Delta
Environmental
Consultants, Inc.

3164 Gold Camp Drive
Suite 200
Rancho Cordova, California 95670-6021
916/638-2085
FAX: 916/638-8385

6-4

August 28, 2001

AUG 31 2001

Ms. Eva Chu
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

Subject: **Former Chevron Station #21-0208, 6006 International Boulevard, Oakland, CA.**

Ms. Chu:

A subsurface investigation of impacted soil and groundwater was conducted at the subject site on July 17 and 18, 2001. Impacted soil was excavated on August 6, 2001. Delta Environmental Consultants, Inc. network associate Gettler-Ryan Inc. (GR) prepared a report of these activities. GR also prepared a Risk Management Plan (RMP) for this site. We are sending copies of these reports to you at the request of Chevron. The property owner, Resources for Community Development, has been given the opportunity to review and comment on these documents.

GR has recommended that a Risk-Based Corrective Action (RBCA) analysis be performed to assess whether additional investigation activities are necessary. Resources for Community Development plans to begin site demolition activities on September 10, 2001. Your review of the attached documents and response to our recommendations prior to the start of demolition activities would be greatly appreciated. We would like to be able to address your concerns prior beginning of site demolition.

Please call me at 916.631.1300 if you have questions.

Sincerely,
Delta Environmental Consultants, Inc.
Network Associate Gettler-Ryan Inc.

Stephen J. Carter, R.G.
Senior Geologist

Attachments: Subsurface Investigation and Soil Excavation Report
Risk Management Plan

c: Mr. Tom Bauhs, Chevron Products Company, PO Box 6004, San Ramon, CA 94583
Mr. James Coles, Resources for Community Development, 2131 University Avenue, Suite 94704 Berkeley, CA 94704
Mr. Mike Berrington, Delta Environmental Consultants, Inc., 3164 Gold Camp Drive, Suite 200, Rancho Cordova, CA 95670 916/536 2616

Delta
Environmental
Consultants, Inc.

3164 Gold Camp Drive
Suite 200
Rancho Cordova, California 95670-6021
916/638-2085
FAX: 916/638-8385

SUBSURFACE INVESTIGATION AND SOIL EXCAVATION REPORT

at

Former Chevron Service Station No. 21-0208
6006 International Boulevard
Oakland, California

Report No. DG20208G.4C01

Prepared for:

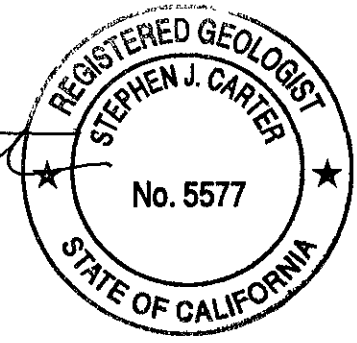
Mr. Tom Bauhs
Chevron Products Company
P.O. Box 6004
San Ramon, California 94583

Prepared by:

Delta Environmental Consultants, Inc.
Network Associate Gettler-Ryan Inc.
1364 N. McDowell Boulevard, Suite B2
Petaluma, California 94954

Jed A. Douglas
Project Geologist

Stephen J. Carter
Senior Geologist
R.G. 5577



August 28, 2001

TABLE OF CONTENTS

FIGURES

TABLES

APPENDICES

SUBSURFACE INVESTIGATION AND SOIL EXCAVATION REPORT

at

Former Chevron Service Station No. 21-0208
6006 International Boulevard
Oakland, California

Report No. DG20208G.4C01

INTRODUCTION

At the request of Chevron Products Company (Chevron) Delta Environmental Consultants, Inc. network associate Gettler-Ryan Inc. (GR), has prepared this report documenting the installation of 17 Geoprobe® soil borings and subsequent excavation of hydrocarbon-impacted soil at the above referenced site. The purpose of this work was to delineate hydrocarbon-impacted soil in the vicinity of the former service station facility, evaluate dissolved hydrocarbon concentrations, establish background soil and groundwater conditions, profile impacted soil for disposal, and excavate hydrocarbon-impacted soil. The scope of work included: preparing a site safety plan; obtaining the required drilling permit; advancing 17 Geoprobe® soil borings, collecting and submitting soil and groundwater samples from the Geoprobe® locations for chemical analysis; observing the excavation of impacted soils; and preparing a report documenting the field activities and analytical results associated with these activities.

The subsurface investigation was originally proposed in GR's ***UST Removal Report and Work Plan for Subsurface Investigation*** (Report No. DG20208C.4C01, dated July 2, 2001). This proposed scope of work was approved by Ms. Eva Chu of the Alameda County Department of Environmental Health (ACDEH) in an e-mail dated July 6, 2001. Excavation of impacted soil was originally proposed in GR's ***Work Plan to Excavate Hydrocarbon-Impacted Soil*** (letter report dated July 25, 2001). Ms. Chu approved the excavation ***Work Plan*** in an e-mail dated July 26, 2001.

SITE DESCRIPTION

The subject site is a former Chevron service station situated on the northeast corner of the intersection of International Boulevard (formerly 14th Street) and 61st Avenue in Oakland, California (Figure 1). The site was most recently utilized as a bus storage and repair facility. The site is bounded to the west by International Boulevard, to the north by a commercial building, to the south by 61st Avenue, and to the east by single family residences. Properties in the immediate site vicinity are used for commercial purposes that include hair stylists, auto repair, and restaurants. Residential housing is located to the east of the subject site. Current site facilities consist of two trailers and a building.

It is our understanding that existing site structures will be removed and the property re-developed beginning August 10, 2001. High-density housing is proposed for the area of the former service station, with above-ground parking on other portions of the site. The new structures will consist of three-story wood frame buildings. Foundation will consist of a 4-inch thick reinforced concrete slab with an underlying 10-mil polyolifin vapor barrier. Locations of pertinent site features and the proposed new buildings are shown on the attached Site Plan (Figure 2).

Chevron's files do not include any record of this site. It is our understanding that a Phase 1 report prepared for the current property owners indicates that the former Chevron station operated no later than the early 1960s. Information in this Phase I report indicates the former facilities consisted of a small station building and one dispenser island. Locations of the former station facilities are shown on Figure 2.

PREVIOUS ENVIRONMENTAL WORK

A geotechnical investigation was performed on the subject site and two adjacent residential properties to the east of the site by Subsurface Consultants, Inc. (SCI) in January 2001. This work was performed in preparation for site redevelopment. A geophysical survey was performed in the area around the subject site. The survey detected three magnetic anomalies that appeared to be related to the former service station. One UST was discovered beneath the sidewalk immediately south of the former dispenser island.

Five soil borings were advanced by SCI on January 25, 2001. Groundwater was initially encountered in the borings at depths ranging from 8 to 13 feet below ground surface (bgs). The groundwater stabilized at depths ranging from 6 to 8 feet bgs. Two of the borings were drilled in the immediate vicinity of the former station facilities. Soil boring B-4 was located approximately 5 feet southwest of the south end of the former dispenser island and B-5 was located approximately 10 feet northeast of the north end of the former dispenser island.

Soil and groundwater samples were collected from borings B-4 and B-5 for chemical testing after organic vapor meter samples indicated the presence of volatile organic compounds. A soil sample collected from B-4 at 0.5 feet bgs contained 93 parts per million (ppm) of total lead. A soil sample collected from boring B-4 at 9.5 feet bgs contained 340 ppm of Total Petroleum Hydrocarbons as gasoline (TPHg), 0.19 ppm of benzene, 110 ppm of Total Petroleum Hydrocarbons as diesel (TPHd), and 14 ppm of Total Petroleum Hydrocarbons as oil (TPHo). A soil sample collected from boring B-5 at 1.0 feet bgs contained 3.2 ppm of total lead. A soil sample collected from boring B-5 at 10.5 feet bgs contained 1,300 ppm of TPHg, 310 ppm of TPHd, 6 ppm of TPHo, and was reported as not detected for benzene. Grab groundwater samples were also collected from borings B-4 and B-5. Groundwater sample B-4 contained 3,600 parts per billion (ppb) of TPHg, 22 ppb of benzene, 3,600 ppb of TPHd and was reported as not detected for TPHo. Groundwater sample B-5 contained 4,200 ppb of TPHg, 5.7 ppb of benzene, 1,300 ppb of TPHd, and 260 ppb of TPHo (SCI, 2001).

One 1,000-gallon single-wall steel gasoline UST and associated product line were removed on June 20, 2001 by GR. The UST and product piping were visually inspected for evidence of failure and were found to be in good condition, with no holes, cracks, or signs of leaks. Soil samples CX-1-9 and CX-2-9 were collected from the base of the UST excavation at 9 feet bgs. Both soil samples were reported as none detected (ND) for Total Petroleum Hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, and xylenes (BTEX), and methyl tertiary butyl ether (MtBE). Samples CT-1-2.5 and CT-2-2.5 were collected from the base of the piping trench at 2.5 feet bgs. TPHg were reported at concentrations of 560 ppm and 860 ppm, respectively. Detectable concentrations of BTEX compounds or MtBE were not reported in either sample. Groundwater was encountered in the UST pit at approximately 7 feet bgs. Approximately 1,300 gallons of groundwater were pumped from the pit before grab groundwater sample CH-1 was

collected. The grab groundwater sample contained 830 ppb of TPHg, 0.94 ppb of benzene, and 2,000 ppb of lead, but was reported as ND for MtBE (GR, 2001).

SUBSURFACE INVESTIGATION

Impacted soil was identified in the product line trenches and soil borings drilled by SCI. Geoprobe® borings were advanced to delineate the lateral extent of the impacted soil. Field work was conducted in accordance with GR's Field Methods and Procedures (Appendix A) and the Site Safety Plan dated July 16, 2001. Geoprobe® soil boring activities were performed by Vironex Environmental Field Services (Vironex). A soil boring installation permit (permit No. W01-559 issued on July 12, 2001) was obtained from the Alameda County Public Works Agency (ACPWA). A copy of the permit is included in Appendix B. Underground Service Alert was notified as required prior to drilling at the site (reference No. 214313).

On July 17 and 18, 2001, a GR geologist observed Vironex (C-57 #705927) advance 17 Geoprobe® soil borings (GP1 through GP17) at the locations shown on Figure 2. Borings GP1 through GP16 were installed to evaluate soil and groundwater conditions in the immediate vicinity of the former service station facilities. Boring GP17 was installed to establish background conditions. Each boring was cleared to 5 feet bgs using a 4-inch diameter hand auger. Unsaturated soil samples for chemical analysis were collected from each boring at 2.5 and 5.5 feet bgs. The borings were advanced using 2.5-inch diameter rods pushed by a Geoprobe® rig. Borings GP1 through GP10 were advanced to a depth of 6 feet bgs, and borings GP11 through GP17 were advanced to depths of 14 to 20 feet bgs, depending on where groundwater was encountered.

If groundwater was immediately encountered in the borings selected for groundwater sampling, probing was halted and a grab groundwater sample was collected using a 2-inch diameter disposable bailer. If groundwater was not immediately encountered, a temporary 1-inch diameter PVC slotted casing was installed into the boring. Grab groundwater samples were collected when sufficient groundwater entered the casing, using a ¾-inch diameter stainless steel bailer. Grab groundwater samples were decanted from the bailer into the appropriate laboratory-supplied containers. Sample collection and handling procedures are described in GR's Field Methods and Procedures (Appendix A).

The soil borings were grouted to within 6-inches of the ground surface with neat cement, and completed with native soil cuttings. Soil cuttings were stored onsite pending removal with the soil excavation phase of work.

Subsurface Conditions

The study area is underlain predominantly by fine-grained soils consisting of clay to a depth of approximately 20 feet bgs. However, in varying locations this clay is interrupted by a narrow lens of sand and gravel (less than 6 inches thick) at a depth of approximately 5 feet bgs. Groundwater was first encountered at depths varying from approximately 12 to 15 feet bgs. Groundwater levels quickly rose to shallower depths, which indicates that the sidewalls of the borings may have been smeared with clay from the probing procedures or possibly that the clay transmits water very slowly. Subsurface conditions appear to be similar to those encountered by SCI during their investigation.

Laboratory Analysis

Soil and groundwater samples were analyzed by Sequoia Analytical in Petaluma, California (ELAP #2374). All soil and groundwater samples were analyzed for TPHg, BTEX, and MtBE by EPA Methods 8015 Modified/8020. Additionally, soil samples were analyzed for total lead and groundwater samples were analyzed for dissolved lead by EPA Method 6010. Select soil samples were also analyzed for the following physical parameters: bulk density; water content; porosity, permeability; pH; and particle size. Copies of the laboratory analytical reports and chain-of-custody records are included in Appendix C.

Soil Analytical Results

The analytical results showed no detectable concentrations of TPHg, BTEX, MtBE, and no or low concentrations of lead in soil samples from borings GP1, GP4 through GP6, GP10 through GP13, GP16 and GP17. TPHg were detected in borings GP2, GP3, GP7, GP8, GP9, and GP14 at concentrations ranging from 1.1 to 150 ppm. Benzene was not detected in any of the soil samples. MtBE was detected in two samples at concentrations of 0.13 and 0.43 ppm by EPA Method 8020, but these concentrations were not confirmed by EPA Method 8260. Lead was detected in six of the samples at concentrations between 5.4 and 18 ppm.

Following discrete analysis of each soil sample, they were then combined to make four composite samples (EH0-3, EH3-6, WH0-3, and WH3-6) for disposal characterization. The composite samples contained TPHg at concentrations ranging from 2.5 to 5.0 ppm, but did not contain detectable concentrations of benzene, MtBE, or lead. Soil chemical analytical data are summarized in Table 1.

Groundwater Analytical Results

Dissolved lead was not detected in any of the groundwater samples analyzed. MtBE by EPA Method 8020 was not detected in any of the borings except for GP14, at a concentration of 140 ppb. This concentration was not confirmed by EPA Method 8260. TPHg were detected in borings GP11 though GP16 at concentrations ranging from 64 to 13,000 ppb. Benzene was only detected in borings GP11 and GP14, at concentrations of 28 and 100 ppb, respectively. Groundwater chemical data are summarized in Table 2.

SOIL EXCAVATION

Based on data collected during the subsurface investigation, GR concluded that hydrocarbon-impacted soil was limited to the immediate vicinity of the former product line and dispenser island. On August 6, 2001, GR excavated approximately 180 cubic yards of impacted soil from the area shown on Figure 2. The maximum depth of the excavation was approximately 7 feet bgs, where groundwater was encountered. Excavated soil was stockpiled on and covered with plastic sheeting at the site pending disposal. Excavation activities were observed by Ms. Chu (ACDEH). Due to the proximity of the excavation walls to the soil boring locations, Ms. Chu approved backfilling of the excavation without collection of confirmation samples from the pit walls.

The excavation was backfilled with clean imported fill (IIAB) which was compacted to 90% up to a depth of six inches. From ground surface to a depth of six inches the fill was compacted to 95%. Soil compaction specifications were taken from the recommendations in the SCI report at the request of the property owner. Use of the Class IIAB fill material was approved with the project architect (Ms. Betsy Yost, Pyatok Associates) prior to use. A copy of the compaction report is included in Appendix D.

Waste Disposal

On August 7, 2001, Manley and Sons Trucking, Inc. of Sacramento, California, hauled 174.70 tons of excavated soil to Allied Waste's Forward landfill in Manteca, California. A copy of the Allied landfill waste acceptance letter and Manley's disposal confirmation sheet are included in Appendix E.

CONCLUSIONS AND RECOMMENDATIONS

The Geoprobe® borings appear to have delineated the lateral extent of impacted soil in the unsaturated zone. This impacted soil was excavated and disposed of at an appropriate off-site facility. Additional investigation or remediation of the unsaturated zone is not warranted. ✓

Groundwater beneath the site has been impacted. Extent of the impact is undefined. TPHg were detected in all six grab groundwater samples from the immediate station vicinity. Benzene was also present in two of these samples. GR recommends that a risk based corrective action (RBCA) assessment be prepared for the site to determine if additional groundwater delineation is warranted. If the RBCA determines that additional investigation is not warranted, GR recommends a case closure request be prepared and submitted to the ACEHS for approval.

Be sure to include TPHg in RBCA

The detection of MtBE in two soil and one groundwater samples are likely due to false positive results. These concentrations were detected by EPA Method 8020, but were not confirmed by EPA Method 8260. Since the station ceased operation in the early 1960s, it is improbable that gasoline containing MtBE was dispensed at this site. Further investigation of MtBE is not warranted. ✓

The SCI report noted the presence of TPHd and TPHo. Our review of notes in the laboratory reports included in the SCI report suggests that compounds reported in these hydrocarbon ranges are due to the presence of TPHg-range hydrocarbons. Reports for both soil and groundwater samples analyzed for TPHd and TPHo indicate "no recognizable pattern" to the chromatogram, "unmodified or weakly modified gasoline is significant," "gasoline range compounds are significant," or "cluttered chromatogram resulting in coeluting surrogate and sample peaks, or; surrogate peak is on elevated base, or; surrogate has been diminished by dilution of original extract." Based on these comments we conclude the hydrocarbons reported in the TPHd and TPHo ranges are due to degraded gasoline-range hydrocarbons only. There does not appear to have been a release from any former waste oil UST or hydraulic lifts, if they were present at the site. ✓

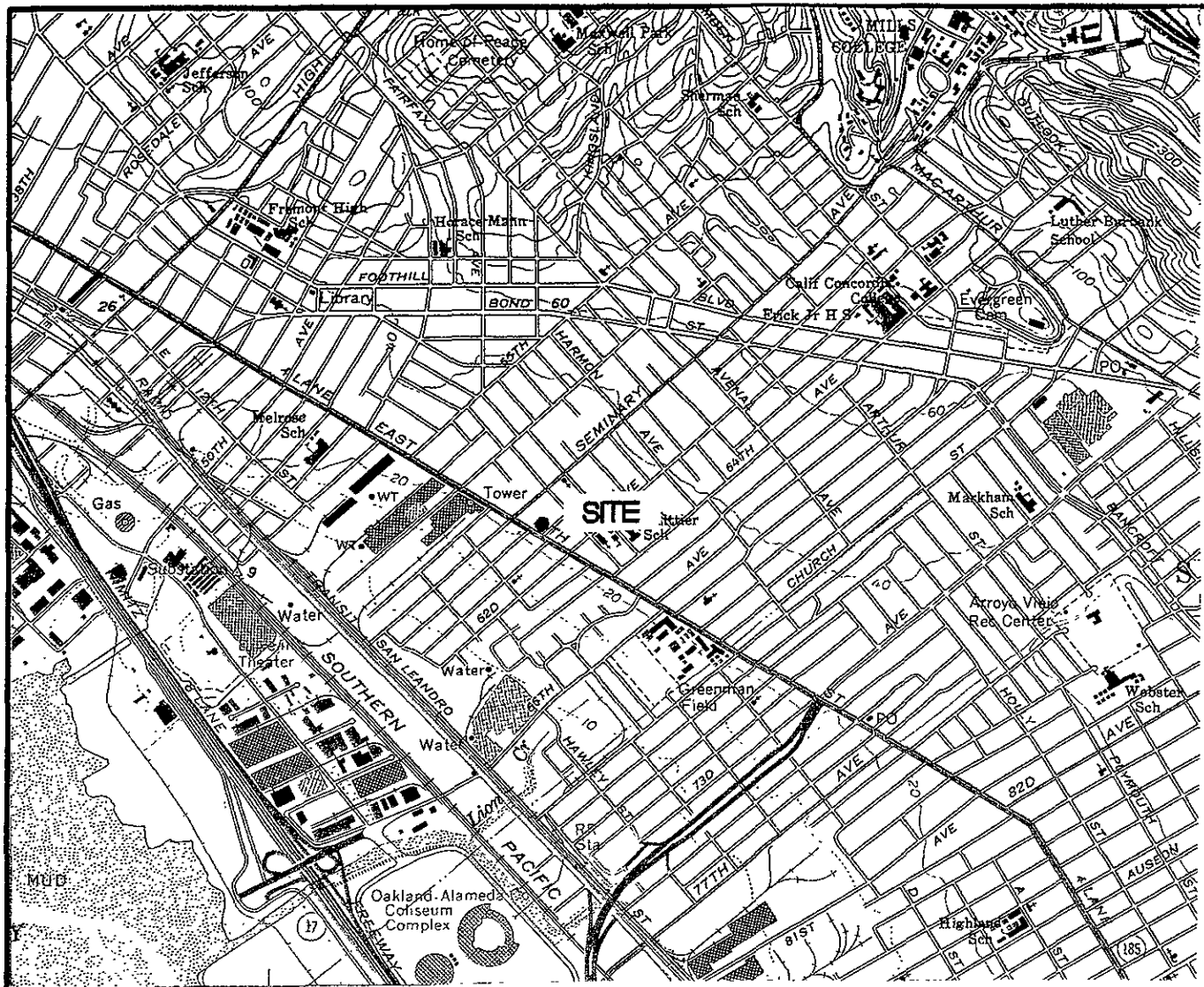
Need conduit / well survey

REFERENCES

Gettler-Ryan Inc., 2001, UST Removal Report And Work Plan for Former Chevron Service Station No. 21-0208, 6006 International Boulevard, Oakland, California, dated June 29, 2001.

Subsurface Consultants, Inc., 2001, Geotechnical Investigation for International Boulevard Family Housing Development, Oakland, California; Report No. SCI790.008, dated February 21, 2001.

FIGURES



Source: USGS Quad Map

Gettler - Ryan Inc.

