110.64	--	--	--	--	--	--	--
01/30/07	122.92	12.25		110.67	--	--	--	--	--	--	--
05/01/07	122.92	12.08		110.84	--	--	--	--	--	--	--
07/31/07	122.92	12.57		110.35	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139

16304 Foothill Boulevard

San Leandro, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-11 (cont)											
11/01/07	122.92	13.20	--	109.72	--	--	--	--	--	--	--
02/12/08	122.92	11.55		111.37	--	--	--	--	--	--	--
05/13/08	122.92	12.63		110.29	--	--	--	--	--	--	--
08/19/08	122.92	13.26		109.66	--	--	--	--	--	--	--
11/18/08	122.92	13.10		109.82	--	--	--	--	--	--	--
03/13/09	122.92	11.53		111.39	--	--	--	--	--	--	--
05/04/09	122.92	12.37		110.55	--	--	--	--	--	--	--
08/18/09	122.92	13.39		109.53	--	--	--	--	--	--	--
MONITORING/SAMPLING DISCONTINUED											
08/01/11[19]	**122.92**	**11.32**		**111.60**	--	--	--	--	--	--	--
08/05/11[16]	**122.92**	**11.32**		**111.60**	--	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
MW-12											
09/01/00[10]	--	11.69	10-28.5	--	--	--	--	--	--	--	--
10/10/00	--	12.13		--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
04/03/01	--	11.35		--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500
08/14/01	122.36	12.21		110.15	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/16/01	122.36	12.72		109.64	--	<50	<0.50	0.59	<0.50	<1.5	<2.5/<2[15]
02/15/02	122.36	11.98		110.38	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/09/02	122.36	12.17		110.19	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
08/05/02	122.36	12.69		109.67	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/04/02	122.36	12.98		109.38	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[15]
02/05/03	122.36	11.81		110.55	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/07/03	122.36	11.28		111.08	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5
08/11/03[16]	122.36	12.33		110.03	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/10/03[16]	122.36	12.77		109.59	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/09/04[16]	122.36	11.66		110.70	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/10/04[16]	122.36	11.90		110.46	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/09/04[16]	122.36	12.56		109.80	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/08/04[16]	122.36	12.70		109.66	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/07/05[16]	122.36	11.48		110.88	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/06/05[16]	122.36	11.41		110.95	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/05/05[16]	122.36	12.70		109.66	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/04/05	122.36	12.40		109.96	--	--	--	--	--	--	--
02/01/06[18]	122.36	10.69		111.67	--	--	--	--	--	--	--

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San Leandro, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-12 (cont)											
05/03/06[16]	122.36	9.60	10-28.5	112.76	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/02/06	122.36	11.50		110.86	--	--	--	--	--	--	--
10/31/06	122.36	12.18		110.18	--	--	--	--	--	--	--
01/30/07[16]	122.36	12.12		110.24	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/01/07	122.36	11.90		110.46	--	--	--	--	--	--	--
07/31/07	122.36	12.26		110.10	--	--	--	--	--	--	--
11/01/07	122.36	12.88		109.48	--	SAMPLED ANNUALLY		--	--	--	--
02/12/08[16]	122.36	12.21		110.15	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/13/08	122.36	12.34		110.02	--	SAMPLED ANNUALLY		--	--	--	--
08/19/08	122.36	12.98		109.38	--	SAMPLED ANNUALLY		--	--	--	--
11/18/08	122.36	12.76		109.60	--	SAMPLED ANNUALLY		--	--	--	--
03/13/09[16]	122.36	11.15		111.21	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/04/09	122.36	12.08		110.28	--	SAMPLED ANNUALLY		--	--	--	--
08/18/09	122.36	13.09		109.27	--	SAMPLED ANNUALLY		--	--	--	--
11/23/09	122.36	12.84		109.52	--	SAMPLED ANNUALLY		--	--	--	--
02/03/10[16]	122.36	11.05		111.31	--	<50	<0.5	1	0.9	3	<0.5
08/23/10	122.36	12.35		110.01	--	SAMPLED ANNUALLY		--	--	--	--
08/05/11[16]	**122.36**	**11.09**		**111.27**	**--**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
MW-13											
09/01/00[10]	--	11.57	19-34	--	--	--	--	--	--	--	--
10/10/00	--	11.83		--	--	<50.0	<0.500	<0.500	<0.500	--	--
04/03/01	--	11.46		--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500
08/14/01	121.49	12.36		109.13	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/16/01	121.49	12.08		109.41	--	<50	<0.50	0.64	<0.50	<1.5	<2.5/<2[15]
02/15/02	121.49	11.81		109.68	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/09/02	121.49	12.00		109.49	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
08/05/02	121.49	12.48		109.01	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[15]
11/04/02	121.49	12.71		108.78	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[15]
02/05/03	121.49	11.51		109.98	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/07/03	121.49	10.81		110.68	--	<50	<0.5	0.6	<0.5	<1.5	<2.5
08/11/03[16]	121.49	12.15		109.34	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/10/03[16]	121.49	12.51		108.98	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/09/04[16]	121.49	11.56		109.93	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/10/04[16]	121.49	11.87		109.62	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5

Table 1

Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139

16304 Foothill Boulevard

San Leandro, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-13 (cont)											
08/09/04[16]	121.49	12.37	19-34	109.12	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/08/04[16,17]	121.49	13.00		108.49	--	75	<0.5	<0.5	<0.5	<0.5	400
02/07/05[16]	121.49	10.49		111.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/06/05[16]	121.49	10.45		111.04	--	60	<1	<1	<1	<1	570
08/05/05[16]	121.49	12.50		108.99	--	<50	<0.5	<0.5	<0.5	<0.5	470
11/04/05	121.49	12.18		109.31	--	--	--	--	--	--	--
02/01/06	121.49	10.43		111.06	--	--	--	--	--	--	--
05/03/06	121.49	8.87		112.62	--	--	--	--	--	--	--
08/02/06	121.49	10.55		110.94	--	--	--	--	--	--	--
10/31/06	121.49	11.95		109.54	--	--	--	--	--	--	--
01/30/07	121.49	11.90		109.59	--	--	--	--	--	--	--
05/01/07	121.49	11.65		109.84	--	--	--	--	--	--	--
07/31/07	121.49	12.08		109.41	--	--	--	--	--	--	--
11/01/07	121.49	13.19		108.30	--	--	--	--	--	--	--
02/12/08	121.49	10.64		110.85	--	--	--	--	--	--	--
05/13/08	121.49	11.88		109.61	--	--	--	--	--	--	--
08/19/08	121.49	12.69		108.80	--	--	--	--	--	--	--
11/18/08	121.49	12.55		108.94	--	--	--	--	--	--	--
03/13/09	121.49	10.55		110.94	--	--	--	--	--	--	--
05/04/09	121.49	11.92		109.57	--	--	--	--	--	--	--
08/18/09	121.49	12.81		108.68	--	--	--	--	--	--	--
MONITORING/SAMPLING DISCONTINUED											
08/01/11[19]	**121.49**	**10.58**		**110.91**	--	--	--	--	--	--	--
08/05/11[16]	**121.49**	**10.60**		**110.89**	--	**330**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**1,700**
MW-14											
09/01/00[10]	--	11.96	15-30	--	--	--	--	--	--	--	--
10/10/00	--	12.33		--	--	79.9[11]	<0.500	<0.500	<0.500	<0.500	854
04/03/01	--	11.62		--	--	494	<0.500	<0.500	<0.500	<0.500	3,150
08/14/01	122.04	12.55		109.49	--	<1,000	<10	<10	<10	<10	2,600
11/16/01	122.04	12.55		109.49	--	1,500	<0.50	0.84	<0.50	<1.5	7,800/8,200[15]
02/15/02	122.04	12.31		109.73	--	1,100	<0.50	<0.50	<0.50	<1.5	6,300/6,000[15]
05/09/02	122.04	12.52		109.52	--	1,500	<0.50	<0.50	<0.50	<1.5	6,900/6,300[15]
08/05/02	122.04	12.94		109.10	--	870	<0.50	<0.50	<0.50	<1.5	3,700/3,600[15]
11/04/02	122.04	13.17		108.87	--	890	<0.50	<0.50	<0.50	<1.5	4,400/4,700[15]

Table 1

Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139

16304 Foothill Boulevard

San Leandro, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-14 (cont)											
02/05/03	122.04	12.41	15-30	109.63	--	880	<0.50	<0.50	<0.50	<1.5	4,500/4,500[15]
05/07/03	122.04	11.50		110.54	--	530	<0.5	0.6	<0.5	<1.5	2,400/1,800[15]
08/11/03[16]	122.04	12.63		109.41	--	290	<1	<1	<1	<1	1,500
11/10/03[16]	122.04	13.06		108.98	--	360	<1	<1	<1	<1	1,700
02/09/04[16]	122.04	12.11		109.93	--	300	<1	<1	<1	<1	1,700
05/10/04[16]	122.04	12.38		109.66	--	130	<0.5	<0.5	<0.5	<0.5	630
08/09/04[16]	122.04	12.88		109.16	--	94	<1	<1	<1	<1	570
11/08/04[16,17]	122.04	12.49		109.55	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/07/05[16]	122.04	11.46		110.58	--	51	<0.5	<0.5	<0.5	<0.5	280
05/06/05[16]	122.04	11.39		110.65	--	<50	<0.5	<0.5	<0.5	<0.5	55
08/05/05[16]	122.04	12.97		109.07	--	<50	<0.5	<0.5	<0.5	<0.5	69
11/04/05[16]	122.04	12.67		109.37	--	<50	<0.5	<0.5	<0.5	<0.5	32
02/01/06[16]	122.04	10.75		111.29	--	<50	<0.5	<0.5	<0.5	<0.5	34
05/03/06[16]	122.04	9.80		112.24	--	<50	<0.5	<0.5	<0.5	<0.5	260
08/02/06[16]	122.04	11.48		110.56	--	<50	<0.5	<0.5	<0.5	<0.5	74
10/31/06[16]	122.04	12.50		109.54	--	<50	<0.5	<0.5	<0.5	<0.5	6
01/30/07[16]	122.04	12.57		109.47	--	<50	<0.5	<0.5	<0.5	<0.5	4
05/01/07[16]	122.04	12.15		109.89	--	<50	<0.5	<0.5	<0.5	<0.5	3
07/31/07[16]	122.04	12.75		109.29	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/01/07[16]	122.04	12.71		109.33	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/12/08[16]	122.04	11.37		110.67	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/13/08[16]	122.04	12.67		109.37	--	<50	<0.5	<0.5	<0.5	<0.5	14
08/19/08[16]	122.04	13.15		108.89	--	140	<0.5	<0.5	<0.5	<0.5	1,000
11/18/08[16]	122.04	13.03		109.01	--	<50	<0.5	<0.5	<0.5	<0.5	140
03/13/09[16]	122.04	11.37		110.67	--	<50	<0.5	<0.5	<0.5	<0.5	150
05/04/09[16]	122.04	12.41		109.63	--	93	<0.5	<0.5	<0.5	<0.5	590
08/18/09[16]	122.04	13.30		108.74	--	66	<0.5	<0.5	<0.5	<0.5	360
11/23/09[16]	122.04	13.08		108.96	--	<50	<0.5	<0.5	<0.5	<0.5	110
02/03/10[16]	122.04	11.21		110.83	--	<50	<0.5	<0.5	<0.5	<0.5	160
08/23/10[16]	122.04	12.96		109.08	--	100	<0.5	<0.5	<0.5	<0.5	640
08/05/11[16]	**122.04**	**11.43**		**110.61**	**--**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**

Table 1

Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
EW-2											
08/01/91	125.79	18.07	--	107.72	--	--	--	--	--	--	--
04/22/94	125.79	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/25/94	125.79	16.69		109.10	--	--	--	--	--	--	--
01/19/95	125.79	12.20		113.59	--	1,700	540	69	56	400	--
05/01/95	125.79	12.16		113.63	--	<50	13	<0.5	<0.5	2.1	--
04/16/99	125.79	10.04		115.75	--	3,500	350	160	130	550	3,800
07/29/99	125.79	INACCESSIBLE		--	--	--	--	--	--	--	--
10/26/99	125.79	13.82		111.97	--	2,760	20.6	17.8	40.2	196	13,300
04/07/00	125.79	10.94		114.85	--	4,100[8]	480	21	310	560	6,800
10/10/00	125.79	13.32		112.47	--	3,010[12]	14.4	<5.00	61.0	28.2	15,700
04/03/01	125.79	12.57		113.22	--	2,870	11.2	5.63	50.2	35.3	5,140
08/14/01	125.52	14.31		111.21	--	<5,000	<50	<50	<50	<50	16,000
11/16/01	125.52	14.21		111.31	--	2,300	3.2	0.58	13	6.3	4,100/5,300[15]
02/15/02	125.52	13.74		111.78	--	3,500	26	<0.50	74	33	6,900/8,200[15]
05/09/02	125.52	13.98		111.54	--	3,900	11	<0.50	14	2.5	24,000/22,000[15]
08/05/02	125.52	14.11		111.41	--	3,600	<20	<1.0	20	6.5	15,000/14,000[15]
11/04/02	125.52	14.97		110.55	--	3,100	7.1	<1.0	1.4	2.1	5,400/5,600[15]
02/05/03	125.52	13.41		112.11	--	1,300	4.7	<2.0	0.65	<1.5	1,600/1,700[15]
05/07/03	125.52	12.61		112.91	--	1,200	3.6	<2.0	6.5	2.5	1,900/2,400[15]
08/11/03[16]	125.52	13.95		111.57	--	980	<0.5	<0.5	0.5	<0.5	350
11/10/03[16]	125.52	13.93		111.59	--	1,700	<0.5	<0.5	3	<0.5	1,500
02/09/04[16]	125.52	13.59		111.93	--	1,100	<0.5	<0.5	<0.5	<0.5	840
05/10/04[16]	125.52	13.32		112.20	--	1,100	<2	<2	<2	<2	3,800
08/09/04[16]	125.52	14.05		111.47	--	930	<5	<5	<5	<5	3,000
11/08/04[16]	125.52	14.31		111.21	--	1,200	<0.5	<0.5	0.5	<0.5	240
02/07/05[16]	125.52	12.72		112.80	--	510	<0.5	<0.5	<0.5	<0.5	390
05/06/05[16]	125.52	13.02		112.50	--	890	<1	<1	<1	<1	430
08/05/05[16]	125.52	14.23		111.29	--	1,300	1	<0.5	2	<0.5	1,300
11/04/05[16]	125.52	13.86		111.66	--	1,000	<0.5	<0.5	<0.5	<0.5	1,200
02/01/06[16]	125.52	11.75		113.77	--	700	<0.5	<0.5	<0.5	<0.5	1,400
05/03/06[16]	125.52	8.00		117.52	--	1,200	2	<0.5	<0.5	<0.5	440
08/02/06[16]	125.52	11.45		114.07	--	1,000	<0.5	<0.5	<0.5	<0.5	350
10/31/06[16]	125.52	13.70		111.82	--	1,200	<0.5	<0.5	3	3	910
01/30/07[16]	125.52	13.78		111.74	--	200	<0.5	<0.5	<0.5	<0.5	330
05/01/07[16]	125.52	13.40		112.12	--	510	<0.5	<0.5	<0.5	<0.5	690

