GETTLER-RYAN INC.

1364 North McDowell Blvd. Suite B2
Petaluma, CA 94954-1116
Phone (707) 789-3255, Fax (707) 789-3218

TRANSMITTAL

TO: Mr. Tom Bauhs
Chevron Products Company
P. O. Box 6004
San Ramon, CA 94583

DATE: July 16, 2001
PROJECT NO. 346389.02
SUBJECT: Service Station No. 9-0504
San Lorenzo

From: Jed Douglas

WE ARE SENDING YOU:

COPIES	DATED	DESCRIPTION
1	7/13/01	Underground Storage Tank Removal Observation Report

THESE ARE TRANSMITTED as checked below:

- ☐ For review and comment
- ☒ As Requested
- ☐ For Approval
- ☐ Approved as submitted
- ☐ Approved as noted
- ☐ Returned for corrections
- ☐ For your files
- ☒ For your use
- ☐ As noted below

COMMENTS:

JUL 19 2001

Signed: _____

COPIES TO: Mr. Tony Quijalvo – Chevron Products Company
Ms. Eva Chu – Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577

GETTLER-RYAN INC.

JUL 19 2001

July 13, 2001

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

Subject: **Underground Storage Tank Removal Observation Report**
Chevron Service Station No. 9-0504
15900 Hesperian Boulevard, San Lorenzo, California.

Mr. Bauhs:

At the request of Chevron Products Company (Chevron), Gettler-Ryan Inc. (GR) observed the removal of an Underground Storage Tank (UST) formerly containing waste oil, and performed confirmation soil sampling at the above referenced site. The purpose of the observation and soil sampling was to evaluate soil conditions beneath the former UST at the site. The scope of work included observing the removal of the UST, collecting and analyzing soil samples from beneath the former UST and from the stockpiled material excavated from around the tank, and preparing a report summarizing field activities and results.

SITE DESCRIPTION

The subject site is an operating Chevron service station situated on the north side of Hesperian Boulevard, adjacent to a shopping center access driveway, in San Lorenzo, California (Figure 1). Station facilities include three gasoline and one diesel USTs, three dispenser islands, and a station building with three repair bays (currently used for storage). A total of 11 groundwater monitoring wells and two vapor extraction wells have been installed at and in the site vicinity. Locations of the pertinent site features are shown on Figure 2.

FIELD ACTIVITIES

Construction work associated with the UST removal was performed by Wendt and Son's Construction, Inc. (Wendt) of Lodi, California. On June 8, 2001, GR observed Wendt remove one 1,000-gallon, double-walled fiberglass waste oil UST from the ground. The UST appeared to be in good condition, with no visible holes or cracks, other than a gouge in the tank wall which occurred during excavation. No groundwater was observed in the excavation. The UST was transported under manifest No. 20670900 (attached) to Ecology Control Industries' (ECI) yard in Richmond, California, for disposal.

Soil sampling was performed by GR personnel in accordance with GR's Field Methods and Procedures (attached). Soil samples collected during this investigation were delivered under chain-of-custody documentation to Sequoia Analytical, in Petaluma, California (ELAP #2374). Analytical methods and results are summarized in Table 1. Copies of the laboratory analytical and chain-of-custody records are

attached. Ms. Eva Chu of Alameda County Environmental Health Services (ACEHS) was present at the site to direct and observe collection of soil samples. Photographs from the tank removal are attached.

SOIL SAMPLING

One soil sample (WOT-11) was collected from native soil beneath the UST at a depth of approximately 11 feet below the ground surface. Native soil in the UST vicinity was clay, which appeared to be dry. The soil sample location is shown on Figure 2. Pea gravel removed from the excavation was stockpiled on the site, and a composite sample (SS-1) was collected as described in GR's Field Methods and Procedures. Upon approval from ACEHS, the stockpile was used as backfill for the excavation immediately after the UST was removed.

The soil sample from beneath the UST was analyzed for Total Petroleum Hydrocarbons as gasoline (TPHg) and diesel (TPHd) by EPA Method 8015 (Modified), benzene, toluene, ethylbenzene, xylenes (BTEX) by EPA Method 8020, Total oil and grease by Standard Method 5520, the metals cadmium, chromium, nickel, lead and zinc by EPA Method 6010, volatile organic compounds (VOCs) by EPA Method 8021, and semi-volatile organic compounds (SVOCs) by EPA Method 8270. In addition, the composite stockpile sample was analyzed for polychlorinated biphenyls (PCBs) by EPA Method 8082.