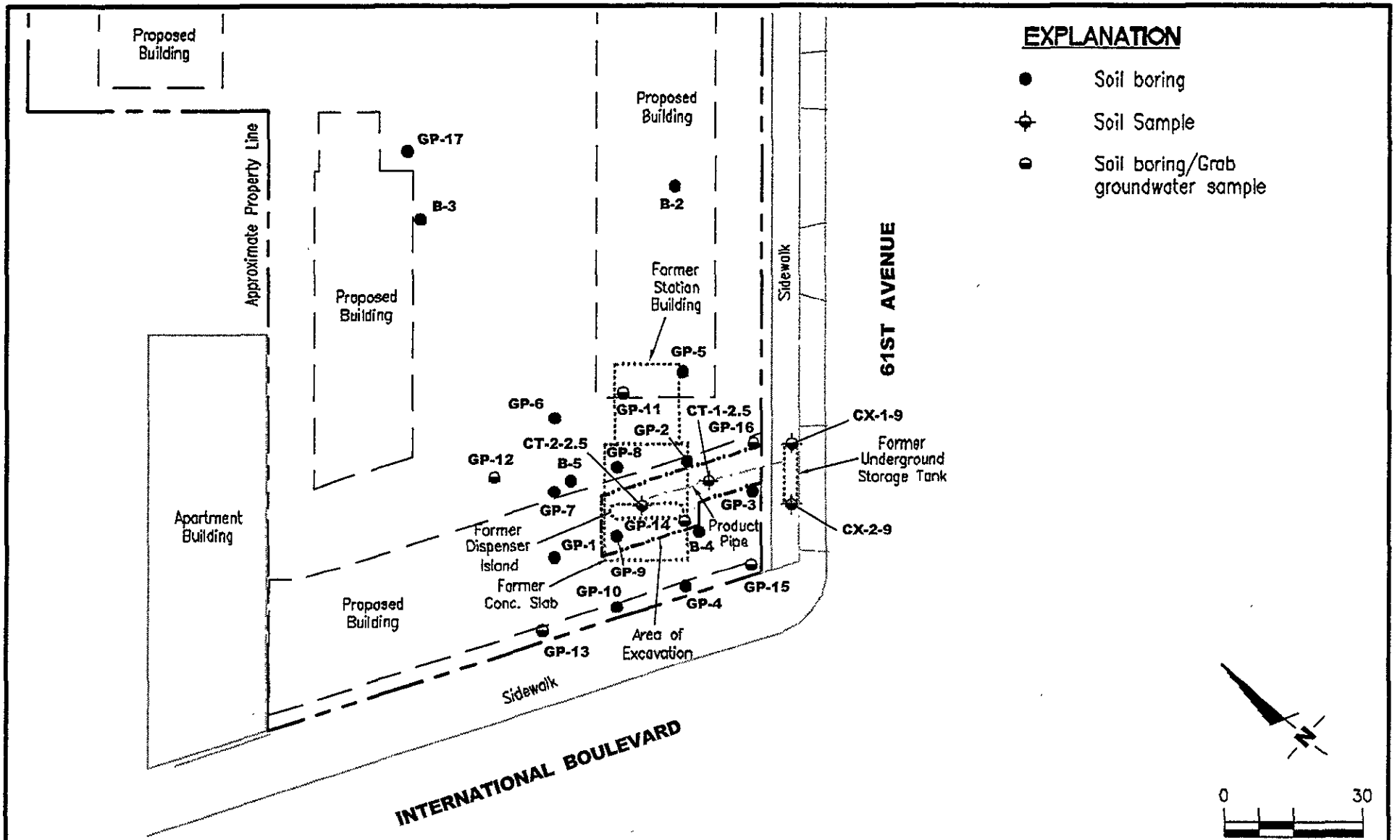
1364 North McDowell Boulevard Suite B2
Petaluma, CA 94954 (707) 789-3255

VICINITY MAP
Former Chevron Service Station #21-0208
6006 International Blvd.
Oakland, California

FIGURE
1

JOB NUMBER	REVIEWED BY	DATE	REVISED DATE
DG20208C.4C01		6/01	

FILE NAME: E:\Enviro\Chevron\A01-210208.dwg | Layout Tab: Vic Map



Source: Figure modified from drawing provided by Norcal (Geophysical Site Map 1/01) and Gettler-Ryan field observations.

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

SOIL BORING LOCATION MAP
Former Chevron Service Station No. 21-0208
6006 International Boulevard
Oakland, California

FIGURE
2

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
DG20208G.4C01		8/01	

FILE NAME: P:\ENVIRO\CHEVRON\210208\A01-21-0208.DWG | Layout Tab: Boring Rpt 8-01

TABLES

TABLE 1. SOIL ANALYTICAL DATA
Former Chevron Station #21-0208
6006 International Boulevard
Oakland, California

Sample ID	Date	Depth (feet)	TPHg (ppm)	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	Xylenes (ppm)	MTBE (ppm)	Lead (ppm)
GeoProbe Borings									
GP1-2.5	7/17/01	2.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<6.1
GP1-5.5	7/17/01	5.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<6.2
GP2-2.5	7/17/01	2.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	0.43	<5.4
GP2-5.5	7/17/01	5.5	110	<0.25	<0.25	<0.25	0.40	<2.5	7.6
GP3-2.5	7/17/01	2.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	5.4
GP3-5.5	7/17/01	5.5	1.1	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<5.7
GP4-2.5	7/17/01	2.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<6.5
GP4-5.5	7/17/01	5.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<7.1
GP5-2.5	7/17/01	2.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<6.5
GP5-5.5	7/17/01	5.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<6.8
GP6-2.5	7/17/01	2.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	18
GP6-5.5	7/17/01	5.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<5.7
GP7-2.5	7/17/01	2.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<6.2
GP7-5.5	7/17/01	5.5	3.4	<0.0050	<0.0050	<0.0050	0.0073	<0.050	<6.4
GP8-2.5	7/17/01	2.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<5.6
GP8-5.5	7/17/01	5.5	1.5	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<5.8
GP9-2.5	7/17/01	2.5	23	<0.025	<0.025	0.11	0.056	<0.25	11
GP9-5.5	7/17/01	5.5	150	<0.25	<0.25	<0.25	0.53	<2.5	<6.0
GP10-2.5	7/17/01	2.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	7.5
GP10-5.5	7/17/01	5.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<5.7
GP11-2.5	7/17/01	2.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<5.8
GP11-5.5	7/17/01	5.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<5.9
GP12-2.5	7/17/01	2.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<6.6
GP12-5.5	7/17/01	5.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	7.6
GP13-2.5	7/17/01	2.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<5.7
GP13-5.5	7/17/01	5.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<5.7
GP14-2.5	7/18/01	2.5	130	<0.25	<0.25	0.99	0.66	<2.5	<6.6
GP14-5.5	7/18/01	5.5	150	<0.25	<0.25	<0.25	0.48	<2.5	<6.5
GP15-2.5	7/18/01	2.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	0.13	<6.4
GP15-5.5	7/18/01	5.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<7.2

TABLE 1. SOIL ANALYTICAL DATA
Former Chevron Station #21-0208
6006 International Boulevard
Oakland, California

Sample ID	Date	Depth (feet)	TPHg (ppm)	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	Xylenes (ppm)	MTBE (ppm)	Lead (ppm)
GP16-2.5	7/18/01	2.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<6.6
GP-16-5.5	7/18/01	5.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<6.5
GP17-2.5	7/18/01	2.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<7.4
GP17-5.5	7/18/01	5.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<7.1
Composite Samples									
EH0-3	7/18/01	----	2.5	<0.0050	<0.0050	0.015	0.013	<0.050	<6.9
EH3-6	7/18/01	----	2.4	<0.0050	<0.0050	0.0054	0.0072	<0.050	<6.4
WH0-3	7/17/01	----	5.0	<0.025	<0.025	<0.025	<0.025	<0.25	<6.7
WH3-6	7/17/01	----	4.0	<0.0050	<0.0050	0.0093	0.011	<0.050	<7.2

Explanation:
TPHg = Total Petroleum Hydrocarbons as gasoline
BTEX = benzene, toluene, ethylbenzene and xylenes
MTBE = methyl tert-butyl ether
ppm = parts per million
---- = not applicable

Analytical Methods:
TPHG/BTEX/MTBE: EPA Methods/8020M
Lead: EPA Method 6010

Analytical Laboratory:
Sequoia Analytical (ELAP #2374)

TABLE 2. GRAB GROUNDWATER ANALYTICAL DATA

Former Chevron Station #21-0208
6006 International Boulevard
Oakland, California

Sample ID	Date	TPHg (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)	MTBE (ppb)	Dissolved Lead (ppb)
GP11-W	7/17/01	13,000	28	<10	110	57	<50	<75
GP12-W	7/17/01	64	<0.50	<0.50	<0.50	<0.50	<0.50	<75
GP13-W	7/18/01	57	<0.50	<0.50	<0.50	<0.50	<0.50	<75
GP14-W	7/18/01	8,100	100	<2.5	180	24	140	<75
GP15-W	7/18/01	11,000	<25	<25	43	48	<120	<75
GP16-W	7/18/01	970	<0.50	<0.50	4.7	6.0	<2.5	<75
GP17-W	7/18/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<75

Explanation:
TPHg = Total Petroleum Hydrocarbons as gasoline
BTEX = benzene, toluene, ethylbenzene and xylenes
MTBE = methyl tert-butyl ether
ppb = parts per billion

Analytical Methods:
TPHG/BTEX/MTBE: EPA Methods 8015m/8020M
Lead: EPA Method 6010

Analytical Laboratory:
Sequoia Analytical (ELAP #2374)

APPENDIX A

GR FIELD METHODS AND PROCEDURES

GETTLER-RYAN INC.
FIELD METHODS AND PROCEDURES

Site Safety Plan

Field work performed by Gettler-Ryan Inc. (GR) is conducted in accordance with GR's Health and Safety Plan and the Site Safety Plan. GR personnel and subcontractors who perform work at the site are briefed on the of these plans contents prior to initiating site work. The GR geologist or engineer at the site when the work is performed acts as the Site Safety Officer. GR utilizes a photoionization detector (PID) to monitor ambient conditions as part of the Health and Safety Plan.

Collection of Soil Samples

Exploratory soil borings are drilled by a California-licensed well driller. A GR geologist is present to observe the drilling, collect soil samples for description, physical testing, and chemical analysis, and prepare a log of the exploratory soil boring. Soil samples are collected from the exploratory soil boring with a split-barrel sampler or other appropriate sampling device fitted with clean brass or stainless steel liners. The sampling device is driven approximately 18 inches with a 140-pound hammer falling 30 inches. The number of blows required to advance the sampler each successive 6 inches is recorded on the boring log. The encountered soil is described using the Unified Soil Classification System (ASTM 2488-84) and the Munsell Soil Color Chart.

After removal from the sampling device, soil samples for chemical analysis are covered on both ends with Teflon sheeting or aluminum foil, capped, labeled, and placed in a cooler with blue ice for preservation. A chain-of-custody form is initiated in the field and accompanies the selected soil samples to the analytical laboratory. Samples are selected for chemical analysis based on:

a. depth relative to underground storage tanks and existing ground surface
b. depth relative to known or suspected groundwater
c. presence or absence of contaminant migration pathways
d. presence or absence of discoloration or staining
e. presence or absence of obvious gasoline hydrocarbon odors
f. presence or absence of organic vapors detected by headspace analysis

Field Screening of Soil Samples

A PID is used to perform head-space analysis in the field for the presence of organic vapors from the soil sample. This test procedure involves removing some soil from one of the sample tubes not retained for chemical analysis and immediately covering the end of the tube with a plastic cap. The PID probe is inserted into the headspace inside the tube through a hole in the plastic cap. Head-space screening results are recorded on the boring log. Head-space screening procedures are performed and results recorded as reconnaissance data. GR does not consider field screening techniques to be verification of the presence or absence of hydrocarbons.

Stockpile Sampling

Stockpile samples consist of four individual sample liners collected from each 100 cubic yards (yd^3) of stockpiled soil material. Four arbitrary points on the stockpiled material are chosen, and discrete soil sample is collected at each of these points. Each discrete stockpile sample is collected by removing the upper 3 to 6 inches of soil, and then driving the stainless steel or brass tube into the stockpiled material with a wooden mallet or hand driven soil sampling device. The sample tubes are then covered on both ends with Teflon sheeting, capped, labeled, placed in the cooler with blue ice for preservation. A chain-of-custody form is initiated in the field and accompanies the selected soil samples to the analytical laboratory. Stockpiled soils are covered with plastic sheeting after completion of sampling.

Construction of Monitoring Wells

Monitoring wells are constructed in the exploratory borings with Schedule 40 polyvinyl Chloride (PVC) casing. All joints are thread-joined; no glues, cements, or solvents are used in well construction. The screened interval is constructed of machine-slotted PVC well screen which generally extends from the total well depth to a point above the groundwater. An appropriately-sized sorted sand is placed in the annular space adjacent to the entire screened interval. A bentonite transition seal is placed in the annular space above the sand, and the remaining annular space is sealed with neat cement or cement grout.

Wellheads are protected with water-resistant traffic rated vault boxes placed flush with the ground surface. The top of the well casing is sealed with a locking cap. A lock is placed on the well cap to prevent vandalism and unintentional introduction of materials into the well.

Storing and Sampling of Drill Cuttings

Drill cuttings are stockpiled on plastic sheeting or stored in drums depending on site conditions and regulatory requirements. Stockpile samples are collected and analyzed on the basis of one composite sample per 50 cubic yards of soil. Stockpile samples are composed of four discrete soil samples, each collected from an arbitrary location on the stockpile. The four discrete samples are then composited in the laboratory prior to analysis.

Each discrete stockpile sample is collected by removing the upper 3 to 6 inches of soil, and then driving the stainless or brass sample tube into the stockpiled material with a hand, mallet, or drive sampler. The sample tubes are then covered on both ends with Teflon sheeting, capped, labeled, and placed in a cooler with blue ice for preservation. A chain-of-custody form is initiated in the field and accompanies the selected soil samples to the analytical laboratory. Stockpiled soils are covered with plastic sheeting after completion of sampling.

Wellhead Survey

The top of the newly-installed well casing is surveyed by a California-licensed Land Surveyor to mean sea level (MSL).

Well Development

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

Groundwater Monitoring and Sampling

Decontamination Procedures

All physical parameter measuring and sampling equipment are decontaminated prior to sample collection using Alconox or equivalent detergent followed by steam cleaning with deionized water. During field sampling, equipment placed in a well are decontaminated before purging or sampling the next well by cleaning with Alconox or equivalent detergent followed by steam cleaning with deionized water.

Water-Level Measurements

Prior to sampling each well, the static water level is measured using an electric sounder and/or calibrated portable oil-water interface probe. Both static water-level and separate-phase product thickness are measured to the nearest ±0.01 foot. The presence of separate-phase product is confirmed using a clean, acrylic or polyvinylchloride (PVC) bailer, measured to the nearest ±0.01 foot with a decimal scale tape. The monofilament line used to lower the bailer is replaced between borings with new line to preclude the possibility of cross-contamination. Field observations (e.g. product color, turbidity, water color, odors, etc.) are noted. Water-levels are measured in wells with known or suspected lowest dissolved chemical concentrations to the highest dissolved concentrations.

Sample Collection and Labeling

A temporary PVC screen is installed in the boring to facilitate a grab groundwater sample collection. Samples of groundwater are collected from the surface of the water in each well or boring using the Teflon bailer or a pump. The water samples are then gently poured into laboratory-cleaned containers and sealed with Teflon-lined caps, and inspected for air bubbles to check for headspace. The samples are then labeled by an adhesive label, noted in permanent ink, and promptly placed in an ice storage. A Chain-of-Custody Record is initiated and updated throughout handling of the samples, and accompanies the samples to the laboratory certified by the State of California for analyses requested.

APPENDIX B

DRILLING PERMIT

ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
399 ELMHURST ST. HAYWARD CA. 94544-1395
PHONE (510) 670-5554
FAX (510) 782-1939

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT Former Chevron #21-0208
6006 International Blvd
Oakland

CLIENT
Name Chevron Product Company
Address P.O. Box 6004 Phone (925) 842-9698
City San Ramon CA Zip 94583

APPLICANT
Name Gettler-Ryan Inc. Fax (510) 631-1317
Address 3140 Gold Camp #170 Phone (510) 631-1300
City Rancho Cordova Zip 95670

TYPE OF PROJECT
Well Construction
Cathodic Protection
Water Supply ☐
Monitoring ☐
Geotechnical Investigation
General ☐
Contamination ☐
Well Destruction ☐

PROPOSED WATER SUPPLY WELL USE
New Domestic ☐ Replacement Domestic ☐
Municipal ☐ Irrigation ☐
Industrial ☐ Other ☐ N/A

DRILLING METHOD:
Mud Rotary ☐ Air Rotary ☐ Auger ☐
Cable ☐ Other X Geoprobe

DRILLER'S NAME Vironex

DRILLER'S LICENSE NO 705927

WELL PROJECTS
Drill Hole Diameter ____ in. Maximum
Casing Diameter ____ in. Depth ____ ft.
Surface Seal Depth ____ ft. Owner's Well Number ____

GEOTECHNICAL PROJECTS
Number of Borings 15 Maximum
Hole Diameter 1.5 in. Depth 15 ft.

ESTIMATED STARTING DATE 3/17/01
ESTIMATED COMPLETION DATE 3/19/01

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

APPLICANT'S SIGNATURE Stephen J. Carter, PG DATE 3/9/01
PLEASE PRINT NAME Stephen J. Carter

FOR OFFICE USE
PERMIT NUMBER WO1-559
WELL NUMBER
APN

PERMIT CONDITIONS
Circled Permit Requirements Apply

A. GENERAL
1. A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date.
2. Submit to ACPWA within 60 days after completion of permitted original Department of Water Resources Well Completion Report.
3. Permit is void if project not begun within 90 days of approval date.

B. WATER SUPPLY WELLS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.

C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

D. GEOTECHNICAL
Backfill bore hole by tremie with cement grout or cement/sand mixture. Upper one-three feet may be hand tamped or with compacted cuttings.

E. CATHODIC
Fill hole above anode zone with concrete placed by tremie.

F. WELL DESTRUCTION
See attached requirements for construction of shallow wells. Send a map of work site. A different permit application is required for wells deeper than 45 feet.

G. SPECIAL CONDITIONS

NOTE: One application must be submitted for each well or well destruction. Multiple borings on one application are acceptable for geotechnical and contamination investigations.

