Chevron

Satya P. Sinha
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Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

RE: Chevron Service Station # 9-0917

Address 5280 Hopyard Rd., Pleasanton, CA

I have reviewed the attached report dated Aug 31, 2007.

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 Cambria Environmental Technology, Inc., 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,

Satya P. Sinha

Satya P. Sinha

Attachment: Report

CONESTOGA-ROVERS
& ASSOCIATES

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

August 31, 2007

Mr. Jerry Wickham
Alameda County Environmental Health Services (ACEHS)
1131 Harbor Bay Parkway
Alameda, California 94502

Re: **Feasibility Study**
Chevron Station #9-0917
5280 Hopyard Road
Pleasanton, California
ACEHS RO #0439

Dear Mr. Wickham:

Conestoga-Rovers & Associates (CRA) has prepared this *Feasibility Study* for the site referenced above on behalf of Chevron Environmental Management Company (Chevron). In May 2006, CRA (formerly Cambria Environmental Technology Inc.), submitted a workplan to mitigate remaining hydrocarbons in groundwater. Surfactant injection was originally proposed, and then subsequently replaced with batch groundwater extraction that was performed in January 2007. Due to low hydrocarbon mass removed, ACEHS requested a feasibility study to evaluate other remedial alternatives for the site in a letter dated March 21, 2007 (Attachment A). Summarized below are the site background, a discussion of the extent of hydrocarbons in soil and groundwater, a discussion of remediation alternatives considered for the site and CRA's recommendations for remedial action.

SITE BACKGROUND

Site Description: The site is an active Chevron station located at the southern corner of the intersection of Hopyard Road and Owens Drive in Pleasanton, California (Figure 1). Site facilities include a station building, car wash, four underground storage tanks (USTs) and three dispenser islands under a common canopy (Figure 2). A Shell-branded station is located across Hopyard Rd., to the east of the site, which has an open case with ACEHS.

Local topography is flat and the site is approximately 335 feet above meal sea level (msl). The closest surface water is Chabot Canal approximately 250 feet east of the site. Land use surrounding the site is primarily commercial.

PREVIOUS INVESTIGATIONS

August 1989, Monitoring Well Installation: In August 1989, Groundwater Technology, Inc. (GTI) installed three on-site groundwater monitoring wells, MW-1 through MW-3. Soil samples from these well borings do not appear to have been submitted for laboratory analysis based on the information supplied by Chevron.

July 1991, Monitoring Well Destruction and Well Installation: In July 1991, GTI destroyed wells MW-1 through MW-3 and installed three groundwater monitoring wells, MW-4 through MW-6. Based on information provided by Chevron, no soil samples from the well borings were submitted for chemical analyses. Groundwater was encountered in the well borings at a depth of approximately 9 feet below grade (fbg).

May 1997, Monitoring Well Installation: On May 5, 1997, Pacific Environmental Group, Inc. (PEG), installed three off-site groundwater monitoring wells, MW-7 through MW-9, to define the extent of petroleum hydrocarbons and methyl tertiary butyl ether (MTBE) in groundwater south of the source area. Selected soil samples were analyzed for Total Petroleum Hydrocarbons as gasoline (TPHg), MTBE, benzene, toluene, ethylbenzene, and xylenes (BTEX). These compounds were not reported in any of the soil samples. Selected soil samples were sent to Cooper Testing Facilities for physical analysis for moisture, density, porosity, specific gravity, and organic content. Details of this investigation can be found in PEG's *Soil and Groundwater Investigation*, dated August 11, 1997.

February 2006 Subsurface Investigation: In February 2006, Cambria Environmental Technology, Inc. (Cambria) advanced a total of five soil borings. Two of the borings were advanced to deeper groundwater bearing zones using a Cone Penetration Technology (CPT) direct push drill rig. TPHg was only reported in soil samples from boring GP-1 at concentrations ranging from 7.9 milligrams per kilogram (mg/kg) at 7 fbg to 110 mg/kg at 5 fbg. Benzene was reported only in soil boring GP-1 at concentrations ranging from 0.003 mg/kg at 7 fbg to 0.09 mg/kg at 10 fbg. MTBE was detected only in soil boring GP-2 at 10 fbg at a concentration of 0.006 mg/kg. TPHg was reported at a maximum concentration in grab groundwater sample GP-1 at 2,400 micrograms per liter (µg/L) at 8 fbg and additionally reported in GP-2 at 28 fbg at a concentration of 110 µg/L. Benzene was reported in samples from GP-1 at concentrations of 24 µg/L and 0.7 µg/L at depths of 8 fbg and 36 fbg, respectively. MTBE was reported in GP-1 at 36 fbg and in GP-2 at 28 fbg at concentrations of 19 µg/L and 22 µg/L, respectively. No TPHg, benzene or MTBE were reported in grab groundwater samples from borings GP-3 through GP-5, with the exception of 1 µg/L MTBE in GP-5.

August 2006 Well Installation: In August 2006, Cambria advanced one boring and converted it to remediation well, IW-1. TPHg and benzene were reported at maximum concentrations of 880 mg/kg at 15.5 fbg and 0.35 mg/kg at 20 fbg, respectively. MTBE was not detected in any soil samples.

PREVIOUS REMEDIAL ACTIONS

June 1991, UST Replacement and Soil Excavation: In June 1991, Blaine Tech Services, Inc. observed the UST system removal and soil excavation, and collected soil and grab-groundwater samples for chemical analyses. Five fiberglass USTs, consisting of three 10,000-gallon gasoline, one 10,000-gallon diesel, and one 500-gallon used-oil UST were removed and replaced with four 12,000-gallon double-walled fiberglass gasoline USTs. TPHg and benzene were reported in soil samples collected from the bottom of the UST excavation at maximum concentrations of 70 mg/kg and 0.64 mg/kg, respectively, at depths of 9.5 fbg to 10 fbg. TPHg and benzene were reported in over-excavation soil samples collected from beneath the fuel product piping at concentrations of 440 mg/kg and 1.1 mg/kg, respectively, at 7 fbg. Total petroleum hydrocarbons as diesel (TPHd) was reported at a maximum concentration of 8.0 mg/kg from 10 fbg in the product piping area. Over-excavation of UST and product piping areas extended to maximum depths of approximately 10 fbg. Concentrations of 24,000 µg/L TPHg and 1,000 µg/L benzene were reported in a grab groundwater sample collected from the bottom of the UST excavation. Depth to water in the excavation was measured at approximately 10 fbg. Approximately 90 cubic yards of soil, not including pea gravel, were removed during UST removal and over-excavation, and approximately 70 cubic yards of soil were removed during product line removal and over-excavation. The probable source area, based on reported soil and grab groundwater samples, is the former dispenser island and associated northeastern product lines. Soil analytic results and sample locations are found in Gettler-Ryan's (G-R) *Site Conceptual Model and Closure Request*, dated January 25, 2002.

March 1999, Enhanced Bioremediation: Oxygen releasing compound (ORC) socks were installed in wells MW-5 and MW-6 on March 26, 1999, to increase the dissolved oxygen concentrations in groundwater in the areas of known petroleum hydrocarbons to oxidize organic contaminates and enhance biodegradation within the plume. A significant decrease in dissolved hydrocarbon concentrations was observed in wells MW-5 and MW-6 after installation of the ORC. A significant decrease in dissolved oxygen (DO) concentrations in wells MW-5 and MW-6 was reported from samples collected from June 19, 2000 to September 18, 2000, suggesting that the ORC socks were spent and oxygen was being consumed as biodegradation was occurring. DO concentrations stabilized around 3.6 milligrams per liter (mg/L) and 4.3 mg/L in wells MW-5 and MW-6, respectively, for the next five quarters. A second significant decrease in DO was reported in samples collected from September 7, 2001 to December 5, 2001. DO concentrations have stabilized to an average of 1.8 mg/L and 1.3 mg/L in wells MW-5 and MW-6, respectively.

January 2007 Groundwater Batch Extraction: Cambria performed groundwater extraction from well, IW-1. The calculated TPHg mass removed was 0.0051 pounds. Review of the boring log and physical soil data indicate the majority of soil encountered beneath the site has high clay content and low permeability, therefore it yielded little hydrocarbon mass through groundwater extraction.

LITHOLOGIC DESCRIPTION

Based on historical and recent boring logs, sediments observed beneath the site during the investigation consist of interbedded clay, silty clay, clayey silt, sandy silt and silt to the maximum explored depth of 60 fbg.

GROUNDWATER DEPTH AND FLOW DIRECTION

Historically, groundwater flow direction beneath the site has been variable, but recent events indicate a south-southeast flow direction at an approximate gradient between 0.004 to 0.009. Measured depth to groundwater at the site ranges between 5.5 and 10 fbg.

The Livermore Valley Groundwater Basin is divided into twelve sub-basins based on fault traces and hydrologic discontinuities. The site is located in the Dublin Sub-Basin (DSB). Regionally, the upper, unconfined groundwater in the DSB generally flows south. Aquifers in the DSB are generally flat lying, but there is a drop in groundwater elevation of approximately 50 feet across the Parks Fault (*Evaluation of Groundwater Resources: Livermore and Sonol Valleys*, Department of the Water Resources Bulletin Number 118-2, June 1974). The Park Fault trends east-northeast approximately 1 mile south of the site (Pacific Environmental Group, Inc., *Soil and Groundwater Investigation*, dated August 11, 1997).

HYDROCARBON DISTRIBUTION IN SOIL

The majority of the source area petroleum-impacted soil was removed and disposed of during UST replacement and over-excavation in June 1991. Low reported concentrations of hydrocarbons in soil remaining at the site appear primarily limited to the former northeastern product lines in the vicinity of well MW-5. Maximum hydrocarbon concentrations in soil at 10fbg or less are 110 mg/kg of TPHg at 5fbg, 0.09 mg/kg of benzene at 10 fbg, and 0.006 mg/kg of MTBE at 10 fbg. These low concentrations of hydrocarbons in soil near the station building suggest remaining hydrocarbons in soil do not pose a significant onsite risk to human health. The hydrocarbon concentrations detected in soil samples collected since the UST replacement and over-excavation also indicate that the source area of petroleum hydrocarbons has essentially been removed.

HYDROCARBON DISTRIBUTION IN GROUNDWATER

Hydrocarbon concentrations remaining in groundwater appear to be limited to the shallow groundwater zone. The majority of hydrocarbon impact to groundwater appears to be defined vertically to groundwater bearing zones above

10 fbg, down-gradient by soil boring GP-3 and monitoring well MW-9, cross-gradient by monitoring wells MW-6, MW-7 and Shell monitoring wells S-6 and S-7, and up-gradient by monitoring well MW-4 and soil boring GP-5. The dissolved plume appears stable. Concentrations of petroleum hydrocarbons in monitoring wells MW-5 and MW-6 show a decreasing trend and suggest degradation and attenuation are occurring. The trend graphs for wells MW-5 and MW-6 are included in Attachment B. The second quarter 2007 groundwater monitoring and sampling report is included as Attachment C.

REMEDIATION OBJECTIVES

The January 25, 2002 *Site Conceptual Model and Closure Report* prepared for the site by Getter-Ryan, found that risks to human health due to existing site conditions were low, with the main exposure pathways present during excavation activities. Therefore mitigation of health risks is not considered an objective for remediating the site

Decreasing hydrocarbon concentration trends in groundwater suggest that natural attenuation processes are degrading the remaining constituents of concern (COCs) in both soil and groundwater. Therefore, the primary goal of remediation should be to expedite the natural attenuation processes, if necessary, in order for the COC concentrations to reach water quality objectives.

Evaluation of Corrective Action Alternatives

CRA evaluated four remedial alternatives including groundwater extraction, dual-phase extraction, air sparging in conjunction with soil vapor extraction and monitored natural attenuation. Surfactant injection was originally proposed to ACEHS, but was determined not to be a valid remedial option at this site due to a lack of separate phase hydrocarbons in any of the wells. Excavation was not considered as an option due to the current configuration of the dispenser islands and station building overlying the former product lines and UST pit, and because it appears the soil source at the site had been removed during UST replacement and over-excavation activities performed in 1991. A discussion and evaluation of these alternatives are presented below.

Groundwater Extraction (GWE)

GWE uses pumps to extract impacted groundwater. Extracted groundwater is typically treated with granular activated carbon (GAC), air stripping, oxidation technologies, or biological reactors prior to discharge into the sanitary or storm sewer. While GWE has had mixed success remediating TPHg/BTEX plumes, it can be very successful remediating

aqueous-phase MTBE plumes. This is due in part the increased MTBE partitioning into groundwater compared to TPHg/BTEX. MTBE is only detected in well MW-6 at low concentration and has not been detected above reporting limits in well MW-5 since third quarter 2001.

A GWE system would cost approximately $150,000 to install including additional extraction wells, and would likely operate for five years at a cost of $30,000 per year. The total cost for GWE is approximately $300,000.

Batch groundwater extraction was performed from well IW-1 in January 2007. In two separate events, a total of only 300 gallons was extracted over 14.5 hours due to low permeability of the underlying lithology. Due to this and that GWE is not a viable remedial alternative for TPHg/BTEX remediation, GWE is not considered further.

Dual-Phase Extraction (DPE)

DPE consists of using pumps to extract groundwater to lower the water table and using soil vapor extraction (SVE) to extract volatile hydrocarbons adsorbed to soil in the capillary fringe area and below the former water table. This method is highly effective when the hydrocarbons are volatile and when the water table can be depressed to expose hydrocarbons adsorbed to soil. This method can quickly remove hydrocarbon mass from the subsurface under the proper conditions. This method generally works better in coarser-grained environments than have been observed at the subject site. Hydrocarbon vapors are typically treated by activated carbon, thermal or catalytic oxidizers or internal combustion engines.

DPE would cost approximately $400,000 to install and will operate for about 1 year at a cost of $100,000 per year. Therefore, the total cost for DPE is likely $500,000.

DPE is most successful at sites that have appreciable hydrocarbon mass adsorbed to soil or existing as light NAPL that can be extracted in vapor phase. This approach does not appear appropriate for this site because there does not appear to be a substantial hydrocarbon mass adsorbed in soil and there has been no NAPL detected in any monitoring wells.

Air Sparging with Soil Vapor Extraction (AS/SVE)

AS/SVE relies on air flow to strip volatile hydrocarbons from the water column and extracts the resulting hydrocarbon vapors as they enter the vadose zone above groundwater. Increased oxygen concentrations from air sparging can also

enhance biodegradation of contaminants below and above the water table. This method is most effective for moderate to high permeability materials with hydrocarbons in the vadose zone.

The AS/SVE system would cost approximately $150,000 to install and would operate for approximately five years at a cost of $60,000 per year. The total cost of this alternative is approximately $450,000.