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WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
EW-2 (cont)											
07/31/07[16]	125.52	14.03	--	111.49	--	1,100	<0.5	<0.5	0.6	<0.5	860
11/01/07[16]	125.52	14.54		110.98	--	1,700	<0.5	<0.5	0.6	<0.5	760
02/12/08[16]	125.52	12.31		113.21	--	510	<0.5	<0.5	<0.5	<0.5	110
05/13/08[16]	125.52	13.96		111.56	--	740	<0.5	<0.5	<0.5	<0.5	310
08/19/08[16]	125.52	14.81		110.71	--	860	<0.5	<0.5	<0.5	<0.5	430
11/18/08[16]	125.52	14.15		111.37	--	980	<0.5	<0.5	<0.5	<0.5	210
03/13/09[16]	125.52	12.45		113.07	--	380	<0.5	<0.5	<0.5	<0.5	26
05/04/09[16]	125.52	13.13		112.39	--	730	<0.5	<0.5	<0.5	<0.5	170
08/18/09[16]	125.52	14.82		110.70	--	760	<0.5	<0.5	<0.5	<0.5	57
11/23/09	125.52	13.46		112.06	--	SAMPLED SEMI-ANNUALLY			--	--	--
02/03/10[16]	125.52	10.71		114.81	--	280	<0.5	<0.5	<0.5	<0.5	14
08/23/10[16]	125.52	13.48		112.04	--	550	<0.5	<0.5	<0.5	<0.5	170
08/05/11[16]	**125.52**	**11.70**		**113.82**	--	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**0.8**
EW-3											
08/01/91	125.22	17.49	--	107.73	--	--	--	--	--	--	--
10/27/93	125.22	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/13/94	125.22	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/22/94	125.22	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/29/94	125.22	--		--	--	<50	1.3	1.3	0.6	5.3	--
10/25/94	125.22	16.20		109.02	--	--	--	--	--	--	--
01/19/95	125.22	12.71		112.51	--	240	45	0.8	22	48	--
04/03/97	125.22	12.33		112.89	--	450	140	<1.2	4.3	3.9	17
10/07/97	125.22	14.58		110.64	--	1,900	510	<5.0	26	8.7	12
04/14/98	125.22	INACCESSIBLE		--	--	--	--	--	--	--	--
10/13/98	125.22	12.48		112.74	--	1,500	130	<2.5	9.0	4.7	3,600
04/16/99	125.22	11.55		113.67	--	3,800	280	37	270	300	2,800
07/29/99	125.22	INACCESSIBLE		--	--	--	--	--	--	--	--
10/26/99	125.22	13.49		111.73	--	710	204	2.87	7.31	11.8	3,760
04/07/00	125.22	11.41		113.81	--	1,100[8]	30	<5.0	20	48	2,800
10/10/00	125.22	13.55		111.67	--	119[12]	2.77	<0.500	4.65	2.77	172
04/03/01	125.22	12.73		112.49	--	1,910	22.3	7.23	136	116	16.1
08/14/01	125.21	13.98		111.23	--	1,900[8]	130	<5.0	39	84	710
11/16/01	125.21	14.03		111.18	--	8,800	110	20	530	840	99/99[15]
02/15/02	125.21	13.51		111.70	--	1,300	18	1.1	33	27	600/600[15]

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Chevron Service Station #9-8139

16304 Foothill Boulevard

San Leandro, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
EW-3 (cont)											
05/09/02	125.21	13.75	--	111.46	--	740	22	<0.50	15	10	390/360[15]
08/05/02	125.21	14.28		110.93	--	8,200	77	21	480	710	<20
11/04/02	125.21	14.92		110.29	--	4,300	45	2.9	110	83	<2.5/<2[15]
02/05/03	125.21	13.34		111.87	--	1,800	45	1.7	32	16	<20
05/07/03	125.21	12.87		112.34	--	860	14	<2.0	5.3	1.6	180/170[15]
08/11/03[16]	125.21	13.86		111.35	--	2,500	7	5	190	130	0.7
11/10/03[16]	125.21	14.53		110.68	--	1,600	14	1	43	10	0.8
02/09/04[16]	125.21	13.44		111.77	--	550	1	<0.5	0.6	<0.5	<0.5
05/10/04[16]	125.21	13.49		111.72	--	170	<0.5	<0.5	<0.5	<0.5	2
08/09/04[16]	125.21	14.08		111.13	--	710	14	<0.5	8	6	190
11/08/04[16]	125.21	14.37		110.84	--	3,300	10	2	280	19	<0.5
02/07/05[16]	125.21	12.47		112.74	--	400	<0.5	<0.5	<0.5	<0.5	<0.5
05/06/05[16]	125.21	12.87		112.34	--	590	0.6	0.5	9	21	<0.5
08/05/05[16]	125.21	14.27		110.94	--	1,700	2	2	97	34	5
11/04/05[16]	125.21	13.79		111.42	--	1,700	4	2	150	170	0.8
02/01/06[16]	125.21	11.68		113.53	--	85	<0.5	<0.5	<0.5	<0.5	5
05/03/06[16]	125.21	10.34		114.87	--	560	4	<0.5	7	4	43
08/02/06[16]	125.21	12.27		112.94	--	1,000	2	<0.5	10	11	10
10/31/06[16]	125.21	13.57		111.64	--	9,000	15	6	540	460	12
01/30/07[16]	125.21	13.65		111.56	--	720	2	<0.5	4	<0.5	<0.5
05/01/07[16]	125.21	13.22		111.99	--	220	<0.5	<0.5	<0.5	<0.5	3
07/31/07[16]	125.21	13.80		111.41	--	11,000	4	2	650	700	<1
11/01/07[16]	125.21	14.59		110.62	--	2,300	0.7	<0.5	98	76	0.5
02/12/08[16]	125.21	12.60		112.61	--	860	<0.5	<0.5	1	3	<0.5
05/13/08[16]	125.21	13.91		111.30	--	1,000	0.7	<0.5	2	<0.5	<0.5
08/19/08[16]	125.21	14.42		110.79	--	5,500	1	0.7	380	430	<0.5
11/18/08[16]	125.21	14.28		110.93	--	9,300	1	0.6	380	420	<0.5
03/13/09[16]	125.21	12.73		112.48	--	520	<0.5	<0.5	3	<0.5	<0.5
05/04/09[16]	125.21	13.42		111.79	--	1,300	0.9	<0.5	43	7	<0.5
08/18/09[16]	125.21	14.61		110.60	--	7,600	0.7	<0.5	210	240	<0.5
11/23/09	125.21	13.89		111.32	--	SAMPLED SEMI-ANNUALLY			--	--	--
02/03/10[16]	125.21	12.08		113.13	--	370	<0.5	<0.5	7	2	<0.5
08/23/10[16]	125.21	13.77		111.44	--	520	<0.5	<0.5	4	0.7	<0.5
08/05/11[16]	**125.21**	**11.63**		**113.58**	**--**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**

Table 1

Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-1											
12/05/89[1,3]	127.09	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	<0.5
03/23/90	127.09	12.92		114.17	--	--	--	--	--	--	--
05/24/90	127.09	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/06/90[3]	127.09	14.68		112.41	--	<50	<0.5	0.8	<0.5	<0.5	<0.5
09/25/90	127.09	15.01		112.08	--	--	--	--	--	--	--
11/29/90	127.09	14.82		112.27	--	<50	0.7	0.9	<0.5	1.0	--
02/20/91	127.09	14.29		112.80	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/19/91	127.09	12.16		114.93	--	--	--	--	--	--	--
05/22/91	127.09	13.69		113.40	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/22/91	127.09	15.38		111.71	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/13/91	127.09	15.80		111.29	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/30/92	127.09	14.71		112.38	--	<50	0.5	<0.5	<0.5	0.5	--
04/23/92	127.09	12.22		114.87	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/27/92	127.09	14.30		112.79	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/26/92	127.09	15.90		111.19	--	<50	0.6	<0.5	<0.5	<0.5	--
01/29/93	127.09	10.51		116.58	--	<50	3.0	3.0	0.7	3.0	--
04/30/93	127.09	9.90		117.19	--	<50	<0.5	0.7	<0.5	1.0	--
07/14/93	127.09	12.28		114.81	--	<50	0.7	1.0	<0.5	3.0	--
10/27/93	127.09	15.53		111.56	--	<50	0.9	2.0	<0.5	2.0	--
01/13/94	127.09	12.24		114.85	--	<50	<0.5	0.9	<0.5	<0.5	--
04/22/94	127.09	12.91		114.18	--	<50	1.1	2.6	1.0	5.5	--
07/29/94	127.09	12.75		114.34	--	<50	<0.5	0.9	<0.5	<0.5	--
10/25/94	127.09	13.63		113.46	--	100	0.6	1.6	<0.5	4.1	--
01/19/95	127.09	9.93		117.16	--	<50	<0.5	<0.5	<0.5	<0.5	--
ABANDONED											
MW-2											
12/05/89[1,3]	--	--	--	--	--	<500	<0.5	<0.5	<0.5	0.9	<0.5
03/23/90	125.98	12.40		113.58	--	--	--	--	--	--	--
05/24/90	125.98	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/06/90[3]	125.98	14.85		111.13	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/25/90	125.98	14.80		111.18	--	--	--	--	--	--	--
11/29/90	125.98	14.40		111.58	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/20/91	125.98	14.09		111.89	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/19/91	125.98	12.62		113.36	--	--	--	--	--	--	--
05/22/91	125.98	12.98		113.00	--	<50	<0.5	<0.5	<0.5	<0.5	--

Table 1
Groundwater Monitoring and Analytical Results
Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

WELL ID/ DATE		TOC* (ft.)	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-2 (cont)												
11/13/91		125.98	15.42	--	110.56	--	58	<0.5	0.5	0.7	2.3	--
01/30/92		125.98	14.70		111.28	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/23/92		125.98	13.83		112.15	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/27/92		125.98	15.30		110.68	--	<50	<0.5	<0.5	<0.5	1.1	--
10/26/92		125.98	15.62		110.36	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/29/93		125.98	9.26		116.72	--	<50	3.0	8.0	1.0	5.0	--
04/30/93		125.98	9.66		116.32	--	<1,300	<13	<13	<13	<13	--
07/14/93		125.98	11.90		114.08	--	<50	0.8	2.0	0.8	4.0	--
10/27/93		125.98	13.49		112.49	--	<50	1.0	2.0	1.0	2.0	--
01/13/94		125.98	11.99		113.99	--	<50	<0.5	0.6	<0.5	<0.5	--
04/22/94		125.98	12.73		113.25	--	<50	0.6	<0.5	<0.5	1.7	--
07/29/94		125.98	12.30		113.68	--	<50	<0.5	0.9	<0.5	<0.5	--
10/25/94		125.98	13.39		112.59	--	<50	<0.5	0.8	<0.5	2.1	--
01/19/95		125.98	8.71		117.27	--	<50	<0.5	2.3	<0.5	<0.5	--
ABANDONED												
MW-3												
12/05/89[2,3]		--	--	--	--	--	24,000	2,400	1,800	360	2,600	<0.5
12/05/89[3]	(D)		--		--	--	24,000	2,500	1,900	390	2,600	<0.5
03/23/90		127.84	17.50		110.34	--	--	--	--	--	--	--
05/24/90		127.84	--		--	--	9,000	2,600	1,700	250	1,500	--
05/24/90	(D)	127.84	--		--	--	10,000	2,600	1,800	260	1,600	--
09/06/90[3]		126.77	18.72		108.05	--	3,500	900	550	110	460	<0.5
09/25/90		126.77	18.40		108.37	--	--	--	--	--	--	--
11/29/90		126.77	18.97		107.80	--	9,200	1,100	1,100	210	1,100	--
02/20/91		126.77	19.20		107.57	--	8,800	960	780	200	920	--
04/19/91		126.77	17.81		108.96	--	--	--	--	--	--	--
05/22/91		126.77	17.88		108.89	--	28,000	5,800	1,200	460	2,300	--
08/01/91		126.77	19.23		107.54	--	--	--	--	--	--	--
08/22/91		126.77	20.17		106.60	--	21,000	3,100	2,000	480	2,000	--
08/22/91	(D)	126.77	--		--	--	19,000	2,700	1,800	420	1,700	--
11/13/91		126.77	19.95		106.82	--	18,000	2,400	1,200	450	2,200	--
01/30/92		126.77	19.14		107.63	--	18,000	3,800	920	700	2,600	--
04/23/92		126.77	17.75		109.02	--	46,000	5,000	1,900	1,000	3,500	--
07/27/92		126.77	19.00		107.77	--	26,000	4,900	1,100	1,200	3,600	--
10/26/92		126.77	19.62		107.15	--	6,600	1,100	41	220	570	--

Table 1

Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

WELL ID/ DATE		TOC* (ft.)	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-3 (cont)												
01/29/93		126.77	15.95	--	110.82	--	32,000	5,900	2,900	1,300	5,000	--
04/30/93		126.77	15.67		111.10	--	14,000	6,100	98	870	2,400	--
07/14/93		126.77	16.83		109.94	--	12,000	3,100	1,100	720	2,900	--
10/27/93		126.77	17.70		109.07	--	19,000	7,800	400	1,500	3,400	--
01/13/94		126.77	16.54		110.23	--	51,000	3,700	140	720	1,800	--
04/22/94		126.77	17.02		109.75	--	22,000	9,300	89	1,200	2,400	--
07/29/94		126.77	16.95		109.82	--	13,000	4,700	44	580	420	--
10/25/94		126.77	17.66		109.11	--	24,000	8,700	52	1,500	1,400	--
01/19/95		126.77	13.87		112.90	--	17,000	9,300	36	1,600	740	--
10/12/95		126.77	14.23		112.54	--	37,000	12,000	180	1,800	1,500	13,000
04/11/96		126.77	11.04		115.73	--	19,000	2,400	81	1,400	1,500	6,800
10/03/96		126.77	14.62		112.15	--	--	--	--	--	--	--
ABANDONED												
MW-4												
12/05/89[3]		--	--	--	--	--	19,000	390	1,300	460	1,800	<0.5
03/23/90		125.22	16.02		109.20	--	--	--	--	--	--	--
05/24/90		125.22	--		--	--	4,500	210	440	140	480	--
09/06/90[3]		125.22	17.35		107.87	--	6,000	680	520	170	580	<0.5
09/25/90		125.22	17.48		107.74	--	--	--	--	--	--	--
11/29/90		125.22	17.61		107.61	--	15,000	800	1,000	430	1,700	--
02/20/91		125.22	17.81		107.41	--	15,000	640	390	420	1,600	--
02/20/91	(D)	125.22	--		--	--	15,000	680	410	430	1,600	--
04/19/91		125.22	15.80		109.42	--	--	--	--	--	--	--
05/22/91		125.22	16.68		108.54	--	9,800	580	140	310	740	--
05/22/91	(D)	125.22	--		--	--	7,200	520	130	270	670	--
REDESIGNATED EW-3												
MW-5												
03/23/90		125.85	16.89	--	108.96	--	--	--	--	--	--	--
05/25/90[4]		125.85	--		--	--	28,000	920	1,100	460	1,300	2.4
09/07/90		125.85	18.46		107.42	0.04	--	--	--	--	--	--
09/25/90		125.85	18.87		108.02	1.30	--	--	--	--	--	--
11/29/90		125.85	18.91		107.51	0.71	--	--	--	--	--	--