APPROVED [signature] DATE 3-12-01

Revised 3-97

APPENDIX C

LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY RECORDS

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

July 25 , 2001

Jed Douglas
Gettler - Ryan Inc.
1364 North Mc Dowell Blvd., Suite B2
Petaluma, CA 94954-1116
RE: Chevron / P107275

Enclosed are the results of analyses for samples received by the laboratory on 07/17/01. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angelee Cari

Angelee Cari
Client Services Representative

CA ELAP Certificate Number 2374

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International, Oakland	Reported:
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/25/01 10:26

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GP1-2.5	P107275-01	Soil	07/17/01 08:45	07/17/01 18:15
GP1-5.5	P107275-02	Soil	07/17/01 08:50	07/17/01 18:15
GP2-2.5	P107275-03	Soil	07/17/01 09:15	07/17/01 18:15
GP2-5.5	P107275-04	Soil	07/17/01 09:20	07/17/01 18:15
GP3-2.5	P107275-05	Soil	07/17/01 10:05	07/17/01 18:15
GP3-5.5	P107275-06	Soil	07/17/01 10:10	07/17/01 18:15
GP4-2.5	P107275-07	Soil	07/17/01 10:35	07/17/01 18:15
GP4-5.5	P107275-08	Soil	07/17/01 10:40	07/17/01 18:15
GP5-2.5	P107275-09	Soil	07/17/01 11:00	07/17/01 18:15
GP5-5.5	P107275-10	Soil	07/17/01 11:05	07/17/01 18:15
GP6-2.5	P107275-11	Soil	07/17/01 11:35	07/17/01 18:15
GP6-5.5	P107275-12	Soil	07/17/01 11:40	07/17/01 18:15
GP7-2.5	P107275-13	Soil	07/17/01 11:45	07/17/01 18:15
GP7-5.5	P107275-14	Soil	07/17/01 11:50	07/17/01 18:15
GP8-2.5	P107275-15	Soil	07/17/01 12:05	07/17/01 18:15
GP8-5.5	P107275-16	Soil	07/17/01 12:10	07/17/01 18:15
GP9-2.5	P107275-17	Soil	07/17/01 12:30	07/17/01 18:15
GP9-5.5	P107275-18	Soil	07/17/01 12:35	07/17/01 18:15
GP10-2.5	P107275-19	Soil	07/17/01 12:40	07/17/01 18:15
GP10-5.5	P107275-20	Soil	07/17/01 12:45	07/17/01 18:15
GP11-2.5	P107275-21	Soil	07/17/01 13:40	07/17/01 18:15
GP11-5.5	P107275-22	Soil	07/17/01 13:45	07/17/01 18:15
GP12-2.5	P107275-23	Soil	07/17/01 14:15	07/17/01 18:15
GP12-5.5	P107275-24	Soil	07/17/01 14:20	07/17/01 18:15
GP13-2.5	P107275-25	Soil	07/17/01 15:05	07/17/01 18:15
GP13-5.5	P107275-26	Soil	07/17/01 15:10	07/17/01 18:15

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/25/01 10:26

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP1-2.5 (P107275-01) Soil Sampled: 07/17/01 08:45 Received: 07/17/01 18:15									
Gasoline (C6-C12)	ND	1.0	mg/kg	1	1070417	07/18/01	07/18/01	EPA 8015M/8020M	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*99.2 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.7 %*	*65-135*		"	"	"	"	
GP1-5.5 (P107275-02) Soil Sampled: 07/17/01 08:50 Received: 07/17/01 18:15									
Gasoline (C6-C12)	ND	1.0	mg/kg	1	1070313	07/18/01	07/18/01	EPA 8015M/8020M	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*106 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.7 %*	*65-135*		"	"	"	"	
GP2-2.5 (P107275-03) Soil Sampled: 07/17/01 09:15 Received: 07/17/01 18:15									
Gasoline (C6-C12)	ND	5.0	mg/kg	5	1070313	07/18/01	07/18/01	EPA 8015M/8020M	
Benzene	ND	0.025	"	"	"	"	"	"	
Toluene	ND	0.025	"	"	"	"	"	"	
Ethylbenzene	ND	0.025	"	"	"	"	"	"	
Xylenes (total)	ND	0.025	"	"	"	"	"	"	
Methyl tert-butyl ether	**0.43**	0.25	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*106 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.0 %*	*65-135*		"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/25/01 10:26

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP2-5.5 (P107275-04) Soil Sampled: 07/17/01 09:20 Received: 07/17/01 18:15									
Gasoline (C6-C12)	**110**	50	mg/kg	50	1070461	07/19/01	07/19/01	EPA 801 - 5M/8020M	
Benzene	ND	0.25	"	"	"	"	"	"	
Toluene	ND	0.25	"	"	"	"	"	"	
Ethylbenzene	ND	0.25	"	"	"	"	"	"	
Xylenes (total)	**0.40**	0.25	"	"	"	"	"	"	QR-04
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*86.3 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*65-135*		"	"	"	"	
GP3-2.5 (P107275-05) Soil Sampled: 07/17/01 10:05 Received: 07/17/01 18:15									
Gasoline (C6-C12)	ND	1.0	mg/kg	1	1070313	07/18/01	07/18/01	EPA 801 - 5M/8020M	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*107 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.3 %*	*65-135*		"	"	"	"	
GP3-5.5 (P107275-06) Soil Sampled: 07/17/01 10:10 Received: 07/17/01 18:15									
Gasoline (C6-C12)	**1.1**	1.0	mg/kg	1	1070313	07/18/01	07/18/01	EPA 801 - 5M/8020M	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*104 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.5 %*	*65-135*		"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/25/01 10:26

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP4-2.5 (P107275-07) Soil Sampled: 07/17/01 10:35 Received: 07/17/01 18:15									
Gasoline (C6-C12)	ND	1.0	mg/kg	1	1070417	07/18/01	07/18/01	EPA 8015M/8020M	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*100 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.0 %*	*65-135*		"	"	"	"	
GP4-5.5 (P107275-08) Soil Sampled: 07/17/01 10:40 Received: 07/17/01 18:15									
Gasoline (C6-C12)	ND	1.0	mg/kg	1	1070417	07/18/01	07/18/01	EPA 8015M/8020M	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*98.8 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.5 %*	*65-135*		"	"	"	"	
GP5-2.5 (P107275-09) Soil Sampled: 07/17/01 11:00 Received: 07/17/01 18:15									
Gasoline (C6-C12)	ND	1.0	mg/kg	1	1070417	07/18/01	07/18/01	EPA 8015M/8020M	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*104 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*82.2 %*	*65-135*		"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/25/01 10:26

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP5-5.5 (P107275-10) Soil Sampled: 07/17/01 11:05 Received: 07/17/01 18:15									
Gasoline (C6-C12)	ND	1.0	mg/kg	1	1070417	07/18/01	07/18/01	EPA 8015M/8020M	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*101 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*84.7 %*	*65-135*		"	"	"	"	
GP6-2.5 (P107275-11) Soil Sampled: 07/17/01 11:35 Received: 07/17/01 18:15									
Gasoline (C6-C12)	ND	1.0	mg/kg	1	1070313	07/18/01	07/18/01	EPA 8015M/8020M	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*107 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*84.3 %*	*65-135*		"	"	"	"	
GP6-5.5 (P107275-12) Soil Sampled: 07/17/01 11:40 Received: 07/17/01 18:15									
Gasoline (C6-C12)	ND	1.0	mg/kg	1	1070313	07/18/01	07/18/01	EPA 8015M/8020M	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*111 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*82.3 %*	*65-135*		"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/25/01 10:26

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP7-2.5 (P107275-13) Soil Sampled: 07/17/01 11:45 Received: 07/17/01 18:15									
Gasoline (C6-C12)	ND	1.0	mg/kg	1	1070313	07/18/01	07/18/01	EPA 8015M/8020M	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*100 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.2 %*	*65-135*		"	"	"	"	
GP7-5.5 (P107275-14) Soil Sampled: 07/17/01 11:50 Received: 07/17/01 18:15									
Gasoline (C6-C12)	**3.4**	1.0	mg/kg	1	1070313	07/18/01	07/18/01	EPA 8015M/8020M	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	**0.0073**	0.0050	"	"	"	"	"	"	QR-04
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*96.8 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*	*65-135*		"	"	"	"	
GP8-2.5 (P107275-15) Soil Sampled: 07/17/01 12:05 Received: 07/17/01 18:15									
Gasoline (C6-C12)	ND	1.0	mg/kg	1	1070417	07/18/01	07/18/01	EPA 8015M/8020M	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*98.2 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*87.7 %*	*65-135*		"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/25/01 10:26

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP8-5.5 (P107275-16) Soil Sampled: 07/17/01 12:10 Received: 07/17/01 18:15									
Gasoline (C6-C12)	**1.5**	1.0	mg/kg	1	1070313	07/18/01	07/18/01	EPA 8015M/8020M	
Benzene	ND	*0.0050*	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*99.5 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.0 %*	*65-135*		"	"	"	"	
GP9-2.5 (P107275-17) Soil Sampled: 07/17/01 12:30 Received: 07/17/01 18:15									
Gasoline (C6-C12)	**23**	5.0	mg/kg	5	1070313	07/18/01	07/18/01	EPA 8015M/8020M	
Benzene	ND	0.025	"	"	"	"	"	"	
Toluene	ND	0.025	"	"	"	"	"	"	
Ethylbenzene	**0.11**	0.025	"	"	"	"	"	"	
Xylenes (total)	**0.056**	0.025	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.25	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*81.8 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*127 %*	*65-135*		"	"	"	"	
GP9-5.5 (P107275-18) Soil Sampled: 07/17/01 12:35 Received: 07/17/01 18:15									
Gasoline (C6-C12)	**150**	50	mg/kg	50	1070461	07/19/01	07/19/01	EPA 8015M/8020M	
Benzene	ND	0.25	"	"	"	"	"	"	
Toluene	ND	0.25	"	"	"	"	"	"	
Ethylbenzene	ND	0.25	"	"	"	"	"	"	
Xylenes (total)	**0.53**	0.25	"	"	"	"	"	"	QR-04
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*84.3 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*115 %*	*65-135*		"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/25/01 10:26

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP10-2.5 (P107275-19) Soil Sampled: 07/17/01 12:40 Received: 07/17/01 18:15									
Gasoline (C6-C12)	ND	1.0	mg/kg	1	1070417	07/18/01	07/19/01	EPA 8015M/8020M	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*99.5 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.2 %*	*65-135*		"	"	"	"	
GP10-5.5 (P107275-20) Soil Sampled: 07/17/01 12:45 Received: 07/17/01 18:15									
Gasoline (C6-C12)	ND	1.0	mg/kg	1	1070417	07/18/01	07/18/01	EPA 8015M/8020M	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*102 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.7 %*	*65-135*		"	"	"	"	
GP11-2.5 (P107275-21) Soil Sampled: 07/17/01 13:40 Received: 07/17/01 18:15									
Gasoline (C6-C12)	ND	1.0	mg/kg	1	1070417	07/18/01	07/18/01	EPA 8015M/8020M	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*99.7 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.7 %*	*65-135*		"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/25/01 10:26

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP11-5.5 (P107275-22) Soil Sampled: 07/17/01 13:45 Received: 07/17/01 18:15									
Gasoline (C6-C12)	ND	1.0	mg/kg	1	1070417	07/18/01	07/18/01	EPA 8015M/8020M	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*102 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*87.7 %*	*65-135*		"	"	"	"	
GP12-2.5 (P107275-23) Soil Sampled: 07/17/01 14:15 Received: 07/17/01 18:15									
Gasoline (C6-C12)	ND	1.0	mg/kg	1	1070417	07/18/01	07/18/01	EPA 8015M/8020M	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*105 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*77.0 %*	*65-135*		"	"	"	"	
GP12-5.5 (P107275-24) Soil Sampled: 07/17/01 14:20 Received: 07/17/01 18:15									
Gasoline (C6-C12)	ND	1.0	mg/kg	1	1070417	07/18/01	07/18/01	EPA 8015M/8020M	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*103 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*87.5 %*	*65-135*		"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/25/01 10:26

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP13-2.5 (P107275-25) Soil Sampled: 07/17/01 15:05 Received: 07/17/01 18:15									
Gasoline (C6-C12)	ND	1.0	mg/kg	1	1070417	07/18/01	07/18/01	EPA 8015M/8020M	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*102 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.7 %*	*65-135*		"	"	"	"	
GP13-5.5 (P107275-26) Soil Sampled: 07/17/01 15:10 Received: 07/17/01 18:15									
Gasoline (C6-C12)	ND	1.0	mg/kg	1	1070417	07/18/01	07/18/01	EPA 8015M/8020M	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*99.3 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*86.2 %*	*65-135*		"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/25/01 10:26

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP1-2.5 (P107275-01) Soil	**Sampled: 07/17/01 08:45**	**Received: 07/17/01 18:15**							
Lead	ND	6.1	mg/kg	1	1070415	07/18/01	07/18/01	EPA 6010B	
GP1-5.5 (P107275-02) Soil	**Sampled: 07/17/01 08:50**	**Received: 07/17/01 18:15**							
Lead	ND	6.2	mg/kg	1	1070415	07/18/01	07/18/01	EPA 6010B	
GP2-2.5 (P107275-03) Soil	**Sampled: 07/17/01 09:15**	**Received: 07/17/01 18:15**							
Lead	ND	5.4	mg/kg	1	1070415	07/18/01	07/18/01	EPA 6010B	
GP2-5.5 (P107275-04) Soil	**Sampled: 07/17/01 09:20**	**Received: 07/17/01 18:15**							
Lead	7.6	7.1	mg/kg	1	1070415	07/18/01	07/18/01	EPA 6010B	
GP3-2.5 (P107275-05) Soil	**Sampled: 07/17/01 10:05**	**Received: 07/17/01 18:15**							
Lead	5.4	5.4	mg/kg	1	1070415	07/18/01	07/18/01	EPA 6010B	
GP3-5.5 (P107275-06) Soil	**Sampled: 07/17/01 10:10**	**Received: 07/17/01 18:15**							
Lead	ND	5.7	mg/kg	1	1070415	07/18/01	07/18/01	EPA 6010B	
GP4-2.5 (P107275-07) Soil	**Sampled: 07/17/01 10:35**	**Received: 07/17/01 18:15**							
Lead	ND	6.5	mg/kg	1	1070415	07/18/01	07/18/01	EPA 6010B	
GP4-5.5 (P107275-08) Soil	**Sampled: 07/17/01 10:40**	**Received: 07/17/01 18:15**							
Lead	ND	7.1	mg/kg	1	1070415	07/18/01	07/18/01	EPA 6010B	
GP5-2.5 (P107275-09) Soil	**Sampled: 07/17/01 11:00**	**Received: 07/17/01 18:15**							
Lead	ND	6.5	mg/kg	1	1070415	07/18/01	07/18/01	EPA 6010B	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/25/01 10:26

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP5-5.5 (P107275-10) Soil Sampled: 07/17/01 11:05 Received: 07/17/01 18:15									
Lead	ND	6.8	mg/kg	1	1070415	07/18/01	07/18/01	EPA 6010B	
GP6-2.5 (P107275-11) Soil Sampled: 07/17/01 11:35 Received: 07/17/01 18:15									
Lead	**18**	6.4	mg/kg	1	1070415	07/18/01	07/18/01	EPA 6010B	
GP6-5.5 (P107275-12) Soil Sampled: 07/17/01 11:40 Received: 07/17/01 18:15									
Lead	ND	5.7	mg/kg	1	1070415	07/18/01	07/18/01	EPA 6010B	
GP7-2.5 (P107275-13) Soil Sampled: 07/17/01 11:45 Received: 07/17/01 18:15									
Lead	ND	6.2	mg/kg	1	1070415	07/18/01	07/18/01	EPA 6010B	
GP7-5.5 (P107275-14) Soil Sampled: 07/17/01 11:50 Received: 07/17/01 18:15									
Lead	ND	6.4	mg/kg	1	1070415	07/18/01	07/18/01	EPA 6010B	
GP8-2.5 (P107275-15) Soil Sampled: 07/17/01 12:05 Received: 07/17/01 18:15									
Lead	ND	5.6	mg/kg	1	1070415	07/18/01	07/18/01	EPA 6010B	
GP8-5.5 (P107275-16) Soil Sampled: 07/17/01 12:10 Received: 07/17/01 18:15									
Lead	ND	5.8	mg/kg	1	1070415	07/18/01	07/18/01	EPA 6010B	
GP9-2.5 (P107275-17) Soil Sampled: 07/17/01 12:30 Received: 07/17/01 18:15									
Lead	**11**	5.6	mg/kg	1	1070415	07/18/01	07/18/01	EPA 6010B	
GP9-5.5 (P107275-18) Soil Sampled: 07/17/01 12:35 Received: 07/17/01 18:15									
Lead	ND	6.0	mg/kg	1	1070415	07/18/01	07/18/01	EPA 6010B	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International, Oakland	Reported:
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/2 :5/01 10:26

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP10-2.5 (P107275-19) Soil	**Sampled: 07/17/01 12:40**	**Received: 07/17/01 18:15**							
Lead	**7.5**	5.9	mg/kg	1	1070415	07/18/01	07/18/01	EPA 60L10B	
GP10-5.5 (P107275-20) Soil	**Sampled: 07/17/01 12:45**	**Received: 07/17/01 18:15**							
Lead	ND	5.7	mg/kg	1	1070415	07/18/01	07/19/01	EPA 601_0B	
GP11-2.5 (P107275-21) Soil	**Sampled: 07/17/01 13:40**	**Received: 07/17/01 18:15**							
Lead	ND	5.8	mg/kg	1	1070416	07/18/01	07/19/01	EPA 601 .0B	
GP11-5.5 (P107275-22) Soil	**Sampled: 07/17/01 13:45**	**Received: 07/17/01 18:15**							
Lead	ND	5.9	mg/kg	1	1070416	07/18/01	07/19/01	EPA 601 .0B	
GP12-2.5 (P107275-23) Soil	**Sampled: 07/17/01 14:15**	**Received: 07/17/01 18:15**							
Lead	ND	6.6	mg/kg	1	1070416	07/18/01	07/19/01	EPA 601 0B	
GP12-5.5 (P107275-24) Soil	**Sampled: 07/17/01 14:20**	**Received: 07/17/01 18:15**							
Lead	**7.6**	6.6	mg/kg	1	1070416	07/18/01	07/19/01	EPA 601 0B	
GP13-2.5 (P107275-25) Soil	**Sampled: 07/17/01 15:05**	**Received: 07/17/01 18:15**							
Lead	ND	5.7	mg/kg	1	1070416	07/18/01	07/19/01	EPA 601 0B	
GP13-5.5 (P107275-26) Soil	**Sampled: 07/17/01 15:10**	**Received: 07/17/01 18:15**							
Lead	ND	5.7	mg/kg	1	1070416	07/18/01	07/19/01	EPA 601 0B	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/25/01 10:26

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP2-2.5 (P107275-03) Soil Sampled: 07/17/01 09:15 Received: 07/17/01 18:15									
Methyl tert-butyl ether	**0.23**	0.0050	mg/kg	1	1070508	07/20/01	07/20/01	EPA 8260B	
Surrogate: Dibromofluoromethane		*104 %*		*80-120*	"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/25/01 10:26

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1070313 - EPA 5030, soils										
Blank (1070313-BLK1)			Prepared & Analyzed: 07/13/01							
Gasoline (C6-C12)	ND	1.0	mg/kg							
Benzene	ND	0.0050	"							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Methyl tert-butyl ether	ND	0.050	"							
Surrogate: a,a,a-Trifluorotoluene	*0.633*		"	*0.600*		*106*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.618*		"	*0.600*		*103*	*65-135*			
Blank (1070313-BLK2)			Prepared & Analyzed: 07/18/01							
Gasoline (C6-C12)	ND	1.0	mg/kg							
Benzene	ND	0.0050	"							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Methyl tert-butyl ether	ND	0.050	"							
Surrogate: a,a,a-Trifluorotoluene	*0.637*		"	*0.600*		*106*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.580*		"	*0.600*		*96.7*	*65-135*			
LCS (1070313-BS1)			Prepared & Analyzed: 07/13/01							
Gasoline (C6-C12)	5.42	1.0	mg/kg	5.50		98.5	65-135			
Benzene	0.0862	0.0050	"	0.0640		135	65-135			
Toluene	0.443	0.0050	"	0.386		115	65-135			
Ethylbenzene	0.0913	0.0050	"	0.0920		99.2	65-135			
Xylenes (total)	0.473	0.0050	"	0.462		102	65-135			
Methyl tert-butyl ether	0.121	0.050	"	0.104		116	65-135			
Surrogate: a,a,a-Trifluorotoluene	*0.704*		"	*0.600*		*117*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.650*		"	*0.600*		*108*	*65-135*			

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International, Oakland	Reported:
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/25/01 10:26

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1070313 - EPA 5030, soils										
LCS (1070313-BS2)				Prepared & Analyzed: 07/18/01						
Gasoline (C6-C12)	4.80	1.0	mg/kg	5.50		87.3	65-135			
Benzene	0.0827	0.0050	"	0.0640		129	65-135			
Toluene	0.443	0.0050	"	0.386		115	65-135			
Ethylbenzene	0.0940	0.0050	"	0.0920		102	65-135			
Xylenes (total)	0.488	0.0050	"	0.462		106	65-135			
Methyl tert-butyl ether	0.128	0.050	"	0.104		123	65-135			
Surrogate: a,a,a-Trifluorotoluene	*0.714*		"	*0.600*		*119*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.601*		"	*0.600*		*100*	*65-135*			
Matrix Spike (1070313-MS1)	**Source: P107154-18**			Prepared & Analyzed: 07/13/01						
Gasoline (C6-C12)	5.10	1.0	mg/kg	5.50	ND	92.7	65-135			
Benzene	0.0892	0.0050	"	0.0640	ND	139	65-135			QM-07
Toluene	0.457	0.0050	"	0.386	ND	118	65-135			
Ethylbenzene	0.0967	0.0050	"	0.0920	ND	105	65-135			
Xylenes (total)	0.495	0.0050	"	0.462	ND	107	65-135			
Methyl tert-butyl ether	0.134	0.050	"	0.104	ND	129	65-135			
Surrogate: a,a,a-Trifluorotoluene	*0.729*		"	*0.600*		*122*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.596*		"	*0.600*		*99.3*	*65-135*			
Matrix Spike Dup (1070313-MSD1)	**Source: P107154-18**			Prepared & Analyzed: 07/13/01						
Gasoline (C6-C12)	5.25	1.0	mg/kg	5.50	ND	95.5	65-135	2.90	20	
Benzene	0.0920	0.0050	"	0.0640	ND	144	65-135	3.09	20	QM-07
Toluene	0.470	0.0050	"	0.386	ND	122	65-135	2.80	20	
Ethylbenzene	0.102	0.0050	"	0.0920	ND	111	65-135	5.33	20	
Xylenes (total)	0.509	0.0050	"	0.462	ND	110	65-135	2.79	20	
Methyl tert-butyl ether	0.134	0.050	"	0.104	ND	129	65-135	0.00	20	
Surrogate: a,a,a-Trifluorotoluene	*0.750*		"	*0.600*		*125*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.604*		"	*0.600*		*101*	*65-135*			

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoiala.bs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International, Oakland	Reported:
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/25/01 10:26

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1070417 - EPA 5030, soils										
Blank (1070417-BLK1)				Prepared & Analyzed: 07/18/01						
Gasoline (C6-C12)	ND	1.0	mg/kg							
Benzene	ND	0.0050	"							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Methyl tert-butyl ether	ND	0.050	"							
Surrogate: a,a,a-Trifluorotoluene	*0.593*		"	*0.600*		*98.8*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.587*		"	*0.600*		*97.8*	*65-135*			
Blank (1070417-BLK2)				Prepared: 07/18/01 Analyzed: 07/19/01						
Gasoline (C6-C12)	ND	1.0	mg/kg							
Benzene	ND	0.0050	"							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Methyl tert-butyl ether	ND	0.050	"							
Surrogate: a,a,a-Trifluorotoluene	*0.609*		"	*0.600*		*102*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.587*		"	*0.600*		*97.8*	*65-135*			
LCS (1070417-BS1)				Prepared & Analyzed: 07/18/01						
Gasoline (C6-C12)	4.76	1.0	mg/kg	5.50		86.5	65-135			
Benzene	0.0786	0.0050	"	0.0640		123	65-135			
Toluene	0.389	0.0050	"	0.386		101	65-135			
Ethylbenzene	0.0882	0.0050	"	0.0920		95.9	65-135			
Xylenes (total)	0.483	0.0050	"	0.462		105	65-135			
Methyl tert-butyl ether	0.132	0.050	"	0.104		127	65-135			
Surrogate: a,a,a-Trifluorotoluene	*0.621*		"	*0.600*		*104*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.614*		"	*0.600*		*102*	*65-135*			