Air sparging does not appear to be feasible at this site because the low permeability of the soils underlying the site would not permit effective air flow.

Monitored Natural Attenuation (MNA)

MNA relies on naturally occurring processes to eliminate hydrocarbon mass from soil and groundwater and periodic groundwater gauging and sampling to track the progress of degradation. The Lawrence Livermore National Laboratory's (LLNL) 1995 report[1] found that nearly all subsurface hydrocarbon releases eventually stabilize and degrade on their own. Because of these findings, the State Water Resources Control Board (SWRCB) recommended focusing on source area removal, and no longer requests active remediation of dissolved hydrocarbons unless the hydrocarbons represent a significant threat to human health or other sensitive receptors.

Hydrocarbon concentration trends are the primary indicators of natural attenuation rates of hydrocarbons in groundwater. Secondary evidence such as dissolved oxygen (DO), oxidation-reduction potential (ORP), nitrate, sulfate, and ferrous iron concentrations are also used to evaluate the existence of and/or the potential for natural attenuation. The mechanisms for natural attenuation at a given site can include both aerobic and anaerobic hydrocarbon biodegradation. Most sites exhibit aerobic hydrocarbon degradation and an inverse relationship is observed between hydrocarbon and DO concentrations. More specifically, DO concentrations are typically reduced in the hydrocarbon source area compared to near the plume boundary. For natural attenuation to occur by aerobic processes, a minimum of about 1 mg/l DO is required.

MNA will ultimately reduce hydrocarbon concentrations through several processes including dilution, volatilization, biodegradation, adsorption, and chemical reactions with subsurface materials. This option generally requires adequate site assessment, modeling and/or monitoring to confirm no sensitive receptors are adversely affected, and to confirm the compounds are attenuating at an acceptable rate. The hydrocarbon plume has been well defined both vertically and laterally by soil borings and monitoring wells. The site has been monitored for the past 16 years and concentrations in

[1] Recommendations to Improve the Cleanup Process for California's Leaking Underground Fuel Tanks (LUFTs), October 16, 1995; Lawrence Livermore National Laboratory, David W. Rice, et.al.

well MW-5 and MW-6, the only wells with any hydrocarbon concentrations, have shown a decreasing trend over time. MNA seems the most viable option due to a stable plume, low benzene concentrations and naturally decreasing concentrations.

Monitored natural attenuation will cost approximately $15,000 per year. We anticipate that five years of monitoring would be required for a total cost of $75,000. MNA appears to be an effective remedial technology for petroleum hydrocarbon mitigation at this site.

RECOMMENDED CORRECTIVE ACTION

We believe that MNA would be the most effective method for reduction of hydrocarbon concentrations in groundwater at the site. Based on site conditions and current monitoring data, there appears to be no risk to human health or the environment based on current or future site usage. The hydrocarbon plume has been well defined both vertically and laterally by soil borings and monitoring wells. The site has been monitored continuously for the past 16 years and only TPHg concentrations in well MW-5 are elevated. TPHg concentrations in well MW-5 have decreased three orders of magnitude, benzene has not been detected in well MW-6 since second quarter 2003, except for one instance, and MTBE has not been detected since third quarter 2001.

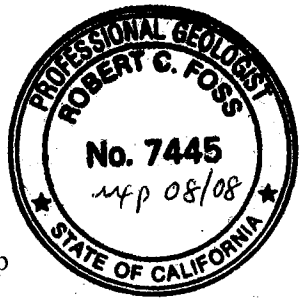
CLOSING

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

Sincerely,
Conestoga-Rovers & Associates

Charlotte Evans

Robert Foss, P.G. #7445



Figures: 1 – Vicinity Map
2 – Site Plan

Attachment: A – ACEHS Correspondence dated March 21, 2007
B – Trend Graphs for MW-5 and MW-6
C – Second Quarter 2007 Groundwater Monitoring and Sampling Report

cc: Satya Sinha, Chevron Environmental Management Company, 6001 Bollinger Canyon Road, San Ramon, CA 94583
Lamorinda Development and Investment, 89 Davis Road, Suite 160, Orinda, CA 95463
C&H Development Company, 43 Panoramic Way, Walnut Creek, CA 94505

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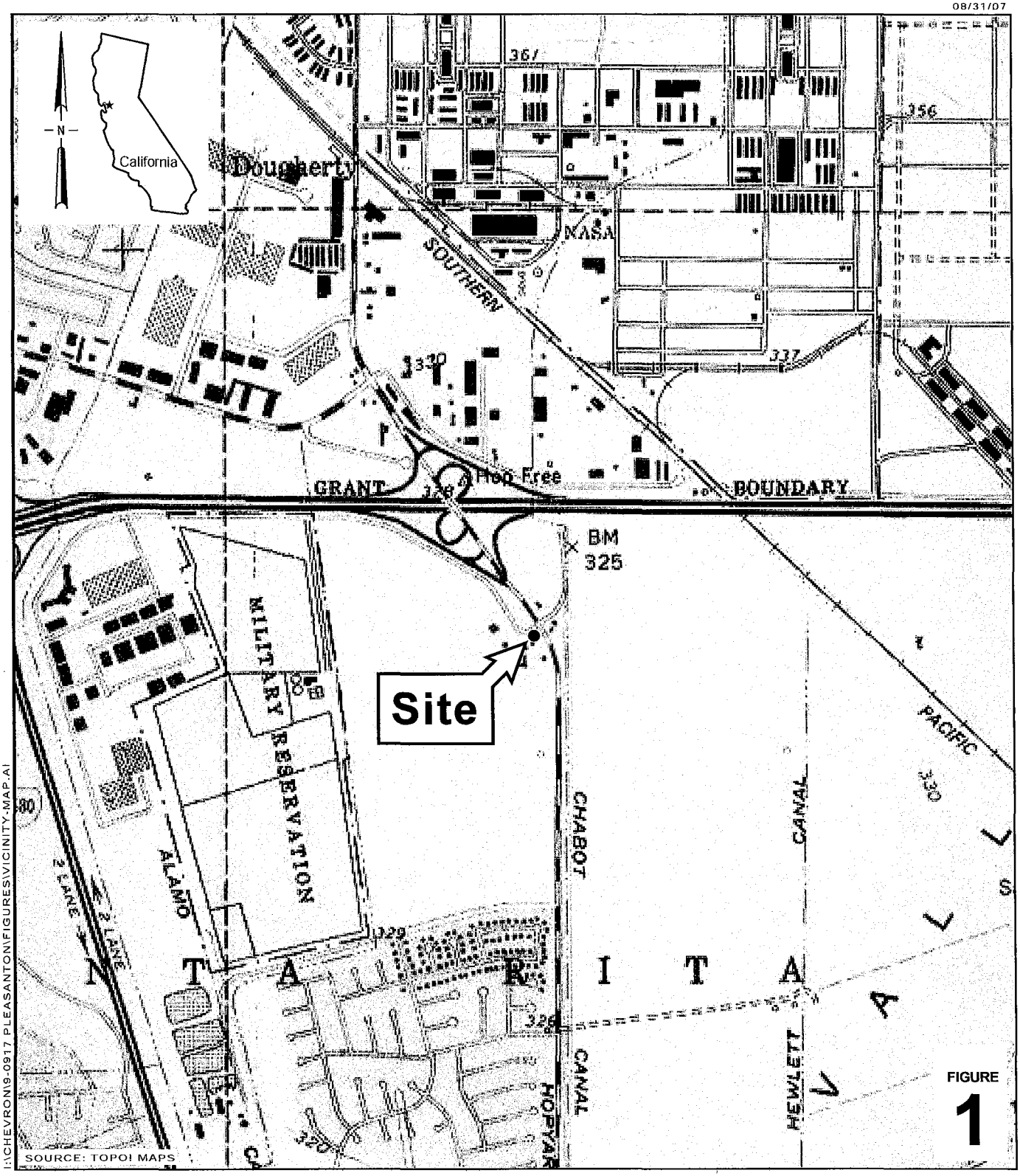


I:\CHEVRON\9-0917 PLEASANTON\FIGURES\VICINITY-MAP.AI

FIGURE 1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

Chevron Service Station 9-0917

5280 Hopyard Road

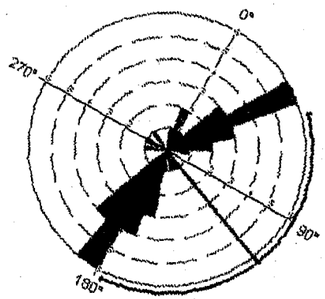
Pleasanton, California

CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map

08/31/07

Site Plan



Historical groundwater flow direction
1989 - 2005
(data gap: 1997-2002)

EXPLANATION

- GP-2 — Soil boring location
- MW-1 — Monitoring well location
- MW-3 — Destroyed monitoring well location
- IW-1 — Remediation well location
- S-8 — Monitoring well location (Shell)
- V-1 — Vapor extraction well (Shell)
- 21 — Soil sample location
- Former excavation limits

OWENS DRIVE

Restaurant

Approximate Property Line

MW-4

MW-1

MW-2

Former UST Pit

GP-5

Underground Storage Tanks

MW-3

Dispenser Islands

Canopy

26,27

22,23

GP-4

Former Dispenser Island

19,20

21

24,25

17,18

GP-2

Station Building

16

GP-1

IW-1

MW-6

Car Wash

14,15

MW-5

planter

MW-7

Motel

GP-3

MW-9

MW-8

Restaurant

HOPYARD ROAD

S-7

S-6

S-8

planter

sidewalk

S-2

planter

planter

Underground Storage Tanks

Former Dispenser Islands

V-2

V-1

V-3

Former UST Pit

S-1

Planter

Station Building

planter

planter

S-3

S-5

planter

Dispenser Islands

Car Wash

Shell Service Station

S-4

planter

0 25 50 100

Scale (ft)

I:\CHEVRON\9-0917 PLEASANTON\FIGURES\9-0917 SITE PLAN.DWG

FIGURE

2

Chevron Service Station 9-0917

5280 Hopyard Road
Pleasanton, California

CONESTOGA-ROVERS & ASSOCIATES

CONESTOGA-ROVERS
& ASSOCIATES

ATTACHMENT A

ACEHS Correspondence dated March 21, 2007

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

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

March 21, 2007

Mr. Dana Thurman
Chevron Environmental Management Company
6001 Bollinger Canyon Road
P.O. Box 6012
San Ramon, CA 94583-2324

Lamorinda Development and Investment
89 Davis Road, Suite 160
Orinda, CA 94563

C & H Development Company
43 Panoramic Way
Walnut Creek, CA 94595

Subject: Fuel Leak Case No. RO0000439 and Geotracker Global ID T0600100345, Chevron #9-0917, 5280 Hopyard Road, Pleasanton, CA 94566

Dear Mr. Thurman:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site including the recently submitted document entitled, "Groundwater Batch Extraction Results," dated March 12, 2007. The "Groundwater Batch Extraction Results," report presents the results of batch groundwater extraction from well IW-1. During the first batch groundwater extraction event, an estimated 0.0051 pounds of total petroleum hydrocarbons as gasoline was removed. Based on these results, we concur with the conclusion that batch groundwater extraction is not a viable remedial alternative for the site. We concur with the recommendation to prepare a feasibility study to evaluate other remedial alternatives for the site.

Therefore, we request that you implement the proposed work and submit the reports requested below.

TECHNICAL REPORT REQUEST

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

- **June 6, 2007** – Feasibility Study Report
- **45 days following the end of each quarter** – Quarterly Monitoring Reports

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

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. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

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

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.

If you have any questions, please call me at (510) 567-6791.

Sincerely,

Jerry Wickham
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Colleen Winey, QIC 80201, Zone 7 Water Agency, 100 North Canyons Parkway
Livermore, CA 94551

Danielle Stefani, Livermore-Pleasanton Fire Department, 3560 Nevada Street
Pleasanton, CA 94566

Bill Hurtido, Accor North America, 4001 International Parkway, Carrollton, TX 75007

David Herzog, Cambria Environmental Technology, Inc., 2000 Opportunity Drive, Suite 110
Roseville, CA 95678