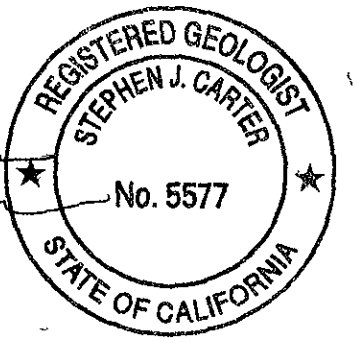
ANALYTICAL RESULTS

TPHg, TPHd, VOCs, SVOCs and PCBs were reported as non detect (ND) in both samples. TOG was reported at concentrations of 63 parts per million (ppm) in sample WOT-11 and 140 ppm in sample SS-1. Metal concentrations in both samples were within acceptable limits.

If you have any questions regarding this report, please feel free to call us at (707) 789-3255.

Sincerely,
Gettler-Ryan Inc.

Jed A. Douglas
Project Geologist



Stephen J. Carter
Senior Geologist
R.G. 5577

Attachments:
Table 1. Soil Chemical Analytical Data
Figure 1. Vicinity Map
Figure 2. Site Plan
Hazardous Waste Manifest
Site Photographs
GR Field Methods and Procedures
Laboratory Reports and Chain-of-Custody Forms

TABLE 1 - SOIL CHEMICAL ANALYTICAL DATA
Chevron Service Station No. 9-0504
15900 Hesperian Boulevard
San Lorenzo, California

Sample No.	Sample Depth (feet)	Date Collected	TPHg (ppm)	TPHd (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl-benzene (ppm)	Total Xylenes (ppm)	MtBE (ppm)	TOG (ppm)	VOCs (ppm)	SVOCs (ppm)	PCBs (ppm)	Total Lead (ppm)
WOT-11	11	6/8/01	<1.0	<5.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	63	ND [1]	ND [1]	NA	<7.5 [2]
Stockpile														
SS-1	--	6/8/01	<1.0	<5.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	140	ND [1]	ND [1]	ND [1]	7.4 [3]

EXPLANATION:

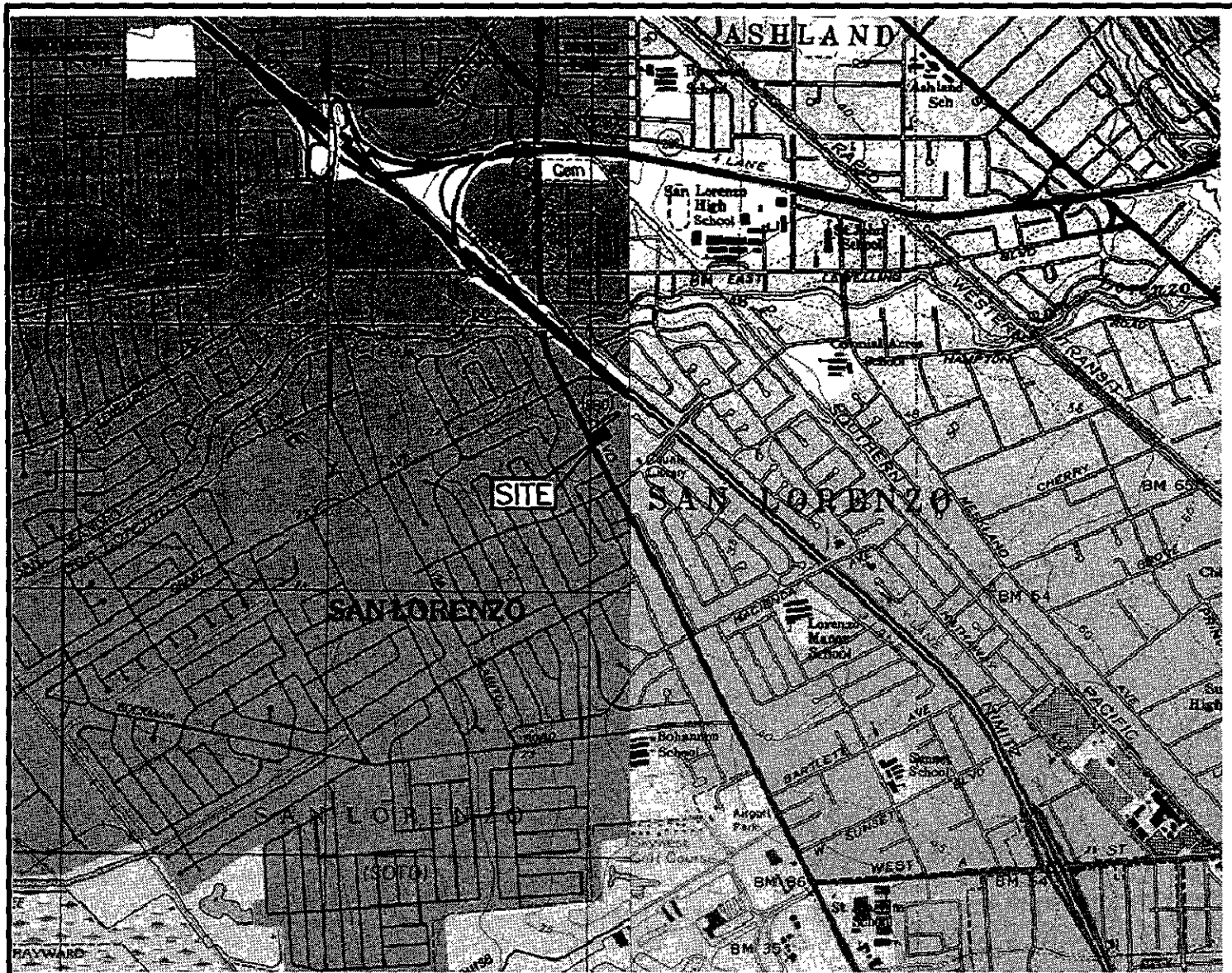
sample depth is in feet below ground surface
ppm = parts per million
<1.0 = analyte not detected at or above the listed laboratory reporting limit.
NA = not analyzed
-- = not applicable
[1] = All analytes were reported as not detected, refer to laboratory analytical report for specific analyte detection limits.
[2] = sample also analyzed for cadmium (<1.0 ppm), chromium (29 ppm), nickel (25 ppm) and zinc (33 ppm).
[3] = sample also analyzed for cadmium (<0.91 ppm), chromium (23 ppm), nickel (42 ppm) and zinc (37 ppm).

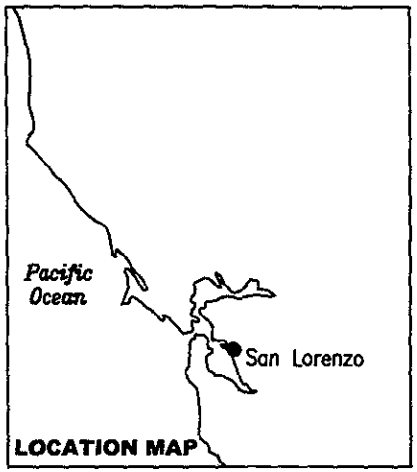
ANALYTICAL LABORATORY:

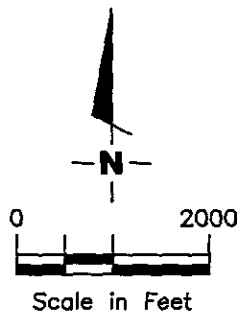
Sequoia Analytical Petaluma (ELAP #2374)

ANALYTICAL METHODS:

TPHg = Total Petroleum Hydrocarbons as gasoline according to EPA Method 8015 Modified
TPHd = Total Petroleum Hydrocarbons as diesel according to EPA Method 8015 Modified
Benzene, Toluene, Ethylbenzene, and Total Xylenes according to EPA Method 8020.
MtBE = methyl tertiary butyl ether according to EPA Method 8020.
TOG = total oil and grease according to state method 5520.
VOCs = volatile organic compounds according to EPA Method 8021.
SVOCs = semivolatile organic compounds according to EPA Method 8270.
PCBs = polychlorinated biphenyls according to EPA Method 8082.
Total metals according to EPA Method 6010.







