GETTLER-RYAN INC.

Ro 233

TRANSMITTAL

TO: Ms. Karen Streich
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583

DATE: May 3, 2002
PROJ. #: DG94612G.4C01
SUBJECT: Report
Fmr Chevron SS# 9-4612
3616 San Leandro St.
Oakland, California

MAY 07 2002

FROM:
Geoffrey D. Risse
Project Geologist
Gettler-Ryan Inc.
3140 Gold Camp Drive, Suite 170
Rancho Cordova, California 95670

WE ARE SENDING YOU:

COPIES	DATED	DESCRIPTION
1	May 3, 2002	Additional Site Investigation Report, Fmr Chevron SS# 9-4612

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COMMENTS:

On your behalf, Delta Environmental Consultants Inc. network associate Gettler-Ryan Inc. will also be submitting a copy of the above referenced report to the following:

Mr. Barney Chan, Alameda County Health Care Services Agency-Environmental Health Dept., 1131 Harbor Bay Parkway, Ste. 250, Alameda, CA 94502
Mr. Tom Bauhs, Chevron Products Company, P.O. Box 6004, San Ramon, CA 94583
Mr. Jim Brownell, Delta Environmental Consultants Inc., 3164 Gold Camp Dr., Ste. 200, Rancho Cordova, CA 95670
Mr. Terry McIlraith, 407 Castello Rd., Lafayette, CA 94549
Mr. Leonard Ratto, Ratto Land Company, P.O. Box 6104, Oakland, CA 94603

If you have any questions please call us in Rancho Cordova at 916.631.1300

RO233

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ADDITIONAL SITE INVESTIGATION REPORT

at
Former Chevron Service Station No. 9-4612
3616 San Leandro Street
Oakland, California

Report No. DG94612G.4C01
Delta Project No. DG94-612-G

Prepared for:

Ms. Karen Streich
Chevron Products Company
P.O. Box 2400
San Ramon, California 94568

Prepared by:

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REGISTERED GEOLOGIST
DAVID W. HERZOG
No. 7211
STATE OF CALIFORNIA

May 3, 2001

TABLE OF CONTENTS

TABLES

FIGURES

APPENDICES

ADDITIONAL SITE INVESTIGATION REPORT

At

Former Chervon Service Station No. 9-4612
3616 San Leandro Street
Oakland, California

Report No. DG94612G.4C01
Delta Project No. DG94-612-G

INTRODUCTION

This report presents the results of an additional site investigation performed by Delta Environmental Consultants Inc. network associate Gettler-Ryan Inc. (GR) at the above referenced site. The purpose of this work is to delineate the extent of the petroleum hydrocarbon plume to the north, south, and east of the former gasoline underground storage tanks (USTs) and to evaluate if utility trenches in the site vicinity are acting as preferential pathways for hydrocarbon migration. The scope of work performed included: updating the site safety plan; obtaining drilling permits from the Alameda County Public Works Agency (ACPWA) and encroachment permits from the City of Oakland; advancing three on-site Geoprobe soil borings and hand augering three off-site soil borings; collecting soil and grab groundwater samples from the soil borings; analyzing selected soil and groundwater samples; and preparing a report documenting the work performed. The scope of work performed during this investigation was originally proposed in GR report #346473.04-1, *Site Conceptual Model*, dated December 14, 2000, and was subsequantly approved by the Alameda County Health Care Services Agency-Environmental Health Department (ACHCSA-EHD) in a letter dated March 15, 2001.

SITE DESCRIPTION

The site is located on the northwestern corner of the intersection of San Leandro Street and 37th Avenue in Oakland, California (Figure 1). All former station facilities including station building, gasoline USTs and associated product lines, one waste oil UST, and two dispenser islands have been removed from the site. Currently a warehouse occupies the western portion of the site while the eastern portion is fenced vacant land. Pertinent former and current site features are shown on Figure 2.

The subject site is located on the East Bay Plain, approximately 0.5 mile northeast of Oakland-Alameda Estuary. The local topography is relatively flat at an elevation of approximately 68 feet above mean sea level (MSL). As mapped by E.J. Helley and others (1979, Flatland Deposits of the San Francisco Bay Region, California: U.S. Geological Survey Professional Paper 943), deposits in the site vicinity are Holocene-age Bay Mud consisting of unconsolidated saturated dark plastic carbonaceous clay and silty clay. These materials are underlain by late Pleistocene-age alluvium consisting of weakly consolidated slightly weathered poorly sorted irregularly interbedded clay, silt, sand, and gravel.

The nearest surface water is Oakland-Alameda Estuary located approximately 0.5-mile southwest of the site. Based on groundwater monitoring data, the groundwater flow direction in the vicinity of the site is toward the southwest.

PREVIOUS ENVIRONMENTAL ACTIVITIES

1976 September – All aboveground and underground station structures including a station building, three gasoline USTs, one waste oil UST and two dispenser islands were removed.

1988: March – Rogers/Pacific drilled three geotechnical borings (B-1 through B-3). A strong gasoline odor was detected in borings B-1 and B-2 at 20 feet below ground surface (bgs). August – Vonder Haar Hydrogeology (VHH) installed one groundwater monitoring well (VH-1; VHH Well Installation Report dated September 16, 1988).

1993: February – Groundwater Technology Inc. (GTI) installed two groundwater monitoring wells (MW-2 and MW-3). A well and utility survey were also performed. Well and utility survey results are presented in Getter-Ryan Inc. (GR), *Site Conceptual Model* dated December 14, 2000 (GR Report No. 346473.04-1).

1995: August – GTI installed one groundwater monitoring well and drilled one soil boring (MW-4 and SB-1).

1999: February – GR advanced two Geoprobe borings to collect soil vapor samples (VB-1 and VB-2; GR *Limited Soil Vapor Survey Report* dated March 31, 1999, GR Report No. 346473.01).

2000: December – GR prepared and submitted a Site Conceptual Model report. This report summarized current site conditions, conclusions, and recommendations (GR Report No. 346473.04-1)

Discussion

Impacted native soil beneath the site is centered in the vicinity of the former USTs from approximately 5 to 21 feet bgs. Historical soil analytical data are presented in Table 1.

Boring logs from previous environmental investigations indicate that native soil beneath the site consists of clay and silt overlying a coarser unit consisting of silty sand and gravel. Groundwater is first encountered at a depth of approximately 8.5 feet bgs.

The analytical results from the soil vapor survey were compared to the listed permissible exposure limit (PEL) found in the NIOSH Guide to Chemical Hazards. The reported results are less than the listed PELs for each detected compound. This indicates that the concentrations of hydrocarbon vapors do not appear to pose a threat to human health or the environmental

Groundwater monitoring and sampling has been conducted quarterly since August 1988. During the monitoring and sampling event on November 12, 2001 methyl tert-butyl ether (MTBE) was reported in wells VH-1, MW-2 and MW-3 at concentrations of 81, 98, and 46 parts per billion (ppb), respectively. Total Petroleum Hydrocarbons as gasoline (TPHg) were reported in wells VH-1 and MW-2 through MW-4 at concentrations of 220, 7,000, 3,100, 93 ppb, respectively. Benzene was reported in wells VH-1, MW-2, and MW-3 at concentrations of 1.2, 29, and 3.6 ppb, respectively. Depth to water during this monitoring event ranged from 10.41 to 11.45 feet below top of casing, and groundwater flow was to the southwest at a gradient of approximately 0.01, which is consistent with historical data.

FIELD ACTIVITIES

To further delineate the extent of the petroleum hydrocarbon plume to the north, south and east, GR supervised the advancement of three soil borings at the locations shown on Figure 2. Field work was performed in accordance with GR's Site Safety Plan dated July 2, 2001. GR Field Methods and Procedures are included in Appendix A. Underground Service Alert was notified prior to beginning site activities. The soil borings were advanced by Gregg Drilling and Testing Inc. (C57 #485165) under ACPWA permit no. W01-431 (Appendix B).

Soil borings GP-1 through GP-3 were advanced at the subject site on July 3, 2001. Soil boring GP-1 was advanced to a depth of 16 feet below ground surface (bgs), the point of rig refusal. Soil borings GP-2 and GP-3 were advanced to a depth of 16 feet bgs, the point of rig refusal. Soil borings were advanced using 2-inch diameter Geoprobe direct push technology. A GR geologist observed the boring activities. Soil samples were collected from the soil borings for description and preparation of a log, and for possible chemical analysis. Groundwater was not encountered in any of the borings. Boring logs are included in Appendix C. Locations of the soil borings are shown on Figure 2.

The borings were abandoned by grouting the borings with neat cement containing 5% bentonite powder to one foot below surface grade. The top one-foot of each boring was backfilled with native material.

Since the soil boring were advanced using Geoprobe direct push technology, no soil cuttings or steam cleaning rinsate water was generated during this investigation.

To delineate the extent of the petroleum hydrocarbon plume southwest of the site, and evaluate if the adjacent utility trenches act as preferential pathway for plume migration, GR hand augered three off-site soil borings in San Leandro Street. Field work was performed in accordance with GR's Site Safety Plan dated March 4, 2002. GR Field Methods and Procedures are included in Appendix A. GR (C-57 no. 220793) advanced the hand augered borings under City of Oakland encroachment permit and excavation permit No. X0101873 and ACPWA drilling permit No.W02-0151 (Appendix B). Underground Service Alert was notified prior to beginning site activities. Despite numerous attempts (letters and telephone calls) to contact the owner of the adjacent residential building located west of the site; GR was unable to obtain access to advance the two proposed hand auger borings between the warehouse and the residential building (Figure 2).

On March 5, 2002, three soil boring were advanced (HA-1 through HA-3) adjacent to the utility trenches in San Leandro Street. Borings HA-1 and HA-3 were advanced to a depth of 10 feet bgs. Boring HA-2 was advanced to a depth of 9.5 feet bgs. The borings were advanced using a 3-inch diameter hand auger. Soil samples were collected using a slide hammer. A GR geologist performed the field activities. Soil samples were collected from the borings at five feet bgs for description and preparation of a log, and for chemical analysis. Grab groundwater samples were also collected from borings HA-1 through HA-3. Boring logs are included in Appendix C. Locations of the soil borings are shown on Figure 2. Borings were backfilled with the excavated soil and completed to ground surface per encroachment permit requirements

RESULTS OF THE SUBSURFACE INVESTIGATION

Soil encountered during this investigation consisted of clay, clay with sand, clayey sand, sand with clay and poorly graded sand. Clay and clay with sand was encountered in soil borings HA-1 and HA-3 to total depth explored. Clay and clayey sand were encountered in soil boring HA-2 to total depth explored. Clay was encountered in boring GP-1 to a depth of 9 feet bgs. Poorly graded sand was encountered from 9 feet bgs to total depth explored in boring GP-1. Clay was encountered in soil boring GP-2 to total depth explored with a lens of poorly graded sand from approximately 3 to 7 feet bgs. Poorly graded sand was encountered in soil boring GP-3 to 13 feet bgs, and clay was encountered below the sand unit to total depth explored. Detailed descriptions of the soil encountered in the borings are presented on the boring logs in Appendix C.

CHEMICAL ANALYTICAL RESULTS

A total of nine soil samples from the soil borings and three grab groundwater samples were submitted under chain-of-custody for chemical analysis. Analyses were performed by Sequoia Analytical (ELAP #1271 and #1624) and Lancaster Laboratories (ELAP #2116). Copies of the laboratory reports and chain-of-custody forms are included in Appendix D. Soil and groundwater chemical analytical data are summarized in Tables 2 and 3, respectively.