Table 1

Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

WELL ID/ DATE		TOC* (ft.)	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-5 (cont)												
02/20/91		125.85	16.99	--	109.24	0.47	--	--	--	--	--	--
04/19/91		125.85	19.30		106.93	0.48	--	--	--	--	--	--
05/22/91		125.85	17.69		108.42	0.33	--	--	--	--	--	--
REDESIGNATED EW-2												
MW-6												
03/23/90		124.18	18.51	--	105.67	--	--	--	--	--	--	--
05/25/90[5]		124.18	--		--	--	<50	<2.0	<3.0	<3.0	<3.0	<0.02
09/07/90[3]		124.18	16.18		108.00	--	<50	<2.0	<3.0	<3.0	<3.0	<0.05
09/25/90		124.18	16.42		107.76	--	--	--	--	--	--	--
11/29/90[3]		124.18	16.11		108.07	--	<50	<0.5	<0.5	<0.5	<0.5	<0.05
02/20/91		124.18	16.09		108.09	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/19/91		124.18	15.15		109.03	--	--	--	--	--	--	--
05/22/91		124.18	15.41		108.77	--	<50	0.5	0.7	<0.5	1.1	--
08/23/91		124.18	17.80		106.38	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/14/91[5]		124.18	16.52		107.66	--	<50	<0.5	<0.5	<0.5	<0.5	<0.02
11/14/91[3]	(D)	124.18	--		--	--	<50	<0.5	0.6	<0.5	1.1	<0.05
01/31/92		124.18	16.48		107.70	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/31/92	(D)	124.18	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/23/92		124.18	16.20		107.98	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/23/92	(D)	124.18	--		--	--	--	--	--	--	--	--
07/27/92		124.18	16.52		107.66	--	<50	1.2	0.6	<0.5	1.9	--
10/26/92		124.18	17.12		107.06	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/29/93		124.18	13.13		111.05	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/30/93		124.18	14.86		109.32	--	<50	<0.5	<0.5	<0.5	0.6	--
07/14/93		124.18	14.61		109.57	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/27/93		124.18	15.38		108.80	--	<50	0.9	1.0	0.6	1.0	--
01/13/94		124.18	15.34		108.84	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/22/94		124.18	15.07		109.11	--	<50	<0.5	<0.5	<0.5	2.5	--
07/29/94		124.18	15.30		108.88	--	<50	7.5	1.2	1.0	1.1	--
10/25/94		124.18	15.69		108.49	--	<50	<0.5	<0.5	<0.5	1.2	--
01/19/95		124.18	11.49		112.69	--	<50	<0.5	3.1	<0.5	0.6	--
10/11/95		124.18	14.16		110.02	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

WELL ID/ DATE		TOC* (ft.)	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-6 (cont)												
11/07/95		124.18	14.30	--	109.88	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/11/96		124.18	10.63		113.55	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/03/96		124.18	13.34		110.84	--	--	--	--	--	--	--
ABANDONED												
MW-7												
03/23/90		126.86	21.40	--	105.46	--	--	--	--	--	--	--
05/25/90[5]		126.86	--		--	--	<50	<2.0	<3.0	<3.0	<3.0	<0.02
09/07/90		126.86	18.38		108.48	--	--	--	--	--	--	--
09/25/90		126.86	19.25		107.61	--	--	--	--	--	--	--
09/27/90[3]		126.86	--		--	--	<50	<2.0	<3.0	<3.0	<3.0	<0.05
09/27/90[3]	(D)	126.86	--		--	--	<50	<2.0	<3.0	<3.0	<3.0	<0.05
11/29/90		126.86	18.55		108.31	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/20/91		126.86	18.55		108.31	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/19/91		126.86	17.33		109.53	--	--	--	--	--	--	--
05/22/91		126.86	17.42		109.44	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/22/91		126.86	19.05		107.81	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/13/91		126.86	21.84		105.02	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/30/92		126.86	22.42		104.44	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/23/92		126.86	22.04		104.82	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/27/92		126.86	22.24		104.62	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/26/92		126.86	22.11		104.75	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/29/93		126.86	17.07		109.79	--	<50	4.0	13	2.0	8.0	--
04/30/93		126.86	14.86		112.00	--	<50	<0.5	<0.5	<0.5	0.6	--
07/14/93		126.86	16.10		110.76	--	<50	<0.5	1.0	<0.5	2.0	--
10/27/93		126.86	18.71		108.15	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/13/94		126.86	17.89		108.97	--	<50	<0.5	0.9	<0.5	1.0	--
04/22/94		126.86	16.94		109.92	--	<50	<0.5	<0.5	<0.5	1.3	--
07/29/94		126.86	16.70		110.16	--	74	19	8.2	7.8	11	--
10/25/94		126.86	17.42		109.44	--	<50	<0.5	0.6	<0.5	1.6	--
01/19/95		126.86	13.66		113.20	--	<50	<0.5	1.4	<0.5	<0.5	--
ABANDONED												

Table 1

Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139

16304 Foothill Boulevard

San Leandro, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
EW-1											
05/25/90	--	--	--	--	--	3,900	260	430	64	340	0.03
08/01/91	124.95	17.54		107.41	--	--	--	--	--	--	--
10/27/93	124.95	--		--	--	350	<0.5	<0.5	<0.5	<0.5	--
01/13/94	124.95	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/22/94	124.95	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/29/94	124.95	--		--	--	97	0.6	0.5	0.6	5.1	--
01/19/95	124.95	12.63		112.32	--	3,000	1,600	100	350	760	--
ABANDONED											
TRIP BLANK											
TB-LB											
02/20/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/22/91	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/22/91	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/13/91	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/30/92	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/23/92	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/27/92	--	--		--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--
10/26/92	--	--		--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/29/93	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/30/93	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/14/93	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/27/93	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/13/94	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/22/94	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/29/94	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/25/94	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/19/95	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/01/95	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/12/95	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/11/96	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/03/96	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/03/97	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/07/97	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

Table 1

Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139

16304 Foothill Boulevard

San Leandro, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
TRIP BLANK (cont)											
04/14/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/13/98	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/16/99	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/07/00	--	--		--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/10/00	--	--		--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
04/03/01	--	--		--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500
08/14/01	--	--		--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
QA											
11/16/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/15/02	--	--		--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/09/02	--	--		--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
08/05/02	--	--		--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/04/02	--	--		--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/05/03	--	--		--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/07/03	--	--		--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5
08/11/03[16]	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/10/03[16]	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/09/04[16]	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/10/04[16]	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/09/04[16]	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/08/04[16]	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/07/05[16]	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/06/05[16]	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/05/05[16]	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/04/05[16]	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/01/06[16]	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/03/06[16]	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/02/06[16]	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/31/06[16]	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/30/07[16]	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/01/07[16]	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/31/07[16]	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/01/07[16]	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/12/08[16]	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/13/08[16]	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5

Table 1

Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139

16304 Foothill Boulevard

San Leandro, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
QA (cont)											
08/19/08[16]	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/18/08[16]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/13/09[16]	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/04/09[16]	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/18/09[16]	--	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
DISCONTINUED											

Table 1

Groundwater Monitoring and Analytical Results

Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to April 7, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing
(ft.) = Feet
DTW = Depth to Water
S.I. = Screen Interval
(ft.bgs) = Feet Below Ground Surface
GWE = Groundwater Elevation
(msl) = Mean sea level
SPHT = Separate Phase Hydrocarbon Thickness

(TPH-D) = Total Petroleum Hydrocarbons as Diesel
TPH = Total Petroleum Hydrocarbons
GRO = Gasoline Range Organics
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
EDB = 1,2-Dibromoethane

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

* TOC elevations were surveyed on September 16, 2000, by Virgil Chavez Land Surveying. The benchmark used for the survey was a copper disc set in the top of headwall on the east side of Foothill, approximately 158 feet south of Miramar Avenue, stamped EBMUD 17B, (Benchmark Elev. = 127.162 feet, NAVD 29).

1 Total Petroleum Hydrocarbons as Diesel (TPH-D) was ND with a detection limit of 1,000 ppb and Total Oil and Grease (TOG) was ND with a detection limit of 5,000 ppb.
2 TOG was ND with a detection limit of 5,000 ppb.
3 Ethylene dibromide (EDB) was detected at <0.05 ppb.
4 EDB was detected at 2.4 ppb.
5 EDB was detected at <0.02 ppb.
6 ORC installed.
7 TOC altered due to wellhead maintenance.
8 Laboratory report indicates gasoline C6-C12.
9 ORC in well.
10 Well development performed.
11 Laboratory report indicates unidentified hydrocarbons C6-C8.
12 Laboratory report indicates weathered gasoline C6-C12.
13 ORC removed from well.
14 Laboratory report indicates unidentified hydrocarbons C6-C12.
15 MTBE by EPA Method 8260.
16 BTEX and MTBE by EPA Method 8260.
17 Current laboratory analytical results do not coincide with historical data, and although the laboratory results were confirmed; it appears that the samples were switched.
18 Due to an oversight; this well was not sampled.
19 Well Redevelopment performed.

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
MW-8	11/04/02	--	250	17,000	<3.0	<3.0	2,600	<3.0	<3.0
	02/05/03	--	--	18,000	--	--	--	--	--
	05/07/03	--	--	13,000	--	--	--	--	--
	08/11/03	<1,000	<100	13,000	<10	<10	2,200	<10	<10
	11/10/03[1]	--	--	13,000	--	--	--	--	--
	02/09/04[2]	<50	<5	140	<0.5	<0.5	22	<0.5	<0.5
	05/10/04	<500	<50	12,000	<5	<5	1,900	<5	<5
	08/09/04	<1,000	<100	7,200	<10	<10	1,100	<10	<10
	11/08/04	<130	<13	3,900	<1	<1	540	<1	<1
	02/07/05[2]	<50	<5	12	<0.5	<0.5	2	<0.5	<0.5
	05/06/05	<500	<50	5,100	<5	<5	740	<5	<5
	08/05/05	<250	<25	3,600	<3	<3	510	<3	<3
	11/04/05	--	<5	1,600	--	--	210	--	--
	02/01/06	--	86	1,800	--	--	260	--	--
	05/03/06	--	40	3,500	--	--	500	--	--
	08/02/06	--	<10	3,800	--	--	460	--	--
	10/31/06	--	<5	3,200	--	--	440	--	--
	01/30/07	--	<2	2	--	--	<0.5	--	--
	05/01/07	--	<2	2,300	--	--	380	--	--
	07/31/07	--	6	1,300	--	--	180	--	--
	11/01/07	--	<2	940	--	--	170	--	--
	02/12/08	--	6	1,000	--	--	160	--	--
	05/13/08	--	<2	3,300	--	--	450	--	--
	08/19/08	--	8	4,500	--	--	700	--	--
	11/18/08	--	<20	5,000	--	--	700	--	--
	03/13/09	--	58	3,100	--	--	550	--	--
	05/04/09	SAMPLED ANNUALLY		--	--	--	--	--	--
	02/03/10	--	840	3,900	--	--	500	--	--
	08/05/11	**--**	**<2**	**1,400**	**--**	**--**	**220**	**--**	**--**
MW-9	11/04/02	--	<100	520	<2	<2	88	<2	<2
	02/05/03	--	--	340	--	--	--	--	--
	05/07/03	--	--	390	--	--	--	--	--
	08/11/03	<50	<5	370	<0.5	<0.5	69	<0.5	<0.5
	11/10/03[1]	--	--	190	--	--	--	--	--
	02/09/04[2]	<500	<50	8,100	<5	<5	1,400	<5	<5
	05/10/04	<50	<5	120	<0.5	<0.5	14	<0.5	<0.5

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-8139

16304 Foothill Boulevard

San Leandro, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
MW-9 (cont)	08/09/04	<50	<5	61	<0.5	<0.5	7	<0.5	<0.5
	11/08/04	<50	<5	74	<0.5	<0.5	9	<0.5	<0.5
	02/07/05[2]	<250	<25	3,200	<3	<3	520	<3	<3
	05/06/05	<50	<5	45	<0.5	<0.5	6	<0.5	<0.5
	08/05/05	<50	<5	1	<0.5	<0.5	<0.5	<0.5	<0.5
	11/04/05	--	<5	130	--	--	15	--	--
	02/01/06	--	<5	27	--	--	0.9	--	--
	05/03/06	--	<5	82	--	--	12		
	08/02/06	--	<5	85	--	--	12	--	--
	10/31/06	--	<5	280	--	--	54	--	--
	01/30/07	--	<2	2	--	--	<0.5	--	--
	05/01/07	--	<2	480	--	--	120	--	--
	07/31/07	--	<2	3	--	--	<0.5	--	--
	11/01/07	--	<2	170	--	--	41	--	--
	02/12/08	--	<2	56	--	--	11	--	--
	05/13/08	--	<2	35	--	--	5	--	--
	08/19/08	--	<2	29	--	--	5	--	--
	11/18/08	--	<2	45	--	--	7	--	--
	03/13/09	--	<2	23	--	--	4	--	--
	05/04/09	NOT SAMPLED	--	--	--	--	--	--	--
	MONITORING/SAMPLING DISCONTINUED								
	08/05/11	**--**	**<2**	**10**	**--**	**--**	**1**	**--**	**--**
MW-10	11/04/02	--	<100	<2	<2	<2	<2	<2	<2
	08/11/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/10/03[1]	--	--	<0.5	--	--	--	--	--
	02/09/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	05/10/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/09/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/08/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/07/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	05/06/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/05/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	MONITORING/SAMPLING DISCONTINUED								
	08/05/11	**--**	**<2**	**<0.5**	**--**	**--**	**<0.5**	**--**	**--**

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-8139

16304 Foothill Boulevard

San Leandro, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
MW-11	11/04/02	--	<100	<2	<2	<2	<2	<2	<2
	08/11/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/10/03[1]	--	--	<0.5	--	--	--	--	--
	02/09/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	05/10/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/09/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/08/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/07/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	05/06/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/05/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	MONITORING/SAMPLING DISCONTINUED								
	08/05/11	**--**	**<2**	**<0.5**	**--**	**--**	**<0.5**	**--**	**--**
MW-12	11/04/02	--	<100	<2	<2	<2	<2	<2	<2
	08/11/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/10/03[1]	--	--	<0.5	--	--	--	--	--
	02/09/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	05/10/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/09/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/08/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/07/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	05/06/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/05/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/01/06[3]	--	--	--	--	--	--	--	--
	05/03/06	--	<5	<0.5	--	--	<0.5	--	--
	01/30/07	--	<2	<0.5	--	--	<0.5	--	--
	11/01/07	SAMPLED ANNUALLY		--	--	--	--	--	--
	02/12/08	--	<2	<0.5	--	--	<0.5	--	--
	03/13/09	--	<2	<0.5	--	--	<0.5	--	--
	02/03/10	--	<2	<0.5	--	--	<0.5	--	--
	08/05/11	**--**	**<2**	**<0.5**	**--**	**--**	**<0.5**	**--**	**--**
MW-13	11/04/02	--	<100	<2	<2	<2	<2	<2	<2
	08/11/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/10/03[1]	--	--	<0.5	--	--	--	--	--
	02/09/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
MW-13 (cont)	05/10/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/09/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/08/04	<50	<5	400	<0.5	<0.5	59	<0.5	<0.5
	02/07/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	05/06/05	<100	<10	570	<1	<1	48	<1	<1
	08/05/05	<50	<5	470	<0.5	<0.5	52	<0.5	<0.5
	MONITORING/SAMPLING DISCONTINUED								
	08/05/11	**--**	**<2**	**1,700**	**--**	**--**	**260**	**--**	**--**
MW-14	11/04/02	--	<100	4,700	<2	<2	680	<2	<2
	02/05/03	--	--	4,500	--	--	--	--	--
	05/07/03	--	--	1,800	--	--	--	--	--
	08/11/03	<100	<10	1,500	<1	<1	270	<1	<1
	11/10/03[1]	--	--	1,700	--	--	--	--	--
	02/09/04	<100	<10	1,700	<1	<1	230	<1	<1
	05/10/04	<50	<5	630	<0.5	<0.5	96	<0.5	<0.5
	08/09/04	<100	<10	570	<1	<1	76	<1	<1
	11/08/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/07/05	<50	<5	280	<0.5	<0.5	41	<0.5	<0.5
	05/06/05	<50	<5	55	<0.5	<0.5	6	<0.5	<0.5
	08/05/05	<50	<5	69	<0.5	<0.5	8	<0.5	<0.5
	11/04/05	--	<5	32	--	--	4	--	--
	02/01/06	--	<5	34	--	--	3	--	--
	05/03/06	--	<5	260	--	--	34	--	--
	08/02/06	--	<5	74	--	--	8	--	--
	10/31/06	--	<5	6	--	--	<0.5	--	--
	01/30/07	--	<2	4	--	--	<0.5	--	--
	05/01/07	--	<2	3	--	--	<0.5	--	--
	07/31/07	--	<2	<0.5	--	--	<0.5	--	--
	11/01/07	--	<2	<0.5	--	--	<0.5	--	--
	02/12/08	--	<2	<0.5	--	--	<0.5	--	--
	05/13/08	--	<2	14	--	--	2	--	--
	08/19/08	--	<2	1,000	--	--	160	--	--
	11/18/08	--	<2	140	--	--	19	--	--
	03/13/09	--	<2	150	--	--	18	--	--
	05/04/09	--	<2	590	--	--	83	--	--
	08/18/09	--	<2	360	--	--	50	--	--