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/25/01 10:26

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1070417 - EPA 5030, soils										
LCS (1070417-BS2)				Prepared: 07/18/01 Analyzed: 07/19/01						
Gasoline (C6-C12)	4.61	1.0	mg/kg	5.50		83.8	65-135			
Benzene	0.0772	0.0050	"	0.0640		121	65-135			
Toluene	0.386	0.0050	"	0.386		100	65-135			
Ethylbenzene	0.0881	0.0050	"	0.0920		95.8	65-135			
Xylenes (total)	0.483	0.0050	"	0.462		105	65-135			
Methyl tert-butyl ether	0.131	0.050	"	0.104		126	65-135			
Surrogate: a,a,a-Trifluorotoluene	*0.608*		"	*0.600*		*101*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.593*		"	*0.600*		*98.8*	*65-135*			
Matrix Spike (1070417-MS1)	**Source: P107275-01**			Prepared & Analyzed: 07/18/01						
Gasoline (C6-C12)	4.77	1.0	mg/kg	5.50	ND	84.2	65-135			
Benzene	0.0796	0.0050	"	0.0640	ND	124	65-135			
Toluene	0.392	0.0050	"	0.386	ND	102	65-135			
Ethylbenzene	0.0889	0.0050	"	0.0920	ND	96.2	65-135			
Xylenes (total)	0.486	0.0050	"	0.462	ND	105	65-135			
Methyl tert-butyl ether	0.113	0.050	"	0.104	ND	109	65-135			
Surrogate: a,a,a-Trifluorotoluene	*0.598*		"	*0.600*		*99.7*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.593*		"	*0.600*		*98.8*	*65-135*			
Matrix Spike Dup (1070417-MSD1)	**Source: P107275-01**			Prepared & Analyzed: 07/18/01						
Gasoline (C6-C12)	4.63	1.0	mg/kg	5.50	ND	81.6	65-135	2.98	20	
Benzene	0.0804	0.0050	"	0.0640	ND	126	65-135	1.00	20	
Toluene	0.393	0.0050	"	0.386	ND	102	65-135	0.255	20	
Ethylbenzene	0.0891	0.0050	"	0.0920	ND	96.5	65-135	0.225	20	
Xylenes (total)	0.487	0.0050	"	0.462	ND	105	65-135	0.206	20	
Methyl tert-butyl ether	0.110	0.050	"	0.104	ND	106	65-135	2.69	20	
Surrogate: a,a,a-Trifluorotoluene	*0.610*		"	*0.600*		*102*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.585*		"	*0.600*		*97.5*	*65-135*			

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/25/01 10:26

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1070461 - EPA 5030, soils MeOH										
Blank (1070461-BLK1)				Prepared & Analyzed: 07/19/01						
Gasoline (C6-C12)	ND	50	mg/kg							
Benzene	ND	0.25	"							
Toluene	ND	0.25	"							
Ethylbenzene	ND	0.25	"							
Xylenes (total)	ND	0.25	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	*29.8*		"	*30.0*		*99.3*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*27.0*		"	*30.0*		*90.0*	*65-135*			
LCS (1070461-BS1)				Prepared & Analyzed: 07/19/01						
Gasoline (C6-C12)	280	50	mg/kg	275		102	65-135			
Benzene	4.33	0.25	"	3.20		135	65-135			
Toluene	22.2	0.25	"	19.3		115	65-135			
Ethylbenzene	4.61	0.25	"	4.60		100	65-135			
Xylenes (total)	23.4	0.25	"	23.1		101	65-135			
Methyl tert-butyl ether	5.91	2.5	"	5.20		114	65-135			
Surrogate: a,a,a-Trifluorotoluene	*32.5*		"	*30.0*		*108*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*28.7*		"	*30.0*		*95.7*	*65-135*			
Matrix Spike (1070461-MS1)	**Source: P107305-01**			Prepared & Analyzed: 07/19/01						
Gasoline (C6-C12)	405	50	mg/kg	275	130	100	65-135			
Benzene	3.38	0.25	"	3.20	ND	104	65-135			
Toluene	17.6	0.25	"	19.3	ND	90.5	65-135			
Ethylbenzene	4.95	0.25	"	4.60	0.99	86.1	65-135			
Xylenes (total)	19.4	0.25	"	23.1	0.66	81.1	65-135			
Methyl tert-butyl ether	7.02	2.5	"	5.20	ND	131	65-135			
Surrogate: a,a,a-Trifluorotoluene	*27.9*		"	*30.0*		*93.0*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*37.0*		"	*30.0*		*123*	*65-135*			

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International, Oakland	Reported:
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/25/01 10:26

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1070461 - EPA 5030, soils MeOH										
Matrix Spike Dup (1070461-MSD1)	**Source: P107305-01**			Prepared & Analyzed: 07/19/01						
Gasoline (C6-C12)	353	50	mg/kg	275	130	81.1	65-135	13.7	20	
Benzene	3.21	0.25	"	3.20	ND	99.2	65-135	5.16	20	
Toluene	16.2	0.25	"	19.3	ND	83.3	65-135	8.28	20	
Ethylbenzene	4.35	0.25	"	4.60	0.99	73.0	65-135	12.9	20	
Xylenes (total)	17.7	0.25	"	23.1	0.66	73.8	65-135	9.16	20	
Methyl tert-butyl ether	7.23	2.5	"	5.20	ND	135	65-135	2.95	20	
Surrogate: a,a,a-Trifluorotoluene	*26.7*		"	*30.0*		*89.0*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*34.6*		"	*30.0*		*115*	*65-135*			

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/25/01 10:26

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1070415 - EPA 3050B										
Blank (1070415-BLK1)				Prepared & Analyzed: 07/18/01						
Lead	ND	7.5	mg/kg							
LCS (1070415-BS1)				Prepared & Analyzed: 07/18/01						
Lead	42.4	7.5	mg/kg	50.0		84.8	80-120			
Matrix Spike (1070415-MS1)	**Source: P107275-01**			Prepared & Analyzed: 07/18/01						
Lead	45.2	6.5	mg/kg	43.1	ND	92.3	75-125			
Matrix Spike Dup (1070415-MSD1)	**Source: P107275-01**			Prepared & Analyzed: 07/18/01						
Lead	35.9	5.5	mg/kg	36.8	ND	82.9	75-125	22.9	35	
Batch 1070416 - EPA 3050B										
Blank (1070416-BLK1)				Prepared: 07/18/01 Analyzed: 07/19/01						
Lead	ND	7.5	mg/kg							
LCS (1070416-BS1)				Prepared: 07/18/01 Analyzed: 07/19/01						
Lead	48.2	7.5	mg/kg	50.0		96.4	80-120			
Matrix Spike (1070416-MS1)	**Source: P107275-21**			Prepared: 07/18/01 Analyzed: 07/19/01						
Lead	41.1	6.1	mg/kg	41.0	ND	90.0	75-125			
Matrix Spike Dup (1070416-MSD1)	**Source: P107275-21**			Prepared: 07/18/01 Analyzed: 07/19/01						
Lead	36.1	5.5	mg/kg	36.8	ND	86.7	75-125	13.0	35	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/25/01 10:26

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1070508 - EPA 5030 soils										
Blank (1070508-BLK1)				Prepared & Analyzed: 07/20/01						
Methyl tert-butyl ether	ND	0.0050	mg/kg							
Surrogate: Dibromofluoromethane	*0.0525*		"	*0.0500*		*105*	*80-120*			
LCS (1070508-BS1)				Prepared & Analyzed: 07/20/01						
Methyl tert-butyl ether	0.0470	0.0050	mg/kg	0.0500		94.0	76-124			
Surrogate: Dibromofluoromethane	*0.0516*		"	*0.0500*		*103*	*80-120*			
Matrix Spike (1070508-MS1)		**Source: P107214-07**		Prepared & Analyzed: 07/20/01						
Methyl tert-butyl ether	0.134	0.0050	mg/kg	0.125	ND	107	76-124			
Surrogate: Dibromofluoromethane	*0.102*		"	*0.125*		*81.6*	*80-120*			
Matrix Spike Dup (1070508-MSD1)		**Source: P107214-07**		Prepared & Analyzed: 07/20/01						
Methyl tert-butyl ether	0.125	0.0050	mg/kg	0.125	ND	100	76-124	6.95	35	
Surrogate: Dibromofluoromethane	*0.103*		"	*0.125*		*82.4*	*80-120*			

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/25/01 10:26

Notes and Definitions

QM-07	The spike recovery was outside control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR-04	The results between the primary and confirmation columns varied by greater than 40% RPD. The results may still be useful for their intended purpose.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Fax copy of Lab Report and COC to Chevron Contact: ☐ No (YES)

Chain-of-Custody-Record

Chevron U.S.A. Inc.
P.O. BOX 5004
San Ramon, CA 94583
FAX (415)842-9591

Chevron Facility Number: 21-0208
Facility Address: 6006 International, Oakland
Consultant Project Number: DG20208C.4C01
Consultant Name: Getter-Ryan Inc.
Address: 1364 N. McDowell Blvd, B2, Petaluma
Project Contact (Name): Jed Douglas
(Phone) 707-789-3255 (Fax Number) 707-789-3218

Chevron Contact (Name): Tom Bacchs / Tony Quijalvo
(Phone) 925-842-8602 / fax 925-842-1250
Laboratory Name: Sequoia Analytical
Laboratory Release Number:
Samples Collected by (Name): Jed Douglas
Collection Date: 7-17-01
Signature: Jed Douglas

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	MTBE 8020	Confirm MTBE 8260	Total Lead 6010			Remarks
								Analyses To Be Performed													
GP1-2.5		one	S	D	0845		Yes	X		P10	7270		01			X	X	X			ATTN: Steve Carr
GP1-5.5					0850			X					02			X	X	X			Fax results to Chevron and GR @ 916-631-1317
GP2-2.5					0915			X					03			X	X	X			
GP2-5.5					0920			X					04			X	X	X			
GP3-2.5					1005			X					05			X	X	X			Hold remainder each of samples for further analyses
GP3-5.5					1010			X					06			X	X	X			
GP4-2.5					1035			X					07			X	X	X			
GP4-5.5					1040			X					08			X	X	X			
GP5-2.5					1100			X					09			X	X	X			
GP5-5.5					1105			X					10			X	X	X			
GP6-2.5					1135			X					11			X	X	X			
GP6-5.5					1140			X					12			X	X	X			
GP7-2.5					1145			X					13			X	X	X			
GP7-5.5		V	V	V	1150		V	X					14			X	X	X			

COOLER CUSTODY SEALS INTACT ☐
NOT INTACT ☐
COOLER TEMPERATURE 5.1 °C

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
[signature]	G-R	7-17-01/1815	[signature]	Sequoia	7/17/01 1815
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time

Turn Around Time (Circle Choice)
(24 Hrs.)
48 Hrs.
5 Days
10 Days
As Contracted

2 of 2

Fax copy of Lab Report and COC to Chevron Contact: ☐ No (Yes)

Chain-of-Custody-Record

Chevron U.S.A. Inc.
P.O. BOX 5004
San Ramon, CA 94583
FAX (415)842-9591

Chevron Facility Number: 21-0208
Facility Address: 6006 International, Oakland
Consultant Project Number: DG20208C.4C01
Consultant Name: Gettler-Ryan Inc.
Address: 1364 N. McDowell Blvd, B2, Petaluma
Project Contact (Name): Jed Douglas
(Phone) 707-789-3255 (Fax Number) 707-789-3218

Chevron Contact (Name): Tom Bauhs / Tony Quijalvo
(Phone) 925-842-8602 / fax 925-842-1250
Laboratory Name: Sequoia Analytical
Laboratory Release Number:
Samples Collected by (Name): Jed Douglas
Collection Date: 7-17-01
Signature: [signature]

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	MTBE 8020	Confirm MTBE 8260	Total Lead 6010			Remarks
GP8-2.5		one	S	D	1205		Yes	X			P107275-			15		X	X	X			Fax results
GP8-5.5		↓	↓	↓	1210		↓	X						16		X	X	X			to Chevron
GP9-2.5					1230			X						17		X	X	X			and GR @
GP9-5.5					1235			X						18		X	X	X			916-631-1317
GP10-2.5					1240			X						19		X	X	X			Hold remainder
GP10-5.5					1245			X						20		X	X	X			of each sample
GP11-2.5					1340			X						21		X	X	X			for further
GP11-5.5					1345			X						22		X	X	X			analysis
GP12-2.5					1415			X						23		X	X	X			
GP12-5.5					1420			X						24		X	X	X			
GP13-2.5					1505			X						25		X	X	X			
GP13-5.5					1570			X						26		X	X	X			

ATTN: Steve Carter

COOLER CUSTODY SEALS INTACT ☐ NOT INTACT ☐
COOLER TEMPERATURE

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Turn Around Time (Circle Choice)
[signature]	G-R	7-17-01/1815	[signature]	Sequoia	7/17/01 1815	(24 Hrs.) 48 Hrs. 5 Days 10 Days As Contracted
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	
Relinquished By (Signature)	Organization	Date/Time	Recieved For Laboratory By (Signature)		Date/Time	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

July 30 , 2001

Jed Douglas
Gettler - Ryan Inc.
1364 North Mc Dowell Blvd., Suite B2
Petaluma, CA 94954-1116
RE: Chevron / P107305

Enclosed are the results of analyses for samples received by the laboratory on 07/18/01. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angelee Cari

Angelee Cari
Client Services Representative

CA ELAP Certificate Number 2374

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/606 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/30/01 12:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GP14-2.5	P107305-01	Soil	07/18/01 08:30	07/18/01 14:40
GP14-5.5	P107305-02	Soil	07/18/01 08:35	07/18/01 14:40
GP15-2.5	P107305-03	Soil	07/18/01 09:10	07/18/01 14:40
GP15-5.5	P107305-04	Soil	07/18/01 09:15	07/18/01 14:40
GP16-2.5	P107305-05	Soil	07/18/01 09:50	07/18/01 14:40
GP16-5.5	P107305-06	Soil	07/18/01 09:55	07/18/01 14:40
GP17-2.5	P107305-07	Soil	07/18/01 10:55	07/18/01 14:40
GP17-5.5	P107305-08	Soil	07/18/01 11:00	07/18/01 14:40

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/606 International, Oakland	Reported:
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/30/01 12:14

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP14-2.5 (P107305-01) Soil Sampled: 07/18/01 08:30 Received: 07/18/01 14:40									
Gasoline (C6-C12)	**130**	50	mg/kg	50	1070461	07/19/01	07/19/01	EPA 8015M/8020M	
Benzene	ND	0.25	"	"	"	"	"	"	
Toluene	ND	0.25	"	"	"	"	"	"	QR-04
Ethylbenzene	**0.99**	0.25	"	"	"	"	"	"	
Xylenes (total)	**0.66**	0.25	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*87.0 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*111 %*	*65-135*		"	"	"	"	
GP14-5.5 (P107305-02) Soil Sampled: 07/18/01 08:35 Received: 07/18/01 14:40									
Gasoline (C6-C12)	**150**	50	mg/kg	50	1070461	07/19/01	07/19/01	EPA 8015M/8020M	
Benzene	ND	0.25	"	"	"	"	"	"	
Toluene	ND	0.25	"	"	"	"	"	"	
Ethylbenzene	ND	0.25	"	"	"	"	"	"	
Xylenes (total)	**0.48**	0.25	"	"	"	"	"	"	QR-04
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*84.0 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*112 %*	*65-135*		"	"	"	"	
GP15-2.5 (P107305-03) Soil Sampled: 07/18/01 09:10 Received: 07/18/01 14:40									
Gasoline (C6-C12)	ND	1.0	mg/kg	1	1070459	07/19/01	07/19/01	EPA 8015M/8020M	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	**0.13**	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*101 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.2 %*	*65-135*		"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/606 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/30/01 12:14

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP15-5.5 (P107305-04) Soil Sampled: 07/18/01 09:15 Received: 07/18/01 14:40									
Gasoline (C6-C12)	ND	1.0	mg/kg	1	1070459	07/19/01	07/19/01	EPA 8015M/8020M	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*104 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*86.7 %*	*65-135*		"	"	"	"	
GP16-2.5 (P107305-05) Soil Sampled: 07/18/01 09:50 Received: 07/18/01 14:40									
Gasoline (C6-C12)	ND	1.0	mg/kg	1	1070459	07/19/01	07/19/01	EPA 8015M/8020M	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*104 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*82.7 %*	*65-135*		"	"	"	"	
GP16-5.5 (P107305-06) Soil Sampled: 07/18/01 09:55 Received: 07/18/01 14:40									
Gasoline (C6-C12)	ND	1.0	mg/kg	1	1070459	07/19/01	07/19/01	EPA 8015M/8020M	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*100 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*77.2 %*	*65-135*		"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/606 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/30/01 12:14

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP17-2.5 (P107305-07) Soil Sampled: 07/18/01 10:55 Received: 07/18/01 14:40									
Gasoline (C6-C12)	ND	1.0	mg/kg	1	1070459	07/19/01	07/19/01	EPA 8015M/8020M	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*101 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*86.0 %*	*65-135*		"	"	"	"	
GP17-5.5 (P107305-08) Soil Sampled: 07/18/01 11:00 Received: 07/18/01 14:40									
Gasoline (C6-C12)	ND	1.0	mg/kg	1	1070459	07/19/01	07/19/01	EPA 8015M/8020M	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*103 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*84.3 %*	*65-135*		"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/606 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/30/01 12:14

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP14-2.5 (P107305-01) Soil	**Sampled: 07/18/01 08:30**	**Received: 07/18/01 14:40**							
Lead	ND	6.6	mg/kg	1	1070453	07/19/01	07/19/01	EPA 6010B	
GP14-5.5 (P107305-02) Soil	**Sampled: 07/18/01 08:35**	**Received: 07/18/01 14:40**							
Lead	ND	6.5	mg/kg	1	1070453	07/19/01	07/19/01	EPA 6010B	
GP15-2.5 (P107305-03) Soil	**Sampled: 07/18/01 09:10**	**Received: 07/18/01 14:40**							
Lead	ND	6.4	mg/kg	1	1070453	07/19/01	07/19/01	EPA 6010B	
GP15-5.5 (P107305-04) Soil	**Sampled: 07/18/01 09:15**	**Received: 07/18/01 14:40**							
Lead	ND	7.2	mg/kg	1	1070453	07/19/01	07/19/01	EPA 6010B	
GP16-2.5 (P107305-05) Soil	**Sampled: 07/18/01 09:50**	**Received: 07/18/01 14:40**							
Lead	ND	6.6	mg/kg	1	1070453	07/19/01	07/19/01	EPA 6010B	
GP16-5.5 (P107305-06) Soil	**Sampled: 07/18/01 09:55**	**Received: 07/18/01 14:40**							
Lead	ND	6.5	mg/kg	1	1070453	07/19/01	07/19/01	EPA 6010B	
GP17-2.5 (P107305-07) Soil	**Sampled: 07/18/01 10:55**	**Received: 07/18/01 14:40**							
Lead	ND	7.4	mg/kg	1	1070453	07/19/01	07/19/01	EPA 6010B	
GP17-5.5 (P107305-08) Soil	**Sampled: 07/18/01 11:00**	**Received: 07/18/01 14:40**							
Lead	ND	7.1	mg/kg	1	1070453	07/19/01	07/19/01	EPA 6010B	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/606 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/30/01 12:14

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP15-2.5 (P107305-03) Soil Sampled: 07/18/01 09:10 Received: 07/18/01 14:40									
Methyl tert-butyl ether	ND	0.0050	mg/kg	1	1070623	07/26/01	07/26/01	EPA 8260B	
Surrogate: Dibromofluoromethane		*97.6 %*		*80-120*	"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/606 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/30/01 12:14

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1070459 - EPA 5030, soils										
Blank (1070459-BLK1)				Prepared & Analyzed: 07/19/01						
Gasoline (C6-C12)	ND	1.0	mg/kg							
Benzene	ND	0.0050	"							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Methyl tert-butyl ether	ND	0.050	"							
Surrogate: a,a,a-Trifluorotoluene	*0.609*		"	*0.600*		*102*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.587*		"	*0.600*		*97.8*	*65-135*			
Blank (1070459-BLK3)				Prepared & Analyzed: 07/25/01						
Gasoline (C6-C12)	ND	1.0	mg/kg							
Benzene	ND	0.0050	"							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Methyl tert-butyl ether	ND	0.050	"							
Surrogate: a,a,a-Trifluorotoluene	*0.597*		"	*0.600*		*99.5*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.590*		"	*0.600*		*98.3*	*65-135*			
LCS (1070459-BS1)				Prepared & Analyzed: 07/19/01						
Gasoline (C6-C12)	4.61	1.0	mg/kg	5.50		83.8	65-135			
Benzene	0.0772	0.0050	"	0.0640		121	65-135			
Toluene	0.386	0.0050	"	0.386		100	65-135			
Ethylbenzene	0.0881	0.0050	"	0.0920		95.8	65-135			
Xylenes (total)	0.483	0.0050	"	0.462		105	65-135			
Methyl tert-butyl ether	0.131	0.050	"	0.104		126	65-135			
Surrogate: a,a,a-Trifluorotoluene	*0.608*		"	*0.600*		*101*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.593*		"	*0.600*		*98.8*	*65-135*			

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/606 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/30/01 12:14