Chemical Analytical Procedures

The soil and groundwater samples were analyzed for TPHg by EPA Method 8015 Modified, and for BTEX by EPA Method 8021B. Soil samples collected from the on-site Geoprobe boring were analyzed from MtBE by EPA Method 8260B, and the soil and grab groundwater samples from the off-site hand auger borings were analyzed for MtBE by EPA Method 8021B.

Soil Analytical Results

Soil samples collected from borings GP-1, GP-2, GP-3, HA-1, HA-2, and HA-3 were non-detect for TPHg, benzene, and MtBE.

Groundwater Analytical Results

The grab groundwater samples collected from boring HA-1, HA-2 and HA-3 were non detect for TPHg, benzene, and MtBE.

DISCUSSION

TPHg, benzene, and MtBE were not detected in soil and groundwater samples collected during this investigation. Based on the results of this and previous investigations, residual hydrocarbons are delineated with concentrations in soil restricted to a small area around the former gasoline USTs. Also, dissolved hydrocarbons are delineated downgradient of the former USTs and dispensers. The underground utility trenches (sanitary sewer and gas lines) beneath San Leandro Street do not appear to be acting as preferential pathways. Groundwater sampling data suggests that the dissolved hydrocarbon plume is stable, but has not attenuated significantly since the mid 1990s. The presence of MtBE and concentrations of benzene compared to ethylbenzene and xylenes suggest a more recent release, possibly within the last five years. GR is preparing a RBCA to assess potential threats to human health and the environmental. No further subsurface assessment is warranted at this time.

Table 1
Historical Soil Chemical Analytical Results
Former Chevron Service Station No. 9-4612
3616 San Leandro Street
Oakland, California

Sample ID	Sample Depth (feet)	Sample Date	TPHg (ppm)	B (ppm)	T (ppm)	E (ppm)	X (ppm)	Lead (ppm)
VH-1	20.5	8/10/88	<0.5	0.042	<0.005	<0.005	<0.005	6.0
VH-1	25.5	8/10/88	<0.5	0.036	<0.005	<0.005	<0.005	6.0
MW-2	5.0	2/1/93	<1.0	<0.005	<0.005	<0.005	<0.005	NA
MW-2	10	2/1/93	<1.0	<0.005	<0.005	<0.005	<0.005	NA
MW-3	5.0	2/1/93	<1.0	<0.005	<0.005	<0.005	<0.005	NA
MW-3	10	2/1/93	<1.0	<0.005	<0.005	<0.005	<0.005	NA
MW 4-16.5	16.5	8/15/95	<1.0	<0.005	<0.005	<0.005	<0.005	NA
MW 4-21.5	21.5	8/15/95	2.0	<0.005	0.014	0.007	0.01	NA
SB 1-21.5	21.5	8/15/95	16	<0.005	0.12	0.21	1.1	NA

EXPLANATIONS
NA = Not Analyzed
ppm = parts per million
TPHg = Total Petroleum Hydrocarbons as gasoline
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MtBE = Methyl tert-butyl ether

Table 2
Soil Chemical Analytical Results
Former Chevron Service Station No. 9-4612
3616 San Leandro Street
Oakland, California

Sample ID	Sample Depth (feet)	Sample Date	TPHg (ppm)	B (ppm)	T (ppm)	E (ppm)	X (ppm)	MtBE (ppm)
GP1-6	6	7/3/01	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.20
GP1-9	9	7/3/01	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.20
GP2-6	6	7/3/01	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.20
GP2-8.5	8.5	7/3/01	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.20
GP3-5.5	5.5	7/3/01	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.20
GP3-8.5	8.5	7/3/01	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.20
HA1-5	5.0	3/5/02	<1.0	<0.0050	0.0098	0.016	0.089	<0.050
HA2-5	5.0	3/5/02	<1.0	<0.0050	<0.0050	<0.0050	<0.015	<0.050
HA3-5	5.0	3/5/02	<1.0	<0.0050	<0.0050	<0.0050	<0.015	<0.050

Explanation
ppm = parts per million
MtBE = Methyl-tert Butyl Ether
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
TPHg = Total Petroleum Hydrocarbons as gasoline

Analytical Laboratory
GPs: Sequoia Analytical (ELAP# 1271)
HAs: Lancaster Laboratories (ELAP# 2116)

Analytical Methods
GPs: TPHg/BTEX by DHS LUFT Methods
MtBE by EPA Method 8206B
HAs: TPHg/BTEX/MtBE by EPA Methods 8015M/8021B

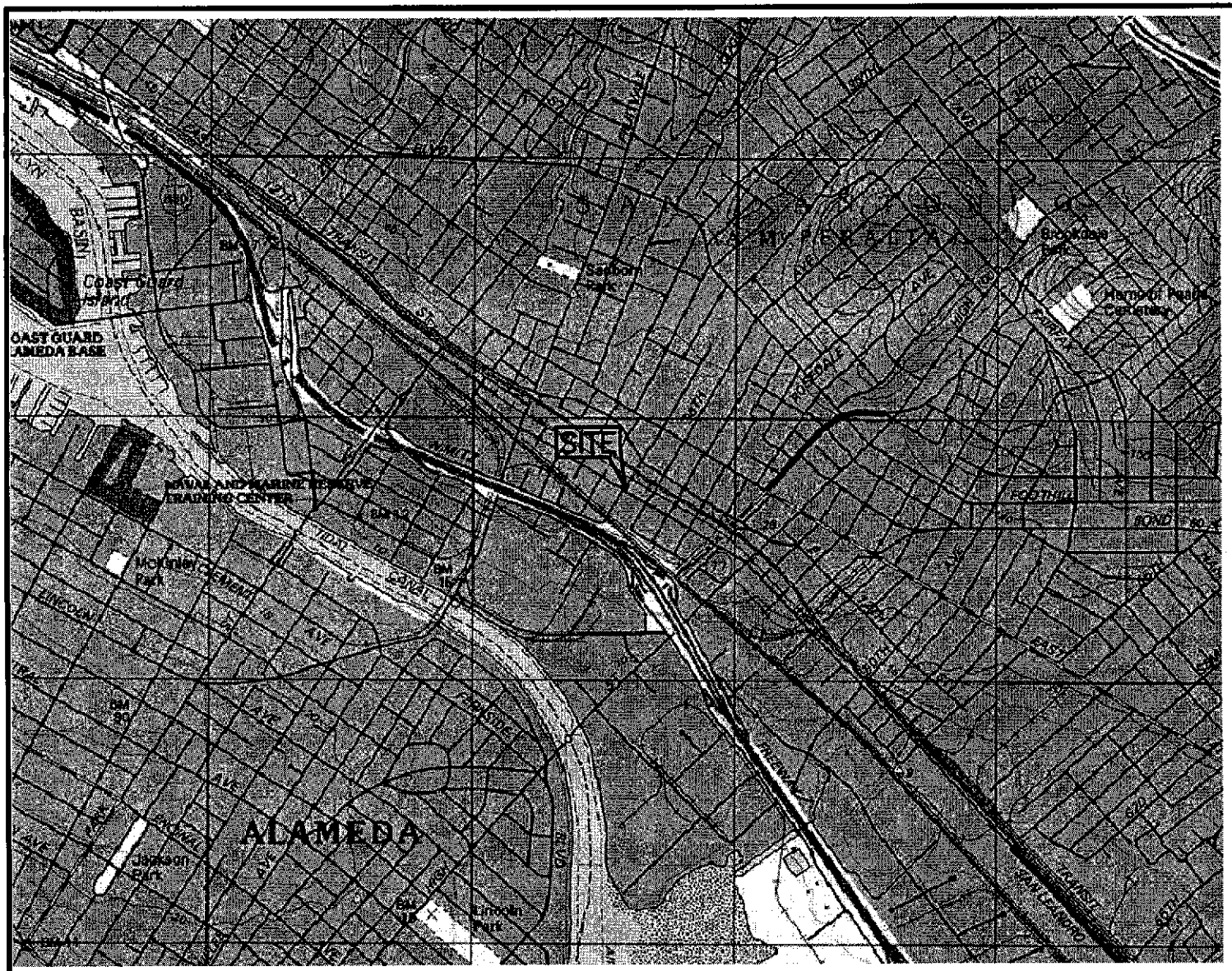
Table 3
Groundwater Chemical Analytical Results
Former Chevron Service Station No. 9-4612
3616 San Leandro Street
Oakland, California

Sample ID	Sample Date	TPHg (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MtBE (ppb)
HA-1	3/5/02	<50	<0.50	<0.50	<0.50	<1.5	<2.5
HA-2	3/5/02	<50	<0.50	<0.50	<0.50	<1.5	<2.5
HA-3	3/5/02	<50	<0.50	<0.50	<0.50	<1.5	<2.5

Explanation
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
ppm = parts per million
MtBE = Methyl-tert Butyl Ether
TPHg = Total Petroleum Hydrocarbons as gasoline

Analytical Laboratory
Lancaster Laboratories (ELAP# 2116)

Analytical Methods
TPHg/BTEX/MtBE: EPA Methods 8015M/8021B



Source: National Geographic California Seamless USGS Topographic Maps on CD-ROM.

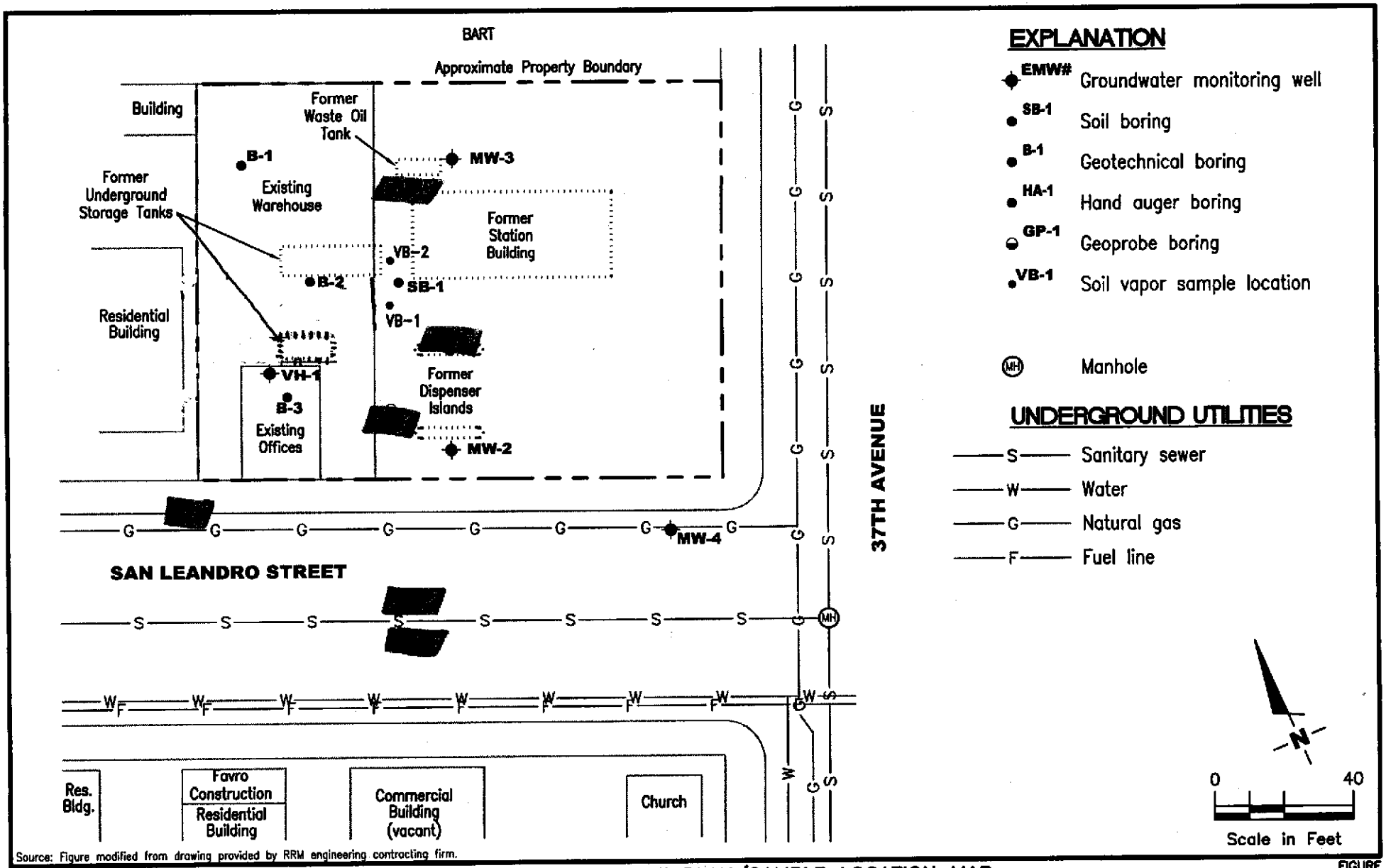
GETTLER-RYAN INC.
6747 Sierra Ct., Suite J
Dublin, CA 94568 (925) 551-7555