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-8139

16304 Foothill Boulevard

San Leandro, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
MW-14 (cont)	11/23/09	--	<2	110	--	--	15	--	--
	02/03/10	--	18	160	--	--	24	--	--
	08/23/10	--	<2	640	--	--	110	--	--
	08/05/11	--	**<2**	**<0.5**	--	--	**<0.5**	--	--
EW-2	11/04/02	--	550	5,600	<2.0	<2.0	850	<2.0	<2.0
	02/05/03	--	--	1,700	--	--	--	--	--
	05/07/03	--	--	2,400	--	--	--	--	--
	08/11/03	<50	47	350	<0.5	<0.5	120	<0.5	<0.5
	11/10/03[1]	--	--	1,500	--	--	--	--	--
	02/09/04	<50	110	840	<0.5	<0.5	250	<0.5	<0.5
	05/10/04	<200	300	3,800	<2	<2	640	<2	<2
	08/09/04	<500	<50	3,000	<5	<5	480	<5	<5
	11/08/04	<50	33	240	<0.5	<0.5	110	<0.5	<0.5
	02/07/05	<50	42	390	<0.5	<0.5	140	<0.5	<0.5
	05/06/05	<100	120	430	<1	<1	160	<1	<1
	08/05/05	<50	360	1,300	<0.5	<0.5	390	<0.5	<0.5
	11/04/05	--	210	1,200	--	--	340	--	--
	02/01/06	--	130	1,400	--	--	290	--	--
	05/03/06	--	260	440	--	--	120	--	--
	08/02/06	--	120	350	--	--	76	--	--
	10/31/06	--	130	910	--	--	210	--	--
	01/30/07	--	13	330	--	--	46	--	--
	05/01/07	--	44	690	--	--	130	--	--
	07/31/07	--	100	860	--	--	200	--	--
	11/01/07	--	120	760	--	--	200	--	--
	02/12/08	--	8	110	--	--	27	--	--
	05/13/08	--	35	310	--	--	70	--	--
	08/19/08	--	59	430	--	--	120	--	--
	11/18/08	--	29	210	--	--	49	--	--
	03/13/09	--	5	26	--	--	7	--	--
	05/04/09	--	31	170	--	--	44	--	--
	08/18/09	--	10	57	--	--	13	--	--
	11/23/09	SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--
	02/03/10	--	<2	14	--	--	2	--	--
	08/23/10	--	34	170	--	--	37	--	--
	08/05/11	--	**<2**	**0.8**	--	--	**<0.5**	--	--

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
EW-3	11/04/02	--	<100	<2	<2	<2	<2	<2	<2
	05/07/03	--	--	170	--	--	--	--	--
	08/11/03	<50	<5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5
	11/10/03[1]	--	--	0.8	--	--	--	--	--
	02/09/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	05/10/04	<50	<5	2	<0.5	<0.5	0.6	<0.5	<0.5
	08/09/04	<50	<5	190	<0.5	<0.5	51	<0.5	<0.5
	11/08/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/07/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	05/06/05	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/05/05	<50	<5	5	<0.5	<0.5	0.7	<0.5	<0.5
	11/04/05	--	<5	0.8	--	--	<0.5	--	--
	02/01/06	--	<5	5	--	--	0.6	--	--
	05/03/06	--	<5	43	--	--	10	--	--
	08/02/06	--	<5	10	--	--	1	--	--
	10/31/06	--	<5	12	--	--	2	--	--
	07/31/07	--	<4	<1	--	--	<1	--	--
	01/30/07	--	<2	<0.5	--	--	<0.5	--	--
	05/01/07	--	<2	3	--	--	<0.5	--	--
	11/01/07	--	<2	0.5	--	--	<0.5	--	--
	02/12/08	--	<2	0.5	--	--	0.5	--	--
	05/13/08	--	<2	<0.5	--	--	<0.5	--	--
	08/19/08	--	<2	<0.5	--	--	<0.5	--	--
	11/18/08	--	<2	<0.5	--	--	<0.5	--	--
	03/13/09	--	<2	<0.5	--	--	<0.5	--	--
	05/04/09	--	<2	<0.5	--	--	<0.5	--	--
	08/18/09	--	5	<0.5	--	--	<0.5	--	--
	11/23/09	SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--
	02/03/10	--	<2	<0.5	--	--	<0.5	--	--
	08/23/10	--	<2	<0.5	--	--	<0.5	--	--
	08/05/11	**--**	**>2**	**<0.5**	**--**	**--**	**<0.5**	**--**	**--**

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-8139

16304 Foothill Boulevard

San Leandro, California

EXPLANATIONS:

TBA = t-Butyl alcohol

MTBE = Methyl Tertiary Butyl Ether

DIPE = di-Isopropyl ether

ETBE = Ethyl t-butyl ether

TAME = t-Amyl methyl ether

1,2-DCA = 1,2-Dichloroethane

EDB = 1,2-Dibromoethane

(µg/L) = Micrograms per liter

-- = Not Analyzed

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

[1] Analysis inadvertently omitted.

[2] Current laboratory analytical results do not coincide with historical data, and although the laboratory results were confirmed; it appears that the samples were switched.

[3] Due to an oversight; this well was not sampled.

CHEVRON SERVICE STATION #9-8139
San Leandro, CA

WELL REDEVELOPMENT OF
August 1, 2011

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.

As requested by Chevron Environmental Management Company, the purge water and decontamination water generated during sampling activities is transported by IWM to Chemical Waste Management located in Kettleman Hills, California.

GETTLER-RYAN INC.

WELL MONITORING/DEVELOPMENT FIELD DATA SHEET

Client/Facility#: Chevron #9-8139 Job Number: 386461
Site Address: 16304 Foothill Blvd. Event Date: 8-1-11 (inclusive)
City: San Leandro, CA Sampler: FT

Well ID MW-9 Date Monitored: 8-1-11
Well Diameter 2 in.
Initial Total Depth 26.83 ft.
Final Total Depth 26.83 ft.
Depth to Water 12.38 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

14.45 xVF .17 = 2.45 x10 case volume = Estimated Purge Volume: 24.5 gal.

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

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): 1100 Weather Conditions: CLOUDY/SUNNY
Sample Time/Date: — / — Water Color: CLEAR Odor: Y / (N)
Approx. Flow Rate: 2.5 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)
1101	2.5	7.35	438	19.7		
1102	5.0	7.32	437	19.6		
1103	7.5	7.31	437	19.5		
1104	10.0	7.30	438	19.4		
1105	12.5	7.30	436	19.3		
1106	15.0	7.29	435	19.6		
1107	17.5	7.27	438	19.7		
1108	20.0	7.25	437	19.7		
1109	22.5	7.24	438	19.6		
1111	25.0	7.23	440	19.5		

LABORATORY INFORMATION

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

COMMENTS: INITIAL CGI READING: 10 ppm

DEVELOP ONLY

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

GETTLER-RYAN INC.

WELL MONITORING/DEVELOPMENT FIELD DATA SHEET

Client/Facility#: **Chevron #9-8139** Job Number: **386461**

Site Address: **16304 Foothill Blvd.** Event Date: X.1.11 (inclusive)

City: **San Leandro, CA** Sampler: MNN Present

Well ID **MW-5** Date Monitored: X.1.11

Well Diameter **2** in.

Initial Total Depth 28.93 ft.

Final Total Depth 28.93 ft.

Depth to Water 12.65 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

16.28 xVF .17 = 2.76 x10 case volume = Estimated Purge Volume: 27.60 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.90

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): 11:44 Weather Conditions: SUNNY

Sample Time/Date: — / — Water Color: CLEAR Odor: Y (N) None

Approx. Flow Rate: 2 gpm. Sediment Description: CLEAR

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

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature (C) F)	D.O. (mg/L)	ORP (mV)
11:46	3	7.81	333	20.1		
11:48	6	7.85	334	19.9		
11:49	9	7.81	334	19.9		
11:51	12	7.81	332	19.7		
11:52	15	7.80	332	19.6		
11:54	18	7.80	316	19.7		
11:55	21	7.80	332	19.6		
11:57	24	7.79	332	19.6		
11:58	27	7.79	332	19.6		
12 NOON	30	7.80	331	19.6		

LABORATORY INFORMATION

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

COMMENTS: INITIAL CGI READING: 10 ppm

DEVELOP ONLY

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

GETTLER-RYAN INC.

WELL MONITORING/DEVELOPMENT FIELD DATA SHEET

Client/Facility#: **Chevron #9-8139** Job Number: **386461**

Site Address: **16304 Foothill Blvd.** Event Date: 8.1.11 (inclusive)

City: **San Leandro, CA** Sampler: WINN PACULBA

Well ID **MW-11** Date Monitored: 8.1.11

Well Diameter **2** in.

Initial Total Depth 29.24 ft.

Final Total Depth 29.24 ft.

Depth to Water 11.32 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

17.92 xVF 17 = 3.04 x10 case volume = Estimated Purge Volume: 30+ gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.90

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): 9:50 Weather Conditions: OVERCAST

Sample Time/Date: N/A Water Color: CLEAR Odor: Y / (N) NONE

Approx. Flow Rate: 2 gpm. Sediment Description: CLEAR

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

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
10:07	3.25	8.98	143	20.2		
10:08	6.50	8.68	147	20.1		
10:10	9.75	8.45	149	20.1		
10:11	13.00	8.36	125	20.2		
10:13	16.25	8.30	147	20.1		
10:14	19.50	8.24	150	20.1		
10:16	22.75	8.20	150	20.1		
10:17	26.00	8.16	152	20.1		
10:19	29.25	8.16	151	20.0		
10:20	32.50	8.16	151	20.0		

LABORATORY INFORMATION

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

COMMENTS: **INITIAL CGI READING:** 15 PPM

DEVELOP ONLY

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

GETTLER-RYAN INC.

WELL MONITORING/DEVELOPMENT FIELD DATA SHEET

Client/Facility#: Chevron #9-8139 | Job Number: 386461
Site Address: 16304 Foothill Blvd. | Event Date: 8.1.11 (inclusive)
City: San Leandro, CA | Sampler: FT

Well ID: MW-13 | Date Monitored: 8.1.11
Well Diameter: 2 in.
Initial Total Depth: 33.51 ft.
Final Total Depth: 33.53 ft.
Depth to Water: 10.58 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.

22.93 xVF .17 = 3.89 x10 case volume = Estimated Purge Volume: 39.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 15.16

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): 1000 | Weather Conditions: Cloudy
Sample Time/Date: — / 8.1.11 | Water Color: CLOUDY/LT BRN Odor: Y / (N)
Approx. Flow Rate: 2.0 gpm. | Sediment Description: S. SILTY
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)
1002	4.0	7.14	443	20.1		
1004	8.0	7.13	440	20.0		
1006	12.0	7.15	439	20.2		
1010	16.0	7.14	437	20.3		
1014	20.0	7.16	438	20.2		
1018	24.0	7.18	437	20.3		
1022	28.0	7.22	438	20.3		
1026	32.0	7.23	436	20.4		
1030	36.0	7.25	437	20.3		
1034	40.0	7.26	438	20.2		

slow recovery

LABORATORY INFORMATION

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

COMMENTS: INITIAL CGI READING: BOUNT L. 8" OK 15 PPM

DEVELOP ONLY

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

CHEVRON SERVICE STATION #9-8139
San Leandro, CA

QUARTERLY MONITORING & SAMPLING EVENT
August 5, 2011

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-8139 Job Number: 386461
Site Address: 16304 Foothill Blvd. Event Date: 8/5/11 (inclusive)
City: San Leandro, CA Sampler: SH

Well ID MW-8 Date Monitored: 8/5/11
Well Diameter 2/4
Total Depth 29.85 ft.
Depth to Water 11.79 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.

18.06 xVF .17 = 3.07 x3 case volume = Estimated Purge Volume: 9.21 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 15.40

Purge Equipment:
Disposable Bailer
Stainless Steel Bailer
Stack Pump X
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): 1010 Weather Conditions: Cloudy
Sample Time/Date: 1045 / 8/5/11 Water Color: Cloudy Odor: Y / (N)
Approx. Flow Rate: 1 gpm. Sediment Description: Light
Did well de-water? No If yes, Time: Volume: gal. DTW @ Sampling: 14.06

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (S))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
1013	3	7.38	566	20.9		
1018	6	7.20	601	20.5		
1021	9	7.04	634	20.4		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-8	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)/ TAME+TBA (8260)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #9-8139** Job Number: **386461**

Site Address: **16304 Foothill Blvd.** Event Date: 8/5/11 (inclusive)

City: **San Leandro, CA** Sampler: SH

Well ID MW-9 Date Monitored: 8/5/11

Well Diameter (2) 4

Total Depth 26.80 ft.

Depth to Water 12.35 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.

14.45 xVF 0.17 = 2.45 x3 case volume = Estimated Purge Volume: 7.36 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 15.24

Purge Equipment:

Disposable Bailer	
Stainless Steel Bailer	
Stack Pump	X
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): 0920 Weather Conditions: Cloudy

Sample Time/Date: 0955 / 8/5/11 Water Color: Cloudy Odor: Y / (N)

Approx. Flow Rate: 1 gpm. Sediment Description: Light

Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 14.77

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (S))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
0923	2.5	7.51	579	20.8		
0926	5.0	7.40	560	20.7		
0929	7.5	7.32	528	20.4		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)/ TAME+TBA (8260)
MW-9					

COMMENTS: _____

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #9-8139** Job Number: **386461**

Site Address: **16304 Foothill Blvd.** Event Date: 8/5/11 (inclusive)

City: **San Leandro, CA** Sampler: JH

Well ID MW-10 Date Monitored: 8/5/11

Well Diameter (2)/4

Total Depth 29.26 ft.

Depth to Water 12.61 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.

16.65 xVF .17 = 2.83 x3 case volume = Estimated Purge Volume: 8.49 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 15.44

Purge Equipment:

Disposable Bailer	
Stainless Steel Bailer	
Stack Pump	X
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): 0830 Weather Conditions: cloudy

Sample Time/Date: 0905 / 8/5/11 Water Color: cloudy Odor: Y / (N)

Approx. Flow Rate: 1 gpm. Sediment Description: Light

Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 14.80

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (S))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
0833	3	7.21	625	20.6		
0836	6	7.09	632	20.4		
0839	8.5	7.11	647	20.3		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)/ TAME+TBA (8260)
MW-10					

COMMENTS: 8" Marina

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-8139 Job Number: 386461
Site Address: 16304 Foothill Blvd. Event Date: 8/5/11 (inclusive)
City: San Leandro, CA Sampler: JH

Well ID MW-11 Date Monitored: 8/5/11
Well Diameter (2) 4 in.
Total Depth 29.22 ft.
Depth to Water 11.32 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.