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1070459 - EPA 5030, soils										
LCS (1070459-BS3)				Prepared & Analyzed: 07/25/01						
Gasoline (C6-C12)	4.77	1.0	mg/kg	5.50		86.7	65-135			
Benzene	0.0802	0.0050	"	0.0660		122	65-135			
Toluene	0.394	0.0050	"	0.397		99.2	65-135			
Ethylbenzene	0.0890	0.0050	"	0.0920		96.7	65-135			
Xylenes (total)	0.488	0.0050	"	0.461		106	65-135			
Methyl tert-butyl ether	0.134	0.050	"	0.105		128	65-135			
Surrogate: a,a,a-Trifluorotoluene	*0.620*		"	*0.600*		*103*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.608*		"	*0.600*		*101*	*65-135*			
Matrix Spike (1070459-MS1)		**Source: P107305-03**		Prepared & Analyzed: 07/19/01						
Gasoline (C6-C12)	5.29	1.0	mg/kg	5.50	ND	94.5	65-135			
Benzene	0.0799	0.0050	"	0.0640	ND	125	65-135			
Toluene	0.433	0.0050	"	0.386	ND	112	65-135			
Ethylbenzene	0.0954	0.0050	"	0.0920	ND	103	65-135			
Xylenes (total)	0.521	0.0050	"	0.462	ND	113	65-135			
Methyl tert-butyl ether	0.317	0.050	"	0.104	0.13	180	65-135			QM-07
Surrogate: a,a,a-Trifluorotoluene	*0.617*		"	*0.600*		*103*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.583*		"	*0.600*		*97.2*	*65-135*			
Matrix Spike Dup (1070459-MSD1)		**Source: P107305-03**		Prepared & Analyzed: 07/19/01						
Gasoline (C6-C12)	5.20	1.0	mg/kg	5.50	ND	92.9	65-135	1.72	20	
Benzene	0.0708	0.0050	"	0.0640	ND	111	65-135	12.1	20	
Toluene	0.441	0.0050	"	0.386	ND	114	65-135	1.83	20	
Ethylbenzene	0.0974	0.0050	"	0.0920	ND	106	65-135	2.07	20	
Xylenes (total)	0.532	0.0050	"	0.462	ND	115	65-135	2.09	20	
Methyl tert-butyl ether	0.287	0.050	"	0.104	0.13	151	65-135	9.93	20	QM-07
Surrogate: a,a,a-Trifluorotoluene	*0.622*		"	*0.600*		*104*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.567*		"	*0.600*		*94.5*	*65-135*			

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/606 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/30/01 12:14

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1070461 - EPA 5030, soils MeOH										
Blank (1070461-BLK1)				Prepared & Analyzed: 07/19/01						
Gasoline (C6-C12)	ND	50	mg/kg							
Benzene	ND	0.25	"							
Toluene	ND	0.25	"							
Ethylbenzene	ND	0.25	"							
Xylenes (total)	ND	0.25	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	*29.8*		"	*30.0*		*99.3*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*27.0*		"	*30.0*		*90.0*	*65-135*			
LCS (1070461-BS1)				Prepared & Analyzed: 07/19/01						
Gasoline (C6-C12)	280	50	mg/kg	275		102	65-135			
Benzene	4.33	0.25	"	3.20		135	65-135			
Toluene	22.2	0.25	"	19.3		115	65-135			
Ethylbenzene	4.61	0.25	"	4.60		100	65-135			
Xylenes (total)	23.4	0.25	"	23.1		101	65-135			
Methyl tert-butyl ether	5.91	2.5	"	5.20		114	65-135			
Surrogate: a,a,a-Trifluorotoluene	*32.5*		"	*30.0*		*108*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*28.7*		"	*30.0*		*95.7*	*65-135*			
Matrix Spike (1070461-MS1)		**Source: P107305-01**		Prepared & Analyzed: 07/19/01						
Gasoline (C6-C12)	405	50	mg/kg	275	130	100	65-135			
Benzene	3.38	0.25	"	3.20	ND	104	65-135			
Toluene	17.6	0.25	"	19.3	ND	90.5	65-135			
Ethylbenzene	4.95	0.25	"	4.60	0.99	86.1	65-135			
Xylenes (total)	19.4	0.25	"	23.1	0.66	81.1	65-135			
Methyl tert-butyl ether	7.02	2.5	"	5.20	ND	131	65-135			
Surrogate: a,a,a-Trifluorotoluene	*27.9*		"	*30.0*		*93.0*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*37.0*		"	*30.0*		*123*	*65-135*			

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/606 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/30/01 12:14

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1070461 - EPA 5030, soils MeOH										
Matrix Spike Dup (1070461-MSD1)	**Source: P107305-01**			Prepared & Analyzed: 07/19/01						
Gasoline (C6-C12)	353	50	mg/kg	275	130	81.1	65-135	13.7	20	
Benzene	3.21	0.25	"	3.20	ND	99.2	65-135	5.16	20	
Toluene	16.2	0.25	"	19.3	ND	83.3	65-135	8.28	20	
Ethylbenzene	4.35	0.25	"	4.60	0.99	73.0	65-135	12.9	20	
Xylenes (total)	17.7	0.25	"	23.1	0.66	73.8	65-135	9.16	20	
Methyl tert-butyl ether	7.23	2.5	"	5.20	ND	135	65-135	2.95	20	
Surrogate: a,a,a-Trifluorotoluene	*26.7*		"	*30.0*		*89.0*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*34.6*		"	*30.0*		*115*	*65-135*			

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/606 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/30/01 12:14

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1070453 - EPA 3050B										
Blank (1070453-BLK1)				Prepared & Analyzed: 07/19/01						
Lead	ND	7.5	mg/kg							
LCS (1070453-BS1)				Prepared & Analyzed: 07/19/01						
Lead	50.0	7.5	mg/kg	50.0		100	80-120			
Matrix Spike (1070453-MS1)		**Source: P107305-01**		Prepared & Analyzed: 07/19/01						
Lead	42.5	6.5	mg/kg	43.1	ND	87.7	75-125			
Matrix Spike Dup (1070453-MSD1)		**Source: P107305-01**		Prepared & Analyzed: 07/19/01						
Lead	49.5	7.2	mg/kg	48.1	ND	93.1	75-125	15.2	35	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/606 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/30/01 12:14

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1070623 - EPA 5035										
Blank (1070623-BLK1)				Prepared & Analyzed: 07/26/01						
Methyl tert-butyl ether	ND	0.0050	mg/kg							
Surrogate: Dibromofluoromethane	*0.0515*		"	*0.0500*		*103*	*80-120*			
LCS (1070623-BS1)				Prepared & Analyzed: 07/26/01						
Methyl tert-butyl ether	0.0484	0.0050	mg/kg	0.0500		96.8	76-124			
Surrogate: Dibromofluoromethane	*0.0526*		"	*0.0500*		*105*	*80-120*			
Matrix Spike (1070623-MS1)		**Source: P107338-02**		Prepared & Analyzed: 07/26/01						
Methyl tert-butyl ether	0.108	0.0050	mg/kg	0.125	ND	86.4	76-124			
Surrogate: Dibromofluoromethane	*0.126*		"	*0.125*		*101*	*80-120*			
Matrix Spike Dup (1070623-MSD1)		**Source: P107338-02**		Prepared & Analyzed: 07/26/01						
Methyl tert-butyl ether	0.117	0.0050	mg/kg	0.125	ND	93.6	76-124	8.00	35	
Surrogate: Dibromofluoromethane	*0.133*		"	*0.125*		*106*	*80-120*			

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/606 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/30/01 12:14

Notes and Definitions

QM-07	The spike recovery was outside control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR-04	The results between the primary and confirmation columns varied by greater than 40% RPD. The results may still be useful for their intended purpose.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Fax copy of Lab Report and COC to Chevron Contact: ☐ No (Yes)

Chain-of-Custody-Record

Chevron U.S.A. Inc.
P.O. BOX 5004
San Ramon, CA 94583
FAX (415)842-9591

Chevron Facility Number: 21-0208
Facility Address: 6006 International, Oakland
Consultant Project Number: DG20208C.4C01
Consultant Name: Getter-Ryan Inc.
Address: 1364 N. McDowell Blvd, B2, Petaluma
Project Contact (Name): Jed Douglas
(Phone) 707-789-3255 (Fax Number) 707-789-3218

Chevron Contact (Name): Tom Bachs / Tony Quijalvo
(Phone) 925-842-8602 / fax 925-842-1250
Laboratory Name: Sequoia Analytical
Laboratory Release Number:
Samples Collected by (Name): Jed Douglas
Collection Date:
Signature:

Analyses To Be Performed

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	MTBE 8020	Confirm MTBE 8260	Total Lead 6010			Remarks
GP14-2.5	1	one	S	D	0830		Yes	X		P	107305			01		X	X	X			Fax results to Chevron and GR ATTN: Steve Carter 916-631-1317
GP14-5.5	X				0835			X						02		X	X	X			
GP15-2.5	X				0910			X						03		X	X	X			
GP15-5.5	X				0915			X						04		X	X	X			
GP16-2.5	X				0950			X						05		X	X	X			
GP16-5.5	X				0955			X						06		X	X	X			
GP17-2.5	X				1055			X						07		X	X	X			
GP17-5.5	X	✓	✓	✓	1100		✓	X						08		X	X	X			

COOLER CUSTODY SEALS INTACT ☐
NOT INTACT ☐ N/A
COOLER TEMPERATURE 5.6 °C

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	GR	7-18-01/1440			
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
					7/18/01 @ 1440

Turn Around Time (Circle Choice)
(24 Hrs.)
48 Hrs.
5 Days
10 Days
As Contracted

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

July 19 , 2001

Jed Douglas
Gettler - Ryan Inc.
1364 North Mc Dowell Blvd., Suite B2
Petaluma, CA 94954-1116
RE: Chevron / P107276

Enclosed are the results of analyses for samples received by the laboratory on 07/17/01. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angelee Cari

Angelee Cari
Client Services Representative

CA ELAP Certificate Number 2374

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/19/01 18:45

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH0-3	P107276-01	Soil	07/17/01 00:00	07/17/01 18:15
WH3-6	P107276-02	Soil	07/17/01 00:00	07/17/01 18:15

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/19/01 18:45

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WH0-3 (P107276-01) Soil Sampled: 07/17/01 00:00 Received: 07/17/01 18:15									
Gasoline (C6-C12)	**5.0**	5.0	mg/kg	5	1070417	07/18/01	07/18/01	EPA 8015M/8020M	
Benzene	ND	0.025	"	"	"	"	"	"	
Toluene	ND	0.025	"	"	"	"	"	"	
Ethylbenzene	ND	0.025	"	"	"	"	"	"	
Xylenes (total)	ND	0.025	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.25	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*100 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*65-135*		"	"	"	"	
WH3-6 (P107276-02) Soil Sampled: 07/17/01 00:00 Received: 07/17/01 18:15									
Gasoline (C6-C12)	**4.0**	1.0	mg/kg	1	1070417	07/18/01	07/19/01	EPA 8015M/8020M	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	**0.0093**	0.0050	"	"	"	"	"	"	
Xylenes (total)	**0.011**	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*85.8 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*114 %*	*65-135*		"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/19/01 18: 45

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WH0-3 (P107276-01) Soil	**Sampled: 07/17/01 00:00**	**Received: 07/17/01 18:15**							
Lead	ND	6.7	mg/kg	1	1070431	07/18/01	07/19/01	EPA 6010B	
WH3-6 (P107276-02) Soil	**Sampled: 07/17/01 00:00**	**Received: 07/17/01 18:15**							
Lead	ND	7.2	mg/kg	1	1070431	07/18/01	07/19/01	EPA 6010B	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/19/01 18:45

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1070417 - EPA 5030, soils										
Blank (1070417-BLK1)				Prepared & Analyzed: 07/18/01						
Gasoline (C6-C12)	ND	1.0	mg/kg							
Benzene	ND	0.0050	"							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Methyl tert-butyl ether	ND	0.050	"							
Surrogate: a,a,a-Trifluorotoluene	*0.593*		"	*0.600*		*98.8*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.587*		"	*0.600*		*97.8*	*65-135*			
Blank (1070417-BLK2)				Prepared: 07/18/01 Analyzed: 07/19/01						
Gasoline (C6-C12)	ND	1.0	mg/kg							
Benzene	ND	0.0050	"							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Methyl tert-butyl ether	ND	0.050	"							
Surrogate: a,a,a-Trifluorotoluene	*0.609*		"	*0.600*		*102*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.587*		"	*0.600*		*97.8*	*65-135*			
LCS (1070417-BS1)				Prepared & Analyzed: 07/18/01						
Gasoline (C6-C12)	4.76	1.0	mg/kg	5.50		86.5	65-135			
Benzene	0.0786	0.0050	"	0.0640		123	65-135			
Toluene	0.389	0.0050	"	0.386		101	65-135			
Ethylbenzene	0.0882	0.0050	"	0.0920		95.9	65-135			
Xylenes (total)	0.483	0.0050	"	0.462		105	65-135			
Methyl tert-butyl ether	0.132	0.050	"	0.104		127	65-135			
Surrogate: a,a,a-Trifluorotoluene	*0.621*		"	*0.600*		*104*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.614*		"	*0.600*		*102*	*65-135*			

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/19/01 18:45

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1070417 - EPA 5030, soils										
LCS (1070417-BS2)				Prepared: 07/18/01 Analyzed: 07/19/01						
Gasoline (C6-C12)	4.61	1.0	mg/kg	5.50		83.8	65-135			
Benzene	0.0772	0.0050	"	0.0640		121	65-135			
Toluene	0.386	0.0050	"	0.386		100	65-135			
Ethylbenzene	0.0881	0.0050	"	0.0920		95.8	65-135			
Xylenes (total)	0.483	0.0050	"	0.462		105	65-135			
Methyl tert-butyl ether	0.131	0.050	"	0.104		126	65-135			
Surrogate: a,a,a-Trifluorotoluene	*0.608*		"	*0.600*		*101*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.593*		"	*0.600*		*98.8*	*65-135*			
Matrix Spike (1070417-MS1)		**Source: P107275-01**		Prepared & Analyzed: 07/18/01						
Gasoline (C6-C12)	4.77	1.0	mg/kg	5.50	ND	84.2	65-135			
Benzene	0.0796	0.0050	"	0.0640	ND	124	65-135			
Toluene	0.392	0.0050	"	0.386	ND	102	65-135			
Ethylbenzene	0.0889	0.0050	"	0.0920	ND	96.2	65-135			
Xylenes (total)	0.486	0.0050	"	0.462	ND	105	65-135			
Methyl tert-butyl ether	0.113	0.050	"	0.104	ND	109	65-135			
Surrogate: a,a,a-Trifluorotoluene	*0.598*		"	*0.600*		*99.7*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.593*		"	*0.600*		*98.8*	*65-135*			
Matrix Spike Dup (1070417-MSD1)		**Source: P107275-01**		Prepared & Analyzed: 07/18/01						
Gasoline (C6-C12)	4.63	1.0	mg/kg	5.50	ND	81.6	65-135	2.98	20	
Benzene	0.0804	0.0050	"	0.0640	ND	126	65-135	1.00	20	
Toluene	0.393	0.0050	"	0.386	ND	102	65-135	0.255	20	
Ethylbenzene	0.0891	0.0050	"	0.0920	ND	96.5	65-135	0.225	20	
Xylenes (total)	0.487	0.0050	"	0.462	ND	105	65-135	0.206	20	
Methyl tert-butyl ether	0.110	0.050	"	0.104	ND	106	65-135	2.69	20	
Surrogate: a,a,a-Trifluorotoluene	*0.610*		"	*0.600*		*102*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.585*		"	*0.600*		*97.5*	*65-135*			

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/19/01 18:45

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1070431 - EPA 3050B										
Blank (1070431-BLK1)				Prepared: 07/18/01 Analyzed: 07/19/01						
Lead	ND	7.5	mg/kg							
LCS (1070431-BS1)				Prepared: 07/18/01 Analyzed: 07/19/01						
Lead	47.9	7.5	mg/kg	50.0		95.8	80-120			
Matrix Spike (1070431-MS1)	**Source: P107276-01**			Prepared: 07/18/01 Analyzed: 07/19/01						
Lead	47.6	6.7	mg/kg	44.6	ND	92.4	75-125			
Matrix Spike Dup (1070431-MSD1)	**Source: P107276-01**			Prepared: 07/18/01 Analyzed: 07/19/01						
Lead	47.3	6.9	mg/kg	46.3	ND	88.3	75-125	0.632	35	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/19/01 18:45

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Fax copy of Lab Report and COC to Chevron Contact: ☐ No

Chain-of-Custody-Record

Chevron U.S.A. Inc.
P.O. BOX 5004
San Ramon, CA 94583
FAX (415)842-9591

Chevron Facility Number: 21-0208
Facility Address: 6006 International, Oakland
Consultant Project Number: DG20208C.4C01
Consultant Name: Getter-Ryan Inc.
Address: 1364 N. McDowell Blvd, B2, Petaluma
Project Contact (Name): Jed Douglas
(Phone) 707-789-3255 (Fax Number) 707-789-3218

Chevron Contact (Name): Tom Bachs / Tony Quijalvo
(Phone) 925-842-8602 / fax 925-842-1250
Laboratory Name: Sequoia Analytical
Laboratory Release Number:
Samples Collected by (Name): Jed Douglas
Collection Date:
Signature:

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	MTBE 8020	Confirm MTBE 8260	Total Lead 6010	Remarks
WH0-3		7	S	C			Yes	X		Pilot			76	-01		X	X	X	Fax results to Chevron and GR Attn: Steve Carter 916-631-1317
WH3-6		7	S	C			Yes	X						-02		X	X	X	
Sample WH0-3 = Please composite to one Sample										GP1-2.5, GP6-2.5, GP7-2.5, GP8-2.5, GP9-2.5, GP10-2.5, GP13-2.5										
Sample WH3-6 = Please composite to one Sample										GP1-5.5, GP6-5.5, GP7-5.5, GP8-5.5, GP9-5.5, GP10-5.5, GP13-5.5										

COOLER CUSTODY SEALS INTACT ☐
NOT INTACT ☐

7/17/01 MTBE Confirmation canceled per Jed Douglas

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	G-R	7-17-01 1815		Sequoia	7/17/01 1815
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time

COOLER RECEIPT 5 °C

Turn Around Time (Circle Choice)
24 Hrs.
48 Hrs.
5 Days
10 Days
As Contracted

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

29 August, 2001

Steve Carter
Gettler-Ryan Rancho Cordova
3140 Gold Camp Drive #170
Rancho Cordova, CA 95670

RE: Chevron
Sequoia Report: P107306

Enclosed are the results of analyses for samples received by the laboratory on 07/18/01 14:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angelee Cari

Angelee Cari
Client Services Representative

CA ELAP Certificate #2374

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler-Ryan Rancho Cordova	Project: Chevron	
3140 Gold Camp Drive #170	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	08/29/01 10:31

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EH0-3	P107306-01	Soil	07/18/01 00:00	07/18/01 14:40
EH3-6	P107306-02	Soil	07/18/01 00:00	07/18/01 14:40

Sequoia Analytical - Petaluma

Angelee Cari

Angelee Cari, Client Services Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler-Ryan Rancho Cordova	Project: Chevron	
3140 Gold Camp Drive #170	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	08/29/01 10:31

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EH0-3 (P107306-01) Soil Sampled: 07/18/01 00:00 Received: 07/18/01 14:40									
Gasoline (C6-C12)	**2.5**	1.0	mg/kg	1	1070459	07/19/01	07/19/01	EPA 8015M/8020M	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	**0.015**	0.0050	"	"	"	"	"	"	
Xylenes (total)	**0.013**	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*89.8 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*	*65-135*		"	"	"	"	
EH3-6 (P107306-02) Soil Sampled: 07/18/01 00:00 Received: 07/18/01 14:40									
Gasoline (C6-C12)	**2.4**	1.0	mg/kg	1	1070459	07/19/01	07/19/01	EPA 8015M/8020M	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	**0.0054**	0.0050	"	"	"	"	"	"	
Xylenes (total)	**0.0072**	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*99.3 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*103 %*	*65-135*		"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler-Ryan Rancho Cordova	Project: Chevron	
3140 Gold Camp Drive #170	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	08/29/01 10:31

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EH0-3 (P107306-01) Soil Sampled: 07/18/01 00:00 Received: 07/18/01 14:40									
Lead	ND	6.9	mg/kg	1	1070453	07/19/01	07/19/01	EPA 6010B	
EH3-6 (P107306-02) Soil Sampled: 07/18/01 00:00 Received: 07/18/01 14:40									
Lead	ND	6.4	mg/kg	1	1070453	07/19/01	07/19/01	EPA 6010B	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler-Ryan Rancho Cordova	Project: Chevron	
3140 Gold Camp Drive #170	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	08/29/01 10:31

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1070459 - EPA 5030, soils										
Blank (1070459-BLK1)				Prepared & Analyzed: 07/19/01						
Gasoline (C6-C12)	ND	1.0	mg/kg							
Benzene	ND	0.0050	"							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Methyl tert-butyl ether	ND	0.050	"							
Surrogate: a,a,a-Trifluorotoluene	*0.609*		"	*0.600*		*102*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.587*		"	*0.600*		*97.8*	*65-135*			
Blank (1070459-BLK3)				Prepared & Analyzed: 07/25/01						
Gasoline (C6-C12)	ND	1.0	mg/kg							
Benzene	ND	0.0050	"							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Methyl tert-butyl ether	ND	0.050	"							
Surrogate: a,a,a-Trifluorotoluene	*0.597*		"	*0.600*		*99.5*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.590*		"	*0.600*		*98.3*	*65-135*			
LCS (1070459-BS1)				Prepared & Analyzed: 07/19/01						
Gasoline (C6-C12)	4.61	1.0	mg/kg	5.50		83.8	65-135			
Benzene	0.0772	0.0050	"	0.0640		121	65-135			
Toluene	0.386	0.0050	"	0.386		100	65-135			
Ethylbenzene	0.0881	0.0050	"	0.0920		95.8	65-135			
Xylenes (total)	0.483	0.0050	"	0.462		105	65-135			
Methyl tert-butyl ether	0.131	0.050	"	0.104		126	65-135			
Surrogate: a,a,a-Trifluorotoluene	*0.608*		"	*0.600*		*101*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.593*		"	*0.600*		*98.8*	*65-135*			