VICINITY MAP
Former Chevron Service Station No. 9-4612
3616 San Leandro Street
Oakland, California

FIGURE
1

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
DG94612G.4C01		3/02	

FILE NAME: P:\ENVIRO\CHEVRON\9-4612\VIC-9-4612.DWG | Layout Tab: Vic Map



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

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

SITE PLAN/SAMPLE LOCATION MAP
Former Chevron Service Station No. 9-4612
3616 San Leandro Street
Oakland, California

FIGURE
2

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
DG94612G.4C01		3/02	

FILE NAME: P:\ENVIRO\CHEVRON\9-4612\A02-9-4612.DWG | Layout Tab: Sampling Rpt. 3-02

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 contents of these plans 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

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 obtained with a Geoprobe® rig are collected from the soil boring with a split-barrel sampling device fitted with 1.5-inch-diameter, clean brass tubes. The Geoprobe® drives the sampling device approximately 24 inches, and the filled sampler is then retrieved from the boring. The encountered soils are described using the Unified Soil Classification System (ASTM 2488-84) and the Munsell Soil Color Chart or GSA Rock Color Chart.

After removal from the sampling device, soil samples for chemical analysis are covered on both ends with teflon sheeting, capped, labeled, and place 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 placing a plastic cap over the end of the tube and allowing the sample to sit for several minutes. The PID probe is then inserted through a hole in the cap and the atmosphere within tested. 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.

Grab Groundwater Sampling

Grab samples of groundwater are collected from the boring using a parastaltic pump or micro-bailer. With the parastaltic pump, new Tygon® tubing is placed in the pump prior to collection of each sample. The tubing is

lowered into the boring through the GeoProbe equipment after groundwater has been allowed to collect. The parastaltic pump is used to evacuate water from the boring where it is discharged to laboratory-supplied containers appropriate for the anticipated analyses. With the micro-bailer, the cleaned bailer is lowered through the GeoProbe equipment into the groundwater. The bailer is allowed to fill, then is brought to the surface where the water is decanted into the sample container. The micro-bailer may also consist of a clean piece of tubing with a check valve at the bottom. The tubing is pumped up and down to bring the water sample to the surface and discharge the sample to the appropriate container.

Following collection of the groundwater sample, the sample bottles are then labeled and placed in chilled storage for transport to the analytical laboratory. A chain-of-custody form is initiated in the field and accompanies the groundwater samples to the analytical laboratory.

Soil Vapor Sampling

Soil vapor samples are collected by advancing the Geoprobe® to a discrete depth. Once the desired depth is attained, a 1/4-inch polyethylene tubing is threaded through the inside diameter of the drive rods and connected either to a tedlar bag or summa canister. The bottom portion of the drive rod is retracted and a vacuum is induced to purge a soil vapor sample. Used tubing is discarded after each sample.

GETTLER-RYAN INC.

FIELD METHODS AND PROCEDURES
HAND-AUGERED BORINGS

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 contents of these plans 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

Hand-augered soil borings are drilled by a California-licensed well driller. A GR geologist is present to observe the drilling, collect soil samples for description and chemical analysis, and prepare a log the exploratory soil boring. Soil samples are collected from the boring with a hand-driven sampling device fitted with a 2-inch diameter, clean brass tube or stainless steel liner. After removal from the sampling device, soil samples are covered on both ends with Teflon sheeting, capped, labeled, and place 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.

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 placing a small amount of the soil to be screened in a sealed plastic bag. The bag is warmed in the sun to allow organic compounds in the soil sample to volatilize. The PID probe is inserted through the wall of the bag and into the headspace inside, and the meter reading is recorded in the field notes. Head-space screening is performed and results recorded as reconnaissance data only. GR does not consider field screening techniques to be verification of the presence or absence of hydrocarbons.

Grab Groundwater Sampling

Grab samples of groundwater are collected from the boring using a bailer. The groundwater sample is decanted into laboratory-supplied containers appropriate for the anticipated analyses. Sample bottles are then labeled and placed in chilled storage for transport to the analytical laboratory. A chain-of-custody form is initiated in the field and accompanies the groundwater samples to the analytical laboratory.

Storing and Sampling of Soil Stockpiles

Excavated material is stockpiled on and covered with plastic sheeting. Stockpile samples are collected and analyzed for disposal classification on the basis of one composite sample per 100 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 12 to 18 inches of soil, and then driving the stainless steel or brass sample tube into the stockpiled material with a 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.

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 San Leandro Street
Near 37th Avenue/36th
San Leandro Street

CLIENT
Name Chevron Product Company
Address P.O. Box 2400 Phone (925) 842-8898
City San Ramon Zip 94568

APPLICANT
Name Gettler-Ryan Inc
Address 3140 Gold Camp Dr. Ste 170 Phone (916) 631-1300 Fax (916) 631-1317
City Rancho Cordova Zip 95670

TYPE OF PROJECT

Well Construction		Geotechnical Investigation	
Cathodic Protection	☐	General	☐
Water Supply	☐	Contamination	☑
Monitoring	☐	Well Destruction	☐

PROPOSED WATER SUPPLY WELL USE

New Domestic	☐	Replacement Domestic	☐
Municipal	☐	Irrigation	☐
Industrial	☐	Other	☐

DRILLING METHOD:

Mud Rotary	☐	Air Rotary	☐	Auger	☐
Cable	☐	Other	☑	Hand Auger	

DRILLER'S NAME Gettler Ryan
DRILLER'S LICENSE NO. 720793

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 3 Maximum
Hole Diameter 3.5 in. Depth 15 ft.

ESTIMATED STARTING DATE 3/5/02
ESTIMATED COMPLETION DATE 3/6/02

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

APPLICANT'S SIGNATURE Geoffrey P. Risse DATE 2/6/02

PLEASE PRINT NAME Geoffrey P. Risse

Rev.5-13-00

FOR OFFICE USE

PERMIT NUMBER W02-0151
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 grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings.

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

F. WELL DESTRUCTION
Send a map of work site. A separate permit 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 2-6-02

Job Site 3616 SAN LEANDRO ST Parcel# 033 -2178-010-00 Appl# X0101873

Descr ENCROACH ONTO THE RIGHT OF WAY OF SAN LEANDRO STREET Permit Issued 12/27/01
boring(3) for ground water & soil testing adjacent to above address
Work Type EXCAVATION-PRIVATE P

USA # Util Co. Job # Acctg#:
Util Fund #:

	Name	Applcnt	Phone#	Lic#	--License Classes--
Owner	MCILRAITH TERRY E & VIVIAN L T				
Contractor	GETTLER RYAN INC	X	(510)551-7555	220793 B	C61 A C57 C10
Arch/Engr	DELTA ENVIRONMENTAL/G.RYAN				
Agent	ANDREW B. SMITH		(925)551-7444		
Applic Addr	6747 SIERRA CT., STE J, DUBLIN, CA, 94568				

$250.00 TOTAL FEES PAID AT ISSUANCE

$45.00	Applic	$205.00	Permit
$.00	Process	$.00	Rec Mgmt
$.00	Gen Plan	$.00	Invstg
$.00	Other		

CITY OF OAKLAND
Office of Planning and Building

EXCAVATION PERMIT

TO EXCAVATE IN STREETS OR OTHER SPECIFIED WORK

CIVIL ENGINEERIN
ENH 1/01/99

PERMIT NUMBER	SITE ADDRESS/LOCATION
X010 1873	3616 SAN LEANDRO ST.
APPROX. START DATE / APPROX. END DATE	24-HOUR EMERGENCY PHONE NUMBER (Permit not valid without 24-Hour number)
CONTRACTOR'S LICENSE # AND CLASS	CITY BUSINESS TAX #

ATTENTION:

1) State law requires that the contractor/owner call *Underground Service Alert (USA)* two working days before excavating. This permit is not valid unless applicant has secured a inquiry identification number issued by USA. The USA telephone number is 1 (800) 642-2444. UNDERGROUND SERVICE ALERT (USA) #: 64447

2) **48 hours prior to starting work, YOU MUST CALL (510) 238-3651 TO SCHEDULE AN INSPECTION.**

OWNER/BUILDER

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License law Chapter 9 (commencing with Sec. 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than $500):

☐ I, as an owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).

☐ I, as owner of the property, am exempt from the sale requirements of the above due to: (1) I am improving my principal place of residence or appurtenances thereto, (2) the work will be performed prior to sale, (3) I have resided in the residence for the 12 months prior to completion of the work, and (4) I have not claimed exemption on this subdivision on more than two structures more than once during any three-year period. (Sec. 7044 Business and Professions Code).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project. (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License law).

☐ I am exempt under Sec. _____, B&PC for this reason _____.

WORKER'S COMPENSATION

☐ I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3700, Labor Code).

Policy # _____ Company Name _____

☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California (not required for work valued at one hundred dollars ($100) or less).

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked. This permit is issued pursuant to all provisions of Title 12 Chapter 12.12 of the Oakland Municipal Code. It is granted upon the express condition that the permittee shall be responsible for all claims and liabilities arising out of work performed under the permit or arising out of permittee's failure to perform the obligations with respect to street maintenance. The permittee shall, and by acceptance of the permit agrees to defend, indemnify, save and hold harmless the City, its officers and employees, from and against any and all suits, claims, or actions brought by any person for or on account of any bodily injuries, disease or illness or damage to persons and/or property sustained or arising in the construction of the work performed under the permit or in consequence of permittee's failure to perform the obligations with respect to street maintenance. This permit is void 90 days from the date of issuance unless an extension is granted by the Director of the Office of Planning and Building.