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

CONESTOGA-ROVERS
& ASSOCIATES

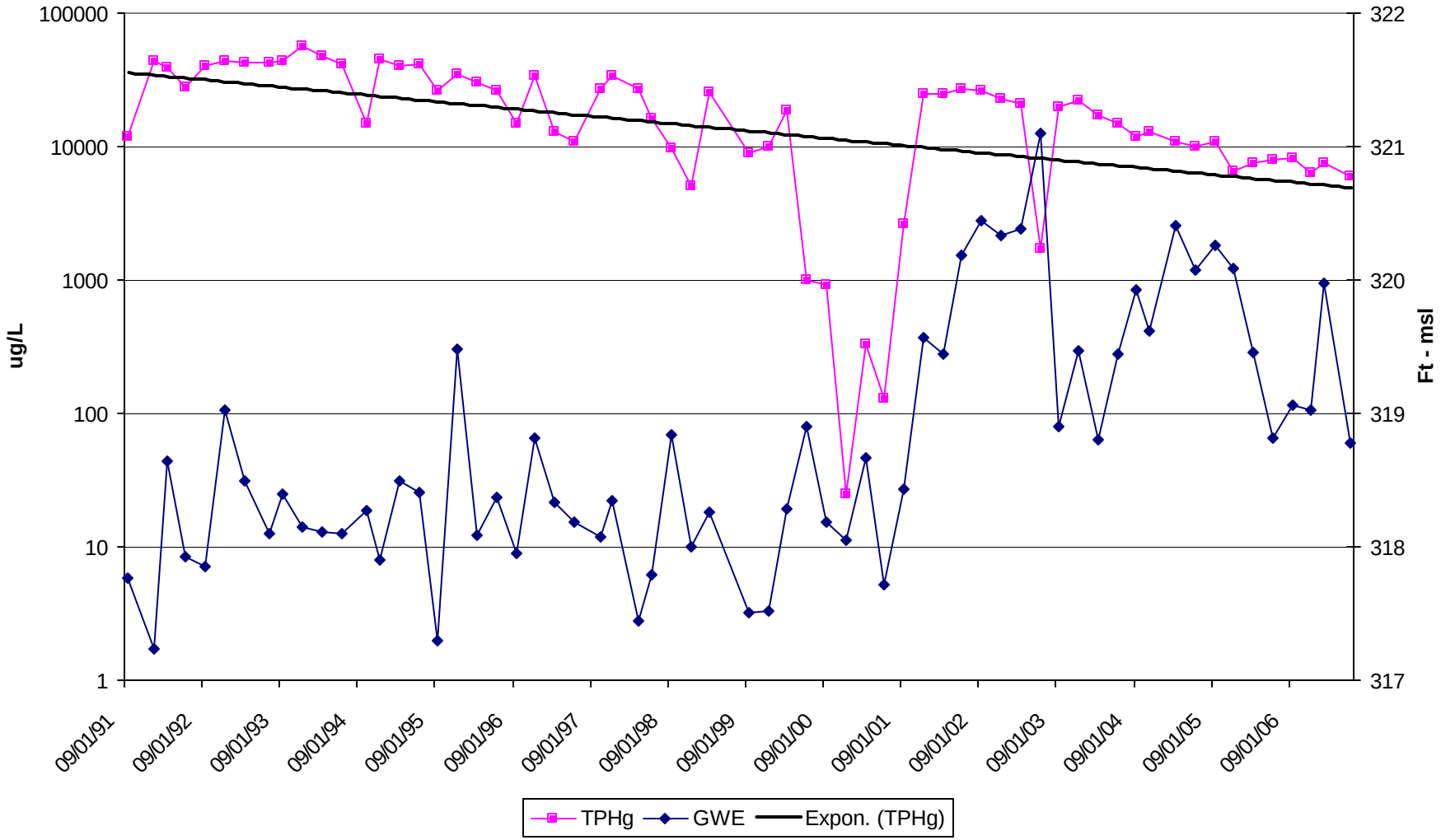
ATTACHMENT B

Trend Graphs for MW-5 and MW-6

TPHg versus Time MW-5

Chevron Service Station # 9-0917

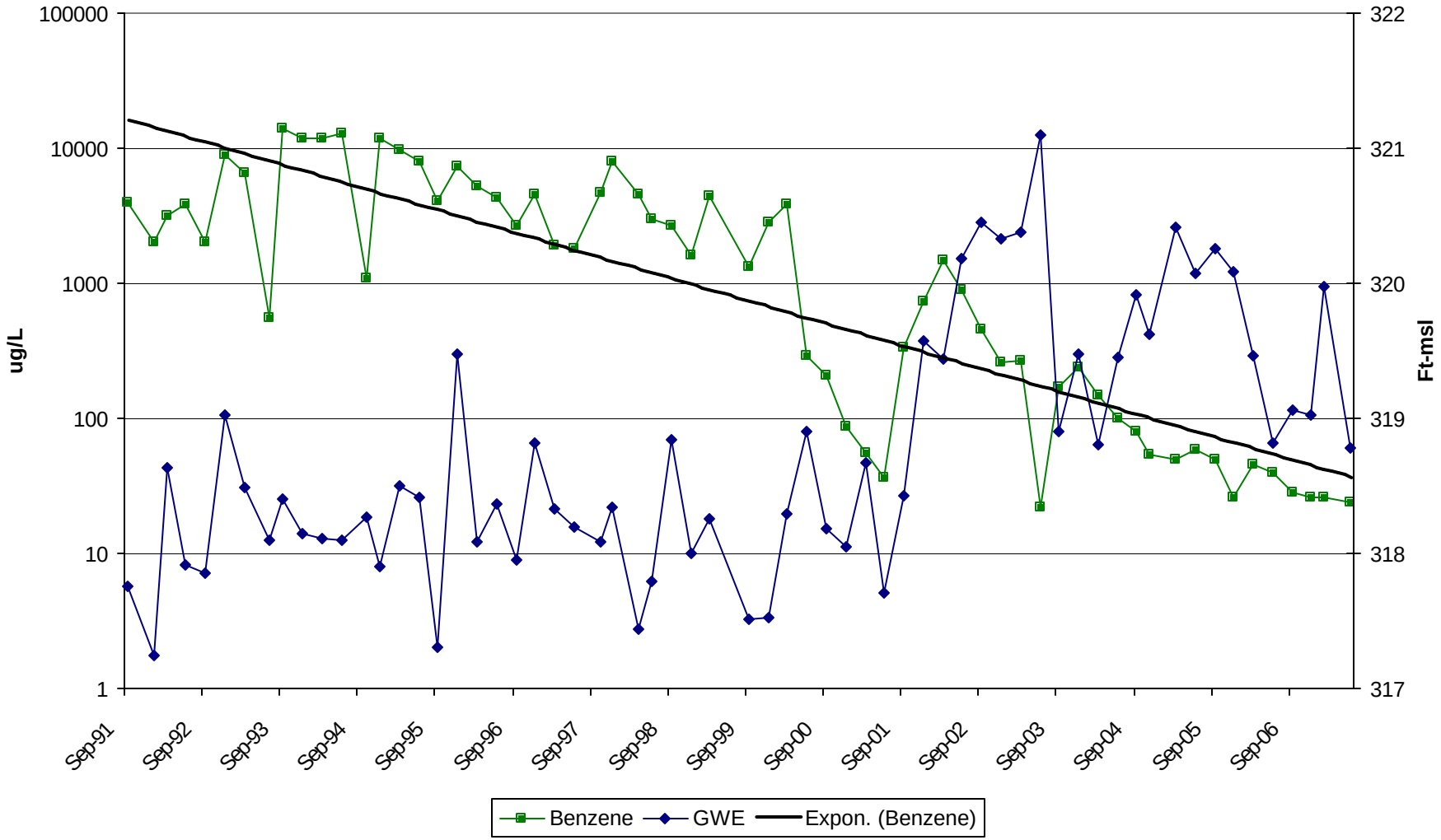
5280 Hopyard Road, Pleasanton, CA



Benzene versus Time MW-5

Chevron Service Station # 9-0917

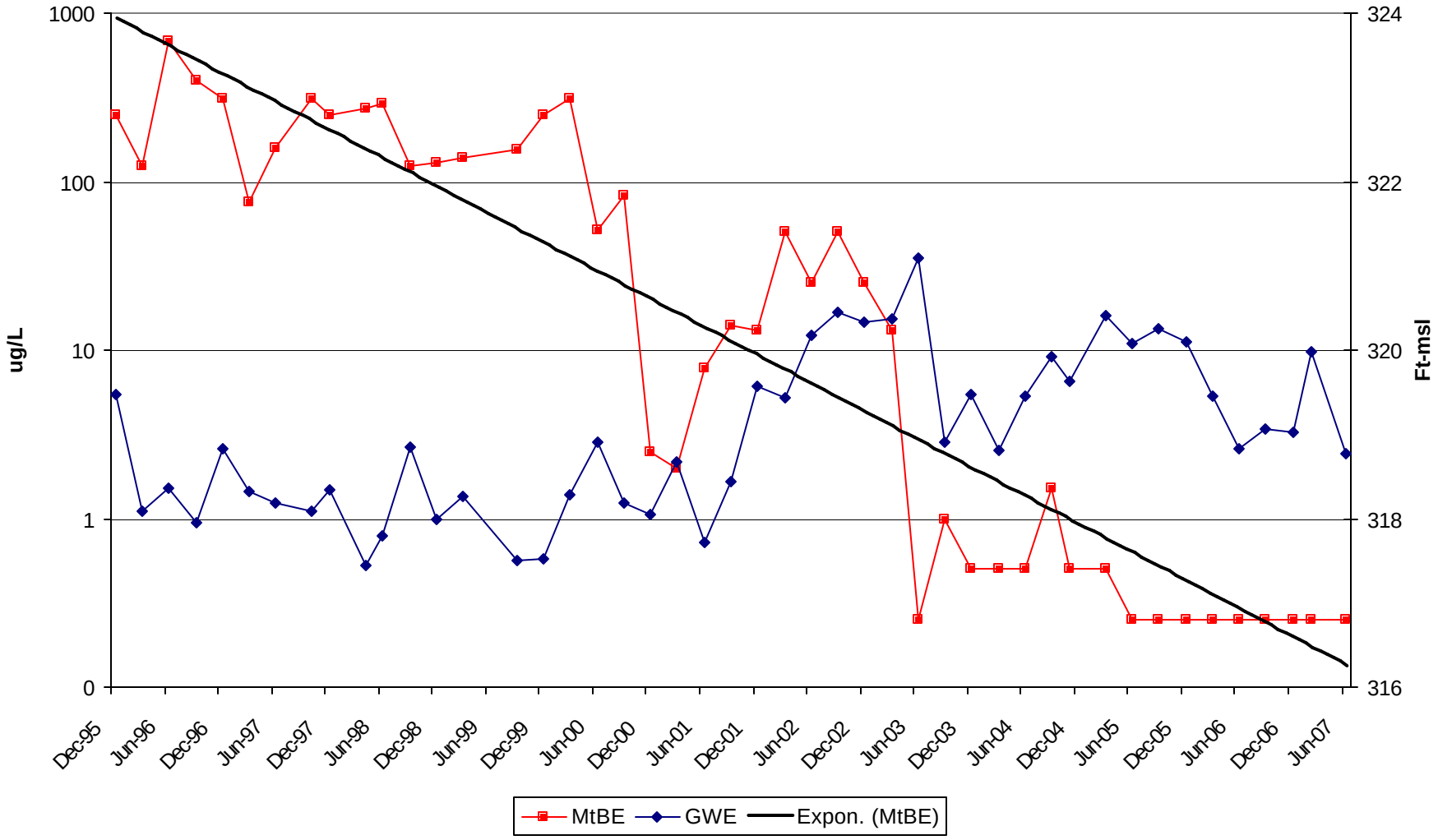
5280 Hopyard Road, Pleasanton, CA



MtBE versus Time MW-5

Chevron Service Station # 9-0917

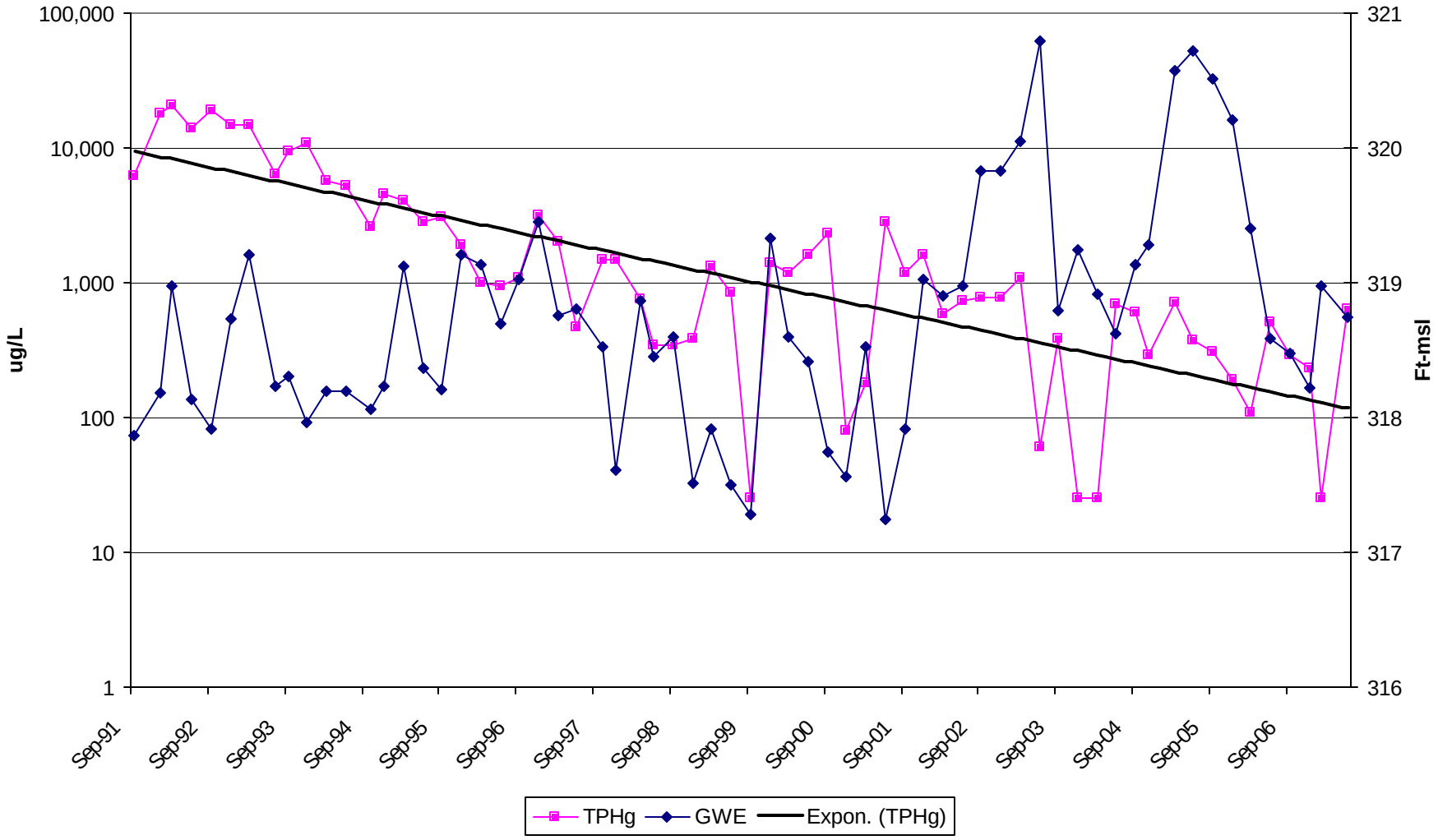
5280 Hopyard Road, Pleasanton, CA



TPHg versus Time MW-6

Chevron Service Station # 9-0917

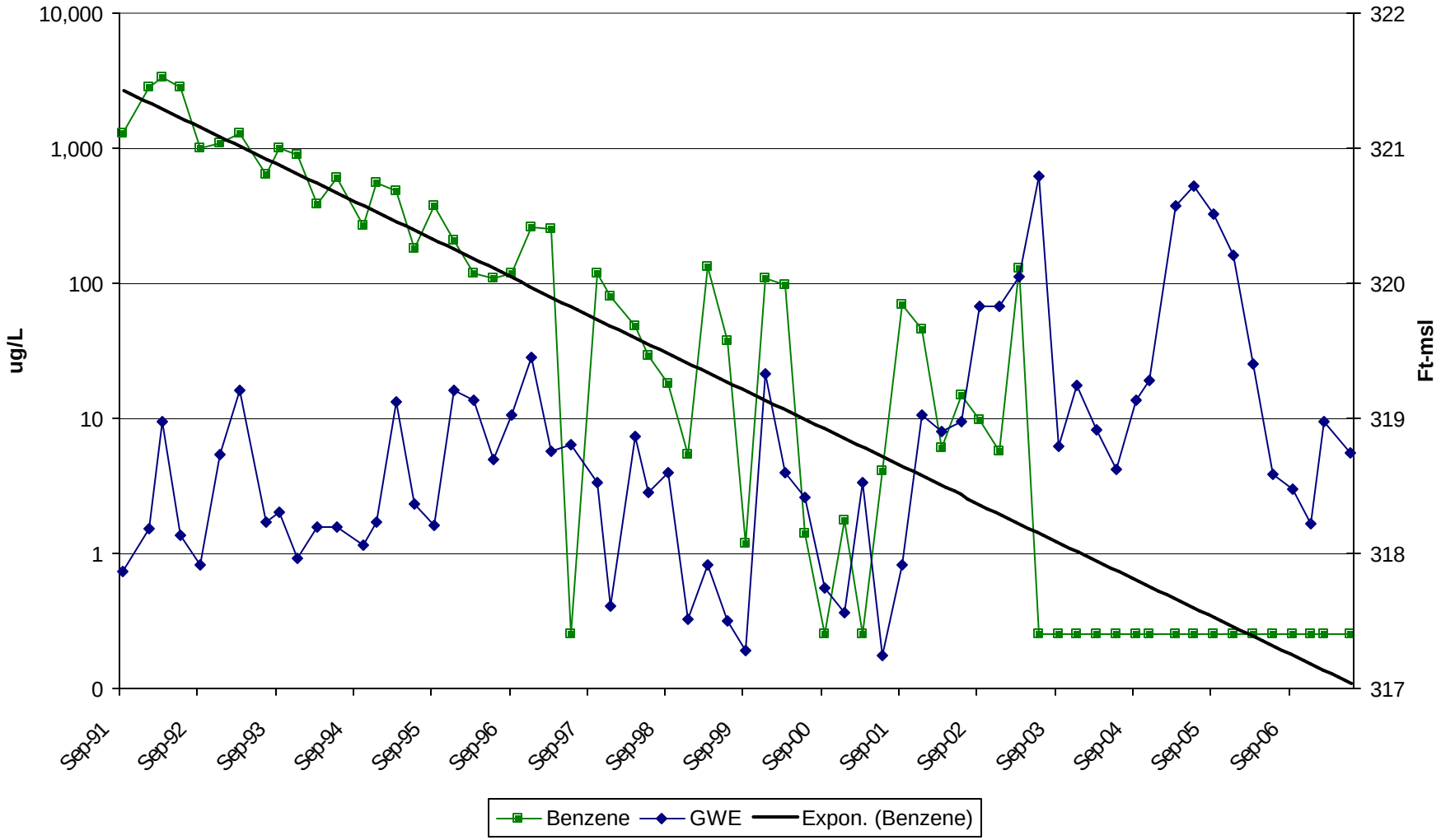
5280 Hopyard Road, Pleasanton, CA



Benzene versus Time MW-6

Chevron Service Station # 9-0917

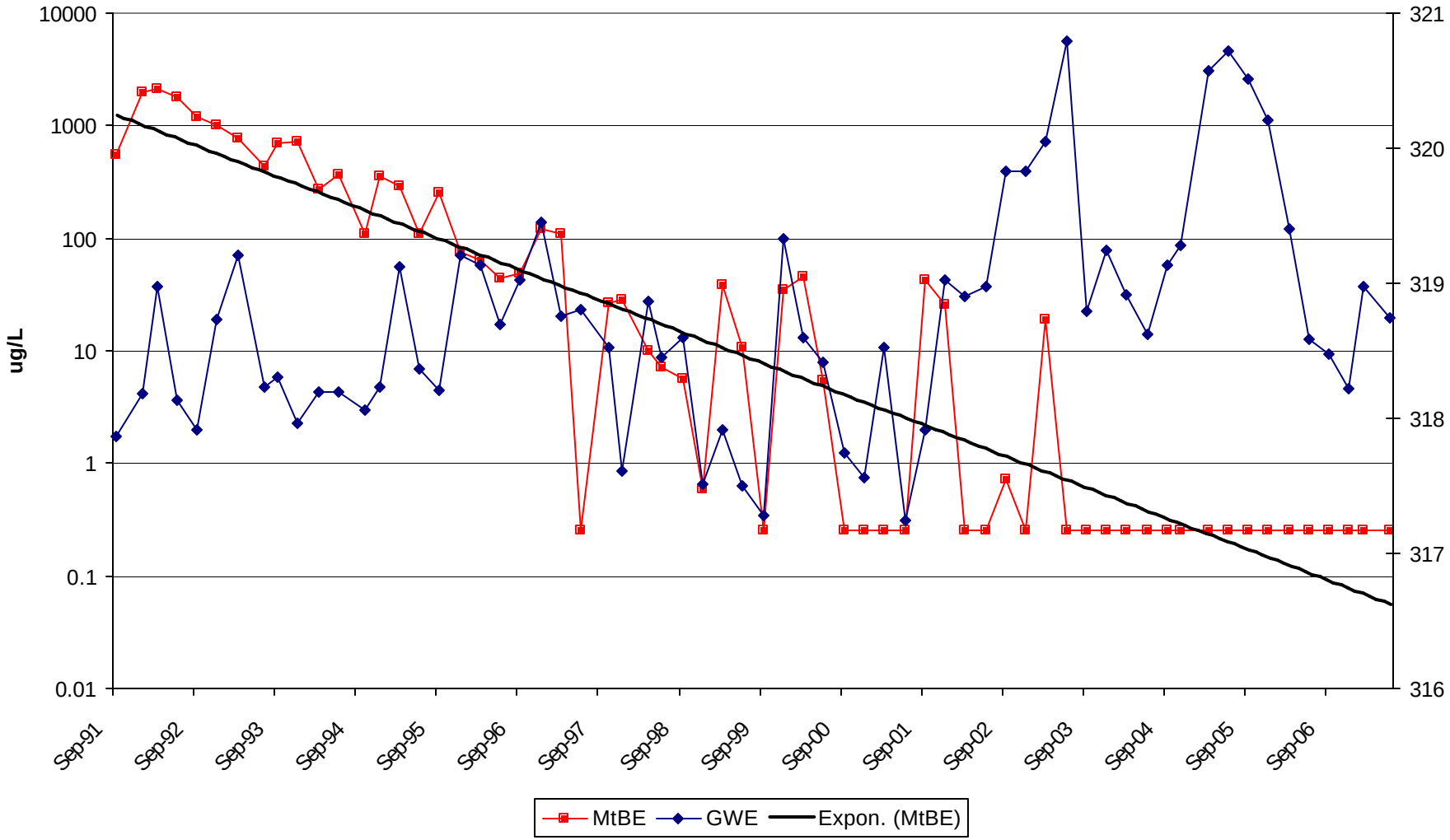
5280 Hopyard Road, Pleasanton, CA



MtBE versus Time MW-6

Chevron Service Station # 9-0917

5280 Hopyard Road, Pleasanton, CA



CONESTOGA-ROVERS
& ASSOCIATES

ATTACHEMENT C

Second Quarter 2007 Groundwater Monitoring and Sampling Report

GETTLER-RYAN INC.

July 10, 2007
G-R Job #385242

Mr. Thomas Bauhs
Chevron Environmental Management Company
P.O. Box 6012, Room K2204
San Ramon, CA 94583

RE: Second Quarter Event of June 1, 2007
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-0917
5280 Hopyard Road
Pleasanton, California

Dear Mr. Bauhs:

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

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

Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. The chain of custody document and laboratory analytical report are also attached.

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

Sincerely,

Deanna L. Harding

Deanna L. Harding
Project Coordinator

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

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

Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Groundwater Analytical Results - Oxygenate Compounds
Table 3: Dissolved Oxygen Concentrations
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports

WELL CONDITION STATUS SHEET

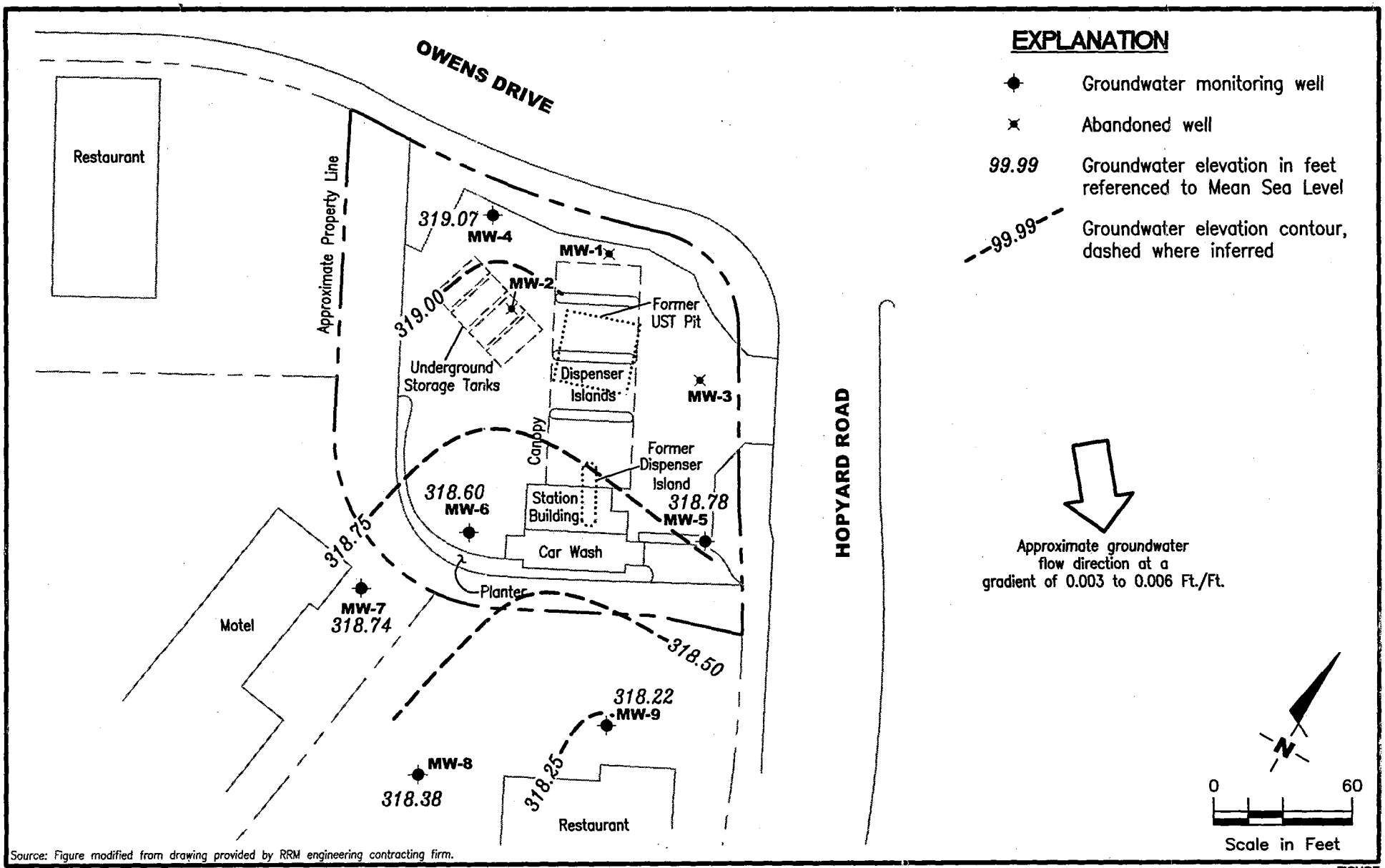
Client/Facility #: Chevron #9-0917 Job # 385242

Site Address: 5280 Hopyard Road Event Date: 6-1-07

City: Pleasanton, CA Sampler: Mike L.

WELL ID	Vault Frame Condition	Gasket/ O-Ring (M)missing	BOLTS (M) Missing (R) Replaced	Bolt Flanges B= Broken S= Stripped R=Retap	APRON Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient)	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y / N	REPLACE CAP Y / N	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Yes / No
MW-9	OK	→	→	→	→	→	→	N	N	EMCO/8"/2	NO