17.90 xVF 17 = 3.04 x3 case volume = Estimated Purge Volume: 9.12 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.90

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

Sampling Equipment:
Disposable Bailer X
Pressure Bailer
Discrete Bailer
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:
Product Transferred to:

Start Time (purge): 1115 Weather Conditions: cloudy
Sample Time/Date: 1140 / 8/5/11 Water Color: clear Odor: Y / (N)
Approx. Flow Rate: 1 gpm. Sediment Description: Low silt
Did well de-water? no If yes, Time: Volume: gal. DTW @ Sampling: 14.26

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1118	3	7.48	225	21.1		
1121	6	7.40	248	21.0		
1124	9	7.32	271	20.7		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-11	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)/ TAME+TBA (8260)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-8139 | Job Number: 386461
Site Address: 16304 Foothill Blvd. | Event Date: 8/5/11 (inclusive)
City: San Leandro, CA | Sampler: JH

Well ID: MW-12 | Date Monitored: 8/5/11
Well Diameter: (2) 4
Total Depth: 28.19 ft.
Depth to Water: 11.09 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

17.10 xVF .17 = 2.90 x3 case volume = Estimated Purge Volume: 8.72 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.51

Purge Equipment:

Disposable Bailer	
Stainless Steel Bailer	
Stack Pump	X
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): 1155 | Weather Conditions: cloudy
Sample Time/Date: 1220 / 8/5/11 | Water Color: cloudy | Odor: Y / (N)
Approx. Flow Rate: 1 gpm. | Sediment Description: L, Silt
Did well de-water? No | If yes, Time: _____ | Volume: _____ gal. | DTW @ Sampling: 14.26

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (uS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1158	3	7.05	720	20.8		
1201	6	6.93	709	20.6		
1204	9	6.84	681	20.1		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-12	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)/ TAME+TBA (8260)

COMMENTS: _____

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: (1) 3/8" 3.17

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #9-8139** Job Number: **386461**

Site Address: **16304 Foothill Blvd.** Event Date: 8/5/11 (inclusive)

City: **San Leandro, CA** Sampler: JH

Well ID MW-13 Date Monitored: 8/5/11

Well Diameter (2)4

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

Total Depth 34.60 ft.

Depth to Water 10.60 ft. ☐ Check if water column is less then 0.50 ft.

23.40 xVF .17 = 3.97 x3 case volume = Estimated Purge Volume: 11.93 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 15.28

Purge Equipment:

Disposable Bailer	
Stainless Steel Bailer	
Stack Pump	X
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): 1240 Weather Conditions: Cloudy
Sample Time/Date: 1320 / 8/5/11 Water Color: Clear Odor: (Y) N Light
Approx. Flow Rate: 1 gpm. Sediment Description: Light
Did well de-water? No If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 15.04

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1244	4	7.24	560	21.2		
1248	8	7.20	594	21.0		
1252	12	7.09	607	20.9		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-D	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)/ TAME+TBA (8260)

COMMENTS: _____

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #9-8139** Job Number: **386461**

Site Address: **16304 Foothill Blvd.** Event Date: 8/5/11 (inclusive)

City: **San Leandro, CA** Sampler: SH

Well ID MW-14 Date Monitored: 8/5/11

Well Diameter (2)/4

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

Total Depth 26.41 ft.

Depth to Water 11.43 ft. ☐ Check if water column is less then 0.50 ft.

14.98 xVF .17 = 2.54 x3 case volume = Estimated Purge Volume: 7.63 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.42

Purge Equipment:

Disposable Bailer	
Stainless Steel Bailer	
Stack Pump	X
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): 1340 Weather Conditions: Cloudy

Sample Time/Date: 1420 / 8/5/11 Water Color: Cloudy Odor: Y / (N)

Approx. Flow Rate: 1 gpm. Sediment Description: Lights

Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 14.17

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
1343	2.5	7.24	561	21.3		
1346	5.0	7.20	577	21.1		
1349	7.5	7.05	590	21.0		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)/ TAME+TBA (8260)
MW-14					

COMMENTS: _____

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-8139 Job Number: 386461
Site Address: 16304 Foothill Blvd. Event Date: 8/5/11 (inclusive)
City: San Leandro, CA Sampler: JH

Well ID EW-2 Date Monitored: 8/5/11
Well Diameter 2 (4)
Total Depth 30.38 ft.
Depth to Water 11.70 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.

18.68 xVF .66 = 12.32 x3 case volume = Estimated Purge Volume: 36.98 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 15.43

Purge Equipment:
Disposable Bailer
Stainless Steel Bailer
Stack Pump X
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): 0730 Weather Conditions: Cloudy
Sample Time/Date: 1445 / 8/5/11 Water Color: Cloudy Odor: Y / (N)
Approx. Flow Rate: 1 gpm. Sediment Description: Lt Brn
Did well de-water? ~~N~~ Yes If yes, Time: 0757 Volume: 27 gal. DTW @ Sampling: 13.89

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (µS))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
0742	12	7.43	697	21.9		
0754	24	7.29	673	21.7		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)/ TAME+TBA (8260)
EW-2					

COMMENTS: 12" Morrison

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-8139 Job Number: 386461
Site Address: 16304 Foothill Blvd. Event Date: 8/5/11 (inclusive)
City: San Leandro, CA Sampler: JH

Well ID EW-3 Date Monitored: 8/5/11
Well Diameter 2 (4)
Total Depth 30.02 ft.
Depth to Water 11.63 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.

18.39 xVF .66 = 12.13 x3 case volume = Estimated Purge Volume: 36.41 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 15.30

Purge Equipment:

Disposable Bailer	
Stainless Steel Bailer	
Stack Pump	X
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): 0650 Weather Conditions: Cloudy
Sample Time/Date: 1510 / 8/5/11 Water Color: Cloudy Odor: Y / (N)
Approx. Flow Rate: 1 gpm. Sediment Description: Light
Did well de-water? Yes If yes, Time: 0715 Volume: 25 gal. DTW @ Sampling: 14.20

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (S))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0702	12	7.74	681	21.8		
0714	24	7.69	675	21.6		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
EW-3	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)/ TAME+TBA (8260)

COMMENTS: 12" Moisture

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

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories

080811-02

For Lancaster Laboratories use only
Acct. #: 12099 Sample # 6369882-90 Group #: 005740

CRA MTI Project #: 61H-1971

1260606

Facility #: SS#9-8139 G-R#386461 Global ID#T0600100303
Site Address: 16304 FOOTHILL BLVD., SAN LEANDRO, 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: J. Hern

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	Dissolved Lead Method	Tune + TIC (8260)
MW-8	8/5/11	1045	X			X			6	X	X						X
MW-9		0955	X			X			6	X	X						X
MW-10		0905	X			X			6	X	X						X
MW-11		1140	X			X			6	X	X						X
MW-12		1220	X			X			6	X	X						X
MW-13		1320	X			X			6	X	X						X
MW-14		1420	X			X			6	X	X						X
EW-2		1445	X			X			6	X	X						X
EW-3	↓	1510	X			X			6	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

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

Data Package Options (please circle if required)
QC Summary Type I - Full EDF/EDD
Type VI (Raw Data) ☐ Coelt Deliverable not needed
WIP (RWQCB)
Disk

	Date	Time		Date	Time
Relinquished by:	8/5/11	1700	Received by: GETTLER-RYAN FRIDGE	8/5/11	1700
Relinquished by:	8/8/11	1300	Received by:	8/8/11	1300
Relinquished by:	8/8/11	1630	Received by: FEDEX		
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:	8/9/11	0900
Temperature Upon Receipt 1.5-2.2 C°			Custody Seals Intact? Yes No		

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

August 18, 2011

Project: 98139

Submittal Date: 08/09/2011
Group Number: 1260606
PO Number: 98139
Release Number: MTI
State of Sample Origin: CA

Client Sample Description	Lancaster Labs (LLI) #
MW-8-W-110805 Grab Water	6369882
MW-9-W-110805 Grab Water	6369883
MW-10-W-110805 Grab Water	6369884
MW-11-W-110805 Grab Water	6369885
MW-12-W-110805 Grab Water	6369886
MW-13-W-110805 Grab Water	6369887
MW-14-W-110805 Grab Water	6369888
EW-2-W-110805 Grab Water	6369889
EW-3-W-110805 Grab Water	6369890

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 c/o CRA	Attn: Report Contact
ELECTRONIC COPY TO	Chevron	Attn: Anna Avina

Lancaster Laboratories

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Analysis Report

Questions? Contact your Client Services Representative
Jill M Parker at (717) 656-2300 Ext. 1241

Respectfully Submitted,

Marla S. Lord
Senior Specialist

Lancaster Laboratories

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

Analysis Report

Sample Description: MW-8-W-110805 Grab Water
Facility# 98139 Job# 386461 MTI# 61H-1971 GRD
16304 Foothill-San Leandr T0600100303 MW-8

LLI Sample # WW 6369882
LLI Group # 1260606
Account # 12099

Project Name: 98139

Collected: 08/05/2011 10:45 by JH

Submitted: 08/09/2011 09:10
Reported: 08/18/2011 20:03

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

RSLM8

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	t-Amyl methyl ether	994-05-8	220	1	2
10943	Benzene	71-43-2	N.D.	0.5	1
10943	t-Butyl alcohol	75-65-0	N.D.	2	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	1,400	1	2
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.	290	50	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/TAME/TBA - Water	SW-846 8260B	1	P112223AA	08/11/2011 02:07	Kevin A Sposito	2
10943	BTEX/MTBE/TAME/TBA - Water	SW-846 8260B	1	D112272AA	08/16/2011 03:35	Kelly E Keller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P112223AA	08/11/2011 02:07	Kevin A Sposito	2
01163	GC/MS VOA Water Prep	SW-846 5030B	2	D112272AA	08/16/2011 03:35	Kelly E Keller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11224A20A	08/13/2011 15:11	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11224A20A	08/13/2011 15:11	Laura M Krieger	1

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Analysis Report

Sample Description: MW-9-W-110805 Grab Water
Facility# 98139 Job# 386461 MTI# 61H-1971 GRD
16304 Foothill-San Leandr T0600100303 MW-9

LLI Sample # WW 6369883
LLI Group # 1260606
Account # 12099

Project Name: 98139

Collected: 08/05/2011 09:55 by JH

Submitted: 08/09/2011 09:10
Reported: 08/18/2011 20:03

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

RSLM9

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	t-Amyl methyl ether	994-05-8	1	0.5	1
10943	Benzene	71-43-2	N.D.	0.5	1
10943	t-Butyl alcohol	75-65-0	N.D.	2	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	10	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

General Sample Comments

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

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Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE/TAME/TBA - Water	SW-846 8260B	1	P112223AA	08/11/2011 03:03	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P112223AA	08/11/2011 03:03	Kevin A Sposito	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11224A20A	08/13/2011 15:33	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11224A20A	08/13/2011 15:33	Laura M Krieger	1

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Analysis Report

Sample Description: MW-10-W-110805 Grab Water
Facility# 98139 Job# 386461 MTI# 61H-1971 GRD
16304 Foothill-San Leandr T0600100303 MW-10

LLI Sample # WW 6369884
LLI Group # 1260606
Account # 12099

Project Name: 98139

Collected: 08/05/2011 09:05 by JH

Submitted: 08/09/2011 09:10
Reported: 08/18/2011 20:03

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

RSL10

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	t-Amyl methyl ether	994-05-8	N.D.	0.5	1
10943	Benzene	71-43-2	N.D.	0.5	1
10943	t-Butyl alcohol	75-65-0	N.D.	2	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

General Sample Comments

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Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE/TAME/TBA - Water	SW-846 8260B	1	P112223AA	08/11/2011 03:30	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P112223AA	08/11/2011 03:30	Kevin A Sposito	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11224A20A	08/13/2011 15:55	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11224A20A	08/13/2011 15:55	Laura M Krieger	1

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Analysis Report

Sample Description: MW-11-W-110805 Grab Water
Facility# 98139 Job# 386461 MTI# 61H-1971 GRD
16304 Foothill-San Leandr T0600100303 MW-11

LLI Sample # WW 6369885
LLI Group # 1260606
Account # 12099

Project Name: 98139

Collected: 08/05/2011 11:40 by JH

Submitted: 08/09/2011 09:10
Reported: 08/18/2011 20:03

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

RSL11

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	t-Amyl methyl ether	994-05-8	N.D.	0.5	1
10943	Benzene	71-43-2	N.D.	0.5	1
10943	t-Butyl alcohol	75-65-0	N.D.	2	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

General Sample Comments

State of California Lab Certification No. 2501
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Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE/TAME/TBA - Water	SW-846 8260B	1	P112223AA	08/11/2011 03:58	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P112223AA	08/11/2011 03:58	Kevin A Sposito	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11224A20A	08/13/2011 16:17	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11224A20A	08/13/2011 16:17	Laura M Krieger	1

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Analysis Report

Sample Description: MW-12-W-110805 Grab Water
Facility# 98139 Job# 386461 MTI# 61H-1971 GRD
16304 Foothill-San Leandr T0600100303 MW-12

LLI Sample # WW 6369886
LLI Group # 1260606
Account # 12099

Project Name: 98139

Collected: 08/05/2011 12:20 by JH

Submitted: 08/09/2011 09:10
Reported: 08/18/2011 20:03

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

RSL12

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	t-Amyl methyl ether	994-05-8	N.D.	0.5	1
10943	Benzene	71-43-2	N.D.	0.5	1
10943	t-Butyl alcohol	75-65-0	N.D.	2	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

General Sample Comments

State of California Lab Certification No. 2501
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Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE/TAME/TBA - Water	SW-846 8260B	1	P112223AA	08/11/2011 04:25	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P112223AA	08/11/2011 04:25	Kevin A Sposito	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11224A20A	08/13/2011 16:39	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11224A20A	08/13/2011 16:39	Laura M Krieger	1

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Analysis Report

Sample Description: MW-13-W-110805 Grab Water
Facility# 98139 Job# 386461 MTI# 61H-1971 GRD
16304 Foothill-San Leandr T0600100303 MW-13

LLI Sample # WW 6369887
LLI Group # 1260606
Account # 12099

Project Name: 98139

Collected: 08/05/2011 13:20 by JH

Submitted: 08/09/2011 09:10
Reported: 08/18/2011 20:03

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

RSL13

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	t-Amyl methyl ether	994-05-8	260	1	2
10943	Benzene	71-43-2	N.D.	0.5	1
10943	t-Butyl alcohol	75-65-0	N.D.	2	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	1,700	1	2
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.	330	50	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/TAME/TBA - Water	SW-846 8260B	1	P112223AA	08/11/2011 04:53	Kevin A Sposito	2
10943	BTEX/MTBE/TAME/TBA - Water	SW-846 8260B	1	D112272AA	08/16/2011 03:57	Kelly E Keller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P112223AA	08/11/2011 04:53	Kevin A Sposito	2
01163	GC/MS VOA Water Prep	SW-846 5030B	2	D112272AA	08/16/2011 03:57	Kelly E Keller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11224A20A	08/13/2011 17:01	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11224A20A	08/13/2011 17:01	Laura M Krieger	1

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Analysis Report

Sample Description: MW-14-W-110805 Grab Water
Facility# 98139 Job# 386461 MTI# 61H-1971 GRD
16304 Foothill-San Leandr T0600100303 MW-14