I hereby affirm that I am licensed under provisions of Chapter 9 of Division 3 of the Business and Professions Code and my license is in full force and effect (if contractor), that I have read this permit and agree to its requirements, and that the above information is true and correct under penalty of law.

X _____ Agent for ☒ Contractor ☐ Owner — Date 12-27-01

DATE STREET LAST RESURFACED	SPECIAL PAVING DETAIL REQUIRED? ☐ YES ☒ NO	HOLIDAY RESTRICTION? (NOV 1 - JAN 1) ☐ YES ☒ NO	LIMITED OPERATION AREA? (7AM-9AM & 4PM-6PM) ☒ YES ☐ NO
ISSUED BY		DATE ISSUED 12-27-01	

CITY OF OAKLAND

250 FRANK H. OGAWA PLAZA, SUITE 2340 • OAKLAND, CALIFORNIA 94612-2031

Community and Economic Development Agency
Building Services Division

(510) 238-3102
FAX (510) 238-2959
TDD (510) 238-6312

September 6, 2001

Gettler – Ryan Inc.
6747 Sierra Ct., Suite J
Dublin, CA 94568
(ATTN : ANDREW B. SMITH)

RE: MINOR ENCROACHMENT PERMIT FOR 3616 SAN LEANDRO STREET.

Dear Mr. Smith:

Enclosed is a Minor Encroachment Permit allowing you to encroach into the public right-of-way of San Leandro Street to perform three soil borings. Before the Minor Encroachment Permit will become effective, the person(s) having the legal authority to do so, must sign and properly notarize the document with a notary acknowledgement slip(s) attached, and returned to this office to the attention of Jing Wong for recordation.

If you have any questions, please call Jing Wong at 238-6314 any workday from 8:00 AM to 4:00 PM.

Sincerely,

MARCEL UZEGBU
Civil Engineer

ALL PURPOSE ACKNOWLEDGMENT

STATE OF CALIFORNIA COUNTY OF ALAMEDA

On 11/5/01 (date) before me JANICE L. GRANT, NOTARY PUBLIC (Name, Title of Officer) personally appeared DAVID A. BYRON personally known to me, OR ___ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument freely and willingly.

JANICE L GRANT
COMMISSION 1274512
NOTARY PUBLIC-CALIFORNIA
ALAMEDA COUNTY
My commission exps. Sept 16, 2004

Janice L. Grant
Signature of Notary

Capacity claimed by signer(s): ___ Individual, X Corporate Officer, ___ Signature by Mark, Corporate Title, _____ ___ Partner(s), ___ Attorney-in-Fact, ___ Credible Witness(es), ___ Other, _____

The Signer is representing GETTLER-RYAN INC.
Names of person(s) or Entity(ies)

Recording Requested by:
CITY OF OAKLAND

When Recorded Mail to:
City of Oakland
Community & Economic
Development Agency
Building Services Division,
Engineering Information
250 Frank H. Ogawa Plaza, 2nd Floor
Oakland, CA 94612

TAX ROLL PARCEL NUMBER
(ASSESSOR'S REFERENCE NUMBER)

033	2178	010	00
MAP	BLOCK	PARCEL	SUB

Address: 3616 SAN LEANDRO STREET

Space Above for Recorder's Use Only

MINOR ENCROACHMENT PERMIT AND AGREEMENT

Gettler – Ryan Inc. is hereby granted a Conditional Revocable Permit to encroach into the public right-of-way of San Leandro Street to perform three soil borings. The location of said encroachment shall be as delineated in Exhibit 'A' attached hereto and made a part hereof. Gettler – Ryan Inc. was authorized by Chevron Products Company (Chevron) to act on their behalf in conducting all business related to obtaining the encroachment permit (see Exhibit 'B').

The permittee agrees to comply with and be bound by the conditions for granting an Encroachment Permit attached hereto and made a part hereof.

This agreement shall be binding upon the undersigned, the present owners of the property described above, and their successors in interest thereof.

In witness whereof, I have set my signature this 5th day of November, 2001.

Gettler – Ryan Inc.

David A. Byron

NAME: DAVID A. BYRON

TITLE: VICE-PRESIDENT

---*Below for Official Use Only*---

CITY OF OAKLAND

Dated: _____

By: _____
CALVIN N. WONG
Director of Building Services
For:
WILLIAM E. CLAGGETT
Executive Director,
Community & Economic Development Agency

TO: Gettler – Ryan Inc.
ADDRESS: 6747 Sierra Ct., Suite J
Dublin, CA 94568
(APN: 033-2178-010-00)

RE: Minor Encroachment Permit for performing three soil borings adjacent to 3616 San Leandro Street.

CONDITIONS FOR GRANTING A MINOR ENCROACHMENT PERMIT

1. That this permit shall be revocable at the pleasure of the Director of Building Services.

2. That the permittee, by the acceptance, either expressed or implied, of the minor encroachment permit hereby disclaims any right, title, or interest in or to any portion of the public street area, and agrees that said temporary use of said area does not constitute an abandonment on the part of the City of Oakland of any of its rights for street purposes and otherwise.

3. The permittee shall maintain in force and effect at all times that said encroachment occupies said public area, good and sufficient public liability insurance in the amount of $300,000 for each occurrence, and property damage insurance in the amount of $50,000 for each occurrence, both including contractual liability, insuring the City of Oakland, its officers and employees against any and all claims arising out of the existence of said encroachment in said sidewalk area, as respects liabilities assumed under this permit, and that a certificate of such insurance and subsequent notices of the renewal thereof, shall be filed with the Director of Building Services of the City of Oakland, and that such certificate shall state that said insurance coverage shall not be canceled or be permitted to lapse without thirty (30) days written notice to said Director of Building Services. The permittee also agrees that the City may review the type and amount of insurance required of the permittee every five (5) years and may require the permittee to increase the amount of and/or change the type of insurance coverage required.

4. That the permittee, by the acceptance, either expressed or implied, of this revocable permit shall be solely and fully responsible for the repair or replacement of any portion or all of said improvements in the event that said improvements shall have failed or have been damaged to the extent of creating a menace or of becoming a hazard to the safety of the general public; and that the permittee shall be liable for the expenses connected therewith.

5. That the permittee is aware that the proposed work is out of the ordinary and does not comply with City standard installations. Permittee is also aware that the City has to conduct work in the public right-of-way, which may include, but may not be limited to, excavation, trenching, and relocation of its facilities, all of which may damage encroachments. Permittee is further aware that the City takes no responsibility for repair or replacement of encroachments, which are damaged by the City or its contractors. That the permittee, by the acceptance, either expressed or implied, of the encroachment permit hereby agrees that upon receipt of notification from the City, permittee shall immediately repair or replace within 30 days all damages to permittee's encroachments within the public right-of-way which are damaged by the City or its contractors in carrying out the City's work. Permittee agrees to employ interim measures required and approved by the City until repair or replacement work is completed.

6. That upon the termination of the permission herein granted, permittee shall immediately remove said encroachment from the street area, and any damage resulting therefrom shall be repaired to the satisfaction of the Director of Building Services.

7. That the permittee shall file with the City of Oakland for recordation a Minor Encroachment Permit and Agreement, and shall be bound by and comply with all the terms and conditions of said permit.

8. That said permittee shall obtain an excavation permit prior to construction and a separate excavation permit prior to the removal of the ground water monitoring well.

9. That said permittee shall provide to the City of Oakland an AS BUILT plan showing the actual location of the monitoring well and the results of all data collected from the monitoring well.

10. That said permittee shall remove the monitoring well and repair any damage to the street area in accordance with City standards two (2) years after construction or as soon as monitoring is complete.

11. That said permittee shall notify the Community & Economic Development Agency, Building Services Division after the monitoring well is removed and the street area restored to initiate the procedure to rescind the minor encroachment permit.

12. That the monitoring well cover installed within the sidewalk area shall have a skid-proof surface.

13. That the ground water monitoring well casting and cover shall be iron and shall meet H-20 load rating. The cover shall be secured with a minimum of two stainless steel bolts. Bolts and cover shall be mounted flush with the surrounding surface. For sidewalk installations, a pre-cast concrete utility box and non-skid cover may be needed in conjunction with the bolted cast iron cover with City approval.

14. That the permittee acknowledges that the City makes no representations or warranties as to the conditions beneath said encroachment. By accepting this revocable permit, permittee agrees that it will use the encroachment area at its own risk, is responsible for the proper coordination of its activities with all other permittees, underground utilities, contractors, or workmen operating, within the encroachment area and for the safety of itself and any of its personnel in connection with its entry under this revocable permit.

15. The permittee acknowledges that the City is unaware of the existence of any hazardous substances beneath the encroachment area, and permittee hereby waives and fully releases and forever discharges the City and its officers, directors, employees, agents, servants, representatives, assigns and successors from any and all claims, demands, liabilities, damages, actions, causes of action, penalties, fines, liens, judgements, costs, or expenses whatsoever (including, without limitation, attorneys' fees and costs), whether direct or indirect, known or unknown, foreseen or unforeseen, that may arise out of or in any way connected with the physical condition or required remediation of the excavation area of any law or regulation applicable thereto, including, without limitation, the Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended (42 U.S.C. Sections 9601 et seq.), the Resource Conservation and Recovery Act of 1976 (42 U.S.C. Section 466 et seq.), the Safe Drinking Water Act (14 U.S.C. Sections 1401, 1450), the Hazardous Waste Control Law (California Health and Safety Code Sections 25100 et seq.), the Porter-Cologne Water Quality Control Act (California Health and Safety Code Section 13000 et seq.), the Hazardous Substance Account Act (California Health and Safety Code Sections 253000 et seq.), and the Safe Drinking Water and Toxic Enforcement Act (California Health and Safety Code Section 25249.5 et seq.).

16. Permittee further acknowledges that it understands and agrees that it hereby expressly waives all rights and benefits which it now has or in the future may have, under and by virtue of the terms of California Civil Code Section 1542, which reads as follows: " A GENERAL RELEASE DOES NOT EXTEND TO CLAIMS WHICH THE CREDITOR DOES NOT KNOW OR SUSPECT TO EXIST IN HIS FAVOR AT THE TIME OF EXECUTING THE RELEASE, WHICH IF KNOWN BY HIM MUST HAVE MATERIALLY AFFECTED HIS SETTLEMENT WITH THE DEBTOR."

17. Permittee recognizes that by waiving the provisions of this section, permittee will not be able to make any claims for damages that may exist, and to which, if known, would materially affect its decision to agree to these encroachment terms and conditions, regardless of whether permittee's lack of knowledge is the result of ignorance, oversight, error, negligence, or any other cause.

18. (a) That the permittee, by the acceptance of this revocable permit, agrees and promises to indemnify, defend, and hold harmless the City of Oakland, its officers, agents, and employees, to the maximum extent permitted by law, from any and all claims, demands, liabilities damages, actions, causes of action, penalties, fines, liens, judgments, costs, or expenses whatsoever (including, without limitation, attorneys' fees and costs; collectively referred to as "claims", whether direct or indirect, known or unknown, foreseen or unforeseen, to the extent that such claims were either (1) caused by the permittee, its agents, employees, contractors or representatives, or, (2) in the case of environmental contamination, the claim is a result of environmental contamination that emanates or emanated from 3616 San Leandro Street, Oakland, California site, or was otherwise caused by the permittee, its agents, employees, contractors or representatives.