MW-8	OK	→	→	→	B	OK	OK	N	N	PEMCO/8"/2	Yes
MW-4	ok	→	→	2(S)	OK	→	→	N	N	EMCO/12"/2	NO
MW-7	OK	→	→	→	→	→	→	N	N	PEMCO/8"/2	NO
MW-6	OK	→	→	2(S)	OK	→	→	N	N	EMCO/12"/2	NO
MW-5	OK	→	→	1(S)	OK	→	→	N	N	EMCO/12"/2	NO

Comments



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

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

POTENTIOMETRIC MAP
Chevron Service Station #9-0917
5280 Hopyard Road
Pleasanton, California

FIGURE
1

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
385242		June 1, 2007	

FILE NAME: P:\Enviro\Chevron\9-0917\Q07-9-0917.DWG | Layout Tab: Pot2

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-4									
09/16/91	327.28	317.69	9.59	<50	<0.5	<0.5	<0.5	<0.5	--
01/22/92	327.28	317.79	9.49	<50	<0.5	<0.5	<0.5	<0.5	--
03/26/92	327.28	318.39	8.89	<50	<0.5	<0.5	<0.5	<0.5	--
06/05/92	327.28	318.06	9.22	<50	<0.5	<0.5	<0.5	<0.5	--
09/23/92	327.28	317.93	9.35	<50	<0.5	<0.5	<0.5	<0.5	--
12/30/92	327.28	319.00	8.28	<50	<0.5	<0.5	<0.5	<0.5	--
03/22/93	327.28	319.03	8.25	<50	<0.5	<0.5	<0.5	<0.5	--
06/14/93	327.28	318.12	9.16	--	--	--	--	--	--
07/25/93	327.28	318.18	9.10	<50	<0.5	<0.5	<0.5	<0.5	--
09/23/93	327.28	318.58	8.70	<50	<0.5	<0.5	<0.5	<0.5	--
12/28/93	327.28	317.38	9.90	<50	<0.5	<0.5	<0.5	0.5	--
03/21/94	327.28	318.03	9.25	<50	1.0	2.0	0.5	1.9	--
06/07/94	327.28	318.23	9.05	<50	<0.5	<0.5	<0.5	<0.5	--
10/07/94	327.28	318.31	8.97	<50	<0.5	<0.5	<0.5	<0.5	--
12/29/94	327.28	318.06	9.22	<50	<0.5	1.1	0.8	2.7	--
03/06/95	327.28	318.26	9.02	<50	<0.5	<0.5	<0.5	<0.5	--
06/14/95	327.28	318.47	8.81	170	<0.5	<0.5	<0.5	<0.5	--
09/14/95	327.28	318.00	9.28	<50	1.0	<0.5	1.6	<0.5	--
12/16/95	327.28	319.42	7.86	<50	<0.5	<0.5	<0.5	<0.5	150
03/28/96	327.28	318.94	8.34	<50	<0.5	<0.5	<0.5	<0.5	53
06/28/96	327.28	318.79	8.49	70	<0.5	<0.5	<0.5	<0.5	92
09/26/96	327.28	318.84	8.44	--	--	--	--	--	--
12/30/96	327.28	319.10	8.18	<50	<0.5	<0.5	<0.5	<0.5	100
03/13/97	327.28	318.43	8.85	--	--	--	--	--	--
06/30/97	327.28	318.79	8.49	260	<0.5	<0.5	<0.5	<0.5	330
09/30/97	326.93	318.32	8.61	--	--	--	--	--	--
12/31/97	326.93	318.40	8.53	<50	<0.5	<0.5	<0.5	<0.5	170
04/02/98	326.93	317.98	8.95	--	--	--	--	--	--
06/29/98	326.93	318.21	8.72	<50	<0.5	<0.5	<0.5	<0.5	150
09/16/98	326.93	317.59	9.34	--	--	--	--	--	--
12/23/98	326.93	318.18	8.75	<50	<0.5	<0.5	<0.5	<0.5	210
03/26/99	326.93	317.79	9.14	<100	<1.0	<1.0	<1.0	<1.0	303
06/25/99	326.93	317.72	9.21	<50	<0.5	<0.5	<0.5	<0.5	228/237[1]
09/16/99	326.93	317.01	9.92	--	--	--	--	--	--
12/15/99	326.93	318.32	8.61	<50	<0.5	<0.5	<0.5	<0.5	310
03/07/00	326.93	318.59	8.34	--	--	--	--	--	--
06/19/00	326.93	318.84	8.09	<50	<0.50	<0.50	<0.50	<0.50	370