LLI Sample # WW 6369888
LLI Group # 1260606
Account # 12099

Project Name: 98139

Collected: 08/05/2011 14:20 by JH

Submitted: 08/09/2011 09:10
Reported: 08/18/2011 20:03

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

RSL14

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	t-Amyl methyl ether	994-05-8	N.D.	0.5	1
10943	Benzene	71-43-2	N.D.	0.5	1
10943	t-Butyl alcohol	75-65-0	N.D.	2	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

General Sample Comments

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

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Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE/TAME/TBA - Water	SW-846 8260B	1	P112223AA	08/11/2011 05:49	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P112223AA	08/11/2011 05:49	Kevin A Sposito	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11224A20A	08/13/2011 17:23	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11224A20A	08/13/2011 17:23	Laura M Krieger	1

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Analysis Report

Sample Description: EW-2-W-110805 Grab Water
Facility# 98139 Job# 386461 MTI# 61H-1971 GRD
16304 Foothill-San Leandr T0600100303 EW-2

LLI Sample # WW 6369889
LLI Group # 1260606
Account # 12099

Project Name: 98139

Collected: 08/05/2011 14:45 by JH

Submitted: 08/09/2011 09:10
Reported: 08/18/2011 20:03

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

RSLE2

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	t-Amyl methyl ether	994-05-8	N.D.	0.5	1
10943	Benzene	71-43-2	N.D.	0.5	1
10943	t-Butyl alcohol	75-65-0	N.D.	2	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	0.8	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

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/TAME/TBA - Water	SW-846 8260B	1	P112223AA	08/11/2011 06:16	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P112223AA	08/11/2011 06:16	Kevin A Sposito	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11224A20A	08/13/2011 17:45	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11224A20A	08/13/2011 17:45	Laura M Krieger	1

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Analysis Report

Sample Description: EW-3-W-110805 Grab Water
Facility# 98139 Job# 386461 MTI# 61H-1971 GRD
16304 Foothill-San Leandr T0600100303 EW-3

LLI Sample # WW 6369890
LLI Group # 1260606
Account # 12099

Project Name: 98139

Collected: 08/05/2011 15:10 by JH

Submitted: 08/09/2011 09:10
Reported: 08/18/2011 20:03

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

RSLE3

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	t-Amyl methyl ether	994-05-8	N.D.	0.5	1
10943	Benzene	71-43-2	N.D.	0.5	1
10943	t-Butyl alcohol	75-65-0	N.D.	2	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

General Sample Comments

State of California Lab Certification No. 2501
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Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE/TAME/TBA - Water	SW-846 8260B	1	P112223AA	08/11/2011 06:44	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P112223AA	08/11/2011 06:44	Kevin A Sposito	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11224A20A	08/13/2011 18:07	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	11224A20A	08/13/2011 18:07	Laura M Krieger	1

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Analysis Report

Quality Control Summary

Client Name: Chevron c/o CRA
Reported: 08/18/11 at 08:03 PM

Group Number: 1260606

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.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: D112272AA	Sample number(s): 6369882,6369887							
Benzene	N.D.	0.5	ug/l	83		79-120		
t-Butyl alcohol	N.D.	2.	ug/l	96		62-129		
Ethylbenzene	N.D.	0.5	ug/l	90		79-120		
Toluene	N.D.	0.5	ug/l	94		79-120		
Xylene (Total)	N.D.	0.5	ug/l	90		80-120		
Batch number: P112223AA	Sample number(s): 6369882-6369890							
t-Amyl methyl ether	N.D.	0.5	ug/l	84		77-120		
Benzene	N.D.	0.5	ug/l	85		79-120		
t-Butyl alcohol	N.D.	2.	ug/l	81		62-129		
Ethylbenzene	N.D.	0.5	ug/l	85		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	94		76-120		
Toluene	N.D.	0.5	ug/l	88		79-120		
Xylene (Total)	N.D.	0.5	ug/l	85		80-120		
Batch number: 11224A20A	Sample number(s): 6369882-6369890							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	100	100	75-135	0	30

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: D112272AA	Sample number(s): 6369882,6369887 UNSPK: P371485								
Benzene	91	91	80-126	0	30				
t-Butyl alcohol	88	89	67-119	1	30				
Ethylbenzene	95	96	71-134	1	30				
Toluene	99	99	80-125	1	30				
Xylene (Total)	92	92	79-125	0	30				
Batch number: P112223AA	Sample number(s): 6369882-6369890 UNSPK: P367750								
t-Amyl methyl ether	88	86	75-122	3	30				
Benzene	90	88	80-126	3	30				
t-Butyl alcohol	83	81	67-119	3	30				
Ethylbenzene	91	88	71-134	3	30				
Methyl Tertiary Butyl Ether	97	94	72-126	3	30				
Toluene	94	91	80-125	4	30				
Xylene (Total)	92	89	79-125	3	30				

*- 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: 08/18/11 at 08:03 PM

Group Number: 1260606

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: D112272AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6369882	98	99	103	94
6369887	95	105	104	93
Blank	93	98	103	94
LCS	93	105	102	98
MS	94	101	102	99
MSD	96	103	102	98
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: P112223AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6369883	95	98	100	95
6369884	95	98	100	95
6369885	95	100	99	94
6369886	95	97	99	96
6369888	94	98	99	95
6369889	95	99	101	97
6369890	94	97	101	96
Blank	93	97	99	94
LCS	94	100	99	94
MS	94	100	100	94
MSD	95	99	99	93
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 11224A20A

	Trifluorotoluene-F
6369882	122
6369883	92
6369884	91
6369885	92
6369886	90
6369887	124
6369888	90
6369889	92
6369890	91
Blank	91
LCS	118
LCSD	119
Limits:	63-135

*- 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: 08/18/11 at 08:03 PM

Group Number: 1260606

*- 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.

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)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< 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

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

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.

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.

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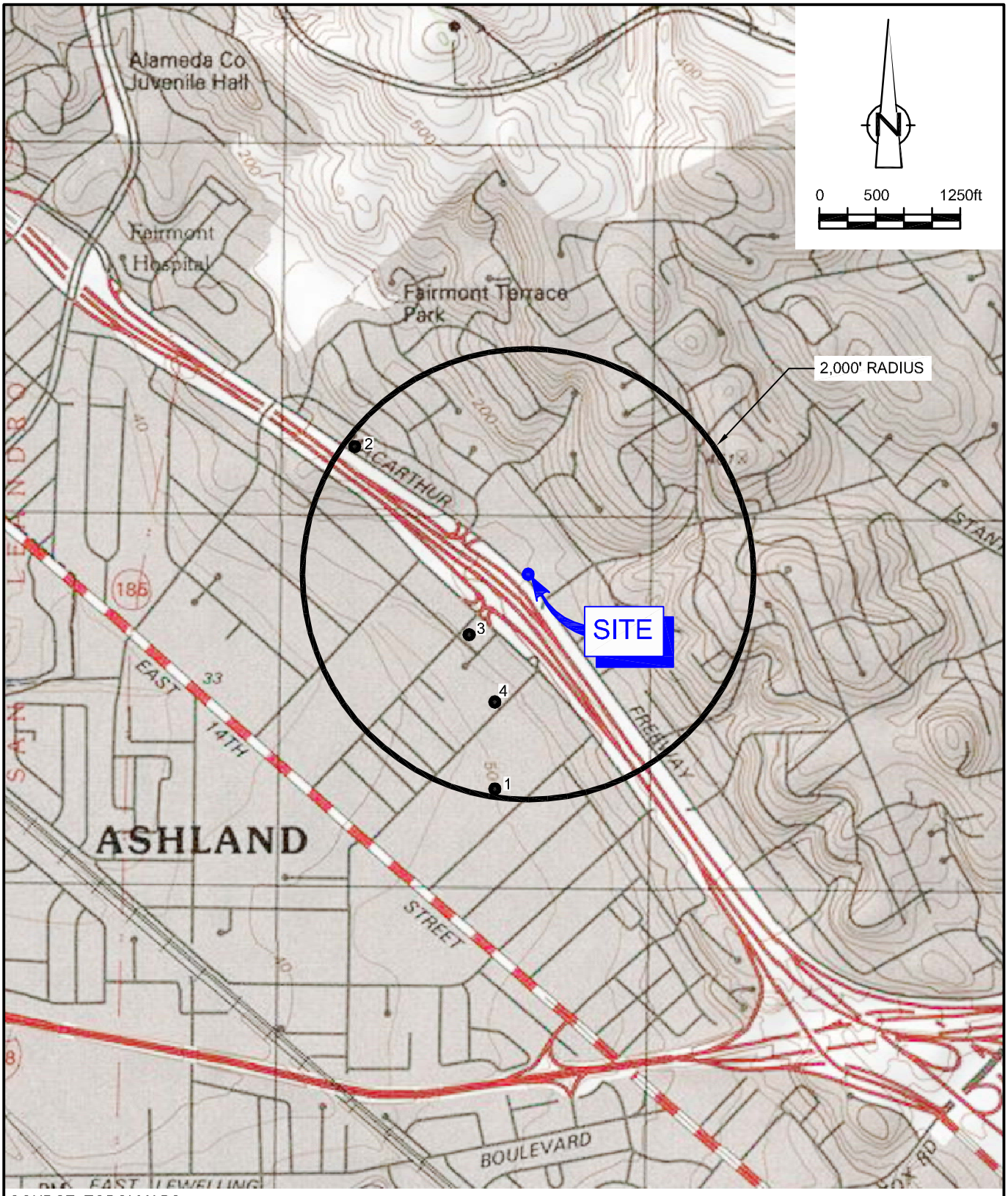
ATTACHMENT C

WELL SURVEY RESULTS

WELL SURVEY RESULTS
CHEVRON STATION 9-8139
16304 FOOTHILL BLVD.
SAN LEANDRO, CALIFORNIA

Well No./ Figure ID	*Well Owner*	*Well Address*		*Total Well Depth (ft)*	*Date Installed*	*Distance/Direction from Site (ft) (approx)*	*Well Use*
		Street	*City*				
1	S. Nieda	1537 165th Ave.	San Leandro	80	1928	2,000 S-SW	Irrigation
2	Umeki Nursery	16001 Foothill Blvd.	San Leandro	75	1937	2,000 NW	Irrigation
3	A. Quilici	1700 163rd Ave.	San Leandro	71	1934	750 SW	Irrigation
4	Woodward	1595 164th Ave.	San Leandro	40	1915	1,200 SW	Irrigation



SOURCE: TOPO! MAPS.

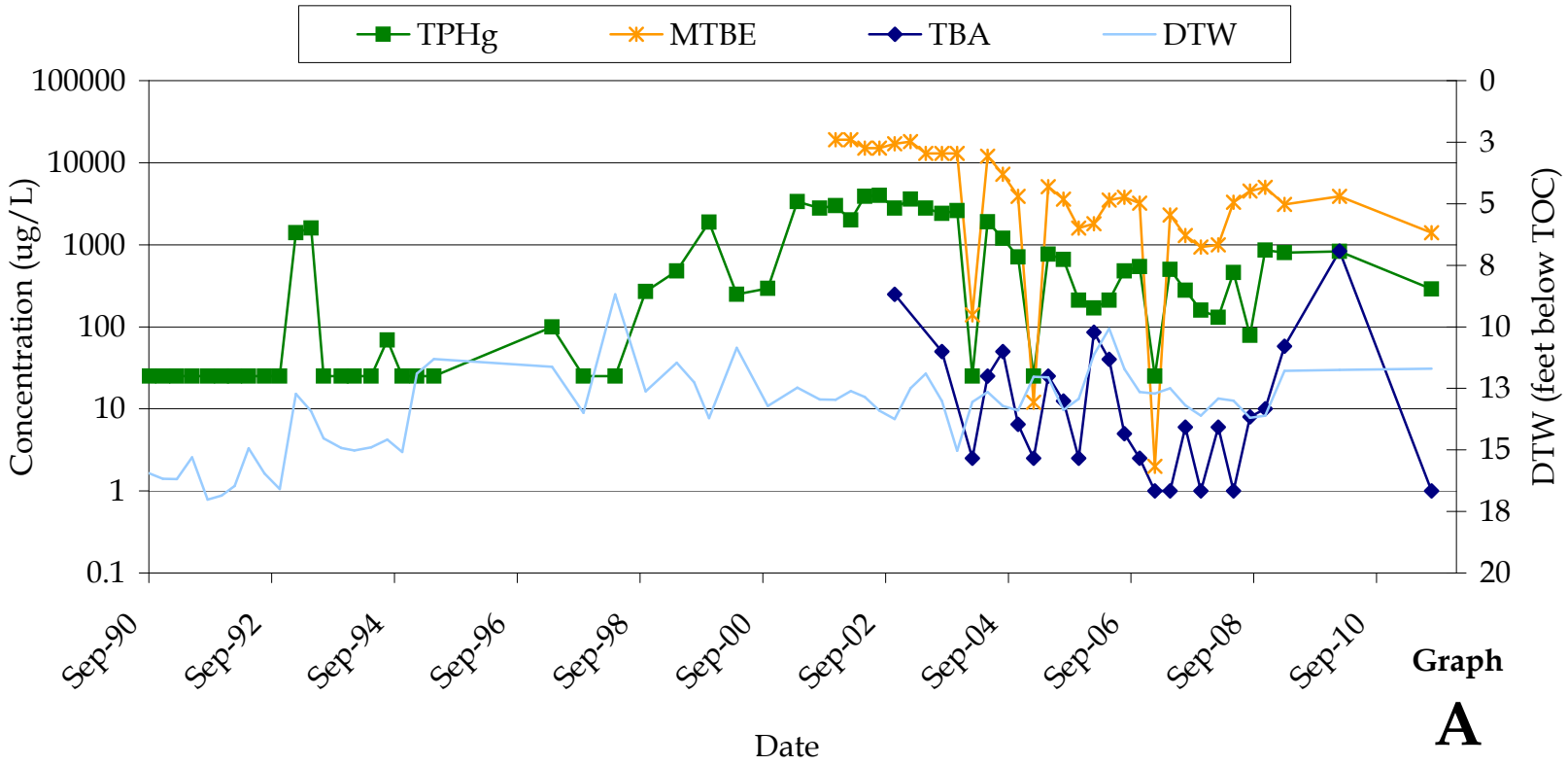
LEGEND

● APPROXIMATE WELL LOCATION

WELL SURVEY MAP
CHEVRON SERVICE STATION 9-8139
16304 FOOTHILL BOULEVARD
San Leandro, California