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

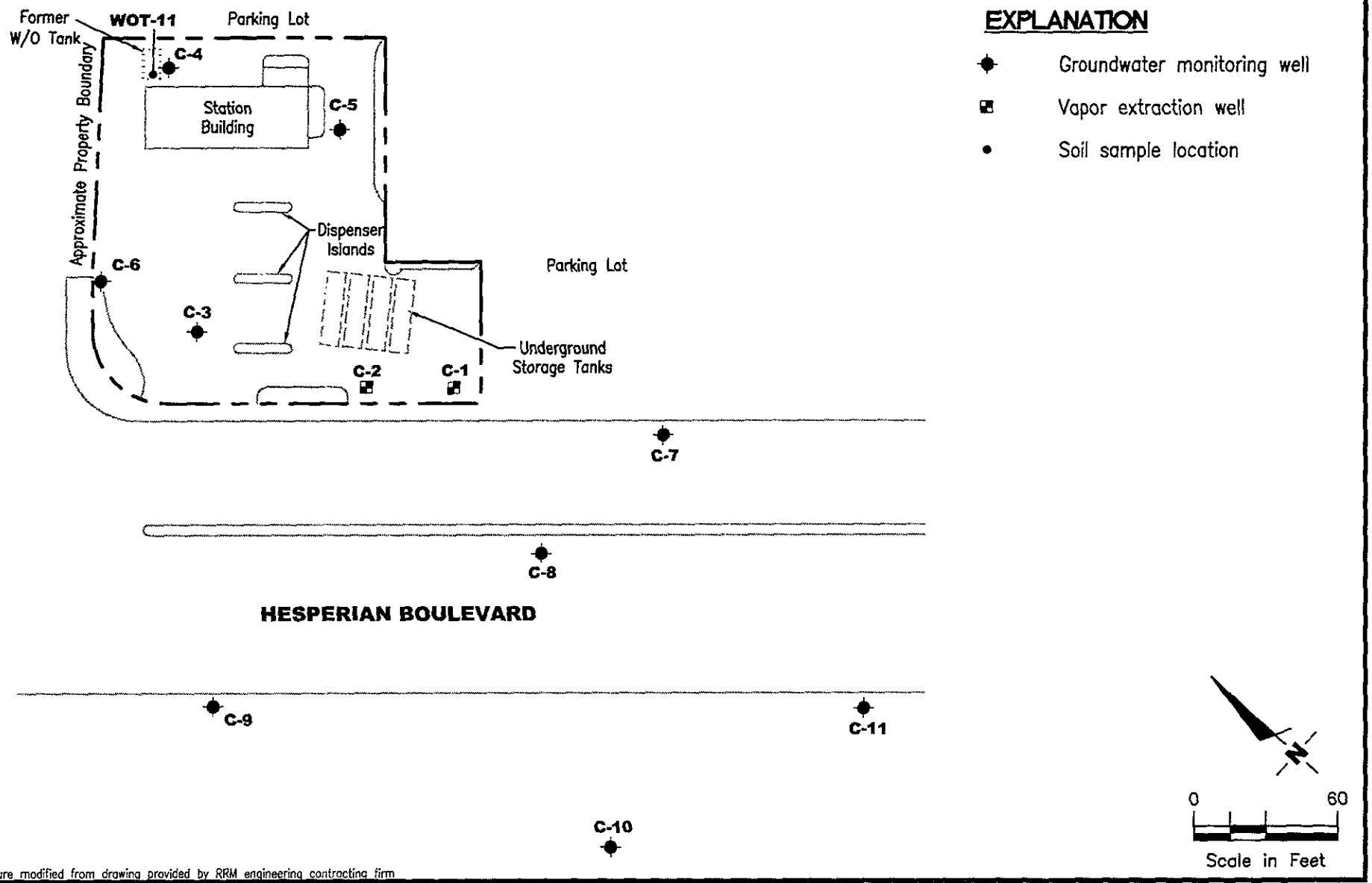
GETTLER - RYAN INC.
6747 Sierra Ct., Suite J
Dublin, CA 94568 (925) 551-7555

VICINITY MAP
Chevron Service Station No. 9-0504
15900 Hesperian Boulevard
San Lorenzo, California

FIGURE
1

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
345259		7/01	

FILE NAME: P:\ENVIRO\CHEVRON\9-0504\VIC-9-0504.DWG | Layout Tab: CA-North



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
Chevron Service Station No. 9-0504
15900 Hesperian Boulevard
San Lorenzo, California