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-4 (cont)									
09/18/00	326.93	318.21	8.72	<50.0	<0.500	<0.500	<0.500	<0.500	326
12/01/00	326.93	318.03	8.90	<50.0	<0.500	<0.500	<0.500	<0.500	478
03/13/01	326.93	318.96	7.97	<50.0	<0.500	<0.500	<0.500	<0.500	9.53
06/01/01	326.93	318.62	8.31	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0[7]
09/07/01	326.94	318.49	8.45	<50	<0.50	<0.50	<0.50	<1.5	400
12/05/01	326.94	319.44	7.50	<50	<0.50	<0.50	<0.50	<1.5	350
03/26/02	326.94	318.96	7.98	<50	<0.50	<0.50	<0.50	<1.5	340
06/14/02	326.94	319.10	7.84	<50	<0.50	<0.50	<0.50	<1.5	290
09/20/02	326.94	319.66	7.28	<50	<0.50	<0.50	<0.50	<1.5	420
12/12/02	326.94	320.18	6.76	<50	<0.50	<0.50	<0.50	<1.5	43/42[7]
03/07/03	326.94	320.78	6.16	<50	<0.50	<0.50	<0.50	<1.5	550/430[7]
06/06/03[9]	326.94	321.33	5.61	<50	<0.5	<0.5	<0.5	<0.5	3
09/05/03[9]	326.94	319.29	7.65	<50	<0.5	<0.5	<0.5	<0.5	11
12/15/03[9]	326.94	319.63	7.31	<50	<0.5	<0.5	<0.5	<0.5	5
03/15/04[9]	326.94	319.02	7.92	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/14/04[9]	326.94	318.69	8.25	<50	<0.5	<0.5	<0.5	<0.5	17
09/02/04[9]	326.94	319.55	7.39	<50	<0.5	<0.5	<0.5	<0.5	0.5
11/30/04[9]	326.94	319.66	7.28	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/11/05[9]	326.94	321.03	5.91	<50	<0.5	<0.5	<0.5	<0.5	0.7
06/29/05[9]	326.94	321.67	5.27	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/14/05[9]	326.94	321.24	5.70	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/06/05	326.94	320.81	6.13	SAMPLED ANNUALLY		--	--	--	--
03/10/06[9]	326.94	319.59	7.35	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/06/06	326.94	319.09	7.85	SAMPLED ANNUALLY		--	--	--	--
09/05/06	326.94	319.00	7.94	SAMPLED ANNUALLY		--	--	--	--
12/01/06	326.94	318.88	8.06	SAMPLED ANNUALLY		--	--	--	--
02/26/07[9]	326.94	319.05	7.89	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/01/07	**326.94**	**319.07**	**7.87**	**SAMPLED ANNUALLY**		--	--	--	--
MW-5									
09/16/91	327.82	317.76	10.06	12,000	4,000	29	1,600	92	--
01/22/92	327.82	317.24	10.58	44,000	2,000	320	5,700	2,400	--
03/26/92	327.82	318.64	9.18	39,000	3,200	210	5,700	2,400	--
06/05/92	327.82	317.92	9.90	28,000	3,800	140	4,000	2,000	--
09/23/92	327.82	317.85	9.97	40,000	2,000	290	2,900	1,800	--
12/30/92	327.82	319.02	8.80	44,000	9,000	190	3,100	1,600	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-5 (cont)									
03/22/93	327.82	318.49	9.33	43,000	6,500	170	2,400	2,400	--
06/14/93	327.82	318.04	9.78	--	--	--	--	--	--
07/25/93	327.82	318.10	9.72	43,000	550	45	2,700	1,100	--
09/23/93	327.82	318.40	9.42	44,000	14,000	640	3,700	1,800	--
12/28/93	327.82	318.15	9.67	56,000	12,000	590	4,100	1,600	--
03/21/94	327.82	318.11	9.71	48,000	12,000	600	4,700	1,600	--
06/07/94	327.82	318.10	9.72	42,000	13,000	480	3,700	1,200	--
10/07/94	327.82	318.27	9.55	15,000	1,100	41	950	34	--
12/29/94	327.82	317.90	9.92	45,000	12,000	460	3,600	1,400	--
03/06/95	327.82	318.50	9.32	40,000	9,700	210	3,500	700	--
06/14/95	327.82	318.41	9.41	42,000	8,000	170	3,700	640	--
09/14/95	327.82	317.30	10.52	26,000	4,100	85	2,000	270	--
12/16/95	327.82	319.48	8.34	35,000	7,300	<0.5	2,900	420	<500
03/28/96	327.82	318.09	9.73	30,000	5,200	160	3,500	600	<250
06/28/96	327.82	318.37	9.45	26,000	4,300	60	2,100	200	680
09/26/96	327.82	317.95	9.87	15,000	2,700	59	1,300	140	400
12/30/96	327.82	318.82	9.00	34,000	4,600	120	2,800	660	310
03/13/97	327.82	318.33	9.49	13,000	1,900	34	1,300	220	76
06/30/97	327.82	318.19	9.63	11,000	1,800	19	84	94	160
10/01/97	327.82	318.08	9.74	27,000	4,700	120	3,700	330	310
12/31/97	327.82	318.34	9.48	34,000	8,000	130	3,400	3,900	<500
04/02/98	327.82	317.44	10.38	27,000	4,600	65	3,400	270	270
06/29/98	327.82	317.79	10.03	16,000	3,000	<50	1,800	220	290
09/16/98	327.82	318.84	8.98	9,700	2,700	52	1,400	210	<250
12/23/98	327.82	318.00	9.82	5,100	1,600	18	570	39	130
03/26/99[2]	327.82	318.26	9.56	25,800	4,410	58.4	2,550	57.2	137
06/25/99	327.82	INACCESSIBLE	--	--	--	--	--	--	--
09/16/99	327.82	317.51	10.31	8,850	1,310	20.3	802	120	155
12/15/99	327.82	317.52	10.30	10,000	2,800	33	1,600	160	250
03/07/00	327.82	318.29	9.53	18,700	3,830	95.6	1,900	305	309
06/19/00[3]	327.82	318.90	8.92	1,000[4]	290	3.4	<1.0	14	52
09/18/00[3,6]	327.82	318.18	9.64	924[5]	205	<5.00	<5.00	<5.00	83.1
12/01/00[3]	327.82	318.05	9.77	<50.0	0.878	<0.500	<0.500	<0.500	<5.00
03/13/01[3]	327.82	318.67	9.15	333	55.0	0.803	21.8	1.44	2.07
06/01/01[3]	327.82	317.71	10.11	130[4]	36	<0.50	<0.50	<0.50	7.8/<2.0[7]
09/07/01[8]	327.82	318.43	9.39	2,600	330	<10	200	12	14
12/05/01	327.82	319.57	8.25	25,000	730	36	2,900	650	<25

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-5 (cont)									
03/26/02	327.82	319.44	8.38	25,000	1,500	31	2,100	400	<100
06/14/02	327.82	320.18	7.64	27,000	900	52	2,400	320	<50
09/20/02	327.82	320.45	7.37	26,000	450	50	2,400	1,100	<100
12/12/02	327.82	320.33	7.49	23,000	260	32	1,900	1,100	<50/<2[7]
03/07/03	327.82	320.38	7.44	21,000	270	39	2,000	1,100	<25/<1[7]
06/06/03[9]	327.82	321.10	6.72	1,700	22	3	190	140	<0.5
09/05/03[9]	327.82	318.90	8.92	20,000	170	23	1,200	1,100	<2
12/15/03[9]	327.82	319.47	8.35	22,000	240	23	1,300	970	<1
03/15/04[9]	327.82	318.80	9.02	17,000	150	20	1,400	790	<1
06/14/04[9]	327.82	319.45	8.37	15,000	100	12	1,300	730	<1
09/02/04[9]	327.82	319.92	7.90	12,000	81	12	960	600	<3
11/30/04[9]	327.82	319.62	8.20	13,000	54	8	750	280	<1
03/11/05[9]	327.82	320.41	7.41	11,000	50	5	810	120	<1
06/29/05[9]	327.82	320.07	7.75	10,000	58	5	600	75	<0.5
09/14/05[9]	327.82	320.26	7.56	11,000	49	4	660	49	<0.5
12/06/05[9]	327.82	320.09	7.73	6,500	26	2	210	21	<0.5
03/10/06[9]	327.82	319.46	8.36	7,500	45	2	420	13	<0.5
06/06/06[9]	327.82	318.82	9.00	8,000	40	1	340	6	<0.5
09/05/06[9]	327.82	319.06	8.76	8,200	28	1	340	2	<0.5
12/01/06[9]	327.82	319.02	8.80	6,400	26	1	360	3	0.5
02/26/07[9]	327.82	319.98	7.84	7,500	26	<0.5	370	3	<0.5
06/01/07[9]	**327.82**	**318.78**	**9.04**	**6,000**	**24**	**1**	**330**	**3**	**<0.5**
MW-6									
09/16/91	328.48	317.87	10.61	6,200	1,300	3.9	550	78	--
01/22/92	328.48	318.18	10.30	18,000	2,800	48	2,000	440	--
03/26/92	328.48	318.98	9.50	21,000	3,300	17	2,100	300	--
06/05/92	328.48	318.14	10.34	14,000	2,800	9.2	1,800	270	--
09/23/92	328.48	317.92	10.56	19,000	1,000	40	1,200	230	--
12/30/92	328.48	318.71	9.75	15,000	1,100	<5.0	1,000	77	--
03/22/93	328.48	319.21	9.27	15,000	1,300	10	770	220	--
06/14/93	328.48	318.33	10.15	--	--	--	--	--	--
07/25/93	328.48	318.23	10.25	6,400	630	<2.5	440	6.0	--
09/23/93	328.48	318.31	10.17	9,500	1,000	23	690	110	--
12/28/93	328.48	317.96	10.52	11,000	890	31	730	48	--
03/21/94	328.48	318.20	10.28	5,700	380	10	270	22	--
06/07/94	328.48	318.20	10.28	5,300	600	4.4	370	26	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-6 (cont)									
10/07/94	328.48	318.06	10.42	2,600	270	<5.0	110	<5.0	--
12/29/94	328.48	318.23	10.25	4,500	560	6.2	360	<5.0	--
03/06/95	328.48	319.12	9.36	4,100	480	15	290	20	--
06/14/95	328.48	318.37	10.11	2,800	180	6.9	110	6.6	--
09/14/95	328.48	318.21	10.27	3,100	370	<0.5	250	<0.5	--
12/16/95	328.48	319.21	9.27	1,900	210	<0.5	76	<0.5	<13
03/28/96	328.48	319.13	9.35	1,000	120	<0.5	64	<0.5	<5.0
06/28/96	328.48	318.70	9.78	950	110	0.8	44	<0.5	22
09/26/96	328.48	319.02	9.46	1,100	120	1.6	48	<0.5	17
12/30/96	328.48	319.45	9.03	3,200	260	2.3	120	<0.5	23
03/13/97	328.48	318.76	9.72	2,000	250	<0.5	110	<0.5	<5.0
06/30/97	328.48	318.81	9.67	470	<0.5	1.2	<0.5	<0.5	<5.0
10/01/97	327.82	318.53	9.29	1,500	120	3.4	27	<0.5	20
12/31/97	327.82	317.61	10.21	1,500	79	<2.5	28	<2.5	<12
04/02/98	327.82	318.86	8.96	760	48	2.3	9.9	<1.0	15
06/29/98	327.82	318.45	9.37	340	29	<2.5	7.1	<2.5	18
09/16/98	327.82	318.60	9.22	340	18	1.4	5.6	<1.0	18
12/23/98	327.82	317.51	10.31	390	5.4	1.2	0.58	1.2	15
03/26/99[2]	327.82	317.91	9.91	1,310	132	18.5	38.5	1.88	19.1
06/25/99	327.82	317.50	10.32	856	37.4	5.2	10.7	<0.5	<2.0/<5.0[1]
09/16/99	327.82	317.28	10.54	<50	1.19	<0.5	<0.5	<0.5	<5.0
12/15/99	327.82	319.33	8.49	1,400	110	<5.0	35	<5.0	37
03/07/00	327.82	318.60	9.22	1,200	97.9	2.16	44.8	<1.25	26
06/19/00[3]	327.82	318.42	9.40	160[1]	1.4	0.73	5.4	2.4	7.9
09/18/00[3,6]	327.82	317.74	10.08	234[5]	<0.500	1.72	<0.500	<0.500	<5.00
12/01/00[3]	327.82	317.56	10.26	79.5[5]	1.74	<0.500	<0.500	<0.500	<5.00
03/13/01[3]	327.82	318.53	9.29	180	<0.500	<0.500	<0.500	<0.500	<0.500
06/01/01[3]	327.82	317.24	10.58	280[4]	4.1	0.62	<0.50	<0.50	25/<2.0[7]
09/07/01[8]	327.83	317.92	9.91	1,200	70	<0.50	42	1.9	<2.5
12/05/01	327.83	319.02	8.81	1,600	45	<2.0	26	<1.5	<2.5
03/26/02	327.83	318.90	8.93	590	6.0	<0.50	<0.50	<1.5	<2.5
06/14/02	327.83	318.97	8.86	740	15	<0.50	<0.50	<1.5	<2.5
09/20/02	327.83	319.83	8.00	770	9.8	1.9	0.71	<1.5	<2.5
12/12/02	327.83	319.83	8.00	780	5.7	<0.50	<0.50	<1.5	<2.5/<2[7]
03/07/03	327.83	320.05	7.78	1,100	130	<0.50	19	<1.5	<2.5/<0.5[7]
06/06/03[9]	327.83	320.79	7.04	61	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/03[9]	327.83	318.79	9.04	390	<0.5	<0.5	<0.5	<0.5	0.9
12/15/03[9]	327.83	319.24	8.59	<50	<0.5	<0.5	<0.5	<0.5	<0.5