(b) That, if any contamination is discovered below or in the immediate vicinity of the encroachment, and the contaminants found are of the type used, housed, stored, processed or sold on or from 3616 San Leandro Street, Oakland, California site, such shall amount to a rebuttable presumption that the contamination below, or in the immediate vicinity of, the encroachment was caused by the permittee, its agents, employees, contractors or representatives.

(c) That the permittee shall comply with all applicable federal, state, county and local laws, rules, and regulations governing the installation, maintenance, operation and abatement of the encroachment.

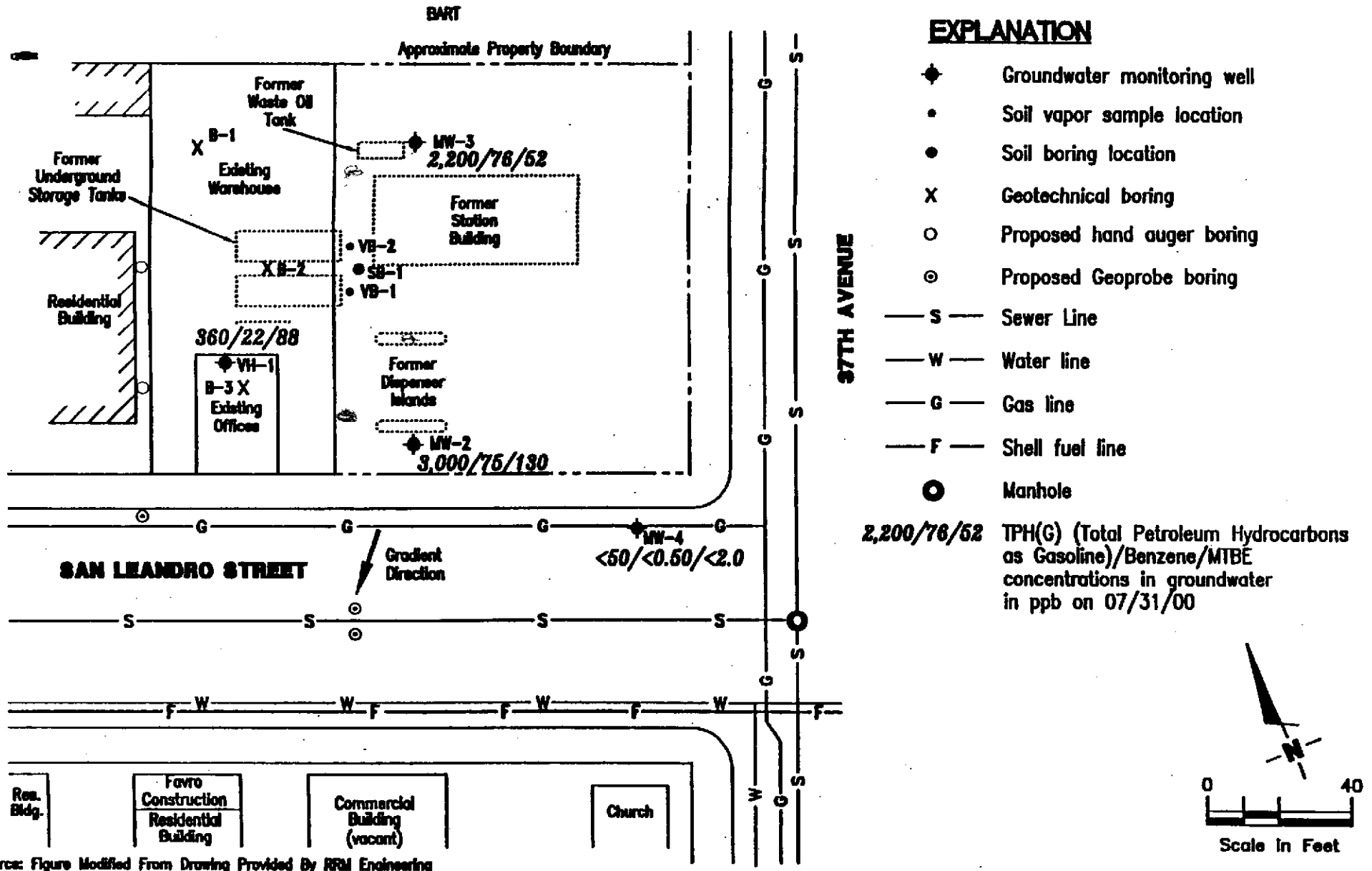
19. That the permittee hereby does remise, release, and forever discharge, and agree to defend, indemnify, and save harmless, the City, its officers, agents and employees and each of them, from any and all actions, claims, and demands of whatsoever kind or nature, and any damage, loss or injury which may be sustained directly or by the undersigned and any other person or persons, and arising out of, or by reason of the occupation of said public property, and the future removal of the above-mentioned encroachment.

20. That the herein above conditions shall be binding upon the permittee and the successive owners and assigns thereof.

21. That said permittee shall provide to the City of Oakland a performance bond for the amount of $3,000 per soil boring encroaching within the public right-of-way prior to the issuance of the encroachment permit. Said performance bond shall be returned to the permittee after the street area of the boring site has been repaired of any damage in accordance with City standards.

22. That said Minor Encroachment Permit and Agreement shall take effect when all the conditions hereinabove set forth shall have been complied with to the satisfaction of the Director of Building Services, and shall become null and void upon the failure of the permittee to comply with all conditions.

EXHIBIT 'A'



Source: Figure Modified From Drawing Provided By RRM Engineering

Gettler - Ryan Inc.
6747 Sierra Ct., Suite J (510) 551-7555
Dublin, CA 94568

SITE PLAN
Former Chevron Service Station No. 9-4612
3616 San Leandro Street
Oakland, California

JOB NUMBER	REVIEWED BY	DATE	REVISED DATE
346473.04		12/00	

EXHIBIT 'B'

Chevron

July 13, 2001

Mr. Calvin N. Wong
City of Oakland Building
Services Division
250 Frank H. Ogawa Plaza, Suite 23228
Oakland, California 94612

Subject: **Encroachment Permit to Install three off-site Soil Borings for the former Chevron Station No. 9-4612, 3616 San Leandro Street, Oakland California.**

Dear Mr. Wong:

The Alameda County Environmental Health Department (ACEHD) has approved a proposal from Chevron Products Company (Chevron) to install three soil borings in San Leandro Street near the subject site. This work is necessary to delineate the extent of dissolved petroleum hydrocarbons in groundwater west of the site.

The proposed locations of the soil borings are in the public right-of-way and an encroachment permit issued by the City of Oakland is necessary in order proceed with the work. Chevron has contracted Delta Environmental Consultants, Inc. network associate Gettler-Ryan Inc. (GR) to complete this task, and authorizes GR to act on our behalf in conducting all business related to the completion of this task.

Chevron appreciates your co-operation in this matter. If you have any questions or concerns regarding this matter please feel free to contact me at (925) 842-8898.

Thank you for your time.

Sincerely,
Chevron Products Company

Thomas K. Bauhs
Project Manager

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
3616 San Leandro St
Oakland, California

CLIENT
Name Chevron Products Company
Address P.O. Box 5004 Phone (925) 842-8870
City San Ramon Zip 94583

APPLICANT
Name Getter-Ryan INC Fax (916) 631-1317
Address 3140 Gold Camp Dr. #20 Phone (916) 631-1200
City Rancho Cordova Zip 95670

TYPE OF PROJECT

Well Construction		Geotechnical Investigation	
Cathodic Protection	☐	General	☐
Water Supply	☐	Contamination	☑
Monitoring	☐	Well Destruction	☐

PROPOSED WATER SUPPLY WELL USE

New Domestic	☐	Replacement Domestic	☐
Municipal	☐	Irrigation	☐
Industrial	☐	Other	☐

DRILLING METHOD:

Mud Rotary	☐	Air Rotary	☐	Auger	☐
Cable	☐	Other	☑ Geo Probe/Hand Auger		

DRILLER'S NAME Gregg
DRILLER'S LICENSE NO C-57 445166

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 11 Maximum
Hole Diameter 3 in. Depth 12 ft.

ESTIMATED STARTING DATE July 3
ESTIMATED COMPLETION DATE July 3

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

APPLICANT'S SIGNATURE Geoffrey D. Risse of Getter-Ryan DATE 6/6/01

PLEASE PRINT NAME Geoffrey D. Risse Rev'd 4-00

FOR OFFICE USE

PERMIT NUMBER WR01-441
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 grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings.

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

F. WELL DESTRUCTION
See attached requirements for destruction of shallow wells. Send a copy of work plan. 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 6-7-01

MAJOR DIVISIONS				TYPICAL NAMES
COARSE-GRAINED SOILS (MORE THAN HALF IS COARSER THAN NO. 200 SIEVE)	GRAVELS (MORE THAN HALF COARSE FRACTION IS LARGER THAN NO. 4 SIEVE SIZE)	CLEAN GRAVELS WITH LITTLE OR NO FINES	GW	Well graded gravels with or without sand, little or no fines
			GP	Poorly graded gravels with or without sand, little or no fines
		GRAVELS WITH OVER 15% FINES	GM	Silty gravels, silty gravels with sand
			GC	Clayey gravels, clayey gravels with sand
	SANDS (MORE THAN HALF COARSE FRACTION IS SMALLER THAN NO. 4 SIEVE SIZE)	CLEAN SANDS WITH LITTLE OR NO FINES	SW	Well graded sands with or without gravel, little or no fines
			SP	Poorly graded sands with or without gravel, little or no fines
		SANDS WITH OVER 15% FINES	SM	Silty sands with or without gravel
			SC	Clayey sands with or without gravel
FINE-GRAINED SOILS (MORE THAN HALF IS FINER THAN NO. 200 SIEVE)	SILTS AND CLAYS (LIQUID LIMIT 50% OR LESS)		ML	Inorganic silts and very fine sands, rock flour, silts with sands and gravels
			CL	Inorganic clays of low to medium plasticity, clays with sands and gravels, lean clays
			OL	Organic silts or clays of low plasticity
	SILTS AND CLAYS (LIQUID LIMIT GREATER THAN 50%)		MH	Inorganic silts, micaceous or diatomaceous, fine sandy or silty soils, elastic silts
			CH	Inorganic clays of high plasticity, fat clays
			OH	Organic silts or clays of medium to high plasticity
HIGHLY ORGANIC SOILS			PT	Peat and other highly organic soils

PID	Volatile vapors in ppm
(2.5YR 6/2)	Soil color according to Munsell Soil Color Charts (1993 Edition)
BLOWS/FT.	Sample drive hammer weight – 140 pounds falling 30 inches. Blows required to drive sampler 1 foot are indicated on the logs.

———	Observed contact
– – – –	Inferred contact
▨	No soil sample recovered
■	"Undisturbed" sample
▽	First encountered groundwater level
▼	Static groundwater level

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

UNIFIED SOIL CLASSIFICATION
ASTM D 2488-85
AND
KEY TO SAMPLING DATA

Gettler-Ryan, Inc.