FIGURE
2

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
345259		7/01	

FILE NAME: P:\ENVIRO\CHEVRON\9-0504\A01-9-0504.DWG | Layout Tab: Sampling Rpt 7-01

Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12 pitch) typewriter

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD000030011 — Manifest Document No. 70900 — 2. Page 1 of 1 — Information in the shaded areas is not required by Federal law

3. Generator's Name and Mailing Address
CHEVRON PRODUCTS COMPANY ATTN KATHY NORRIS
P O BOX 6004 SAN RAMON, CA 94583

4. Generator's Phone ( ) (925) 842-5931

A. State Manifest Document Number: 20670900

B. State Generator's ID: HYH036027483

5. Transporter 1 Company Name: Ecology Control Industries
6. US EPA ID Number: CAD982030173

C. State Transporter's ID [Reserved.]

D. Transporter's Phone: 510-235-1393

7. Transporter 2 Company Name
8. US EPA ID Number

E. State Transporter's ID [Reserved.]

F. Transporter's Phone

9. Designated Facility Name and Site Address
ECOLOGY CONTROL INDUSTRIES
265 PARR BLVD
RICHMOND, CA 94801

10. US EPA ID Number: CAD009466392

G. State Facility's ID

H. Facility's Phone: 510-235-1393

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. Waste Empty Storage Tanks Non-RCRA Hazardous Waste Solid	001	TP	00800	P	State 512 / EPA/Other NONE
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
QTY. 1 EMPTY STORAGE TANK(S) # 29148
TANKS HAVE BEEN INERTED WITH 15 LBS DRY ICE PER 1000 GALLONS CAPACITY.

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information
Wear appropriate protective clothing when handling.
24 Hour Emergency Telephone Number: 1(800) 231-0623
24 Hour Emergency Contact: Chevron Emergency Info Center ERG 171
STATION ADDRESS: Station # 9-0504 15900 HESPERIAN SAN LORENZO, CA

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: A.L. DeVALVO For CHEVRON Products Co. — Signature: A.L. DeValvo — Month 06 Day 08 Year 01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Cheryl Webster — Signature — Month 06 Day 08 Year 01

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name — Signature — Month Day Year

DO NOT WRITE BELOW THIS LINE.