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WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-6 (cont)									
03/15/04[9]	327.83	318.92	8.91	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/14/04[9]	327.83	318.62	9.21	700	<0.5	<0.5	<0.5	<0.5	19
09/02/04[9]	327.83	319.14	8.69	610	<0.5	<0.5	<0.5	<0.5	15
11/30/04[9]	327.83	319.28	8.55	290	0.9	<0.5	<0.5	<0.5	14
03/11/05[9]	327.83	320.57	7.26	720	<0.5	<0.5	<0.5	<0.5	56
06/29/05[9]	327.83	320.72	7.11	370	<0.5	<0.5	<0.5	<0.5	22
09/14/05[9]	327.83	320.51	7.32	310	<0.5	<0.5	<0.5	<0.5	8
12/06/05[9]	327.83	320.21	7.62	190	<0.5	<0.5	<0.5	<0.5	4
03/10/06[9]	327.83	319.40	8.43	110	<0.5	<0.5	<0.5	<0.5	4
06/06/06[9]	327.83	318.59	9.24	510	<0.5	<0.5	<0.5	<0.5	5
09/05/06[9]	327.83	318.47	9.36	290	<0.5	<0.5	<0.5	<0.5	4
12/01/06[9]	327.83	318.22	9.61	230	<0.5	<0.5	<0.5	<0.5	4
02/26/07[9]	327.83	318.97	8.86	<50	<0.5	<0.5	<0.5	<0.5	3
06/01/07[9]	**327.83**	**318.60**	**9.23**	**630**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**4**
MW-7									
06/17/97	326.37	318.32	8.05	ND	ND	ND	ND	ND	ND
09/30/97	326.37	318.78	7.59	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/31/97	326.37	318.49	7.88	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/02/98	326.37	319.06	7.31	<50	2.6	<0.5	<0.5	<0.5	<2.5
06/29/98	326.37	318.39	7.98	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/16/98	326.37	318.55	7.82	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	326.37	318.37	8.00	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/99	326.37	318.43	7.94	<50	<0.5	<0.5	<0.5	<0.5	<2.0
06/25/99	326.37	318.65	7.72	<50	<0.5	<0.5	<0.5	<0.5	<2.0
09/16/99	326.37	317.61	8.76	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/15/99	326.37	318.42	7.95	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/07/00	326.37	319.38	6.99	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/19/00	326.37	318.64	7.73	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/18/00[6]	326.37	318.21	8.16	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
12/01/00	326.37	317.06	9.31	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
03/13/01	326.37	318.65	7.72	<50.0	<0.500	<0.500	<0.500	<0.500	1.10
06/01/01	326.37	318.40	7.97	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0[7]
09/07/01	326.37	318.61	7.76	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/05/01	326.37	318.99	7.38	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/26/02	326.37	318.96	7.41	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/14/02	326.37	318.85	7.52	<50	<0.50	<0.50	<0.50	<1.5	<2.5

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WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-7 (cont)									
09/20/02	326.37	319.65	6.72	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/12/02	326.37	319.18	7.19	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[7]
03/07/03	326.37	319.48	6.89	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5[7]
06/06/03[9]	326.37	319.62	6.75	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/03[9]	326.37	318.75	7.62	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/15/03[9]	326.37	319.16	7.21	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/15/04[9]	326.37	318.48	7.89	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/14/04[9]	326.37	318.56	7.81	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/02/04[9]	326.37	318.59	7.78	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/30/04[9]	326.37	318.67	7.70	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/11/05[9]	326.37	320.14	6.23	<50	<0.5	<0.5	<0.5	<0.5	0.7
06/29/05[9]	326.37	319.84	6.53	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/14/05[9]	326.37	319.69	6.68	<50	<0.5	<0.5	<0.5	<0.5	11
12/06/05[9]	326.37	319.34	7.03	<50	<0.5	<0.5	<0.5	<0.5	12
03/10/06[9]	326.37	319.27	7.10	<50	<0.5	<0.5	<0.5	<0.5	8
06/06/06[9]	326.37	318.60	7.77	<50	<0.5	<0.5	<0.5	<0.5	9
09/05/06[9]	326.37	318.55	7.82	<50	<0.5	<0.5	<0.5	<0.5	6
12/01/06[9]	326.37	318.32	8.05	<50	<0.5	<0.5	<0.5	<0.5	2
02/26/07[9]	326.37	318.89	7.48	<50	<0.5	<0.5	<0.5	<0.5	3
06/01/07[9]	**326.37**	**318.74**	**7.63**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**2**
MW-8									
06/17/97	325.89	318.15	7.74	ND	ND	ND	ND	ND	ND
09/30/97	325.89	318.16	7.73	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/31/97	325.89	318.27	7.62	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/02/98	325.89	318.48	7.41	<50	<0.5	1.3	0.67	3.5	<2.5
06/29/98	325.89	317.98	7.91	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/16/98	325.89	318.42	7.47	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	325.89	318.28	7.61	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/99	325.89	316.81	9.08	<50	<0.5	<0.5	<0.5	<0.5	5.01
06/25/99	325.89	315.94	9.95	<50	<0.5	<0.5	<0.5	<0.5	<2.0
09/16/99	325.89	316.00	9.89	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/15/99	325.89	317.14	8.75	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/07/00	325.89	317.11	8.78	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/19/00	325.89	318.34	7.55	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/18/00	325.89	317.64	8.25	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
12/01/00	325.89	317.45	8.44	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00

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WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-8 (cont)									
03/13/01	325.89	318.32	7.57	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500
06/01/01	325.89	317.97	7.92	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0[7]
09/07/01	325.89	318.11	7.78	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/05/01	325.89	318.57	7.32	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/26/02	325.89	318.18	7.71	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/14/02	325.89	318.24	7.65	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/20/02	325.89	318.53	7.36	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/12/02	325.89	319.00	6.89	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[7]
03/07/03	325.89	318.94	6.95	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5[7]
06/06/03[9]	325.89	319.09	6.80	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/03[9]	325.89	317.24	8.65	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/15/03[9]	325.89	317.62	8.27	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/15/04[9]	325.89	318.64	7.25	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/14/04[9]	325.89	318.03	7.86	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/02/04[9]	325.89	318.05	7.84	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/30/04[9]	325.89	318.16	7.73	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/11/05[9]	325.89	319.46	6.43	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/29/05[9]	325.89	317.50	8.39	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/14/05[9]	325.89	318.58	7.31	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/06/05	325.89	318.78	7.11	SAMPLED ANNUALLY		--	--	--	--
03/10/06[9]	325.89	318.77	7.12	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/06/06	325.89	318.45	7.44	SAMPLED ANNUALLY		--	--	--	--
09/05/06	325.89	318.08	7.81	SAMPLED ANNUALLY		--	--	--	--
12/01/06	325.89	318.55	7.34	SAMPLED ANNUALLY		--	--	--	--
02/26/07[9]	325.89	318.70	7.19	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/01/07	**325.89**	**318.38**	**7.51**	**SAMPLED ANNUALLY**		--	--	--	--
MW-9									
06/20/97	325.73	317.88	7.85	ND	ND	ND	ND	ND	ND
10/01/97	325.73	318.10	7.63	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/31/97	325.73	318.53	7.20	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/02/98	325.73	318.52	7.21	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/29/98	325.73	315.31	10.42	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/16/98	325.73	315.99	9.74	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	325.73	317.59	8.14	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/99	325.73	317.62	8.11	<50	<0.5	<0.5	<0.5	<0.5	<2.0
06/25/99	325.73	318.28	7.45	<50	<0.5	<0.5	<0.5	<0.5	<2.0

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WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-9 (cont)									
09/16/99	325.73	316.87	8.86	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/15/99	325.73	317.93	7.80	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/07/00	325.73	318.37	7.36	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/19/00	325.73	318.39	7.34	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/18/00	325.73	317.61	8.12	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
12/01/00	325.73	317.46	8.27	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
03/13/01	325.73	318.34	7.39	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500
06/01/01	325.73	317.92	7.81	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0[7]
09/07/01	325.73	317.55	8.18	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/05/01	325.73	318.58	7.15	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/26/02	325.73	318.47	7.26	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/14/02	325.73	318.62	7.11	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/20/02	325.73	318.74	6.99	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/12/02	325.73	318.92	6.81	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[7]
03/07/03	325.73	318.95	6.78	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5[7]
06/06/03[9]	325.73	319.09	6.64	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/03[9]	325.73	318.30	7.43	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/15/03[9]	325.73	318.65	7.08	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/15/04[9]	325.73	318.43	7.30	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/14/04[9]	325.73	318.28	7.45	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/02/04[9]	325.73	318.48	7.25	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/30/04[9]	325.73	318.62	7.11	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/11/05[9]	325.73	319.44	6.29	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/29/05[9]	325.73	319.11	6.62	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/14/05	325.73	INACCESSIBLE - VEHICLE PARKED OVER WELL							
12/06/05	325.73	318.75	6.98	SAMPLED ANNUALLY		--	--	--	--
03/10/06[9]	325.73	318.72	7.01	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/06/06	325.73	318.27	7.46	SAMPLED ANNUALLY		--	--	--	--
09/05/06	325.73	318.24	7.49	SAMPLED ANNUALLY		--	--	--	--
12/01/06	325.73	318.11	7.62	SAMPLED ANNUALLY		--	--	--	--
02/26/07[9]	325.73	318.44	7.29	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/01/07	**325.73**	**318.22**	**7.51**	**SAMPLED ANNUALLY**		--	--	--	--
MW-1									
07/12/89	326.48	--	--	100	<0.5	<0.5	6.0	<0.5	--
08/02/89	326.48	318.38	8.10	--	--	--	--	--	--
10/24/89	326.48	318.97	7.51	<50	1.0	<0.5	13	<0.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-1(cont)									
03/12/90	326.48	318.07	8.41	140	0.8	<0.5	1.0	<0.5	--
03/26/90	326.48	318.34	8.14	--	--	--	--	--	--
06/22/90	326.48	318.17	8.31	<50	<0.5	<0.5	<0.5	<0.5	--
09/11/90	326.48	318.35	8.14	<50	<0.5	<0.5	<0.5	<0.5	--
04/18/91	326.48	318.34	8.02	77	<0.5	<0.5	<0.5	<0.5	--
ABANDONED									
MW-2									
07/17/89	327.53	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/02/89	327.53	318.48	9.05	--	--	--	--	--	--
10/24/89	327.53	318.29	9.24	<50	<0.5	<0.5	<0.5	<0.5	--
03/12/90	327.53	317.46	10.07	<50	<0.5	<0.5	<0.5	<0.5	--
03/26/90	327.53	317.48	10.05	--	--	--	--	--	--
06/22/90	327.53	317.48	10.05	<50	<0.5	<0.5	<0.5	<0.5	--
09/11/90	327.53	317.85	9.68	<50	<0.5	<0.5	<0.5	<0.5	--
04/18/91	327.53	318.30	9.23	<50	<0.5	<0.5	<0.5	<0.5	--
ABANDONED									
MW-3									
07/17/89	326.47	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/02/89	326.47	318.32	8.15	--	--	--	--	--	--
10/24/89	326.47	318.88	7.59	<50	<0.5	<0.5	<0.5	<0.5	--
03/12/90	326.47	318.00	8.47	<50	<0.5	<0.5	<0.5	<0.5	--
03/26/90	326.47	317.64	8.83	--	--	--	--	--	--
06/22/90	326.47	317.64	8.83	<50	0.4	<0.5	0.8	<0.5	--
09/11/90	326.47	318.06	8.41	<50	<0.5	<0.5	<0.5	<0.5	--
04/18/91	326.47	318.49	7.98	<50	<0.5	<0.5	<0.5	<0.5	--
ABANDONED									
BAILER BLANK									
03/22/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/25/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/23/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/28/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/21/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
TRIP BLANK									
06/22/90	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
09/16/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/22/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/26/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/05/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/23/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/30/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/22/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/25/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/23/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/28/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/21/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/07/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/07/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/29/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/06/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/14/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/14/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/16/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/28/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
06/28/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/26/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/30/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/13/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
06/30/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
10/01/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/31/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/02/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/29/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/16/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
09/16/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/15/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/07/00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/19/00	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/18/00	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
12/01/00	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
QA(cont)									
03/13/01	--	--	--	<50.0	<0.500	1.61	<0.500	0.593	<0.500
06/01/01	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/07/01	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/05/01	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/26/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/14/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/20/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/12/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/07/03	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/06/03[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/03[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/15/03[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/15/04[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/14/04[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/02/04[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/30/04[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/11/05[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/29/05[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/14/05[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/06/05[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/10/06[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/06/06[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/06[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/01/06[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/26/07[9]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/01/07[9]	--	--	--	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0917
5280 Hopyard Road
Pleasanton, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to June 19, 2000, were compiled by reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing
(ft.) = Feet
GWE = Groundwater Elevation
(msl) = Mean sea level
DTW = Depth to Water
TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl tertiary butyl ether
(ppb) = Parts per billion

-- = Not Measured/Not Analyzed
QA = Quality Assurance/Trip Blank

1 Confirmation run.
2 ORC installed.
3 ORC present in well.
4 Laboratory report indicates gasoline C6-C12.
5 Laboratory report indicates unidentified hydrocarbons C6-C12.
6 Laboratory report indicates insufficient preservative to reduce sample pH to less than 2. Sample was analyzed within 14 days, but beyond the seventh day recommended for Benzene, Toluene, Xylenes, and Ethylbenzene.
7 MTBE by EPA Method 8260.
8 Removed ORC from well.
9 BTEX and MTBE by EPA Method 8260.