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler-Ryan Rancho Cordova	Project: Chevron	
3140 Gold Camp Drive #170	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	08/29/01 10:31

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1070459 - EPA 5030, soils										
LCS (1070459-BS3)				Prepared & Analyzed: 07/25/01						
Gasoline (C6-C12)	4.77	1.0	mg/kg	5.50		86.7	65-135			
Benzene	0.0802	0.0050	"	0.0660		122	65-135			
Toluene	0.394	0.0050	"	0.397		99.2	65-135			
Ethylbenzene	0.0890	0.0050	"	0.0920		96.7	65-135			
Xylenes (total)	0.488	0.0050	"	0.461		106	65-135			
Methyl tert-butyl ether	0.134	0.050	"	0.105		128	65-135			
Surrogate: a,a,a-Trifluorotoluene	*0.620*		"	*0.600*		*103*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.608*		"	*0.600*		*101*	*65-135*			
Matrix Spike (1070459-MS1)		**Source: P107305-03**		Prepared & Analyzed: 07/19/01						
Gasoline (C6-C12)	5.29	1.0	mg/kg	5.50	ND	94.5	65-135			
Benzene	0.0799	0.0050	"	0.0640	ND	125	65-135			
Toluene	0.433	0.0050	"	0.386	ND	112	65-135			
Ethylbenzene	0.0954	0.0050	"	0.0920	ND	103	65-135			
Xylenes (total)	0.521	0.0050	"	0.462	ND	113	65-135			
Methyl tert-butyl ether	0.317	0.050	"	0.104	0.13	180	65-135			QM-07
Surrogate: a,a,a-Trifluorotoluene	*0.617*		"	*0.600*		*103*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.583*		"	*0.600*		*97.2*	*65-135*			
Matrix Spike Dup (1070459-MSD1)		**Source: P107305-03**		Prepared & Analyzed: 07/19/01						
Gasoline (C6-C12)	5.20	1.0	mg/kg	5.50	ND	92.9	65-135	1.72	20	
Benzene	0.0708	0.0050	"	0.0640	ND	111	65-135	12.1	20	
Toluene	0.441	0.0050	"	0.386	ND	114	65-135	1.83	20	
Ethylbenzene	0.0974	0.0050	"	0.0920	ND	106	65-135	2.07	20	
Xylenes (total)	0.532	0.0050	"	0.462	ND	115	65-135	2.09	20	
Methyl tert-butyl ether	0.287	0.050	"	0.104	0.13	151	65-135	9.93	20	QM-07
Surrogate: a,a,a-Trifluorotoluene	*0.622*		"	*0.600*		*104*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.567*		"	*0.600*		*94.5*	*65-135*			

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler-Ryan Rancho Cordova	Project: Chevron	
3140 Gold Camp Drive #170	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	08/29/01 10:31

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1070453 - EPA 3050B										
Blank (1070453-BLK1)				Prepared & Analyzed: 07/19/01						
Lead	ND	7.5	mg/kg							
LCS (1070453-BS1)				Prepared & Analyzed: 07/19/01						
Lead	50.0	7.5	mg/kg	50.0		100	80-120			
Matrix Spike (1070453-MS1)	**Source: P107305-01**			Prepared & Analyzed: 07/19/01						
Lead	42.5	6.5	mg/kg	43.1	ND	87.7	75-125			
Matrix Spike Dup (1070453-MSD1)	**Source: P107305-01**			Prepared & Analyzed: 07/19/01						
Lead	49.5	7.2	mg/kg	48.1	ND	93.1	75-125	15.2	35	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler-Ryan Rancho Cordova	Project: Chevron	
3140 Gold Camp Drive #170	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	08/29/01 10:31

Notes and Definitions

QM-07	The spike recovery was outside control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Fax copy of Lab Report and COC to Chevron Contact: ☐ Yes ☒ No

Chain-of-Custody-Record

Chevron U.S.A. Inc.
P.O. BOX 5004
San Ramon, CA 94583
FAX (415)842-9591

Chevron Facility Number: 21-0208
Facility Address: 6006 International Blvd, Oakland
Consultant Project Number: 0620208C.4C01
Consultant Name: Gettler-Ryan
Address: Sacramento
Project Contact (Name): Steve Carter
(Phone) 916-631-1300 (Fax Number) 916-631-1317

Chevron Contact (Name): Tony Quijalvo
(Phone) 925-842-8602
Laboratory Name: Sequoia Analytical
Laboratory Release Number:
Samples Collected by (Name): Joel Douglas
Collection Date: 7-18-01
Signature: [signature]

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	MTBE 8020	~~[struck out]~~	Total Lead 6010			Remarks
EHØ-3		6	S	C				X			P107306			-01		X	~~X~~	X			Fax Results
EH3-6		6	S	C				X						-02		X	~~X~~	X			to Steve
																					Carter @
																					916-631-1317

Sample EHØ-3 = Composite to one sample GP2-2.5, GP4-2.5, GP3-2.5, GP14-2.5, GP15-2.5, GP16-2.5

Sample EH3-6 = Composite to one sample GP2-5.5, GP3-5.5, GP4-5.5, GP14-5.5, GP15-5.5, GP16-5.5

COOLER CUSTODY SEALS INTACT ☐ N/A
NOT INTACT ☐
COOLER TEMPERATURE 5.4 °C

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
[signature]	G-R	7-18-01/1440			
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Relinquished By (Signature)	Organization	Date/Time	Recieved For Laboratory By (Signature)		Date/Time
			[signature]		7/18/01 @ 1440

Turn Around Time (Circle Choice)
- (24 Hrs.) (circled)
- ~~48 Hrs.~~
- 5 Days
- 10 Days
- As Contracted

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

August 8, 2001

Steve Carter
Gettler-Ryan Rancho Cordova
3164 Gold Camp Drive #240
Rancho Cordova, CA 95670

Re: Chevron/P107314

Enclosed are the results of analyses for samples received by the laboratory on 7/17/01. I have included the results for the geophysical analyses performed by ETS in Petaluma, CA at the end of this report. Please feel free to call me with any questions you may have regarding this report.

Sincerely,

Angelee Cari

Angelee Cari
Client Services Representative

CA ELAP Certificate Number 2374

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler-Ryan Rancho Cordova	Project: Chevron	
3140 Gold Camp Drive #170	Project Number: 21-0208/6006 International Blvd., Oakland	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	08/08/01 13:16

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GP11-4-6	P107314-01	Soil	07/17/01 13:50	07/17/01 18:15
GP11-6-8	P107314-02	Soil	07/17/01 13:55	07/17/01 18:15
GP12-1-3	P107314-03	Soil	07/17/01 14:25	07/17/01 18:15

Sequoia Analytical - Petaluma

Angelee Cari

Angelee Cari, Client Services Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler-Ryan Rancho Cordova	Project: Chevron	
3140 Gold Camp Drive #170	Project Number: 21-0208/6006 International Blvd., Oakland	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	08/08/01 13:16

Conventional Chemistry Parameters by APHA/EPA Methods

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP11-4-6 (P107314-01) Soil Sampled: 07/17/01 13:50 Received: 07/17/01 18:15									
pH	**7.93**	2.00	pH Units	1	1070480	07/18/01	07/18/01	EPA 9045C	
GP11-6-8 (P107314-02) Soil Sampled: 07/17/01 13:55 Received: 07/17/01 18:15									
pH	**7.92**	2.00	pH Units	1	1070480	07/18/01	07/18/01	EPA 9045C	
GP12-1-3 (P107314-03) Soil Sampled: 07/17/01 14:25 Received: 07/17/01 18:15									
pH	**7.15**	2.00	pH Units	1	1070480	07/18/01	07/18/01	EPA 9045C	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler-Ryan Rancho Cordova	Project: Chevron	
3140 Gold Camp Drive #170	Project Number: 21-0208/6006 International Blvd., Oakland	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	08/08/01 13:16

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1070480 - General Preparation										
Duplicate (1070480-DUP1)		**Source: P107314-01**		Prepared & Analyzed: 07/18/01						
pH	7.93	2.00	pH Units		7.93			0.00	20	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler-Ryan Rancho Cordova	Project: Chevron	
3140 Gold Camp Drive #170	Project Number: 21-0208/6006 International Blvd., Oakland	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	08/08/01 13:16

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

E T S
1343 Redwood Way
Petaluma, CA 94954
(707) 795-9605/FAX 795-9384

Environmental Technical Services

Soil, Water, Air, Plant Tissue and Other Testing & Monitoring Analytical Labs Technical Support

Serving people and the environment so that both benefit.

CLIENT: Sequoia Analytical, 1455 N. McDowell Blvd., Suite D, Petaluma, CA 94954
ATTN: Angelee Cari
JOB NUMBER: P107314
SITE LOCATION: northern California

DATE COLLECTED	DATE RECEIVED	DATE of COMPLETION	ANALYST(S)	SUPERVISOR
Unk	7/19/01	8/6/01	S. Banwait W. Zuo	D. Jacobson LAB DIRECTOR G. Conrad PhD

LAB SAMPLE NUMBER	SAMPLE ID	BORING or DEPTH of SAMPLE	F O C ORG CARB %	MOISTURE CONTENT %	DRY BULK DENSITY lbs/cuft	SPECIFIC GRAVITY gm/cc	POROSITY (Volume) %	AIR/WATER (Vol/Vol) %/%
01-07-0354	107314-01	-	-	23.22	96.1	2.67	42.31	19.09/23.22
01-07-0355	107314-02	-	-	22.51	104.7	2.72	38.29	15.78/22.51
01-07-0356	107314-03	-	-	24.93	99.6	2.71	41.09	16.16/24.93

LAB SAMPLE NUMBER	SAMPLE ID	AREA/TYPE of SAMPLE	SAND TOTAL %	FINES TOTAL %	GRAVEL TOTAL %	RATE of INFILTRATION cm/sec	TENSIOMETRY kPa	SOLUTE DIFFUSIVITY sqcm/sec
01-07-0354	107314-01	-	17.56	82.44	0.00			
01-07-0355	107314-02	-	3.12	96.88	0.00			
01-07-0356	107314-03	-	20.13	79.87	0.00			

COMMENTS

Because of the high fines content, with clay at 40-50% and silt 30-60%, the permeabilities are very very low. But as often happens with such materials, porosites are significant averaging just a little over 40% for the three. The very high silt content of one sample (-02) along with the fact sand is very low, @ <5%, allowed for a little more compaction in this sample, thus its lower porosity and greater density. Air volume is the lowest in this sample as well, but again the three do not vary that much with air volumes recorded in the range of 15-20%.

\\ NOTES: Samples are prepared according to appropriate methods as required, requested, and/or found in one of the following references: American Society for Testing and Materials (ASTM), and/or Methods of Soil Analysis (ASA/SSSA), ç 1986, 2nd ed., or other appropriate and/or acceptable methodologies (eg. USGS, EPA, USDA, etc.): density - ASTM D 2937; specific Gravity - ASTM D 854; Capillary Moisture - ASTM D 3152/D 2325; Hydraulic Conductivity - ASTM D 5084; Sand Equivalent - ASTM D 2419; Fines Total - ASTM D 422; fluid penetration measures - Methods of Soil Analysis

E T S
1343 Redwood Way
Petaluma, CA 94954
(707) 795-9605/FAX 795-9384

Environmental Technical Services

Soil, Water & Air Testing & Monitoring Analytical Labs Technical Support

Serving people and the environment so that both benefit.

COMPANY: Sequoia Analytical, 1455 N. McDowell Blvd., Suite D, Petaluma, CA 94954
ATTN: Angelee Cari
PROJECT ID: P107314

DATE COLLECTED	DATE RECEIVED	DATE of REPORT
Unk	7/19/01	8/6/01

PERMEABILITY AND HYDRAULIC CONDUCTIVITY DETERMINATIONS

LAB SAMPLE NUMBER	SAMPLE ID	DEPTH	PERCENT WATER CONTENT	DRY DENSITY lbs/cuft	SPEC. GRAV. (ass/act) gm/cc	POROSITY (Volume) %	WATER SATURATION PERCENT	FALLING HEAD PRES GRAD in	PERMEABILITY cm/sec
01-07-0354	107314-01	-	23.22	96.1	2.67	42.31	84.5	73.5-67.5	2.2 x 10E-8
01-07-0355	107314-02	-	22.51	104.7	2.72	38.29	98.8	83.5-77.5	2.8 X 10E-8
01-07-0356	107314-03	-	24.93	99.6	2.71	41.09	96.9	73.5-67.0	1.6 X 10E-8

COMMENTS/NOTES:
Normally specific gravities are estimated for the purposes of permeability testing which results in estimated porosity percentages. However, in this case because porosity was a specified requirement, both bulk density and specific gravity were analytically determined which, in turn, allowed for the determination of actual porosities (see physical test results sheet). While these values do not affect permeability results, they do give a slightly more accurate picture of the soils. Notice that all three samples have very similar permeability results with very very slow perms. Indeed, in practical terms, both clays with sand (-01 & -03) and the silt (-02) are just about impermeable.

\\\\\ NOTES: Testing follows methodology as per the Association of Testing Materials (ASTM) protocols as follows: ASTM D-2434 Test Method for Permeability of Granular Soils (Constant Head); or ASTM D-5084 Standard Test Method for Measuring Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter.

E T S
1343 Redwood Way
Petaluma, CA 94954
(707) 795-9605/FAX 795-9384

Environmental Technical Services

Soil, Water, Air, Plant Tissue and Other Testing & Monitoring
Analytical Labs
Technical Support

Serving people and the environment so that both benefit.

COMPANY: Sequoia Analytical, 1455 N. McDowell Blvd., Suite D, Petaluma, CA 94954
ATTN: Angelee Cari
SITE LOCATION: northern California
PROJECT ID: P107314

DATE COLLECTED	DATE RECEIVED	DATE of REPORT
Unk	7/19/01	8/6/01

ANALYST(S)	SUPERVISOR
R. Conrad	D. Jacobson
J. Nelson	LAB DIRECTOR
	G.Conrad, PhD

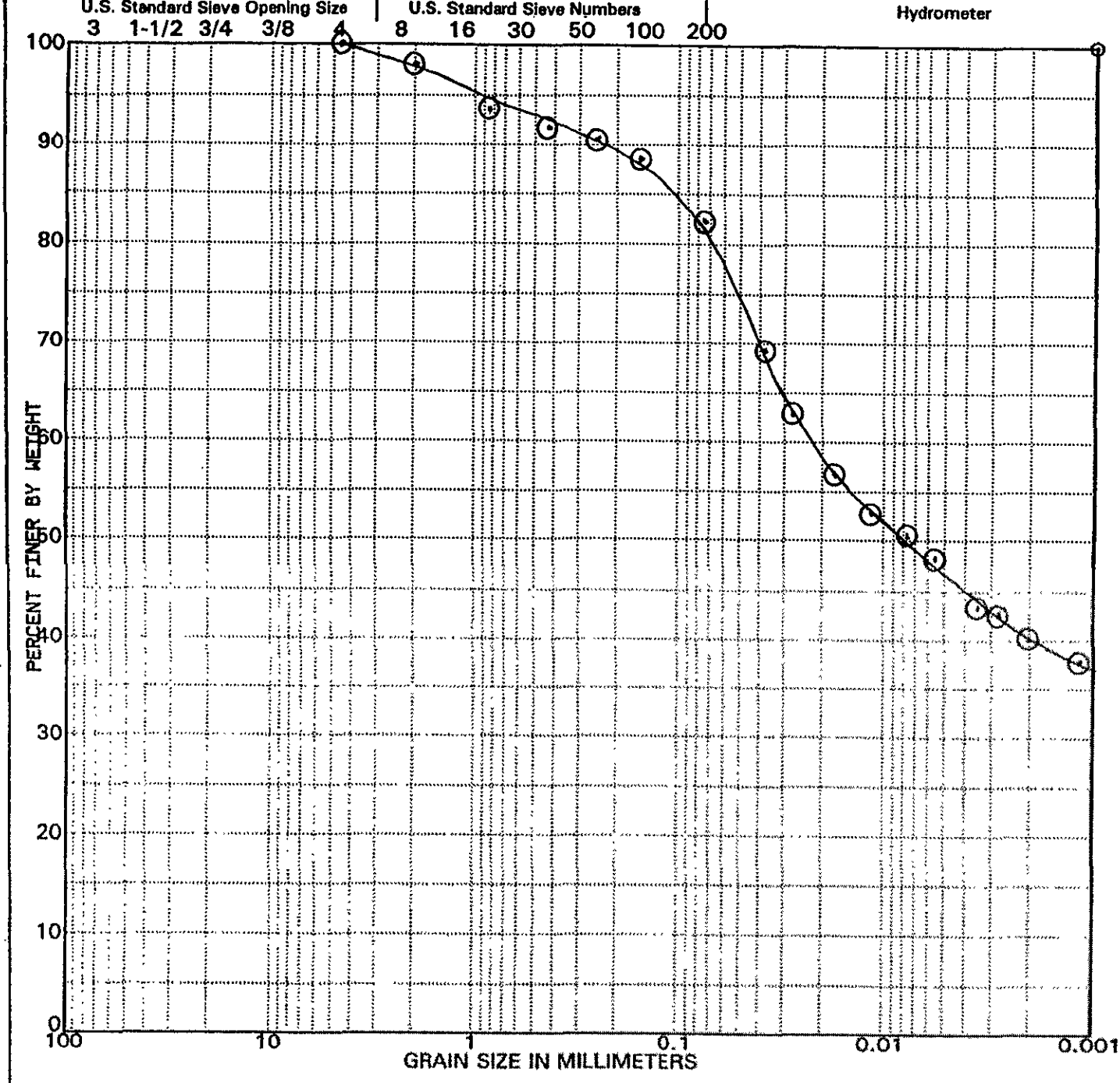
HYDROMETER & SIEVE ANALYSIS REPORT

SIEVE SIZE (SCREEN #)	LAB NUMBER: 01-07-0351 HYDROMETER PERCENTAGE	PERCENT PASSING	PERCENT RETAINED	SAMPLE ID: 107314-01 (UNIFIED) SYSTEM	LAB NUMBER: 01-07-0352 HYDROMETER PERCENTAGE	PERCENT PASSING	PERCENT RETAINED	SAMPLE ID: 107314-02 (UNIFIED) SYSTEM
3/4" Sieve		100.00	0.00	Coarse Gravel		100.00	0.00	Coarse Gravel
3/8" Sieve		100.00	0.00	Fine Gravel		100.00	0.00	Fine Gravel
Sieve #4		100.00	0.00			100.00	0.00	
Sieve #10		97.91	2.09	Coarse Sand		100.00	0.00	Coarse Sand
Sieve #20		93.22	4.69	Medium Sand		99.62	0.38	Medium Sand
Sieve #40		92.12	1.10			99.48	0.14	
Sieve #60		90.33	1.79	Fine Sand		99.20	0.28	Fine Sand
Sieve #140		88.02	2.31			98.80	0.40	
Sieve #200		82.44	5.58			96.88	1.92	
	√				√			Mud
SILT (0.074)	35.54	*Grvl Total->*	*0.00*	SILT (0.074)	57.00	*Grvl Total->*	*0.00*	
		Sand Total->	*17.56*			*Sand Total->*	*3.12*	(Silt & Clay)
CLAY (0.005)	46.90	*Fines Total->*	*82.44*	CLAY (0.005)	39.88	*Fines Total->*	*96.88*	
		Sum Total->	*100.00*			*Sum Total->*	*100.00*	

COMMENTS

One of these two samples (-01) and the next one (-03) have very similar textural profiles with similar amounts of sand, silt and clay. Both (-01 & -03) have about 80% fines with the balance being sand. No gravel is present in any of the three samples. And in one sample (-02) there isn't even any coarse sand and the total sand content is only about 3%. All three samples classify as (ASTM) muds with the difference being that two are clay muds with sand (-01 & -03) [because sand exceeds 15%], while the other is a silt mud (-02) [with sand much less than 15%].

\\\ NOTES: Samples are dried, disaggregated, and screened through a nested set of sieves. Consolidated samples are wet sieved (e.g., beach sand), while unconsolidated samples are dry sieved. Different organizations, eg. USGS, USDA, CSSC, ISSS, ISSS, ASTM, AASHTO, etc., have different divisions for the various fractions. The divisions listed above reflect ASTM and/or client specifications as a rule Depending on specs, anywhere from 2-12 hydrometer points are taken over a 2 to 24 hour period. Settling tubes are 17" x 2.375" polycarbonate cylinders; dispersion device is stainless steel.