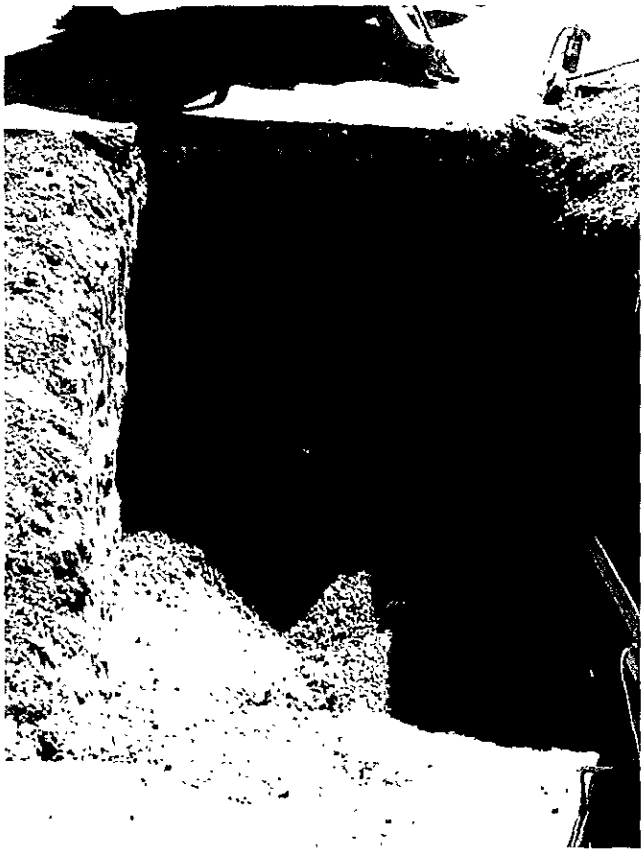
GENERATOR

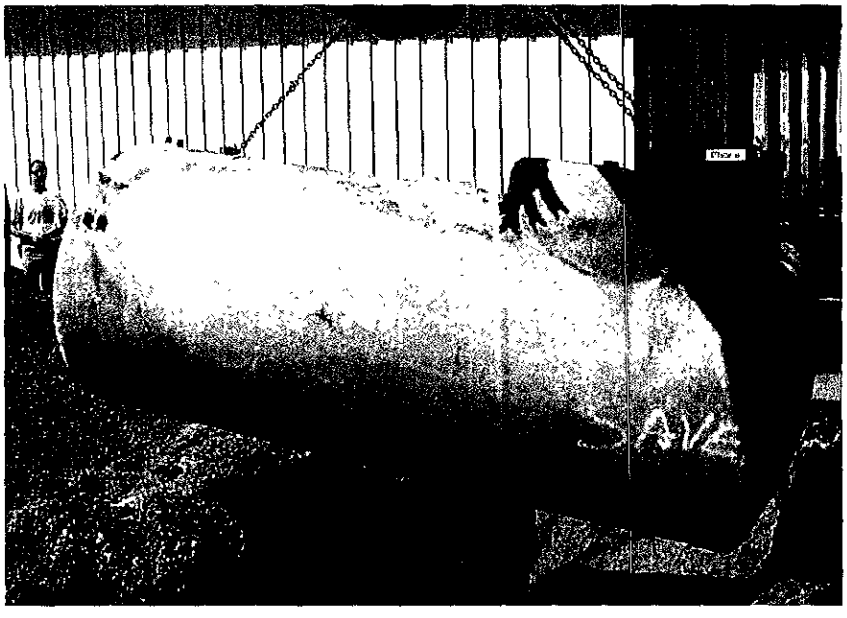
IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

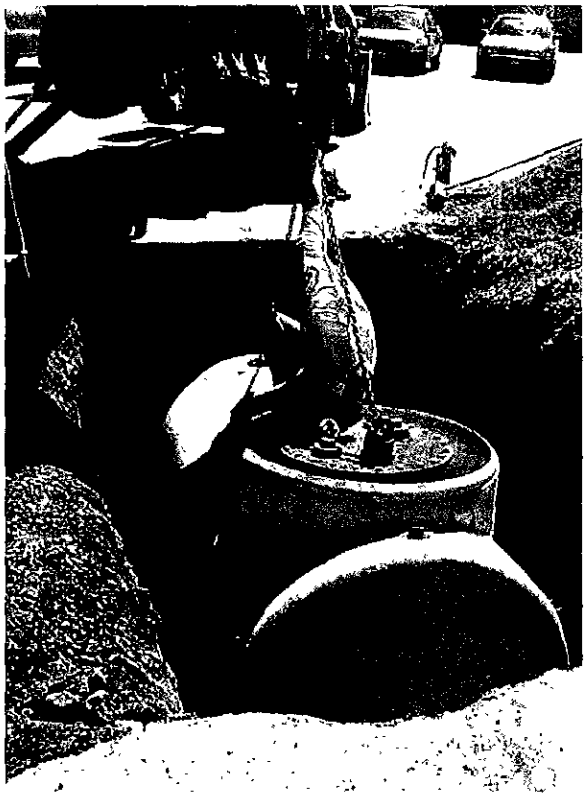
SOP SENDS THIS COPY TO DTSC WITHIN 30 DAYS
P.O. Box 3006, Sacramento, CA 95812

DTSC 8022A (1/99)
EPA 8700-22


29148







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.

Sequoia Analytical

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

June 19 , 2001

Steve Carter
Gettler-Ryan Rancho Cordova
3164 Gold Camp Drive #240
Rancho Cordova, CA 95670
RE: Chevron / P106133

Enclosed are the results of analyses for samples received by the laboratory on 06/08/01. 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

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Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

Gettler-Ryan Rancho Cordova	Project: Chevron	
3164 Gold Camp Drive #240	Project Number: 9-0504/15900 Hesperian Blvd.	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	06/19/01 16:51

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WOT-11	P106133-01	Soil	06/08/01 10:15	06/08/01 15:00
SS-1	P106133-02	Soil	06/08/01 10:20	06/08/01 15:00

Sequoia Analytical

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www.sequoialabs.com

Gettler-Ryan Rancho Cordova	Project: Chevron	
3164 Gold Camp Drive #240	Project Number: 9-0504/15900 Hesperian Blvd.	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	06/19/01 16:51