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
MW-4	06/01/01	--	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/12/02	--	<100	42	<2	<2	<2	<2	<2
	03/07/03	--	<5	430	<0.5	<0.5	3	<0.5	<0.5
	06/06/03	--	--	3	--	--	--	--	--
	09/05/03	<50	--	11	--	--	--	--	--
	12/15/03	<50	--	5	--	--	--	--	--
	03/15/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	06/14/04	<50	<5	17	<0.5	<0.5	<0.5	--	--
	09/02/04	<50	<5	0.5	<0.5	<0.5	<0.5	--	--
	11/30/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	03/11/05	<50	<5	0.7	<0.5	<0.5	<0.5	--	--
	06/29/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	09/14/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	12/06/05	SAMPLED ANNUALLY		--	--	--	--	--	--
	03/10/06	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	02/26/07	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--
MW-5	06/01/01	--	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/12/02	--	<100	<2	<2	<2	<2	<2	<2
	03/07/03	--	<10	<1	<1	<1	<1	<1	<1
	06/06/03	--	--	<0.5	--	--	--	--	--
	09/05/03	<200	--	<2	--	--	--	--	--
	12/15/03	<130	--	<1	--	--	--	--	--
	03/15/04	<130	<13	<1	<1	<1	<1	--	--
	06/14/04	<100	<10	<1	<1	<1	<1	--	--
	09/02/04	<250	<25	<3	<3	<3	<3	--	--
	11/30/04	<130	<13	<1	<1	<1	<1	--	--
	03/11/05	<100	<10	<1	<1	<1	<1	--	--
	06/29/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	09/14/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	12/06/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	03/10/06	<50	13	<0.5	<0.5	<0.5	<0.5	--	--
	06/06/06	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	09/05/06	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	12/01/06	<50	<5	0.5	<0.5	<0.5	<0.5	--	--
	02/26/07	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--
	06/01/07	**<50**	**<2**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	--	--

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
MW-6	06/01/01	--	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/12/02	--	<100	<2	<2	<2	<2	4	<2
	03/07/03	--	<5	<0.5	<0.5	<0.5	<0.5	1	<0.5
	06/06/03	--	--	<0.5	--	--	--	--	--
	09/05/03	<50	--	0.9	--	--	--	--	--
	12/15/03	<50	--	<0.5	--	--	--	--	--
	03/15/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	06/14/04	<50	<5	19	<0.5	<0.5	<0.5	--	--
	09/02/04	<50	<5	15	<0.5	<0.5	<0.5	--	--
	11/30/04	<50	<5	14	<0.5	<0.5	<0.5	--	--
	03/11/05	<50	<5	56	<0.5	<0.5	3	--	--
	06/29/05	<50	<5	22	<0.5	<0.5	0.8	--	--
	09/14/05	<50	<5	8	<0.5	<0.5	<0.5	--	--
	12/06/05	<50	<5	4	<0.5	<0.5	<0.5	--	--
	03/10/06	<50	<5	4	<0.5	<0.5	<0.5	--	--
	06/06/06	<50	<5	5	<0.5	<0.5	<0.5	--	--
	09/05/06	<50	<5	4	<0.5	<0.5	<0.5	--	--
	12/01/06	<50	<5	4	<0.5	<0.5	<0.5	--	--
	02/26/07	<50	<2	3	<0.5	<0.5	<0.5	--	--
	06/01/07	**<50**	**<2**	**4**	**<0.5**	**<0.5**	**<0.5**	--	--
MW-7	06/01/01	--	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/12/02	--	<100	<2	<2	<2	<2	<2	<2
	03/07/03	--	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	06/06/03	--	--	<0.5	--	--	--	--	--
	09/05/03	<50	--	<0.5	--	--	--	--	--
	12/15/03	<50	--	<0.5	--	--	--	--	--
	03/15/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	06/14/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	09/02/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	11/30/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	03/11/05	<50	<5	0.7	<0.5	<0.5	<0.5	--	--
	06/29/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	09/14/05	<50	<5	11	<0.5	<0.5	<0.5	--	--
	12/06/05	<50	<5	12	<0.5	<0.5	<0.5	--	--
	03/10/06	<50	<5	8	<0.5	<0.5	<0.5	--	--
	06/06/06	<50	<5	9	<0.5	<0.5	<0.5	--	--
	09/05/06	<50	<5	6	<0.5	<0.5	<0.5	--	--

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
MW-7 (cont)	12/01/06	<50	<5	2	<0.5	<0.5	<0.5	--	--
	02/26/07	<50	<2	3	<0.5	<0.5	<0.5	--	--
	06/01/07	**<50**	**<2**	**2**	**<0.5**	**<0.5**	**<0.5**	--	--
MW-8	06/01/01	--	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/12/02	--	<100	<2	<2	<2	<2	<2	<2
	03/07/03	--	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	06/06/03	--	--	<0.5	--	--	--	--	--
	09/05/03	<50	--	<0.5	--	--	--	--	--
	12/15/03	<50	--	<0.5	--	--	--	--	--
	03/15/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	06/14/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	09/02/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	11/30/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	03/11/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	06/29/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	09/14/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	12/06/05	SAMPLED ANNUALLY		--	--	--	--	--	--
	03/10/06	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	02/26/07	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--
								--	--
MW-9	06/01/01	--	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/12/02	--	<100	<2	<2	<2	<2	<2	<2
	03/07/03	--	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	06/06/03	--	--	<0.5	--	--	--	--	--
	09/05/03	<50	--	<0.5	--	--	--	--	--
	12/15/03	<50	--	<0.5	--	--	--	--	--
	03/15/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	06/14/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	09/02/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	11/30/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	03/11/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	06/29/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	09/14/05	INACCESSIBLE - VEHICLE PARKED OVER WELL							
	12/06/05	SAMPLED ANNUALLY		--	--	--	--	--	--
	03/10/06	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	02/26/07	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

EXPLANATIONS:

TBA = Tertiary butyl alcohol
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
1,2-DCA = 1,2-Dichloroethane
EDB = Ethylene dibromide/1,2-Dibromoethane
(ppb) = Parts per billion
-- = Not Analyzed

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

Table 3

Dissolved Oxygen Concentrations

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID	DATE	Before Purging (mg/L)	After Purging (mg/L)
MW-4	09/07/01	1.96	--
	12/05/01	1.96	--
	03/26/02	2.10	--
	06/14/02	3.10	--
	09/20/02	2.30	--
	12/12/02	2.10	--
	03/07/03	0.40	--
	06/06/03	2.10	--
	09/05/03	2.00	--
	12/15/03	2.46	--
	03/15/04	1.20	--
	06/14/04	1.80	--
	09/02/04	1.60	--
	11/30/04	1.80	--
	03/11/05	2.30	--
	06/29/05	2.40	--
	09/14/05	2.70	--
	03/10/06	2.20	--
	02/26/07	2.60	--
MW-5	06/19/00	9.65	--
	09/18/00	3.59	--
	12/01/00	3.76	--
	03/13/01	3.59	--
	06/01/01	3.36	--
	09/07/01	4.02	--
	12/05/01	1.04	--
	03/26/02	1.00	--
	06/14/02	0.90	--
	09/20/02	1.00	--
	12/12/02	1.10	--
	03/07/03	0.10	--
	06/06/03	0.80	--
	09/05/03	1.00	--
	12/15/03	1.78	--
	03/15/04	1.60	--
	06/14/04	2.40	--
	09/02/04	1.90	--
	11/30/04	2.00	--
	03/11/05	2.30	--
	06/29/05	1.90	--
	09/14/05	1.60	--
	12/06/05	2.10	--
	03/10/06	1.80	--
	06/06/06	1.10	--
	09/05/06	1.70	--
	12/01/06	1.90	--
	02/26/07	2.20	--
	06/01/07	**1.9**	--

Table 3

Dissolved Oxygen Concentrations

Chevron Service Station #9-0917

5280 Hopyard Road

Pleasanton, California

WELL ID	DATE	Before Purging (mg/L)	After Purging (mg/L)
MW-6	06/19/00	5.88	--
	09/18/00	4.81	--
	12/01/00	4.27	--
	03/13/01	4.12	--
	06/01/01	3.84	--
	09/07/01	4.26	--
	12/05/01	1.26	--
	03/26/02	1.30	--
	06/14/02	1.40	--
	09/20/02	1.30	--
	12/12/02	1.40	--
	03/07/03	0.90	--
	06/06/03	1.20	--
	09/05/03	1.30	--
	12/15/03	1.91	--
	03/15/04	1.40	--
	06/14/04	1.50	--
	09/02/04	1.70	--
	11/30/04	1.80	--
	03/11/05	2.30	--
	06/29/05	1.50	--
	09/14/05	0.70	--
	12/06/05	1.60	--
	03/10/06	1.60	--
	06/06/06	0.60	--
	09/05/06	1.20	--
	12/01/06	1.40	--
	02/26/07	1.50	--
	06/01/07	**1.3**	--
MW-7	09/07/01	2.04	--
	12/05/01	1.84	--
	03/26/02	2.00	--
	06/14/02	2.00	--
	09/20/02	2.10	--
	12/12/02	2.00	--
	03/07/03	0.10	--
	06/06/03	1.50	--
	09/05/03	1.80	--
	12/15/03	3.02	--
	03/15/04	1.70	--
	06/14/04	1.10	--
	09/02/04	1.00	--
	11/30/04	0.90	--
	03/11/05	2.40	--
	06/29/05	2.20	--
	09/14/05	1.70	--
	12/06/05	2.00	--
	03/10/06	2.20	--
	06/06/06	0.90	--
	09/05/06	0.93	--

Table 3

Dissolved Oxygen Concentrations
Chevron Service Station #9-0917
5280 Hopyard Road
Pleasanton, California

WELL ID	DATE	Before Purging (mg/L)	After Purging (mg/L)
MW-7(cont)	12/01/06	1.12	--
	02/26/07	0.97	--
	06/01/07	1.1	--
MW-8	09/07/01	2.17	--
	12/05/01	2.10	--
	03/26/02	2.10	--
	06/14/02	2.00	--
	09/20/02	2.10	--
	12/12/02	2.20	--
	03/07/03	0.60	--
	06/06/03	1.70	--
	09/05/03	2.00	--
	12/15/03	2.93	--
	03/15/04	1.30	--
	06/14/04	1.60	--
	09/02/04	1.20	--
	11/30/04	1.30	--
	03/11/05	1.60	--
	06/29/05	1.20	--
	09/14/05	1.60	--
	03/10/06	1.50	--
	02/26/07	1.90	--
MW-9	09/07/01	1.72	--
	12/05/01	2.21	--
	03/26/02	2.20	--
	06/14/02	1.90	--
	09/20/02	2.00	--
	12/12/02	2.10	--
	03/07/03	0.60	--
	06/06/03	1.80	--
	09/05/03	1.90	--
	12/15/03	3.15	--
	03/15/04	1.80	--
	06/14/04	1.00	--
	09/02/04	1.10	--
	11/30/04	1.20	--
	03/11/05	0.20	--
	06/29/05	1.60	--
	09/14/05	INACCESSIBLE - VEHICLE PARKED OVER WELL	
	03/10/06	1.40	--
	02/26/07	1.70	--

EXPLANATIONS:

(mg/L) = Milligrams per liter
-- = Not Measured

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. Prior to sample collection, the type of analysis to be performed is determined. Loss prevention of volatile compounds is controlled and sample preservation for subsequent analysis is maintained.

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, suction, Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging. 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 possible. 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. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

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

A laboratory supplied trip blank accompanies each sampling set. For sampling sets greater than 20 samples, 5% trip blanks are included. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-0917 Job Number: 385242
Site Address: 5280 Hopyard Road Event Date: 6-1-07 (inclusive)
City: Pleasanton, CA Sampler: ML

Well ID MW-4 Date Monitored: 6-1-07 Well Condition: See WCSS
Well Diameter 2 in.
Total Depth 24.81 ft.
Depth to Water 7.87 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

— xVF — = — x3 case volume= Estimated Purge Volume: — gal.

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

Sampling Equipment:
Disposable Bailer
Pressure Bailer
Discrete Bailer
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): Weather Conditions:
Sample Time/Date: / Water Color: Odor:
Purging Flow Rate: gpm. Sediment Description:
Did well de-water? If yes, Time: Volume: gal.

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ 5 OXYS+ETHANOL(8260)

COMMENTS: M/O

Add/Replaced Lock: Add/Replaced Plug: Size:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: **Chevron #9-0917** Job Number: **385242**

Site Address: **5280 Hopyard Road** Event Date: 6-1-07 (inclusive)

City: **Pleasanton, CA** Sampler: ML

Well ID **MW-5** Date Monitored: 6-1-07 Well Condition: see WCSS

Well Diameter 2 in.

Total Depth 24.02 ft.

Depth to Water 9.04 ft.

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

14.98 xVF 0.17 = 2.5 x3 case volume= Estimated Purge Volume: 7.5 gal.

Purge Equipment:

Disposable Bailer X

Stainless Steel Bailer

Stack Pump

Suction Pump

Grundfos

Other:

Sampling Equipment:

Disposable Bailer X

Pressure Bailer

Discrete Bailer

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): 1110 Weather Conditions: Sunny

Sample Time/Date: 1145 / 6-1-07 Water Color: clear Odor: Yes

Purging Flow Rate: ~ gpm. Sediment Description: none

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

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1117	2.5	8.08	973	18.2	Pre: 1.9	
1125	5	7.79	956	18.6		
1132	7.5	7.64	940	*19.1		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-5	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ 5 OXYS+ETHANOL(8260)

COMMENTS:

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility #: Chevron #9-0917 Job Number: 385242
Site Address: 5280 Hopyard Road Event Date: 6-1-07 (inclusive)
City: Pleasanton, CA Sampler: ML

Well ID MW-6 Date Monitored: 6-1-07 Well Condition: see WCSS
Well Diameter 2 in.
Total Depth 25.12 ft.
Depth to Water 9.23 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

15.89 xVF 0.17 = 2.7 x3 case volume= Estimated Purge Volume: 8.1 gal.

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

Sampling Equipment:
Disposable Bailer X
Pressure Bailer
Discrete Bailer
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): 1025 Weather Conditions: Sunny
Sample Time/Date: 1055 / 6-1-07 Water Color: clear Odor: Yes
Purging Flow Rate: — gpm. Sediment Description: none
Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1032	3	7.61	3943	18.5	Pre: 1.3	
1038	6	7.54	3832	18.5		
1044	8.25	7.53	3901	19.1		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-6	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ 5 OXYS+ETHANOL(8260)

COMMENTS:

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-0917 Job Number: 385242
Site Address: 5280 Hopyard Road Event Date: 6-1-07 (inclusive)
City: Pleasanton, CA Sampler: ML

Well ID MW-7 Date Monitored: 6-1-07 Well Condition: See WCSS
Well Diameter 2 in.
Total Depth 20.04 ft.
Depth to Water 7.63 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

12.41 xVF 0.17 = 2.1 x3 case volume= Estimated Purge Volume: 6.3 gal.

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

Sampling Equipment:
Disposable Bailer: X
Pressure Bailer:
Discrete Bailer:
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): 0942 Weather Conditions: Sunny
Sample Time/Date: 1010 / 6-1-07 Water Color: Clear Odor: No
Purging Flow Rate: — gpm. Sediment Description: None
Did well de-water? No If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0945	2	7.20	2797	20.7	Pre: 1.1	
0950	4	7.21	3254	20.1		
0956	6.5	7.17	3259	19.8		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-7	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ 5 OXYS+ETHANOL(8260)

COMMENTS: Spent 10 minutes removing mud from inside well

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility #: Chevron #9-0917 Job Number: 385242
Site Address: 5280 Hopyard Road Event Date: 6-1-07 (inclusive)
City: Pleasanton, CA Sampler: ML

Well ID MW-8 Date Monitored: 6-1-07 Well Condition: see WCSS
Well Diameter 2 in.
Total Depth 20.38 ft.
Depth to Water 7.51 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

— xVF — = — x3 case volume= Estimated Purge Volume: — gal.