Log of Boring HA-1

PROJECT: *Former Chevron Service Station No. 9-4612*	LOCATION: *3616 San Leandro Street, Oakland, California*
GR PROJECT NO.: *DG94612G.4C01*	SURFACE ELEVATION:
DATE STARTED: *03/05/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *03/05/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *3 in. Hand Auger*	TOTAL DEPTH: *10 feet*
DRILLING COMPANY: *Gettler-Ryan*	GEOLOGIST: *Geoff Risse*

DEPTH (feet)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
					Concrete over baserock - 11 inches thick.	
				CL	CLAY (CL) - dark brown (7.5YR 3/2), moist; 90% clay, 10% fine to medium sand.	
2						Boring backfilled with neat cement from the botton to ground surface.
4						
	HA1-5					
6						
8					CLAY WITH SAND (CL) - dark brown (7.5YR 3/2), saturated; 85% clay, 15% sand.	
	HA1					Grab groundwater sample HA1.
10					Bottom of boring at 10 feet bgs.	
12						
14						

JOB NUMBER: *DG94612G.4C01*

Gettler-Ryan, Inc.

Log of Boring HA-2

PROJECT: *Former Chevron Service Station No. 9-4612*	LOCATION: *3616 San Leandro Street, Oakland, California*
GR PROJECT NO.: *DG94612G.4C01*	SURFACE ELEVATION:
DATE STARTED: *03/05/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *03/05/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *3 in. Hand Auger*	TOTAL DEPTH: *9.5 feet*
DRILLING COMPANY: *Gettler-Ryan*	GEOLOGIST: *Geoff Risse*

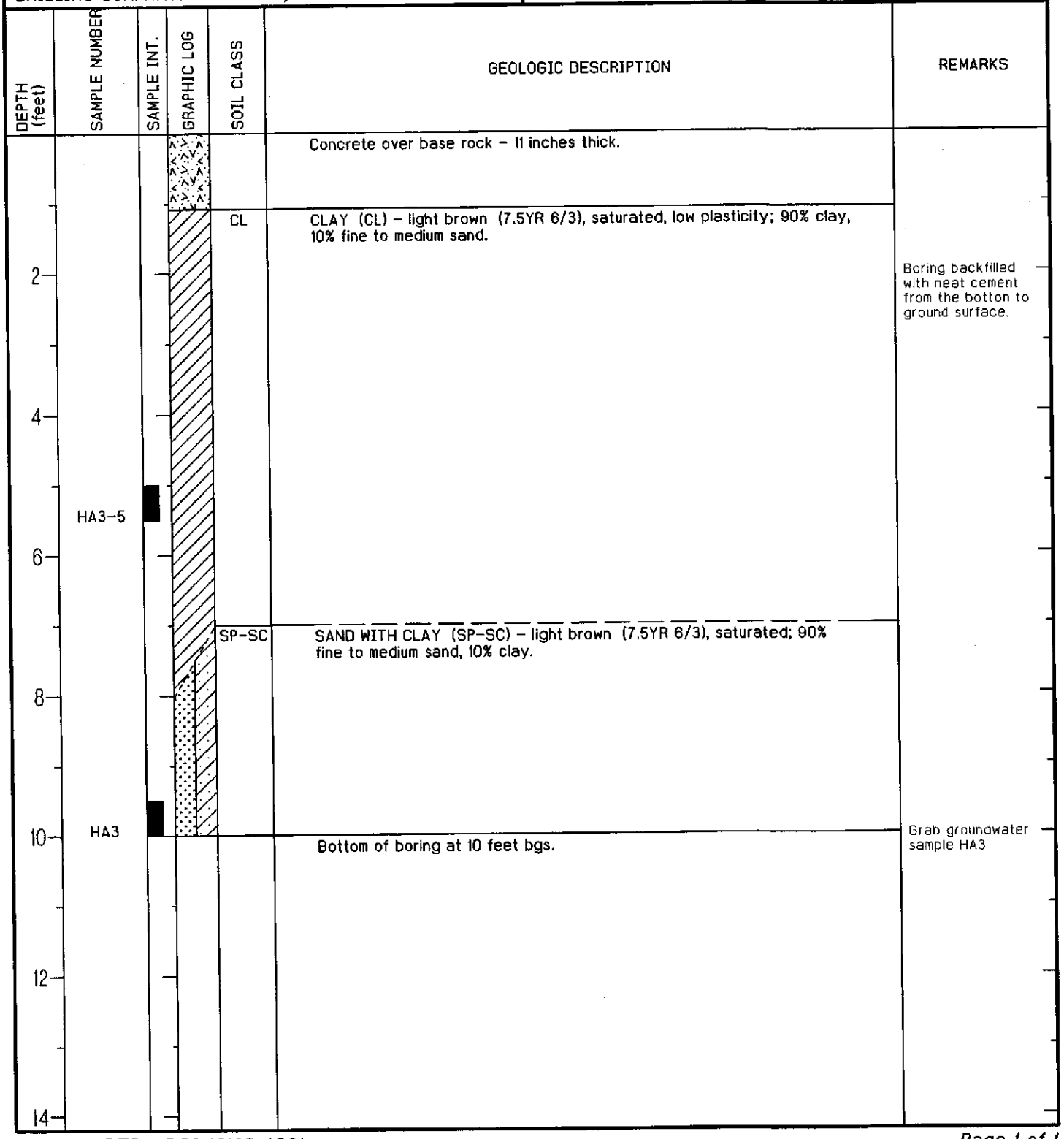
DEPTH (feet)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
					Concrete over baserock – 11 inches thick.	
2				CL	CLAY (CL) – dark brown (7.5YR 3/2), saturated, low plasticity; 90% clay, 10% fine sand.	Boring backfilled with neat cement from the botton to ground surface.
4						
	HA2-5					
6						
				SC	CLAYEY SAND (SC) – dark brown (7.5YR 3/2), saturated; 85% fine to medium sand, 15% clay.	
8						
	HA2					Grab groundwater sample HA2.
10					Bottom of boring at 9.5 feet bgs.	
12						
14						

JOB NUMBER: *DG94612G.4C01*

Gettler-Ryan, Inc.

Log of Boring HA-3

PROJECT: *Former Chevron Service Station No. 9-4612*	LOCATION: *3616 San Leandro Street, Oakland, California*
GR PROJECT NO. : *DG94612G.4C01*	SURFACE ELEVATION:
DATE STARTED: *03/05/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *03/05/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *3 in. Hand Auger*	TOTAL DEPTH: *10 feet*
DRILLING COMPANY: *Gettler-Ryan*	GEOLOGIST: *Geoff Risse*



JOB NUMBER: *DG94612G.4C01*

Gettler-Ryan, Inc.

Log of Boring GP-1

PROJECT: *Former Chevron Service Station No. 9-4612*	LOCATION: *3616 San Leandro Street, Oakland, California*
GR PROJECT NO.: *DG94612C.4C02*	SURFACE ELEVATION:
DATE STARTED: *07/03/01*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *07/03/01*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe (direct push)*	TOTAL DEPTH: *16 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Geoff Risse*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
						Topsoil and coarse gravel – 6 inches thick.	Hand augered to 5 feet.
3					CL	CLAY (CL) – dark brown (7.5YR 3/3), moist; 90% clay, 5% sand, 5% gravel.	Boring backfilled with neat cement from the bottom to the ground surface.
6	30	GP1-6 GP1-6G					
						Becomes 95% clay, 5% gravel.	
9	0	GP1-9			SP	POORLY GRADED SAND (SP) – dark brown (7.5YR 3/3), moist; 95% fine to medium sand, 5% silt.	
	0	GP1-11					
12							
15	1413	GP1-15.5 GP1-15.5G				Refusal at 16 feet.	
						Bottom of boring at 16 feet bgs.	
18							
21							

JOB NUMBER: *DG94612C.4C02*

Gettler-Ryan, Inc.

Log of Boring GP-2

PROJECT: *Former Chevron Service Station No. 9-4612*	LOCATION: *3616 San Leandro Street, Oakland, California*
GR PROJECT NO.: *DG94612C.4C02*	SURFACE ELEVATION:
DATE STARTED: *07/03/01*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *07/03/01*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe (direct push)*	TOTAL DEPTH: *15 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Geoff Risse*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
						Topsoil and coarse gravel – 6 inches thick.	Hand augered to 5 feet.
					CL	CLAY (CL) – dark brown (7.5YR 3/3), moist; 100% clay.	
3					SP	POORLY GRADED SAND (SP) – dark brown (7.5YR 3/3), moist; 90% fine to medium sand, 5% clay, 5% gravel.	Boring backfilled with neat cement from the bottom to the ground surface.
6	0	GP2-6					
					CL	CLAY (CL) – dark brown (7.5YR 3/3), moist; 95% clay, 5% sand.	
9	0	GP2-8.5 GP2-8.5G					
12	20	GP2-12.5 GP2-12.5G				Becomes saturated; 90% clay, 5% sand, 5% gravel.	
	0	GP2-14.5				Refusal at 15 feet.	
15						Bottom of boring at 15 feet bgs.	
18							
21							

JOB NUMBER: *DG94612C.4C02*

Gettler-Ryan, Inc.

Log of Boring GP-3

PROJECT: *Former Chevron Service Station No. 9-4612*	LOCATION: *3616 San Leandro Street, Oakland, California*
GR PROJECT NO.: *DG94612C.4C02*	SURFACE ELEVATION:
DATE STARTED: *07/03/01*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *07/03/01*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe (direct push)*	TOTAL DEPTH: *15 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Geoff Risse*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
						Topsoil and coarse gravel - 6 inches thick.	Hand augered to 5 feet.
					SP	POORLY GRADED SAND (SP) - dark brown (7.5YR 3/3), moist; 95% fine to medium sand, 5% silt.	Boring backfilled with neat cement from the bottom to the ground surface.
3							
6	11	GP3-5.5					
9	0	GP3-8.5 GP3-8.5G					
12	0	GP3-12.5			CL	CLAY (CL) - dark reddish brown (2.5YR 3/4), saturated; 95% clay, 5% sand.	
15	0	GP3-14.5				Refusal at 15 feet. Bottom of boring at 15 feet bgs.	
18							
21							

JOB NUMBER: *DG94612C.4C02*

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ANALYTICAL RESULTS

Prepared for:

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904
925-842-8582

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 799575. Samples arrived at the laboratory on Friday, March 08, 2002. The PO# for this group is 99011184 and the release number is BAUHS.

Client Description			Lancaster Labs Number
HA3-S-5-020305	Grab	Soil	3784657
HA-3-W-020305	Grab	Water	3784658
HA2-S-5-020305	Grab	Soil	3784659
HA-2-W-020305	Grab	Water	3784660
HA1-S-5-020305	Grab	Soil	3784661
HA-1-W-020305	Grab	Water	3784662

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

1 COPY TO Gettler-Ryan Inc. Attn: Geoffrey D. Risse

Lancaster Laboratories
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Questions? Contact your Client Services Representative
Teresa M Lis at (717) 656-2300.