Cobbles	GRAVEL		SAND			SILT	CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE		

SIEVE #	% FRACTION
3/4"	0.00
3/8"	0.00
#4	0.00
#10	2.09
#20	4.69
#40	1.10
#60	1.79
#100	2.31
#200	5.58

TEXTURAL CLASSES & PERCENTAGES	
Gravel Total ---------->	0.00
Coarse Sand ---->	2.09
Medium Sand ---->	5.79
Fine Sand ------>	9.68
Sand Total ---------->	17.56
Silt ---------->	35.54
Clay ---------->	46.90
Fines Total ---------->	82.44
Grand Total ---------->	100.00

SOIL CLASSIFICATION

Olive Brown Clay w/ sand

USDA CLASSIFICATION

Clay

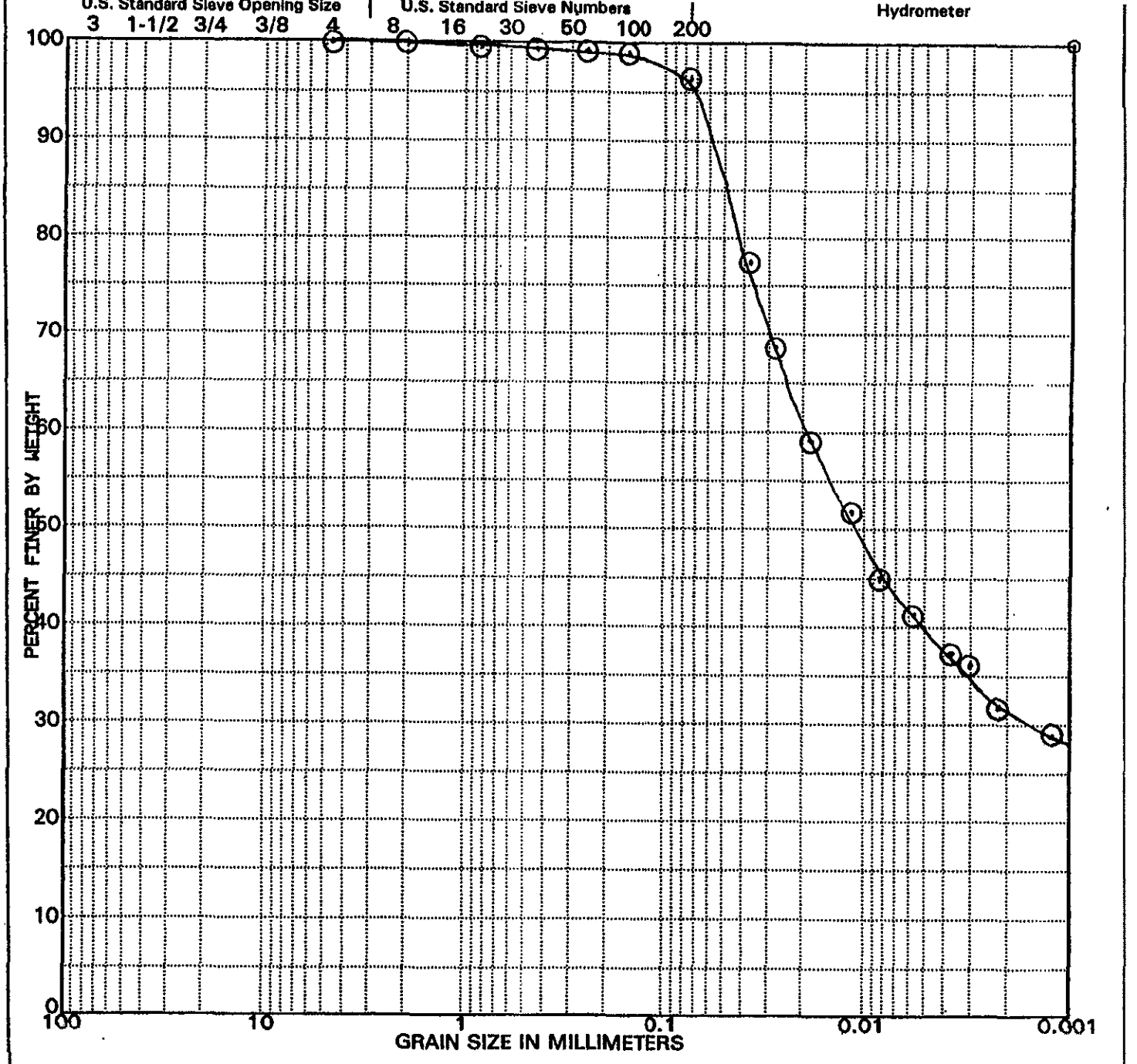
SAMPLE ID: 107314-01 CLIENT: Sequoia Analytical

PROJECT ID: P107314 DATE: 8/6/01

PLATE 1

PARTICLE SIZE ANALYSIS

E T S



Cobbles	GRAVEL		SAND			SILT	CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE		

SIEVE #	% FRACTION
3/4"	0.00
3/8"	0.00
#4	0.00
#10	0.00
#20	0.38
#40	0.14
#60	0.28
#100	0.40
#200	1.92

TEXTURAL CLASSES & PERCENTAGES	
Gravel Total ---------->	0.00
Coarse Sand ---->	0.00
Medium Sand ---->	0.52
Fine Sand ------>	2.60
Sand Total ---------->	3.12
Silt ---------->	57.00
Clay ---------->	39.88
Fines Total ---------->	96.88
Grand Total ---------->	100.00

SOIL CLASSIFICATION

Olive Brown Silt

USDA CLASSIFICATION

Silty Clay Loam

SAMPLE ID: 107314-02 CLIENT: Sequoia Analytical

PROJECT ID: P107314 DATE: 8/6/01

PLATE 2

PARTICLE SIZE ANALYSIS

E T S

E T S
1343 Redwood Way
Petaluma, CA 94954
(707) 795-9605/FAX 795-9384

Environmental Technical Services

Soil, Water, Air, Plant Tissue and Other Testing & Monitoring
Analytical Labs
Technical Support

Serving people and the environment so that both benefit.

COMPANY: Sequoia Analytical, 1455 N. McDowell Blvd., Suite D, Petaluma, CA 94954
ATTN: Angelee Cari
SITE LOCATION: northern California
PROJECT ID: P107314

DATE COLLECTED	DATE RECEIVED	DATE of REPORT
Unk	7/19/01	8/6/01

ANALYST(S): R. Conrad, J. Nelson
SUPERVISOR: D. Jacobson
LAB DIRECTOR: G.Conrad, PhD

HYDROMETER & SIEVE ANALYSIS REPORT

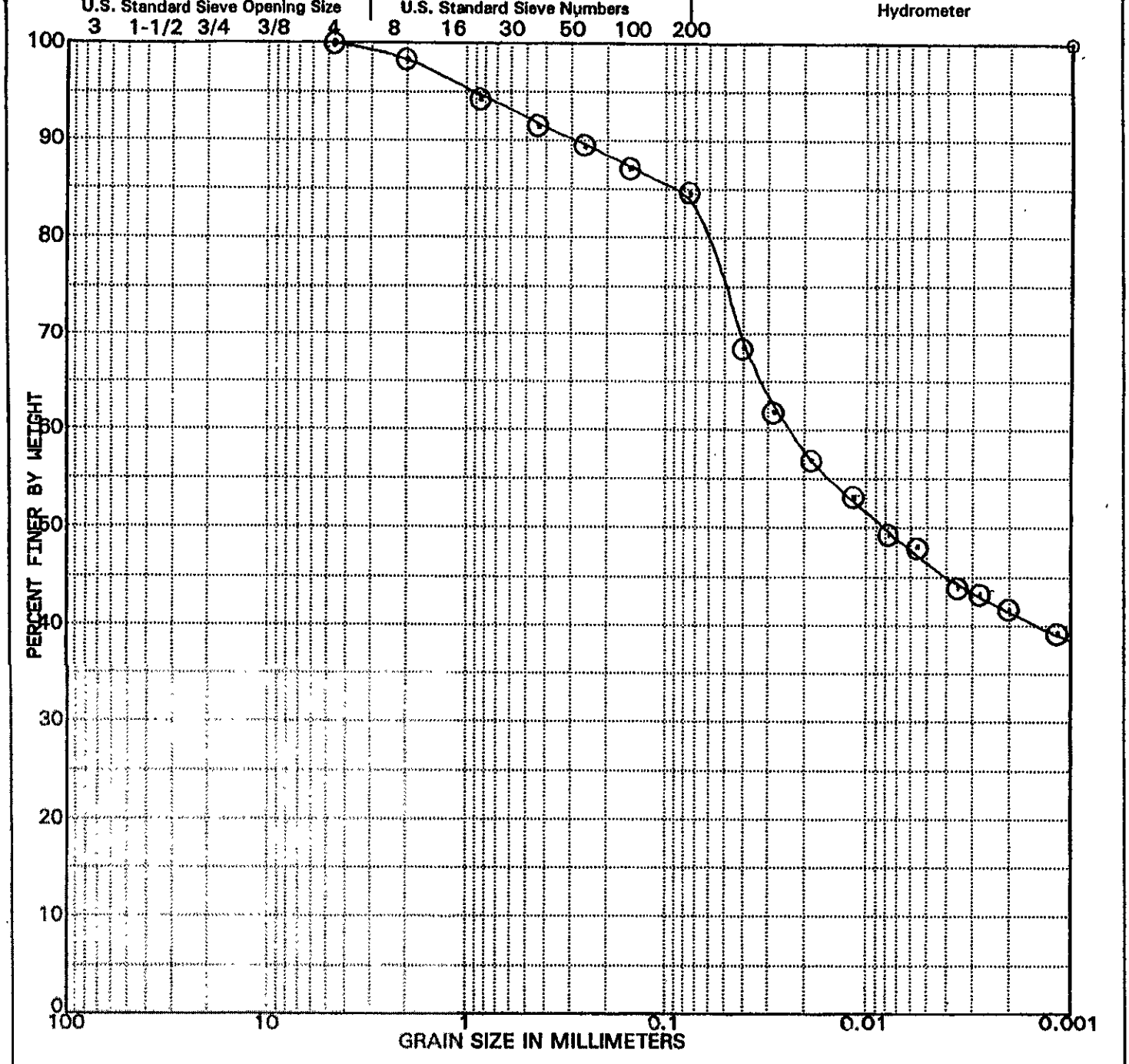
SIEVE SIZE (SCREEN #)	LAB NUMBER: 01-05-0222 SAMPLE ID: 105293-03 HYDROMETER PERCENTAGE	PERCENT PASSING	PERCENT RETAINED	(UNIFIED) SYSTEM	LAB NUMBER: SAMPLE ID: FINES PERCENTAGE	PERCENT PASSING	PERCENT RETAINED	(UNIFIED) SYSTEM
3/4" Sieve		100.00	0.00	Coarse Gravel				Coarse Gravel
3/8" Sieve		100.00	0.00	Fine Gravel				Fine Gravel
Sieve #4		100.00	0.00					
Sieve #10		98.62	1.38	Coarse Sand				Coarse Sand
Sieve #20		94.77	3.85	Medium Sand				Medium Sand
Sieve #40		91.51	3.26					
Sieve #60		89.56	1.95	Fine Sand				Fine Sand
Sieve #140		86.30	3.26					
Sieve #200		79.87	6.43					
SILT (0.074)	√ 32.87			Mud (Silt & Clay)	√			Mud (Silt & Clay)
CLAY (0.005)	47.00							

Grvl Total->	*0.00*	*Grvl Total->*	
Sand Total->	*20.13*	*Sand Total->*	
Fines Total->	*79.87*	*Fines Total->*	
Sum Total->	*100.00*	*Sum Total->*	

********** COMMENTS **********

This sample (-03) and one of the previous two (-01) have very similar textural profiles with similar amounts of sand, silt and clay. Both (-01 & -03) have about 80% fines with the balance being sand. No gravel is present in any of the three samples. All three samples classify as (ASTM) muds with the difference being that two are clay muds with sand (-01 & -03) [because sand exceeds 15%], while the other is a silt mud (-02) [with sand much less than 15%].

\\\ NOTES: Samples are dried, disaggregated, and screened through a nested set of sieves. Consolidated samples are wet sieved (e.g., beach sand), while unconsolidated samples are dry sieved. Different organizations, eg. USGS, USDA, CSSC, ISSS, ISSS, ASTM, AASHTO, etc., have different divisions for the various fractions. The divisions listed above reflect ASTM and/or client specifications as a rule Depending on specs, anywhere from 2-12 hydrometer points are taken over a 2 to 24 hour period. Settling tubes are 17" x 2.375" polycarbonate cylinders; dispersion device is stainless steel.



Cobbles	GRAVEL		SAND			SILT	CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE		

SIEVE #	% FRACTION
3/4"	0.00
3/8"	0.00
#4	0.00
#10	1.38
#20	3.85
#40	3.26
#60	1.95
#100	3.26
#200	6.43

TEXTURAL CLASSES & PERCENTAGES	
Gravel Total ---------->	0.00
Coarse Sand ----->	1.38
Medium Sand ----->	7.11
Fine Sand ------->	11.64
Sand Total ---------->	20.13
Silt ---------->	32.87
Clay ---------->	47.00
Fines Total ---------->	79.87
Grand Total ---------->	100.00

SOIL CLASSIFICATION

Brown Clay w/ sand

USDA CLASSIFICATION

Clay

SAMPLE ID: 107314-02 CLIENT: Sequoia Analytical

PROJECT ID: P107314 DATE: 8/6/01

PLATE 3

PARTICLE SIZE ANALYSIS

E T S

Fax copy of Lab Report and COC to Chevron Contact: ☐ Yes ☒ No

Chain-of-Custody-Record

Chevron U.S.A. Inc.
P.O. BOX 5004
San Ramon, CA 94583
FAX (415)842-9591

Chevron Facility Number: 21-0208
Facility Address: 6006 International Blvd, Oakland
Consultant Project Number: DG20208C.4C01
Consultant Name: Gettler-Ryan Inc.
Address: Sacramento
Project Contact (Name): Steve Carter
(Phone) 916-631-1300 (Fax Number) 916-631-1317

Chevron Contact (Name): Tony Quijalvo
(Phone) 925-842-8602
Laboratory Name: Sequoia Petaluma
Laboratory Release Number:
Samples Collected by (Name): Jed Douglas
Collection Date: 7-17-01
Signature: [signature]

Analyses To Be Performed

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	Bulk Density / Water Content	Porosity / pH	Permeability (02434)	Particle Size (422 full)		Remarks
~~GP5-4.5-5.5~~		2	S	D	1115		Yes									X	X	X	X		[initials]
~~GP7-3-4.5~~		2	S	D	1147											X	X	X	X		[initials]
GP11-4-6		2	S	D	1350		Yes									X	X	X	X		P107314-01
GP11-6-8		2	S	D	1355		↓									X	X	X	X		-02
GP12-1-3		2	S	D	1425		↓									X	X	X	X		-03

COOLER CUSTODY SEALS INTACT
NOT INTACT
COOLER TEMPERATURE 3.1

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
[signature]	G-R	7-17-01/1815	[signature]	Sequoia	7/17/01 1815
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Relinquished By (Signature)	Organization	Date/Time	Recieved For Laboratory By (Signature)		Date/Time

Turn Around Time (Circle Choice)
24 Hrs.
48 Hrs.
5 Days
(10 Days) — circled
As Contracted

Sequoia Analytical

1 455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

July 24 , 2001

Jed Douglas
Gettler - Ryan Inc.
1364 North Mc Dowell Blvd., Suite B2
Petaluma, CA 94954-1116
RE: Chevron / P107318

Enclosed are the results of analyses for samples received by the laboratory on 07/17/01. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angelee Cari

Angelee Cari
Client Services Representative

CA ELAP Certificate Number 2374

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/24/01 11:16

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GP11-W	P107318-01	Water	07/17/01 14:00	07/17/01 18:15
GP12-W	P107318-02	Water	07/17/01 14:40	07/17/01 18:15

7/17/01 Sample GP-11W received 1 of 3 voas with headspace. Sample GP-12W received 2 of 3 voas with headspace.

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/24/01 11:16

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP11-W (P107318-01) Water Sampled: 07/17/01 14:00 Received: 07/17/01 18:15									**HDSP**
Gasoline (C6-C12)	**13000**	1000	ug/l	20	1070544	07/23/01	07/23/01	EPA 8015M/8020M	
Benzene	**28**	10	"	"	"	"	"	"	
Toluene	ND	10	"	"	"	"	"	"	
Ethylbenzene	**110**	10	"	"	"	"	"	"	
Xylenes (total)	**57**	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*94.7 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.7 %*	*65-135*		"	"	"	"	
GP12-W (P107318-02) Water Sampled: 07/17/01 14:40 Received: 07/17/01 18:15									**HDSP**
Gasoline (C6-C12)	**64**	50	ug/l	1	1070544	07/23/01	07/23/01	EPA 8015M/8020M	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*106 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.0 %*	*65-135*		"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/24/01 11:16

Dissolved Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP11-W (P107318-01) Water	**Sampled: 07/17/01 14:00**	**Received: 07/17/01 18:15**							
Lead	ND	75	ug/l	1	1070454	07/19/01	07/19/01	EPA 6010B	
GP12-W (P107318-02) Water	**Sampled: 07/17/01 14:40**	**Received: 07/17/01 18:15**							
Lead	ND	75	ug/l	1	1070454	07/19/01	07/19/01	EPA 6010B	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/24/01 11:16

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1070544 - EPA 5030, waters										
Blank (1070544-BLK1)				Prepared & Analyzed: 07/23/01						
Gasoline (C6-C12)	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	*313*		"	*300*		*104*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*271*		"	*300*		*90.3*	*65-135*			
LCS (1070544-BS1)				Prepared & Analyzed: 07/23/01						
Gasoline (C6-C12)	2460	50	ug/l	2750		89.5	65-135			
Benzene	37.4	0.50	"	32.0		117	65-135			
Toluene	186	0.50	"	193		96.4	65-135			
Ethylbenzene	50.7	0.50	"	46.0		110	65-135			
Xylenes (total)	230	0.50	"	231		99.6	65-135			
Methyl tert-butyl ether	60.8	2.5	"	52.0		117	65-135			
Surrogate: a,a,a-Trifluorotoluene	*326*		"	*300*		*109*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*288*		"	*300*		*96.0*	*65-135*			
Matrix Spike (1070544-MS1)	**Source: P107315-38**			Prepared & Analyzed: 07/23/01						
Gasoline (C6-C12)	2210	50	ug/l	2750	ND	80.4	65-135			
Benzene	42.6	0.50	"	32.0	ND	133	65-135			
Toluene	190	0.50	"	193	ND	98.4	65-135			
Ethylbenzene	49.9	0.50	"	46.0	ND	108	65-135			
Xylenes (total)	235	0.50	"	231	ND	102	65-135			
Methyl tert-butyl ether	60.5	2.5	"	52.0	ND	115	65-135			
Surrogate: a,a,a-Trifluorotoluene	*342*		"	*300*		*114*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*282*		"	*300*		*94.0*	*65-135*			

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/24/01 11:16

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1070544 - EPA 5030, waters										
Matrix Spike Dup (1070544-MSD1)	**Source: P107315-38**			Prepared & Analyzed: 07/23/01						
Gasoline (C6-C12)	2330	50	ug/l	2750	ND	84.7	65-135	5.29	20	
Benzene	40.1	0.50	"	32.0	ND	125	65-135	6.05	20	
Toluene	176	0.50	"	193	ND	91.2	65-135	7.65	20	
Ethylbenzene	48.0	0.50	"	46.0	ND	104	65-135	3.88	20	
Xylenes (total)	218	0.50	"	231	ND	94.4	65-135	7.51	20	
Methyl tert-butyl ether	61.2	2.5	"	52.0	ND	117	65-135	1.15	20	
Surrogate: a,a,a-Trifluorotoluene	*315*		"	*300*		*105*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*286*		"	*300*		*95.3*	*65-135*			

Sequoia Analytical

1455 McDowell Blvd. North ., Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/24/01 11:16

Dissolved Metals by EPA 6000/7000 Series Methods - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1070454 - EPA 3005A										
Blank (1070454-BLK1)				Prepared & Analyzed: 07/19/01						
Lead	ND	75	ug/l							
LCS (1070454-BS1)				Prepared & Analyzed: 07/19/01						
Lead	519	75	ug/l	500		104	80-120			
Matrix Spike (1070454-MS1)	**Source: P107285-01**			Prepared & Analyzed: 07/19/01						
Lead	510	75	ug/l	500	ND	102	75-125			
Matrix Spike Dup (1070454-MSD1)	**Source: P107285-01**			Prepared & Analyzed: 07/19/01						
Lead	514	75	ug/l	500	ND	103	75-125	0.781	20	

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	07/24/01 11:16

Notes and Definitions

HDSP	The sample aliquot was taken from a VOA vial with headspace (air bubble greater than 6 mm diameter) which may have resulted in the loss of volatile analytes.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Fax copy of Lab Report and COC to Chevron Contact: ☐ No

Chain-of-Custody-Record

Chevron U.S.A. Inc.
P.O. BOX 5004
San Ramon, CA 94583
FAX (415)842-9591

Chevron Facility Number: 21-0208
Facility Address: 6006 International, Oakland
Consultant Project Number: OG20208C.4C01
Consultant Name: Getter-Ryan Inc.
Address: 1364 N. McDowell Blvd, B2, Petaluma
Project Contact (Name): Jed Douglas
(Phone) 707-789-3255 (Fax Number) 707-789-3218

Chevron Contact (Name): Tom Bacchs / Tony Quijalvo
(Phone) 925-842-8602 / fax 925-842-1250
Laboratory Name: Sequoia Analytical
Laboratory Release Number:
Samples Collected by (Name): Jed Douglas
Collection Date:
Signature:

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	MTBE 8020 Confirm MTBE 8260	Total Lead 6010			Remarks
GP11-W		4	W	G	1400		Yes	X		P 107318			-01			X	X	X			Fax results to Chevron and G-R
GP12-W		4	W	G	1440		Yes	X					-02			X	X	X			
																					Please filter and preserve prior to lead analysis within 24 hours.