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

Sampling Equipment:
Disposable Bailer
Pressure Bailer
Discrete Bailer
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): Weather Conditions:
Sample Time/Date: / Water Color: Odor:
Purging Flow Rate: gpm. Sediment Description:
Did well de-water? If yes, Time: Volume: gal.

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ 5 OXYS+ETHANOL(8260)

COMMENTS: M10

Add/Replaced Lock: Add/Replaced Plug: Size:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility #: Chevron #9-0917 Job Number: 385242
Site Address: 5280 Hopyard Road Event Date: 6-1-07 (inclusive)
City: Pleasanton, CA Sampler: ML

Well ID MW-9 Date Monitored: 6-1-07 Well Condition: see WCSS
Well Diameter 2 in.
Total Depth 19.97 ft.
Depth to Water 7.51 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

— xVF — = — x3 case volume= Estimated Purge Volume: — gal.

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

Sampling Equipment:
Disposable Bailer
Pressure Bailer
Discrete Bailer
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): Weather Conditions:
Sample Time/Date: / Water Color: Odor:
Purging Flow Rate: gpm. Sediment Description:
Did well de-water? If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
					Pre:	

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ 5 OXYS+ETHANOL(8260)

COMMENTS: M10

Add/Replaced Lock: Add/Replaced Plug: Size:

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

060407-07 Acct. #: 12099

For Lancaster Laboratories use only
Sample #: 5071689-92
SCR#: 1041066
Group# 1041066 BMBC 6/5/07

Cambria MTI Project #: 61H-1959

Facility #: SS#9-0917 G-R#385242 Global ID#T0600100345
Site Address: 5280 HOPYARD ROAD, PLEASANTON, CA
Chevron PM: MTI Lead Consultant: CRASC
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: Mike Lombard
Service Order #: ☐ Non SAR:

Matrix: Soil; Water (☐ Potable ☐ NPDES); Oil ☐ Air ☐

Analyses Requested / Preservation Codes: BTEX + MTBE 8260 ☒ 8021 ☐ (H); TPH 8015 MOD GRO (H); TPH 8015 MOD DRO ☐ Silica Gel Cleanup; 8260 full scan; 5 Oxygenates + Ethanol (8260) (H); Lead 7420 ☐ 7421 ☐

Sample Identification	Date Collected	Time Collected	Grab	Composite	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	5 Oxygenates + Ethanol (8260)	Lead 7420 ☐ 7421 ☐
QA	6-1-07		X			X		2	X	X				
MW-5	↓	1145	X			X		6	X	X			X	
MW-6	↓	1055	X			X		6	X	X			X	
MW-7	↓	1010	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
Type VI (Raw Data) ☐ Coelt Deliverable not needed **EDF/EDD**
WIP (RWQCB)
Disk

Relinquished by	Date	Time	Received by	Date	Time
Mike Lombard	6-1-07	1300	D Vano	6/4/07	
D Vano	6/4/07		Elizabeth Roh	6/4/07	1300
Elizabeth Roh	6/4/07	1530	DHL	6/4/07	
Relinquished by Commercial Carrier: UPS FedEx Other (DHL)			Kathy Binkley	6-5-07	1000

Temperature Upon Receipt 7.0-8.4 °C BKB 6-5-07
Custody Seals Intact? (Yes) No

Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

3460 Rev. 7/30/01

Lancaster Laboratories

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Analysis Report

ANALYTICAL RESULTS

Prepared for:

Chevron c/o CRA
Suite 110
2000 Opportunity Drive
Roseville CA 95678

916-677-3407

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 1041066. Samples arrived at the laboratory on Tuesday, June 05, 2007. The PO# for this group is 0015002176 and the release number is MTI.

Client Description			Lancaster Labs Number
QA-T-070601	NA	Water	5071689
MW-5-W-070601	Grab	Water	5071690
MW-6-W-070601	Grab	Water	5071691
MW-7-W-070601	Grab	Water	5071692

ELECTRONIC COPY TO Gettler-Ryan, Inc. Attn: Cheryl Hansen

Lancaster Laboratories

Analysis Report

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

Respectfully Submitted,

Susan M Goshert

Susan M. Goshert
Group Leader

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5071689

QA-T-070601 NA Water
Facility# 90917 Job# 385242 MTI# 61H-1959 GRD
5280 Hopyard-Pleasanton T0600100345 QA
Collected:06/01/2007

Account Number: 12099

Submitted: 06/05/2007 10:00
Reported: 06/15/2007 at 18:02
Discard: 07/16/2007

Chevron c/o CRA
Suite 110
2000 Opportunity Drive
Roseville CA 95678

YARQA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116
The temperature of the sample(s) upon receipt at the lab was 7.0-8.4 C.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	SW-846 8015B modified	1	06/05/2007 21:51	Steven A Skiles	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	06/07/2007 12:26	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/07/2007 12:26	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/05/2007 21:51	Steven A Skiles	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5071690

MW-5-W-070601 Grab Water
Facility# 90917 Job# 385242 MTI# 61H-1959 GRD
5280 Hopyard-Pleasanton T0600100345 MW-5
Collected:06/01/2007 11:45 by ML

Account Number: 12099

Submitted: 06/05/2007 10:00
Reported: 06/15/2007 at 18:02
Discard: 07/16/2007

Chevron c/o CRA
Suite 110
2000 Opportunity Drive
Roseville CA 95678

YARM5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	6,000.	250.	ug/l	5
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06059	BTEX+5 Oxygenates+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	2.	ug/l	1
05401	Benzene	71-43-2	24.	0.5	ug/l	1
05407	Toluene	108-88-3	1.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	330.	1.	ug/l	2
06310	Xylene (Total)	1330-20-7	3.	0.5	ug/l	1

State of California Lab Certification No. 2116
The temperature of the sample(s) upon receipt at the lab was 7.0-8.4 C.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	SW-846 8015B modified	1	06/06/2007 06:46	Steven A Skiles	5
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	06/11/2007 18:04	Michael A Ziegler	2
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	06/13/2007 12:14	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/06/2007 06:46	Steven A Skiles	5
01163	GC/MS VOA Water Prep	SW-846 5030B	2	06/11/2007 18:04	Michael A Ziegler	2
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/13/2007 12:14	Anita M Dale	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5071691

MW-6-W-070601 Grab Water
Facility# 90917 Job# 385242 MTI# 61H-1959 GRD
5280 Hopyard-Pleasanton T0600100345 MW-6
Collected:06/01/2007 10:55 by ML

Account Number: 12099

Submitted: 06/05/2007 10:00
Reported: 06/15/2007 at 18:02
Discard: 07/16/2007

Chevron c/o CRA
Suite 110
2000 Opportunity Drive
Roseville CA 95678

YARM6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	630.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 3.					
06059	BTEX+5 Oxygenates+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	4.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	2.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116
The temperature of the sample(s) upon receipt at the lab was 7.0-8.4 C.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	SW-846 8015B modified	1	06/06/2007 07:08	Steven A Skiles	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	06/11/2007 18:49	Michael A Ziegler	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/11/2007 18:49	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/06/2007 07:08	Steven A Skiles	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5071691

MW-6-W-070601 Grab Water
Facility# 90917 Job# 385242 MTI# 61H-1959 GRD
5280 Hopyard-Pleasanton T0600100345 MW-6
Collected:06/01/2007 10:55 by ML

Account Number: 12099

Submitted: 06/05/2007 10:00
Reported: 06/15/2007 at 18:02
Discard: 07/16/2007

Chevron c/o CRA
Suite 110
2000 Opportunity Drive
Roseville CA 95678

YARM6

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Analysis Report

Lancaster Laboratories Sample No. WW 5071692

MW-7-W-070601 Grab Water
Facility# 90917 Job# 385242 MTI# 61H-1959 GRD
5280 Hopyard-Pleasanton T0600100345 MW-7
Collected:06/01/2007 10:10 by ML

Account Number: 12099

Submitted: 06/05/2007 10:00
Reported: 06/15/2007 at 18:02
Discard: 07/16/2007

Chevron c/o CRA
Suite 110
2000 Opportunity Drive
Roseville CA 95678

YARM7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06059	BTEX+5 Oxygenates+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	2.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	2.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116
The temperature of the sample(s) upon receipt at the lab was 7.0-8.4 C.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	SW-846 8015B modified	1	06/06/2007 07:30	Steven A Skiles	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	06/11/2007 19:12	Michael A Ziegler	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/11/2007 19:12	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/06/2007 07:30	Steven A Skiles	1

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Analysis Report

Quality Control Summary

Client Name: Chevron c/o CRA
Reported: 06/15/07 at 06:02 PM

Group Number: 1041066

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

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 07156A20B	Sample number(s): 5071689							
TPH-GRO - Waters	N.D.	50.	ug/l	99	97	75-135	2	30
Batch number: 07157A20A	Sample number(s): 5071690-5071692							
TPH-GRO - Waters	N.D.	50.	ug/l	121	93	75-135	26	30
Batch number: D071623AA	Sample number(s): 5071690-5071692							
Ethanol	N.D.	50.	ug/l	118		39-161		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	91		73-119		
di-Isopropyl ether	N.D.	0.5	ug/l	100		70-123		
Ethyl t-butyl ether	N.D.	0.5	ug/l	96		74-120		
t-Amyl methyl ether	N.D.	0.5	ug/l	93		79-113		
t-Butyl alcohol	N.D.	2.	ug/l	92		69-127		
Benzene	N.D.	0.5	ug/l	100		78-119		
Toluene	N.D.	0.5	ug/l	103		85-115		
Ethylbenzene	N.D.	0.5	ug/l	100		82-119		
Xylene (Total)	N.D.	0.5	ug/l	104		83-113		
Batch number: Z071582AA	Sample number(s): 5071689							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	91		73-119		
Benzene	N.D.	0.5	ug/l	93		78-119		
Toluene	N.D.	0.5	ug/l	95		85-115		
Ethylbenzene	N.D.	0.5	ug/l	99		82-119		
Xylene (Total)	N.D.	0.5	ug/l	101		83-113		
Batch number: Z071642AA	Sample number(s): 5071690							
Ethanol	N.D.	50.	ug/l	112		39-161		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	99		73-119		
di-Isopropyl ether	N.D.	0.5	ug/l	109		70-123		
Ethyl t-butyl ether	N.D.	0.5	ug/l	99		74-120		
t-Amyl methyl ether	N.D.	0.5	ug/l	94		79-113		
t-Butyl alcohol	N.D.	2.	ug/l	99		69-127		
Benzene	N.D.	0.5	ug/l	100		78-119		
Toluene	N.D.	0.5	ug/l	101		85-115		
Xylene (Total)	N.D.	0.5	ug/l	106		83-113		

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: 07156A20B	Sample number(s): 5071689 UNSPK: P068884								
TPH-GRO - Waters	108		63-154						

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

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Analysis Report

Quality Control Summary

Client Name: Chevron c/o CRA
Group Number: 1041066
Reported: 06/15/07 at 06:02 PM

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 07157A20A	Sample number(s): 5071690-5071692 UNSPK: 5071692								
TPH-GRO - Waters	122		63-154						
Batch number: D071623AA	Sample number(s): 5071690-5071692 UNSPK: 5071692								
Ethanol	110	110	41-159	0	30				
Methyl Tertiary Butyl Ether	96	90	69-127	6	30				
di-Isopropyl ether	105	99	68-129	7	30				
Ethyl t-butyl ether	101	94	78-119	6	30				
t-Amyl methyl ether	95	91	72-125	4	30				
t-Butyl alcohol	95	94	64-130	2	30				
Benzene	104	100	83-128	4	30				
Toluene	110	106	83-127	3	30				
Ethylbenzene	108	102	82-129	5	30				
Xylene (Total)	110	107	82-130	3	30				
Batch number: Z071582AA	Sample number(s): 5071689 UNSPK: P071686								
Methyl Tertiary Butyl Ether	104	105	69-127	0	30				
Benzene	112	114	83-128	1	30				
Toluene	116	112	83-127	3	30				
Ethylbenzene	114	116	82-129	2	30				
Xylene (Total)	115	116	82-130	1	30				
Batch number: Z071642AA	Sample number(s): 5071690 UNSPK: P071897								
Ethanol	129	105	41-159	21	30				
Methyl Tertiary Butyl Ether	106	102	69-127	3	30				
di-Isopropyl ether	115	112	68-129	2	30				
Ethyl t-butyl ether	106	104	78-119	1	30				
t-Amyl methyl ether	101	101	72-125	0	30				
t-Butyl alcohol	104	101	64-130	2	30				
Benzene	112	108	83-128	3	30				
Toluene	112	109	83-127	3	30				
Xylene (Total)	116	113	82-130	3	30				

Surrogate Quality Control

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

Analysis Name: TPH-GRO - Waters
Batch number: 07156A20B

	Trifluorotoluene-F
5071689	70
Blank	71
LCS	114
LCSD	108
MS	113
Limits:	63-135

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

Quality Control Summary

Client Name: Chevron c/o CRA
Reported: 06/15/07 at 06:02 PM

Group Number: 1041066

Surrogate Quality Control

Analysis Name: TPH-GRO - Waters
Batch number: 07157A20A

	Trifluorotoluene-F
5071690	118
5071691	115
5071692	73
Blank	69
LCS	114
LCSD	109
MS	125
Limits:	63-135

Analysis Name: BTEX+5 Oxygenates+ETOH
Batch number: D071623AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5071691	96	101	109	103
5071692	96	99	105	98
Blank	94	99	106	100
LCS	97	101	107	103
MS	95	105	105	104
MSD	99	103	108	106
Limits:	80-116	77-113	80-113	78-113

Analysis Name: BTEX+MTBE by 8260B
Batch number: Z071582AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5071689	93	94	106	98
Blank	91	93	103	98
LCS	93	96	103	102
MS	92	94	107	99
MSD	93	96	103	99
Limits:	80-116	77-113	80-113	78-113

Analysis Name: BTEX+5 Oxygenates+ETOH
Batch number: Z071642AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5071690	94	92	105	103
Blank	93	95	104	100
LCS	93	94	105	103
MS	94	96	105	103
MSD	94	97	106	104
Limits:	80-116	77-113	80-113	78-113

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

Lancaster Laboratories
Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppb parts per billion

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

U.S. EPA data qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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

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