Respectfully Submitted,

Victoria M. Martell
Chemist

MEMBER ACIL
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717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. SW 3784657

Collected:03/05/2002 10:25 by GDR

Account Number: 10992

Submitted: 03/08/2002 09:15
Reported: 03/15/2002 at 00:51
Discard: 03/23/2002
HA3-S-5-020305 Grab Soil

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 94612 GRRC
3616 San Leandro-Oakland T0600100333 HA-3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					
02160	BTEX/MTBE					
02174	Benzene	71-43-2	N.D.	0.0050	mg/kg	25
02177	Toluene	108-88-3	N.D.	0.0050	mg/kg	25
02178	Ethylbenzene	100-41-4	N.D.	0.0050	mg/kg	25
02182	Total Xylenes	1330-20-7	N.D.	0.015	mg/kg	25
02199	MTBE	1634-04-4	N.D.	0.050	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	03/11/2002 11:43	Stephanie A Selis	25
02160	BTEX/MTBE	SW-846 8021B	1	03/11/2002 11:43	Stephanie A Selis	25
01150	GC VOA Soil Prep	SW-846 5035	1	03/11/2002 02:53	Stephanie A Selis	n.a.

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Analysis Report

Lancaster Laboratories
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Lancaster Laboratories Sample No. WW 3784658

Collected:03/05/2002 12:45 by GDR

Account Number: 10992

Submitted: 03/08/2002 09:15
Reported: 03/15/2002 at 00:51
Discard: 03/23/2002
HA-3-W-020305 Grab Water

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 94612 GRRC
3616 San Leandro-Oakland T0600100333 HA-3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	0.50	ug/l	1
02164	Toluene	108-88-3	N.D.	0.50	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/12/2002 08:39	Linda C Pape	1
02159	BTEX, MTBE	SW-846 8021B	1	03/12/2002 08:39	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/12/2002 08:39	Linda C Pape	n.a.

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Analysis Report

Lancaster Laboratories
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Lancaster Laboratories Sample No. SW 3784659

Collected:03/05/2002 10:14 by GDR

Account Number: 10992

Submitted: 03/08/2002 09:15
Reported: 03/15/2002 at 00:51
Discard: 03/23/2002
HA2-S-5-020305 Grab Soil

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 94612 GRRC
3616 San Leandro-Oakland T0600100333 HA-2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					
02160	BTEX/MTBE					
02174	Benzene	71-43-2	N.D.	0.0050	mg/kg	25
02177	Toluene	108-88-3	N.D.	0.0050	mg/kg	25
02178	Ethylbenzene	100-41-4	N.D.	0.0050	mg/kg	25
02182	Total Xylenes	1330-20-7	N.D.	0.015	mg/kg	25
02199	MTBE	1634-04-4	N.D.	0.050	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	03/11/2002 12:20	Stephanie A Selis	25
02160	BTEX/MTBE	SW-846 8021B	1	03/11/2002 12:20	Stephanie A Selis	25
01150	GC VOA Soil Prep	SW-846 5035	1	03/11/2002 02:54	Stephanie A Selis	n.a.

Analysis Report

Lancaster Laboratories
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Lancaster Laboratories Sample No. WW 3784660

Collected:03/05/2002 12:07 by GDR

Account Number: 10992

Submitted: 03/08/2002 09:15
Reported: 03/15/2002 at 00:51
Discard: 03/23/2002
HA-2-W-020305 Grab Water

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 94612 GRRC
3616 San Leandro-Oakland T0600100333 HA-2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	0.50	ug/l	1
02164	Toluene	108-88-3	N.D.	0.50	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/12/2002 09:14	Linda C Pape	1
02159	BTEX, MTBE	SW-846 8021B	1	03/12/2002 09:14	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/12/2002 09:14	Linda C Pape	n.a.

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Analysis Report

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Lancaster Laboratories Sample No. SW 3784661

Collected:03/05/2002 10:01 by GDR

Account Number: 10992

Submitted: 03/08/2002 09:15
Reported: 03/15/2002 at 00:51
Discard: 03/23/2002
HA1-S-5-020305 Grab Soil

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 94612 GRRC
3616 San Leandro-Oakland T0600100333 HA-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					
02160	BTEX/MTBE					
02174	Benzene	71-43-2	N.D.	0.0050	mg/kg	25
02177	Toluene	108-88-3	0.0098	0.0050	mg/kg	25
02178	Ethylbenzene	100-41-4	0.016	0.0050	mg/kg	25
02182	Total Xylenes	1330-20-7	0.089	0.015	mg/kg	25
02199	MTBE	1634-04-4	N.D.	0.050	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	03/11/2002 12:57	Stephanie A Selis	25
02160	BTEX/MTBE	SW-846 8021B	1	03/11/2002 12:57	Stephanie A Selis	25
01150	GC VOA Soil Prep	SW-846 5035	1	03/11/2002 02:55	Stephanie A Selis	n.a.

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Analysis Report

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Lancaster Laboratories Sample No. WW 3784662

Collected:03/05/2002 11:06 by GDR

Account Number: 10992

Submitted: 03/08/2002 09:15
Reported: 03/15/2002 at 00:51
Discard: 03/23/2002
HA-1-W-020305 Grab Water

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 94612 GRRC
3616 San Leandro-Oakland T0600100333 HA-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	0.50	ug/l	1
02164	Toluene	108-88-3	N.D.	0.50	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/12/2002 02:52	Melissa D Mann	1
02159	BTEX, MTBE	SW-846 8021B	1	03/12/2002 02:52	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/12/2002 02:52	Melissa D Mann	n.a.

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Quality Control Summary

Client Name: Chevron Products Company
Group Number: 799575
Reported: 03/15/02 at 12:51 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 02070A33A	Sample number(s): 3784657,3784659,3784661							
TPH-GRO - Soils	N.D.	1.	mg/kg	87		75-117		
Benzene	N.D.	.005	mg/kg	105		84-132		
Toluene	N.D.	.005	mg/kg	105		88-116		
Ethylbenzene	N.D.	.005	mg/kg	106		87-127		
Total Xylenes	N.D.	.015	mg/kg	105		88-120		
MTBE	N.D.	.05	mg/kg	100		64-158		
Batch number: 02070A56A	Sample number(s): 3784658,3784660,3784662							
TPH-GRO - Waters	N.D.	50.	ug/l	94	94	76-126	0	30
Benzene	N.D.	.5	ug/l	108	112	80-118	3	30
Toluene	N.D.	.5	ug/l	106	107	82-119	1	30
Ethylbenzene	N.D.	.5	ug/l	105	107	81-119	1	30
Total Xylenes	N.D.	1.5	ug/l	106	107	82-120	2	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	105	103	79-127	2	30

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 02070A33A	Sample number(s): 3784657,3784659,3784661								
TPH-GRO - Soils	72	71	44-116	1	30				
Benzene	110	110	56-142	0	30				
Toluene	91	89	66-120	3	30				
Ethylbenzene	103	102	66-131	1	30				
Total Xylenes	95	93	67-122	3	30				
MTBE	139	138	42-163	1	30				
Batch number: 02070A56A	Sample number(s): 3784658,3784660,3784662								
TPH-GRO - Waters	103		74-132						
Benzene	115	117	77-131	2	20				
Toluene	113	114	80-128	1	30				
Ethylbenzene	114	114	76-132	0	30				
Total Xylenes	114	114	69-140	1	30				
Methyl tert-Butyl Ether	104	104	61-144	0	30				

Surrogate Quality Control

Analysis Name: TPH-GRO - Soils
Batch number: 02070A33A

	Trifluorotoluene-F	Trifluorotoluene-P
3784657	85	90
3784659	81	85

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

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Lancaster Laboratories
Where quality is a science.

Quality Control Summary

Client Name: Chevron Products Company
Group Number: 799575
Reported: 03/15/02 at 12:51 AM

Surrogate Quality Control

3784661	83	87
Blank	95	106
LCS	108	110
MS	91	97
MSD	91	96
Limits:	61-127	68-122

Analysis Name: TPH-GRO - Waters
Batch number: 02070A56A

	Trifluorotoluene-F	Trifluorotoluene-P
3784658	99	98
3784660	95	99
3784662	94	99
Blank	92	98
LCS	106	100
LCSD	103	99
MS	113	99
MSD		99
Limits:	67-135	71-130

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

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Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: 10992 Sample #: 378465 7-62 SCR#: _____

Consultant/Office: Gettler Ryan INC
Consultant Prj. Mgr.: Geoffrey L. Risse Prj. #: 069461 26.401
Consultant Phone #: (916) 631-1300 Fax #: (916) 631-1317
Service Order #: _____
Site Address: Chevron #9-4612 Region: _____
Sampler: Geoffrey P. Risse
Chevron PM: Tom Bauhs

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water	Oil ☐ Air ☐	Total Number of Containers	BTEX 8021 ☑ 8260 ☐ + MTBE ☑	TPH 8015 MOD GRO ☑ DRO ☐	8260 full scan	Oxygenates	Lead 7420 ☐ 7421 ☐
					Potable ☐ NPDES ☐			Preservation Codes: #	#	#			
HA3-5	3/5/02	1025			✓			1	1				
HA-3	3/5/02	1245	✓					4	2				
HA2-5	3/5/02	1014			✓			1	1				
HA-2	3/5/02	1207	✓					4	2				
HA1-5	3/5/02	1001			✓			1	1				
HA-1	3/5/02	1106	✓					4	2				

Analyses Requested — List total number of containers in the box under each analysis.

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

☐ J value reporting needed

☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm highest hit by 8260
☑ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

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

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

	Date	Time	Received by:	Date	Time
Relinquished by: Geoffrey P. Risse	3/7/02	0815			
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS (FedEx) Other _____			Received by: Maria	3/8/02	0915

Temperature Upon Receipt 4 C°
Custody Seals Intact? Yes No (NA)

6/22/01

Sequoia
Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673
www.sequoialabs.com

11 July, 2001

Geoffrey D. Risse
Gettler Ryan, Inc. - Rancho Cordova
3140 Gold Camp Drive #170
Rancho Cordova, CA 95670

RE: Chevron
Sequoia Report: W107057

Enclosed are the results of analyses for samples received by the laboratory on 03-Jul-01 15:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Julianne Fegley For Charlie Westwater
Project Manager

CA ELAP Certificate #1271

Sequoia Analytical

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Gettler Ryan, Inc. - Rancho Cordova	Project: Chevron	
3140 Gold Camp Drive #170	Project Number: Chevron # 9-4612	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Geoffrey D. Risse	11-Jul-01 16:19

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GP3-5.5	W107057-01	Soil	03-Jul-01 12:20	03-Jul-01 15:50
GP1-6	W107057-02	Soil	03-Jul-01 09:25	03-Jul-01 15:50
GP2-6	W107057-03	Soil	03-Jul-01 11:10	03-Jul-01 15:50
GP3-8.5	W107057-04	Soil	03-Jul-01 12:25	03-Jul-01 15:50
GP2-8.5	W107057-05	Soil	03-Jul-01 11:11	03-Jul-01 15:50
GP1-9	W107057-06	Soil	03-Jul-01 09:30	03-Jul-01 15:50

Julianne Fegley For Charlie Westwater, Project Manager

Sequoia Analytical

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Gettler Ryan, Inc. - Rancho Cordova	Project: Chevron	
3140 Gold Camp Drive #170	Project Number: Chevron # 9-4612	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Geoffrey D. Risse	11-Jul-01 16:19