COOLER CUSTODY SEALS INTACT ☐
NOT INTACT ☐
COOLER TEMPERATURE 5.1 °C

TAT changed to 24hr 7/24/0 1045 by Jed Douglas
Analysis changed to dissolved Pb by 6010 per Jed Douglas 7/18/01

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	G-R	7/20/1815		Sequoia	7/17/01 1815
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time

Turn Around Time (Circle Choice)
24 Hrs.
48 Hrs.
5 Days
10 Days
As Contracted

Fax copy of Lab Report and COC to Chevron Contact: ☐ No

Chain-of-Custody-Record

Chevron U.S.A. Inc.
P.O. BOX 5004
San Ramon, CA 94583
FAX (415)842-9591

Chevron Facility Number: 21-0208
Facility Address: 6006 International, Oakland
Consultant Project Number: DG20208C.4C01
Consultant Name: Gettler-Ryan Inc.
Address: 1364 N. McDowell Blvd, B2, Petaluma
Project Contact (Name): Jed Douglas
(Phone) 707-789-3255 (Fax Number) 707-789-3218

Chevron Contact (Name): Tom Banks / Tony Quijalvo
(Phone) 925-842-8602 / fax 925-842-1250
Laboratory Name: Sequoia Analytical
Laboratory Release Number:
Samples Collected by (Name): Jed Douglas
Collection Date: 7-17-01
Signature: [signature]

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	MTBE 8020	Confirm MTBE 8260	Total Lead 6010			Remarks
6P11-W		4	W	G	1400		Yes	X								X	X	X			Fax results to Chevron and GR
6P12-W		4	W	G	1440		Yes	X								X	X	X			
																					Please filter and preserve prior to lead analysis within 24 hours

Revised 7-24-01 [initials]

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Turn Around Time (Circle Choice)
[signature]	GR	7/17/01/1815	[signature]	Sequoia	7/17/01 1815	(24 Hrs.) 48 Hrs. (struck) 5 Days (10 Days) As Contracted
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

7 August, 2001

Jed Douglas
Gettler - Ryan Inc.
1364 North Mc Dowell Blvd., Suite B2
Petaluma, CA 94954-1116

RE: Chevron
Sequoia Report: P107339

Enclosed are the results of analyses for samples received by the laboratory on 07/18/01 14:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angelee Cari

Angelee Cari
Client Services Representative

CA ELAP Certificate #2374

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc. 1364 North Mc Dowell Blvd., Suite B2 Petaluma CA, 94954-1116	Project: Chevron Project Number: 21-0208/ 6006 International, Oakland Project Manager: Jed Douglas	**Reported:** 08/07/01 14:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GP13-W	P107339-01	Water	07/18/01 08:00	07/18/01 14:40
GP14-W	P107339-02	Water	07/18/01 10:35	07/18/01 14:40
GP15-W	P107339-03	Water	07/18/01 09:30	07/18/01 14:40
GP16-W	P107339-04	Water	07/18/01 10:20	07/18/01 14:40
GP17-W	P107339-05	Water	07/18/01 11:40	07/18/01 14:40

Sequoia Analytical - Petaluma

Angelee Cari

Angelee Cari, Client Services Representative

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc. 1364 North Mc Dowell Blvd., Suite B2 Petaluma CA, 94954-1116	Project: Chevron Project Number: 21-0208/ 6006 International, Oakland Project Manager: Jed Douglas	**Reported:** 08/07/01 14:33

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP13-W (P107339-01) Water Sampled: 07/18/01 08:00 Received: 07/18/01 14:40									
Gasoline (C6-C12)	**57**	50	ug/l	1	1070544	07/25/01	07/25/01	EPA 8015M/8020M	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*105 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*65-135*		"	"	"	"	
GP14-W (P107339-02) Water Sampled: 07/18/01 10:35 Received: 07/18/01 14:40									
Gasoline (C6-C12)	**8100**	250	ug/l	5	1070544	07/23/01	07/23/01	EPA 8015M/8020M	
Benzene	**100**	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	**180**	2.5	"	"	"	"	"	"	
Xylenes (total)	**24**	2.5	"	"	"	"	"	"	
Methyl tert-butyl ether	**140**	12	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*84.0 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.3 %*	*65-135*		"	"	"	"	
GP15-W (P107339-03) Water Sampled: 07/18/01 09:30 Received: 07/18/01 14:40									
Gasoline (C6-C12)	**11000**	2500	ug/l	50	1070544	07/25/01	07/25/01	EPA 8015M/8020M	
Benzene	ND	25	"	"	"	"	"	"	
Toluene	ND	25	"	"	"	"	"	"	
Ethylbenzene	**43**	25	"	"	"	"	"	"	
Xylenes (total)	**48**	25	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	120	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*106 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*103 %*	*65-135*		"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/ 6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	08/07/01 14:33

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP16-W (P107339-04) Water Sampled: 07/18/01 10:20 Received: 07/18/01 14:40									
Gasoline (C6-C12)	**970**	50	ug/l	1	1070544	07/25/01	07/25/01	EPA 8015M/8020M	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**4.7**	0.50	"	"	"	"	"	"	
Xylenes (total)	**6.0**	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*96.7 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*107 %*	*65-135*		"	"	"	"	
GP17-W (P107339-05) Water Sampled: 07/18/01 11:40 Received: 07/18/01 14:40									
Gasoline (C6-C12)	ND	50	ug/l	1	1070544	07/23/01	07/23/01	EPA 8015M/8020M	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*106 %*	*65-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.7 %*	*65-135*		"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/ 6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	08/07/01 14:33

Dissolved Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP13-W (P107339-01) Water Sampled: 07/18/01 08:00 Received: 07/18/01 14:40									
Lead	ND	75	ug/l	1	1070506	07/24/01	07/25/01	EPA 6010B	
GP14-W (P107339-02) Water Sampled: 07/18/01 10:35 Received: 07/18/01 14:40									
Lead	ND	75	ug/l	1	1070506	07/24/01	07/25/01	EPA 6010B	
GP15-W (P107339-03) Water Sampled: 07/18/01 09:30 Received: 07/18/01 14:40									
Lead	ND	75	ug/l	1	1070506	07/24/01	07/25/01	EPA 6010B	
GP16-W (P107339-04) Water Sampled: 07/18/01 10:20 Received: 07/18/01 14:40									
Lead	ND	75	ug/l	1	1070506	07/24/01	07/25/01	EPA 6010B	
GP17-W (P107339-05) Water Sampled: 07/18/01 11:40 Received: 07/18/01 14:40									
Lead	ND	75	ug/l	1	1070506	07/24/01	07/25/01	EPA 6010B	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/ 6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	08/07/01 14:33

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP14-W (P107339-02) Water Sampled: 07/18/01 10:35 Received: 07/18/01 14:40									
Methyl tert-butyl ether	**120**	0.50	ug/l	1	1080015	08/01/01	08/01/01	EPA 8260B	E
Surrogate: Dibromofluoromethane		*103 %*	*88-118*		"	"	"	"	
GP14-W (P107339-02RE1) Water Sampled: 07/18/01 10:35 Received: 07/18/01 14:40									**HT-04**
Methyl tert-butyl ether	**140**	5.0	ug/l	10	1080031	08/02/01	08/02/01	EPA 8260B	
Surrogate: Dibromofluoromethane		*110 %*	*88-118*		"	"	"	"	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/ 6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	08/07/01 14:33

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1070544 - EPA 5030, waters										
Blank (1070544-BLK1)				Prepared & Analyzed: 07/23/01						
Gasoline (C6-C12)	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	*313*		"	*300*		*104*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*271*		"	*300*		*90.3*	*65-135*			
Blank (1070544-BLK2)				Prepared & Analyzed: 07/25/01						
Gasoline (C6-C12)	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	*319*		"	*300*		*106*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*296*		"	*300*		*98.7*	*65-135*			
LCS (1070544-BS1)				Prepared & Analyzed: 07/23/01						
Gasoline (C6-C12)	2460	50	ug/l	2750		89.5	65-135			
Benzene	37.4	0.50	"	32.0		117	65-135			
Toluene	186	0.50	"	193		96.4	65-135			
Ethylbenzene	50.7	0.50	"	46.0		110	65-135			
Xylenes (total)	230	0.50	"	231		99.6	65-135			
Methyl tert-butyl ether	60.8	2.5	"	52.0		117	65-135			
Surrogate: a,a,a-Trifluorotoluene	*326*		"	*300*		*109*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*288*		"	*300*		*96.0*	*65-135*			

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/ 6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	08/07/01 14:33

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1070544 - EPA 5030, waters										
LCS (1070544-BS2)				Prepared & Analyzed: 07/25/01						
Gasoline (C6-C12)	2280	50	ug/l	2750		82.9	65-135			
Benzene	41.6	0.50	"	32.0		130	65-135			
Toluene	191	0.50	"	193		99.0	65-135			
Ethylbenzene	47.0	0.50	"	46.0		102	65-135			
Xylenes (total)	229	0.50	"	231		99.1	65-135			
Methyl tert-butyl ether	52.9	2.5	"	52.0		102	65-135			
Surrogate: a,a,a-Trifluorotoluene	*356*		"	*300*		*119*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*311*		"	*300*		*104*	*65-135*			
Matrix Spike (1070544-MS1)		**Source: P107315-38**		Prepared & Analyzed: 07/23/01						
Gasoline (C6-C12)	2210	50	ug/l	2750	ND	80.4	65-135			
Benzene	42.6	0.50	"	32.0	ND	133	65-135			
Toluene	190	0.50	"	193	ND	98.4	65-135			
Ethylbenzene	49.9	0.50	"	46.0	ND	108	65-135			
Xylenes (total)	235	0.50	"	231	ND	102	65-135			
Methyl tert-butyl ether	60.5	2.5	"	52.0	ND	115	65-135			
Surrogate: a,a,a-Trifluorotoluene	*342*		"	*300*		*114*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*282*		"	*300*		*94.0*	*65-135*			
Matrix Spike Dup (1070544-MSD1)		**Source: P107315-38**		Prepared & Analyzed: 07/23/01						
Gasoline (C6-C12)	2330	50	ug/l	2750	ND	84.7	65-135	5.29	20	
Benzene	40.1	0.50	"	32.0	ND	125	65-135	6.05	20	
Toluene	176	0.50	"	193	ND	91.2	65-135	7.65	20	
Ethylbenzene	48.0	0.50	"	46.0	ND	104	65-135	3.88	20	
Xylenes (total)	218	0.50	"	231	ND	94.4	65-135	7.51	20	
Methyl tert-butyl ether	61.2	2.5	"	52.0	ND	117	65-135	1.15	20	
Surrogate: a,a,a-Trifluorotoluene	*315*		"	*300*		*105*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*286*		"	*300*		*95.3*	*65-135*			

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/ 6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	08/07/01 14:33

Dissolved Metals by EPA 6000/7000 Series Methods - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1070506 - EPA 3005A										
Blank (1070506-BLK1)				Prepared: 07/24/01 Analyzed: 07/25/01						
Lead	ND	75	ug/l							
LCS (1070506-BS1)				Prepared: 07/24/01 Analyzed: 07/25/01						
Lead	542	75	ug/l	500		108	80-120			
Matrix Spike (1070506-MS1)		**Source: P107339-01**		Prepared: 07/24/01 Analyzed: 07/25/01						
Lead	510	75	ug/l	500	ND	102	75-125			
Matrix Spike Dup (1070506-MSD1)		**Source: P107339-01**		Prepared: 07/24/01 Analyzed: 07/25/01						
Lead	524	75	ug/l	500	ND	105	75-125	2.71	20	

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/ 6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	08/07/01 14:33

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1080015 - EPA 5030 waters										
Blank (1080015-BLK1)				Prepared & Analyzed: 08/01/01						
Methyl tert-butyl ether	ND	0.50	ug/l							
Surrogate: Dibromofluoromethane	*5.05*		"	*5.00*		*101*	*88-118*			
LCS (1080015-BS1)				Prepared & Analyzed: 08/01/01						
Methyl tert-butyl ether	0.942	0.50	ug/l	1.00		94.2	79-118			
Surrogate: Dibromofluoromethane	*5.21*		"	*5.00*		*104*	*88-118*			
Matrix Spike (1080015-MS1)		**Source: P107504-02**		Prepared & Analyzed: 08/01/01						
Methyl tert-butyl ether	0.978	0.50	ug/l	1.00	ND	97.8	79-118			
Surrogate: Dibromofluoromethane	*5.26*		"	*5.00*		*105*	*88-118*			
Matrix Spike Dup (1080015-MSD1)		**Source: P107504-02**		Prepared & Analyzed: 08/01/01						
Methyl tert-butyl ether	1.02	0.50	ug/l	1.00	ND	102	79-118	4.20	20	
Surrogate: Dibromofluoromethane	*5.49*		"	*5.00*		*110*	*88-118*			
Batch 1080031 - EPA 5030 waters										
Blank (1080031-BLK1)				Prepared & Analyzed: 08/01/01						
Methyl tert-butyl ether	ND	0.50	ug/l							
Surrogate: Dibromofluoromethane	*5.05*		"	*5.00*		*101*	*88-118*			
Blank (1080031-BLK2)				Prepared & Analyzed: 08/02/01						
Methyl tert-butyl ether	ND	0.50	ug/l							
Surrogate: Dibromofluoromethane	*5.30*		"	*5.00*		*106*	*88-118*			
LCS (1080031-BS1)				Prepared & Analyzed: 08/01/01						
Methyl tert-butyl ether	0.942	0.50	ug/l	1.00		94.2	79-118			
Surrogate: Dibromofluoromethane	*5.21*		"	*5.00*		*104*	*88-118*			

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/ 6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	08/07/01 14:33

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1080031 - EPA 5030 waters										
LCS (1080031-BS2)				Prepared & Analyzed: 08/02/01						
Methyl tert-butyl ether	1.07	0.50	ug/l	1.00		107	79-118			
Surrogate: Dibromofluoromethane	*5.44*		"	*5.00*		*109*	*88-118*			
Matrix Spike (1080031-MS1)		**Source: P107335-32**		Prepared & Analyzed: 08/02/01						
Methyl tert-butyl ether	5.78	0.50	ug/l	5.00	ND	116	79-118			
Surrogate: Dibromofluoromethane	*5.54*		"	*5.00*		*111*	*88-118*			
Matrix Spike Dup (1080031-MSD1)		**Source: P107335-32**		Prepared & Analyzed: 08/02/01						
Methyl tert-butyl ether	5.89	0.50	ug/l	5.00	ND	118	79-118	1.89	20	
Surrogate: Dibromofluoromethane	*5.49*		"	*5.00*		*110*	*88-118*			

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler - Ryan Inc.	Project: Chevron	
1364 North Mc Dowell Blvd., Suite B2	Project Number: 21-0208/ 6006 International, Oakland	**Reported:**
Petaluma CA, 94954-1116	Project Manager: Jed Douglas	08/07/01 14:33

Notes and Definitions

E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.
HT-04	This sample was analyzed beyond the EPA recommended holding time. The results may still be useful for their intended purpose.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Fax copy of Lab Report and COC to Chevron Contact: ☒ No

Chain-of-Custody-Record

Chevron U.S.A. Inc.
P.O. BOX 5004
San Ramon, CA 94583
FAX (415)842-9591

Chevron Facility Number: 21-0208
Facility Address: 6006 International, Oakland
Consultant Project Number: 06-20208C.4C01
Consultant Name: Getler-Ryan Inc.
Address: 1364 N. McDowell Blvd, B2, Petaluma
Project Contact (Name): Jed Douglas
(Phone) 707-789-3255 (Fax Number) 707-789-3218

Chevron Contact (Name): Tom Bacchs / Tony Quijalvo
(Phone) 925-842-8602 / fax 925-842-1250
Laboratory Name: Sequoia Analytical
Laboratory Release Number:
Samples Collected by (Name): Jed Douglas
Collection Date: 7-18-01
Signature:

Analyses To Be Performed

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	MTBE 8020 Confirm MTBE 8260	Total Lead 6010 Passed			Remarks
GP13-W		4	W	G	0800		Yes	X		P107339-01						X	X	X		Fax results to Chevron and G-R
GP14-W		|	|	|	1035		|	X				-02			X	X	X			
GP15-W		|	|	|	0930		|	X				-03			X	X	X			
GP16-W		|	|	|	1020		|	X				-04			X	X	X			
GP17-W		V	V	V	1140		V	X				V	-05			X	X	X			Please filter and preserve prior to lead analysis within 24 hours.

COOLER CUSTODY SEALS INTACT ☐ N/A
NOT INTACT ☐
COOLER TEMPERATURE 5.6 °C

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	G-R	7-18-01/1440			
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
					7/18/01 @1440

Turn Around Time (Circle Choice)
24 Hrs.
48 Hrs.
5 Days
10 Days
As Contracted

APPENDIX D

SOIL COMPACTION REPORT

TESTING ENGINEERS, INC.

INSPECTION REPORT

WORK REQ.#D2889

PROJECT #: 34741/3583

TYPE OF INSPECTION: Nuclear Density

PROJECT: Gettler & Ryan, Misc.
6001 International, Oakland

PLACE OF INSPECTION: Jobsite

DATE: 8-7-01

HOURS: 8

INSPECTOR: Cottom

REPORTED TO: Ron

COMPANY: Gettler & Ryan

FEATURE: Tank excavation backfill

FIELD TEST PROCEDURE: ASTM D2922 & D3017

LABORATORY TEST PROCEDURE: ASTM D1557

MATERIAL DESCRIPTION	MOISTURE %	MAX. DENSITY PCF	LABORATORY REF. NO.
1. Light brown sandy silty gravel - ¾" ABB - Hansen, Pleasanton	5.4	2.24	DL1016

FIELD TEST RESULTS

LOCATION	ELEVATION	CURVE NO.	FIELD DENSITY PCF	FIELD MOISTURE %	RELATIVE COMP. %	PROJECT SPECIFIED %
1. 4' from E and 5' from S edges of tank pit	-5' FG	1	2.13	5.2	95	90
2. 5' from E and 32' from S edges of tank pit	-5' FG	1	2.08	4.8	93	90
3 6' from E and 1.5' from S edges of tank pit	-4.5' FG	1	2.07	6.8	92	90
4. 10.5' from E and 22' from S edges of tank pit	-4.5' FG	1	2.09	4.8	93	90
5. 3' from E and 7' from S edges of tank pit	-4' FG	1	2.11	4.7	94	90
6. 2' from E and 25' from S edges of tank pit	-4' FG	1	2.17	6.5	97	90
7. 8' from E and 4' from S edges of tank pit	-3.5' FG	1	2.18	5.5	97	90
8. 8' from E and 27' from S edges of tank pit	-3.5' FG	1	2.26	7.1	100	90
9. 7' from E and 8' from S edges of tank pit	-2.5' FG	1	2.07	7.2	92	90
10. 3' from E and 16' from S edges of tank pit	-2.5' FG	1	2.19	5.9	98	90
11 6' from E and 3' from S edges of tank pit	-1.5' FG	1	2.13	5.2	95	90
12. 5' from E and 35' from S edges of tank pit	-1.5' FG	1	2.11	7.6	94	90
13. 3' from E and 4' from S edges of tank pit	-0.5' FG	1	2.11	4.7	94	90
14. 9' from E and 25' from S edges of tank pit	-0.5' FG	1	2.14	8.9	96	90
15. 4' from E and 12' from S edges of tank pit	FG	1	2.16	6.5	96	95
16. 10' from E and 35' from S edges of tank pit	FG	1	2.20	7.3	98	95

NOTE: Test results constitute the reporting of factual information derived from test(s) made by our laboratory following prescribed procedures. These test results should not be considered as an engineering opinion with respect thereto.

APPENDIX E

WASTE DISPOSAL CONFIRMATION

CUSTOMER ACTIVITY REPORT
From: Jul 01, 2001 To: Aug 12, 2001
Specified Customer: 1003

Facility: All Facilities — DETAILED REPORT

Ticket Date	Ticket Number	Contract	Truck ID	Material	Material Rate	Billing Quantity
001003-0000 - CHEVRON, USA						
08-07-01 I	023465-00	1003#	MAN M19	CLASS II SOIL		16.73 TN
08-07-01 I	023486-00	1003#	MAN S32	CLASS II SOIL		16.48 TN
08-07-01 I	023487-00	1003#	MAN S30	CLASS II SOIL		16.17 TN
08-07-01 I	023513-00	1003#	MAN M97	CLASS II SOIL		24.11 TN
08-07-01 I	023514-00	1003#	MAN S21	CLASS II SOIL		22.07 TN
08-07-01 I	023531-00	1003#	SPIRIT 00	CLASS II SOIL		20.60 TN
08-07-01 I	023613-00	1003#	MAN M19	CLASS II SOIL		16.02 TN
08-07-01 I	023657-00	1003#	MAN S32	CLASS II SOIL		17.26 TN
08-07-01 I	023658-00	1003#	MAN S30	CLASS II SOIL		15.14 TN
08-07-01 I	023669-00	1003#	MAN M97	CLASS II SOIL		6.12 TN

Tickets Reported: 10

CUSTOMER TOTALS:

Material Summary	Inbound Weight	Inbound Volume	Outbound Weight	Outbound Volume	Billing Quantity
11 - CLASS II SOIL	174.70 TN	180.00 YD	0.00 TN	0.00 YD	174.70 TN