ATTACHMENT D

UPDATED CONCENTRATION VS TIME GRAPHS AND TREND CALCULATIONS



CHEVRON SERVICE STATION 9-8139
16304 FOOTHILL BOULEVARD
SAN LEANDRO, CALIFORNIA

CONESTOGA-ROVERS & ASSOCIATES

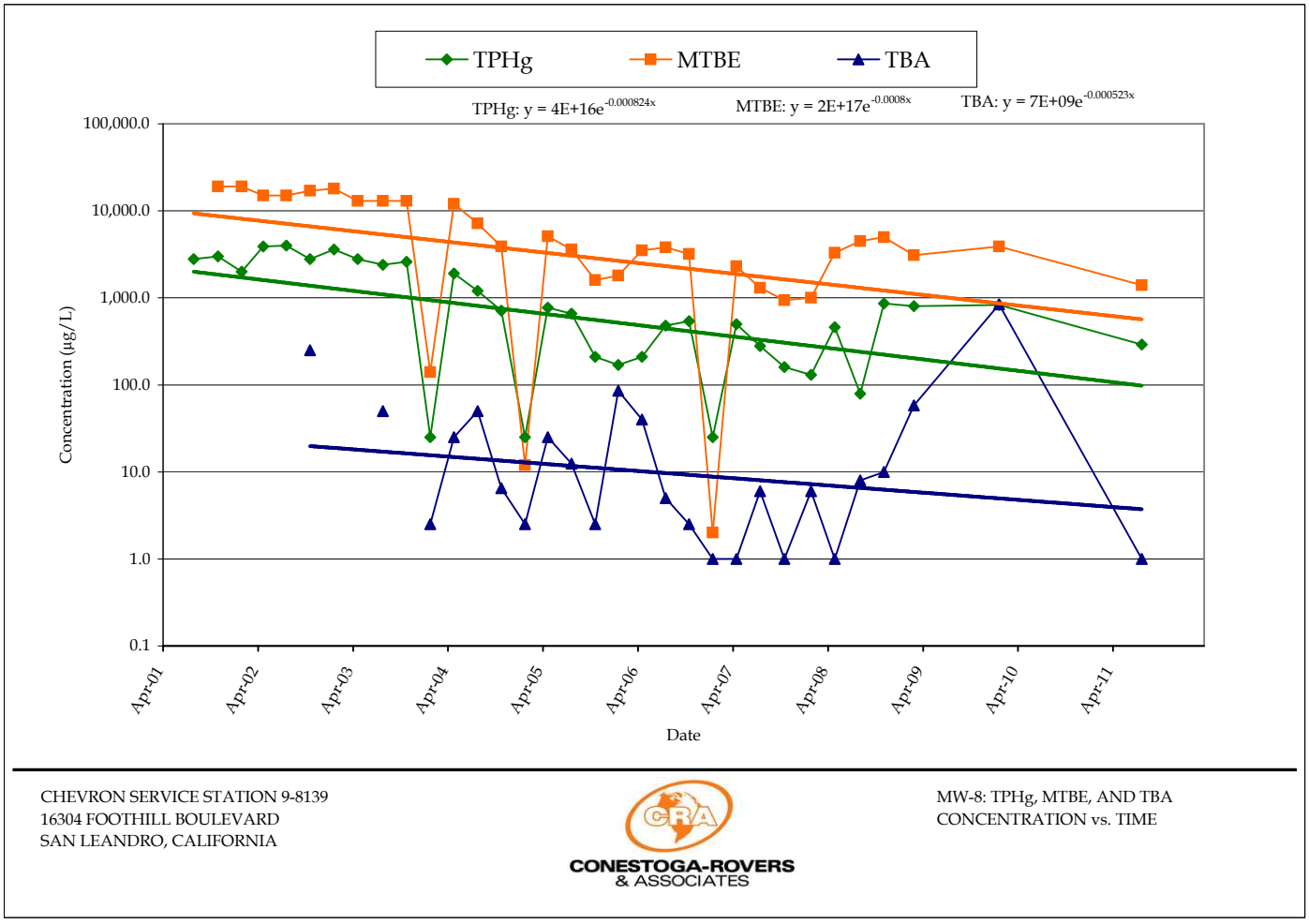
MW-8: TPHg, MTBE, AND TBA
CONCENTRATIONS vs. TIME

PREDICTED TIME TO REACH TPHg, MTBE, AND TBA ESLs IN MW-8
CHEVRON STATION 9-8139
16304 FOOTHILL BOULEVARD
SAN LEANDRO, CALIFORNIA

$y = b\,e^{ax}$ **===>** $x = \ln(y/b) / a$

where: y = concentration in µg/L a = decay constant
b = concentration at time (x) x = time in days

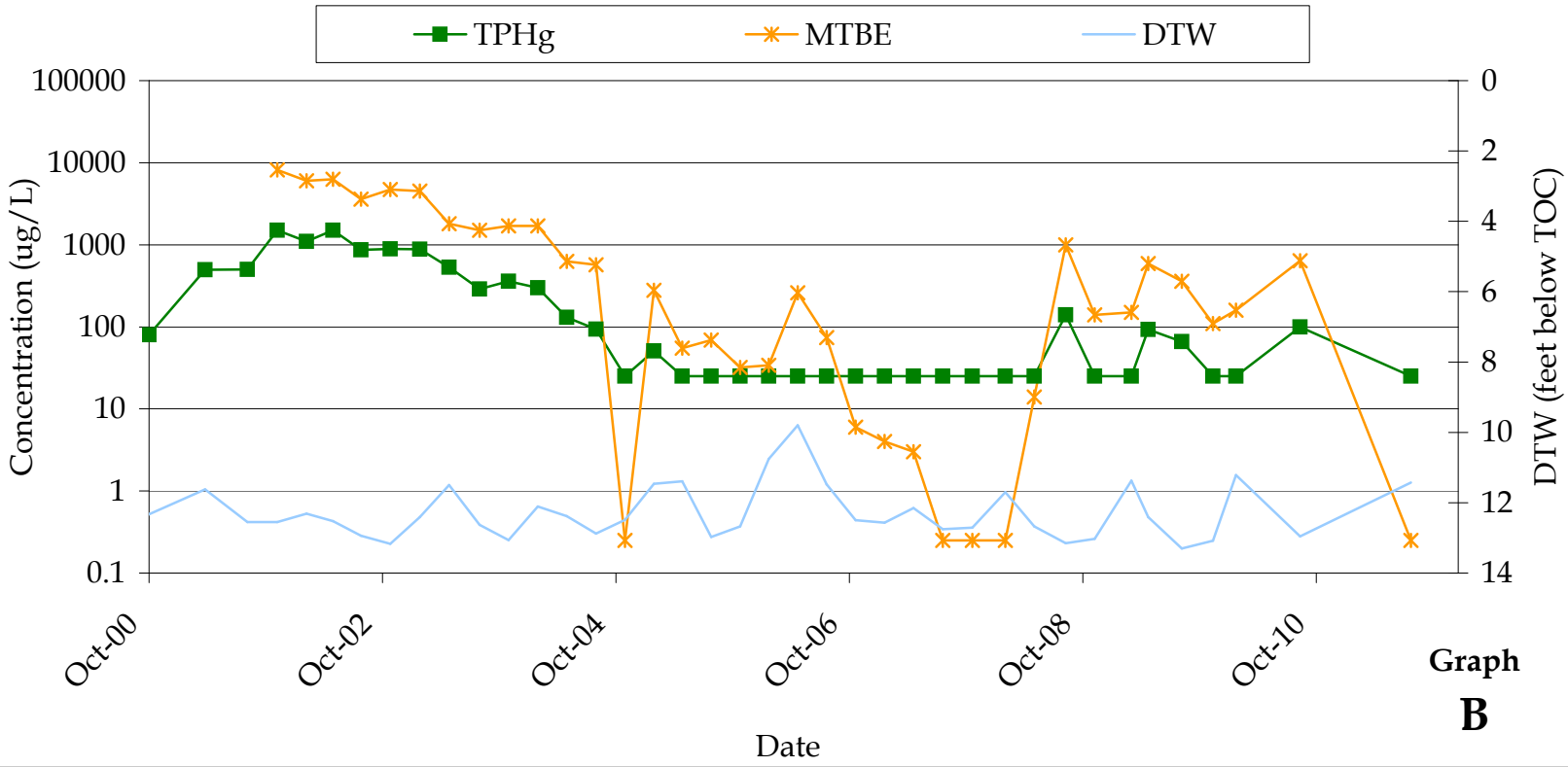
	Constituent	Total Petroleum Hydrocarbons as Gasoline (TPHg)	MTBE	TBA
Given				
ESL:	y	100	5	12
Constant:	b	4.00E+16	2.00E+17	7.00E+09
Constant:	a	-8.24E-04	-8.00E-04	-5.23E-04
Starting date for current trend:		7/31/2007	7/31/2007	11/4/2002
Calculate				
Attenuation Half Life (years):	(-ln(2)/a)/365.25	2.30	2.37	3.63
Estimated Date to Reach ESL:	(x = ln(y/b) / a)	Sep 2011	Oct 2030	Aug 2005



CHEVRON SERVICE STATION 9-8139
16304 FOOTHILL BOULEVARD
SAN LEANDRO, CALIFORNIA

CONESTOGA-ROVERS & ASSOCIATES

MW-8: TPHg, MTBE, AND TBA
CONCENTRATION vs. TIME



Graph B

CHEVRON SERVICE STATION 9-8139
16304 FOOTHILL BOULEVARD
SAN LEANDRO, CALIFORNIA

CONESTOGA-ROVERS & ASSOCIATES

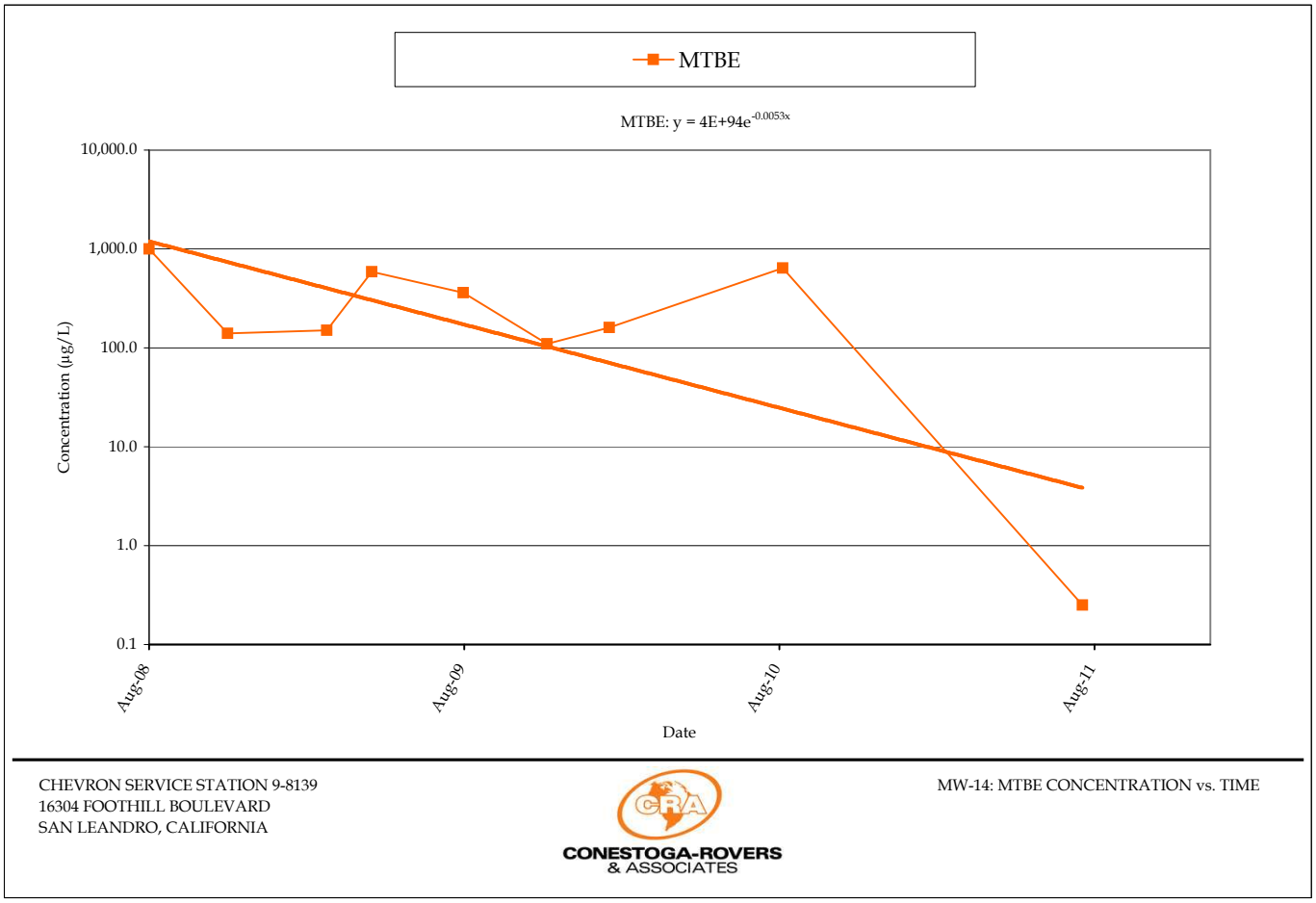
MW-14: TPHg AND MTBE CONCENTRATIONS vs. TIME

PREDICTED TIME TO REACH MTBE ESL IN MW-14
CHEVRON STATION 9-8139
16304 FOOTHILL BOULEVARD
SAN LEANDRO, CALIFORNIA

$y = b\,e^{ax}$ **===>** $x = \ln(y/b) / a$

where: y = concentration in µg/L — a = decay constant
b = concentration at time (x) — x = time in days

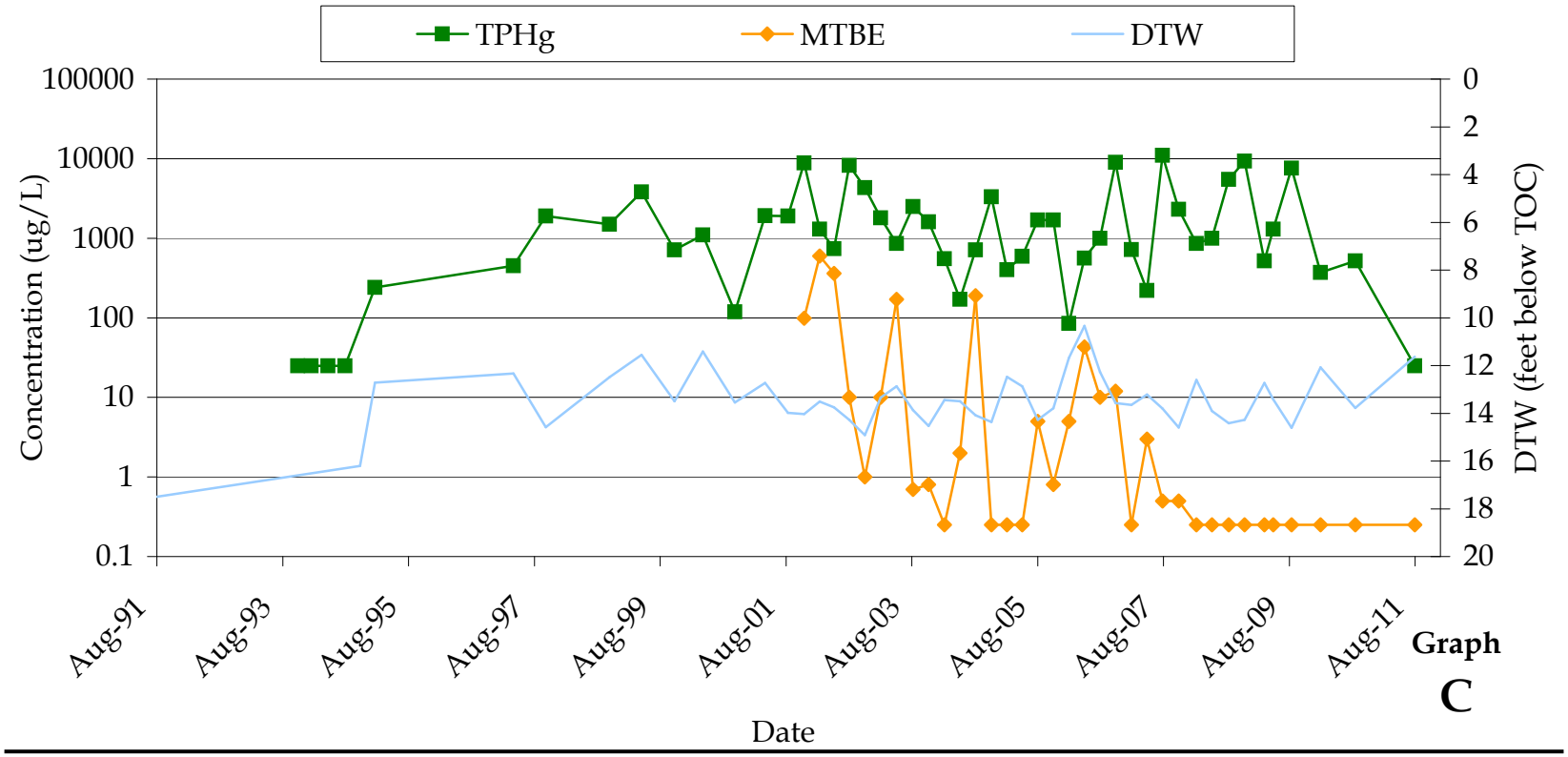
		MTBE
Constituent		
Given		
ESL:	y	5
Constant:	b	4.00E+94
Constant:	a	-5.30E-03
Starting date for current trend:		8/19/2008
Calculate		
Attenuation Half Life (years):	(-ln(2)/a)/365.25	0.36
Estimated Date to Reach ESL:	(x = ln(y/b) / a)	Sep 2011