Total Purgeable Hydrocarbons (C6-C12) and BTEX by DHS LUFT

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP3-5.5 (W107057-01) Soil Sampled: 03-Jul-01 12:20 Received: 03-Jul-01 15:50									
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	1G10004	10-Jul-01	10-Jul-01	DHS LUFT	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*101 %*	*40-140*		"	"	"	"	
GP1-6 (W107057-02) Soil Sampled: 03-Jul-01 09:25 Received: 03-Jul-01 15:50									
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	1G10004	10-Jul-01	10-Jul-01	DHS LUFT	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*99.0 %*	*40-140*		"	"	"	"	
GP2-6 (W107057-03) Soil Sampled: 03-Jul-01 11:10 Received: 03-Jul-01 15:50									
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	1G10004	10-Jul-01	10-Jul-01	DHS LUFT	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*97.0 %*	*40-140*		"	"	"	"	
GP3-8.5 (W107057-04) Soil Sampled: 03-Jul-01 12:25 Received: 03-Jul-01 15:50									
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	1G10004	10-Jul-01	10-Jul-01	DHS LUFT	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*98.7 %*	*40-140*		"	"	"	"	

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Gettler Ryan, Inc. - Rancho Cordova	Project: Chevron	
3140 Gold Camp Drive #170	Project Number: Chevron # 9-4612	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Geoffrey D. Risse	11-Jul-01 16:19

Total Purgeable Hydrocarbons (C6-C12) and BTEX by DHS LUFT

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP2-8.5 (W107057-05) Soil Sampled: 03-Jul-01 11:11 Received: 03-Jul-01 15:50									
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	1G10004	10-Jul-01	10-Jul-01	DHS LUFT	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*95.0 %*	*40-140*		"	"	"	"	
GP1-9 (W107057-06) Soil Sampled: 03-Jul-01 09:30 Received: 03-Jul-01 15:50									
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	1G10004	10-Jul-01	10-Jul-01	DHS LUFT	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*94.7 %*	*40-140*		"	"	"	"	

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Gettler Ryan, Inc. - Rancho Cordova	Project: Chevron	
3140 Gold Camp Drive #170	Project Number: Chevron # 9-4612	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Geoffrey D. Risse	11-Jul-01 16:19

MTBE by EPA Method 8260A

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GP3-5.5 (W107057-01) Soil Sampled: 03-Jul-01 12:20 Received: 03-Jul-01 15:50									
Methyl tert-butyl ether	ND	0.20	mg/kg	100	1G10009	10-Jul-01	10-Jul-01	EPA 8260B	
Surrogate: Dibromofluoromethane		*92.8 %*		*50-150*	"	"	"	"	
GP1-6 (W107057-02) Soil Sampled: 03-Jul-01 09:25 Received: 03-Jul-01 15:50									
Methyl tert-butyl ether	ND	0.20	mg/kg	100	1G10009	10-Jul-01	10-Jul-01	EPA 8260B	
Surrogate: Dibromofluoromethane		*97.2 %*		*50-150*	"	"	"	"	
GP2-6 (W107057-03) Soil Sampled: 03-Jul-01 11:10 Received: 03-Jul-01 15:50									
Methyl tert-butyl ether	ND	0.20	mg/kg	100	1G10009	10-Jul-01	10-Jul-01	EPA 8260B	
Surrogate: Dibromofluoromethane		*96.4 %*		*50-150*	"	"	"	"	
GP3-8.5 (W107057-04) Soil Sampled: 03-Jul-01 12:25 Received: 03-Jul-01 15:50									
Methyl tert-butyl ether	ND	0.20	mg/kg	100	1G10009	10-Jul-01	10-Jul-01	EPA 8260B	
Surrogate: Dibromofluoromethane		*96.4 %*		*50-150*	"	"	"	"	
GP2-8.5 (W107057-05) Soil Sampled: 03-Jul-01 11:11 Received: 03-Jul-01 15:50									
Methyl tert-butyl ether	ND	0.20	mg/kg	100	1G10009	10-Jul-01	10-Jul-01	EPA 8260B	
Surrogate: Dibromofluoromethane		*98.4 %*		*50-150*	"	"	"	"	
GP1-9 (W107057-06) Soil Sampled: 03-Jul-01 09:30 Received: 03-Jul-01 15:50									
Methyl tert-butyl ether	ND	0.20	mg/kg	100	1G10009	10-Jul-01	10-Jul-01	EPA 8260B	
Surrogate: Dibromofluoromethane		*95.2 %*		*50-150*	"	"	"	"	

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Gettler Ryan, Inc. - Rancho Cordova	Project: Chevron	
3140 Gold Camp Drive #170	Project Number: Chevron # 9-4612	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Geoffrey D. Risse	11-Jul-01 16:19

Total Purgeable Hydrocarbons (C6-C12) and BTEX by DHS LUFT - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1G10004 - EPA 5030B MeOH										
Blank (1G10004-BLK1)				Prepared & Analyzed: 10-Jul-01						
Purgeable Hydrocarbons	ND	1.0	mg/kg							
Benzene	ND	0.0050	"							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Surrogate: a,a,a-Trifluorotoluene	*0.564*		"	*0.600*		*94.0*	*40-140*			
LCS (1G10004-BS1)				Prepared & Analyzed: 10-Jul-01						
Benzene	0.804	0.0050	mg/kg	0.800		100	50-150			
Toluene	0.838	0.0050	"	0.800		105	50-150			
Ethylbenzene	0.882	0.0050	"	0.800		110	50-150			
Xylenes (total)	2.60	0.0050	"	2.40		108	50-150			
Surrogate: a,a,a-Trifluorotoluene	*0.644*		"	*0.600*		*107*	*40-140*			
Matrix Spike (1G10004-MS1)		**Source: W107057-01**		Prepared & Analyzed: 10-Jul-01						
Benzene	0.776	0.0050	mg/kg	0.800	ND	97.0	50-150			
Toluene	0.820	0.0050	"	0.800	ND	102	50-150			
Ethylbenzene	0.850	0.0050	"	0.800	ND	106	50-150			
Xylenes (total)	2.54	0.0050	"	2.40	ND	106	50-150			
Surrogate: a,a,a-Trifluorotoluene	*0.608*		"	*0.600*		*101*	*40-140*			
Matrix Spike Dup (1G10004-MSD1)		**Source: W107057-01**		Prepared & Analyzed: 10-Jul-01						
Benzene	0.826	0.0050	mg/kg	0.800	ND	103	50-150	6.24	20	
Toluene	0.874	0.0050	"	0.800	ND	109	50-150	6.38	20	
Ethylbenzene	0.908	0.0050	"	0.800	ND	114	50-150	6.60	20	
Xylenes (total)	2.74	0.0050	"	2.40	ND	114	50-150	7.58	20	
Surrogate: a,a,a-Trifluorotoluene	*0.642*		"	*0.600*		*107*	*40-140*			

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Gettler Ryan, Inc. - Rancho Cordova	Project: Chevron	
3140 Gold Camp Drive #170	Project Number: Chevron # 9-4612	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Geoffrey D. Risse	11-Jul-01 16:19

MTBE by EPA Method 8260A - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1G10009 - EPA 5030B (P/T)										
Blank (1G10009-BLK1)				Prepared & Analyzed: 10-Jul-01						
Methyl tert-butyl ether	ND	0.20	mg/kg							
Surrogate: Dibromofluoromethane	*2.41*		"	*2.50*		*96.4*	*50-150*			
LCS (1G10009-BS1)				Prepared & Analyzed: 10-Jul-01						
Methyl tert-butyl ether	2.08	0.20	mg/kg	2.50		83.2	70-130			
Surrogate: Dibromofluoromethane	*2.33*		"	*2.50*		*93.2*	*50-150*			
Matrix Spike (1G10009-MS1)	**Source: W106530-03**			Prepared & Analyzed: 10-Jul-01						
Methyl tert-butyl ether	2.31	0.20	mg/kg	2.50	ND	92.4	60-150			
Surrogate: Dibromofluoromethane	*2.51*		"	*2.50*		*100*	*50-150*			
Matrix Spike Dup (1G10009-MSD1)	**Source: W106530-03**			Prepared & Analyzed: 10-Jul-01						
Methyl tert-butyl ether	2.49	0.20	mg/kg	2.50	ND	99.6	60-150	7.50	25	
Surrogate: Dibromofluoromethane	*2.39*		"	*2.50*		*95.6*	*50-150*			

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Gettler Ryan, Inc. - Rancho Cordova	Project: Chevron	
3140 Gold Camp Drive #170	Project Number: Chevron # 9-4612	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Geoffrey D. Risse	11-Jul-01 16:19

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

Origin of Sample Request

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

Chevron Facility Number 9-4612
Facility Address 3616 San Leandro St, Oakland
Consultant Project Number DC9461.2C.402
Consultant Name Getter-RyaN
Address 3140 Gold Camp Dr #170, Rancho Cordova
Project Contact (Name) Geoffrey P. Risse
(Phone) (916)631-1300 (Fax Number) (916)631-1317

Chevron Contact (Name) Tom Bauhs
(Phone)
Laboratory Name Sequoia Analytical
Laboratory Release Number
Samples Collected by (Name) Geoffrey P. Risse
Collection Date 7/3/01
Signature Geoffrey P. Risse

Analyses To Be Performed

WO#7057

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)	8260 MTBE	Bulk Density	Water Content	Soil Porosity	Permeability of Soil	Remarks
GP3-5.5		1	S	D	1220	ICE	Y	X								X					
GP1-6		1	S	D	925	ICE	Y	X								X					
GP2-6		1	S	D	1110	ICE	Y	X								X					Hold
GP3-14.5		1	S	D	1305	ICE	Y	X								X					Hold
GP2-12.5		1	S	D	1135	ICE	Y										X	X	X	X	Hold
GP3-12.5		1	S	D	1230	ICE	Y	X								X					Hold
GP2-14.5		1	S	D	1135	ICE	Y	X								X					Hold
GP2-12.5		1	S	D	1136	ICE	Y	X								X					Hold
GP3-8.5		1	S	D	1225	ICE	Y	X								X					Hold
GP1-15.5		1	S	D	1020	ICE	Y	X								X					Hold
GP1-6		1	S	D	925	ICE	Y	X									X	X	X	X	Hold
GP3-8.5		1	S	D	1225	ICE	Y	X									X	X	X	X	Hold
GP1-11		1	S	D	940	ICE	Y	X								X					Hold
GP2-8.5		1	S	D	1111	ICE	Y	X								X					Hold

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Geoffrey P. Risse	Getter-Ryan	7/3/01 1550		SEQ-WC	7/3/01 15:50
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

COC-3.DWG/03 91/MCH

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: 9-4612
Facility Address: 3616 San Leandro St
Consultant Project Number: VG9461 2.1.1 02
Consultant Name: Getter-Ryan INC
Address: 3140 Gold Camp Dr Ste 170, Rancho Cordova
Project Contact (Name): Geoffrey D. Risse
(Phone) (916) 631-1300 (Fax Number) (916) 631-1317

Chevron Contact (Name): Tom Kauhs
(Phone):
Laboratory Name: Sequoia
Laboratory Release Number:
Samples Collected by (Name): Geoffrey D. Risse
Collection Date: 7/3/01
Signature:

Analyses To Be Performed: W107057

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 (8260)	Bulk Density	Water Content	Soil Porosity	Permeability Soil pH	Remarks
GP1-9		1	S	D	930	ICE	Y	X								X					Hold
GP2-8.5G		1	S	D	1111	ICE	Y									X	X	X	X	X	Hold
GP3-15.5G		1	S	D	1030	ICE	Y									X	X	X	X	X	Hold

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Geoffrey D. Risse	Getter-Ryan	7/3/01 1550		Sequoia	7/3/01 15:50
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

COC-3.DWG/03 91/MCH