CHEVRON SERVICE STATION 9-8139
16304 FOOTHILL BOULEVARD
SAN LEANDRO, CALIFORNIA

CONESTOGA-ROVERS & ASSOCIATES

MW-14: MTBE CONCENTRATION vs. TIME



CHEVRON SERVICE STATION 9-8139
16304 FOOTHILL BOULEVARD
SAN LEANDRO, CALIFORNIA

CONESTOGA-ROVERS & ASSOCIATES

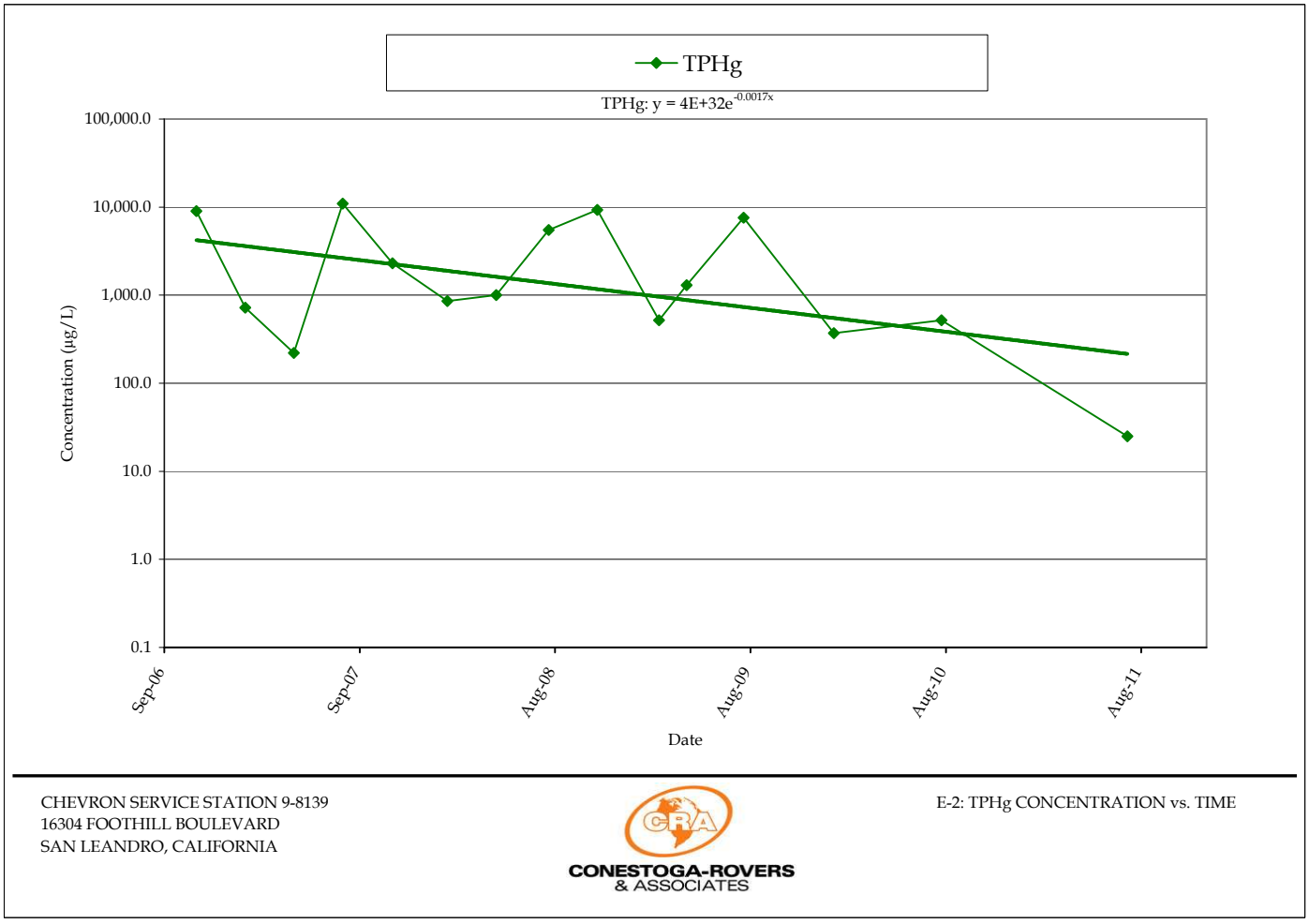
E-2: TPHg and MTBE
CONCENTRATIONS vs. TIME

PREDICTED TIME TO REACH TPHg ESL IN E-2
CHEVRON STATION 9-8139
16304 FOOTHILL BOULEVARD
SAN LEANDRO, CALIFORNIA

$y = b\,e^{ax}$ **===>** $x = \ln(y/b) / a$

where: y = concentration in µg/L a = decay constant
b = concentration at time (x) x = time in days

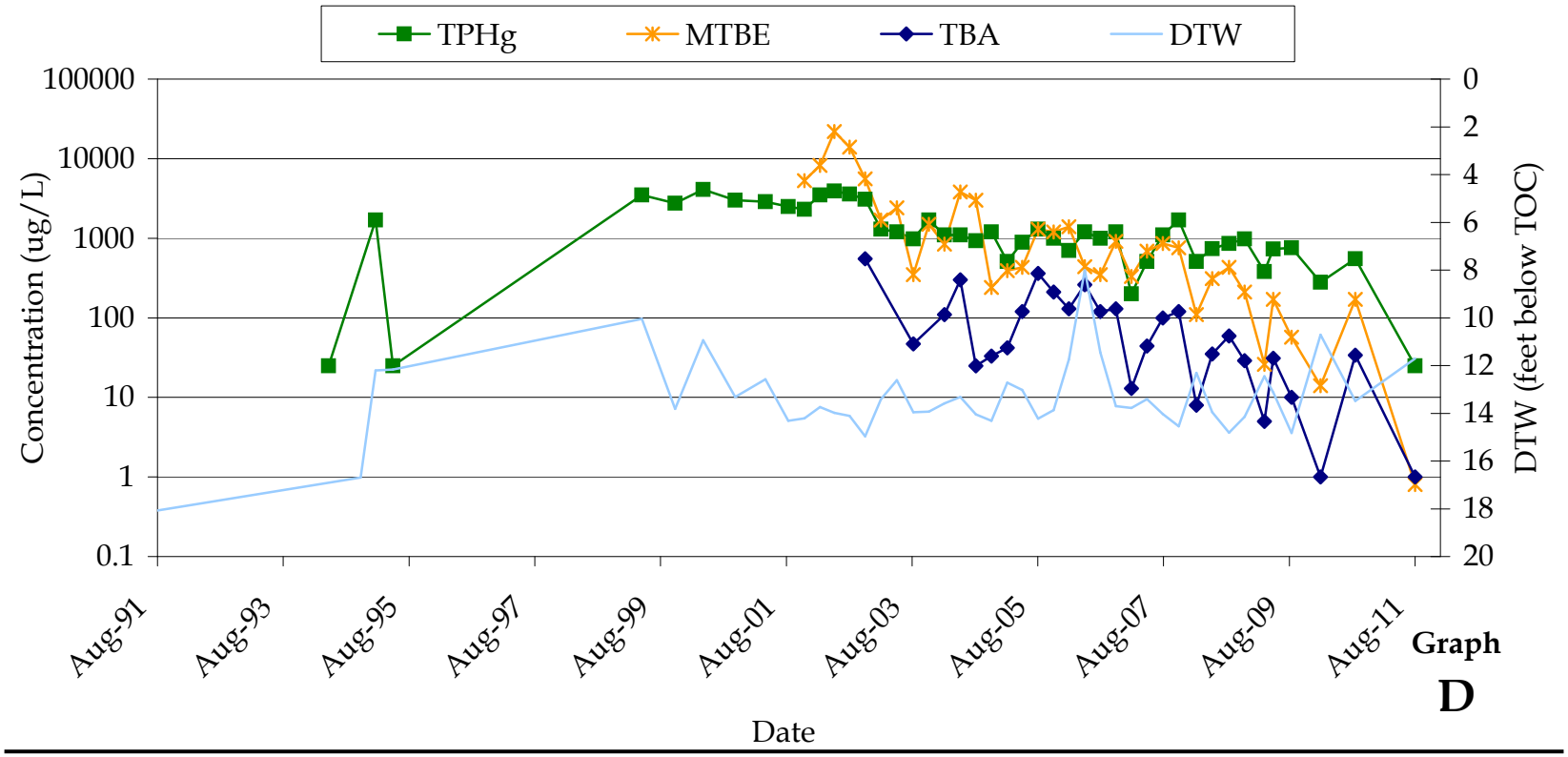
		Constituent	Total Petroleum Hydrocarbons as Gasoline (TPHg)
Given			
	ESL:	y	100
	Constant:	b	4.00E+32
	Constant:	a	-1.70E-03
	Starting date for current trend:		7/31/2007
Calculate			
	Attenuation Half Life (years):	(-ln(2)/a)/365.25	1.12
	Estimated Date to Reach ESL:	(x = ln(y/b) / a)	Jun 2013



CHEVRON SERVICE STATION 9-8139
16304 FOOTHILL BOULEVARD
SAN LEANDRO, CALIFORNIA

CONESTOGA-ROVERS & ASSOCIATES

E-2: TPHg CONCENTRATION vs. TIME



CHEVRON SERVICE STATION 9-8139
16304 FOOTHILL BOULEVARD
SAN LEANDRO, CALIFORNIA

CONESTOGA-ROVERS & ASSOCIATES

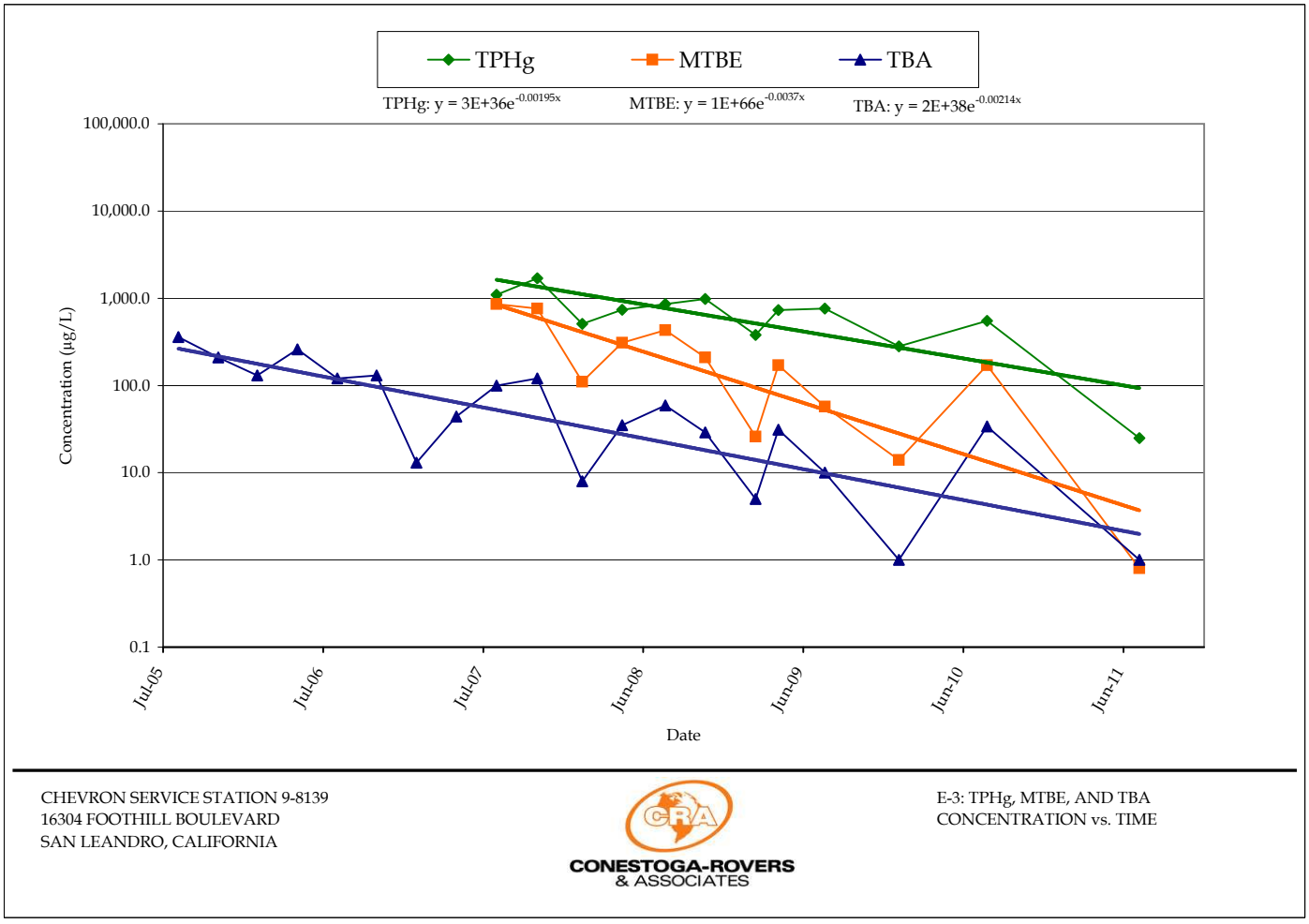
E-3: TPHg, MTBE, AND, TBA
CONCENTRATIONS vs. TIME

PREDICTED TIME TO REACH TPHg, MTBE, and TBA ESLs IN E-3
CHEVRON STATION 9-8139
16304 FOOTHILL BOULEVARD
SAN LEANDRO, CALIFORNIA

$y = b\,e^{ax}$ **===>** $x = \ln(y/b) / a$

where: y = concentration in µg/L a = decay constant
b = concentration at time (x) x = time in days

	Constituent	Total Petroleum Hydrocarbons as Gasoline (TPHg)	MTBE	TBA
Given				
ESL:	y	100	5	12
Constant:	b	3.00E+36	1.00E+66	2.00E+38
Constant:	a	-1.95E-03	-3.70E-03	-2.14E-03
Starting date for current trend:		7/31/2007	7/31/2007	8/5/2005
Calculate				
Attenuation Half Life (years):	(-ln(2)/a)/365.25	0.97	0.51	0.89
Estimated Date to Reach ESL:	(x = ln(y/b) / a)	Jun 2011	Apr 2011	Jun 2009



CHEVRON SERVICE STATION 9-8139
16304 FOOTHILL BOULEVARD
SAN LEANDRO, CALIFORNIA

CONESTOGA-ROVERS & ASSOCIATES

E-3: TPHg, MTBE, AND TBA
CONCENTRATION vs. TIME