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
WOT-11 (P106133-01) Soil Sampled: 06/08/01 10:15 Received: 06/08/01 15:00									
Gasoline	ND	1.0	mg/kg	1	1060235	06/11/01	06/11/01	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		*83.8 %*	*65-135*		"	"	"	"	
SS-1 (P106133-02) Soil Sampled: 06/08/01 10:20 Received: 06/08/01 15:00									
Gasoline	ND	1.0	mg/kg	1	1060235	06/11/01	06/11/01	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		*96.2 %*	*65-135*		"	"	"	"	

Sequoia Analytical

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Petaluma, CA 94954
(707) 792-1865
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Gettler-Ryan Rancho Cordova	Project: Chevron	
3164 Gold Camp Drive #240	Project Number: 9-0504/15900 Hesperian Blvd.	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	06/19/01 16:51

Total Petroleum Hydrocarbons as Diesel & others by EPA 8015M

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WOT-11 (P106133-01) Soil Sampled: 06/08/01 10:15 Received: 06/08/01 15:00									
Diesel (C10-C24)	ND	5.0	mg/kg	1	1060256	06/11/01	06/13/01	EPA 8015M-SVOA	
Surrogate: o-Terphenyl		*90.7 %*		*50-150*	"	"	"	"	
SS-1 (P106133-02) Soil Sampled: 06/08/01 10:20 Received: 06/08/01 15:00									
Diesel (C10-C24)	ND	5.0	mg/kg	1	1060256	06/11/01	06/13/01	EPA 8015M-SVOA	
Surrogate: o-Terphenyl		*95.8 %*		*50-150*	"	"	"	"	

Sequoia Analytical

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Gettler-Ryan Rancho Cordova	Project: Chevron	
3164 Gold Camp Drive #240	Project Number: 9-0504/15900 Hesperian Blvd.	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	06/19/01 16:51

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WOT-11 (P106133-01) Soil Sampled: 06/08/01 10:15 Received: 06/08/01 15:00									
Cadmium	ND	1.0	mg/kg	1	1060283	06/11/01	06/11/01	EPA 6010B	
Chromium	**29**	1.0	"	"	"	"	"	"	
Nickel	**25**	3.0	"	"	"	"	"	"	
Lead	ND	7.5	"	"	"	"	"	"	
Zinc	**33**	2.0	"	"	"	"	"	"	
SS-1 (P106133-02) Soil Sampled: 06/08/01 10:20 Received: 06/08/01 15:00									
Cadmium	ND	0.91	mg/kg	1	1060283	06/11/01	06/11/01	EPA 6010B	
Chromium	**23**	0.91	"	"	"	"	"	"	
Nickel	**42**	2.7	"	"	"	"	"	"	
Lead	**7.4**	6.8	"	"	"	"	"	"	
Zinc	**37**	1.8	"	"	"	"	"	"	

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Gettler-Ryan Rancho Cordova	Project: Chevron	
3164 Gold Camp Drive #240	Project Number: 9-0504/15900 Hesperian Blvd.	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	06/19/01 16:51

Polychlorinated Biphenyls by EPA Method 8082

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-1 (P106133-02) Soil Sampled: 06/08/01 10:20 Received: 06/08/01 15:00									**C-01,C-06**
PCB-1016	ND	0.033	mg/kg	1	1060271	06/12/01	06/13/01	EPA 8082	
PCB-1221	ND	0.033	"	"	"	"	"	"	
PCB-1232	ND	0.033	"	"	"	"	"	"	
PCB-1242	ND	0.033	"	"	"	"	"	"	
PCB-1248	ND	0.033	"	"	"	"	"	"	
PCB-1254	ND	0.033	"	"	"	"	"	"	
PCB-1260	ND	0.033	"	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		*73.2 %*	*45.5-115*		"	"	"	"	

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Gettler-Ryan Rancho Cordova	Project: Chevron	
3164 Gold Camp Drive #240	Project Number 9-0504/15900 Hesperian Blvd.	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	06/19/01 16:51

Volatile Organic Compounds by EPA Method 8021B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WOT-11 (P106133-01) Soil Sampled: 06/08/01 10:15 Received: 06/08/01 15:00									
Bromodichloromethane	ND	0.050	mg/kg	1	1060189	06/11/01	06/11/01	EPA 8021B	
Bromoform	ND	0.050	"	"	"	"	"	"	
Bromomethane	ND	0.050	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.050	"	"	"	"	"	"	
Chlorobenzene	ND	0.050	"	"	"	"	"	"	
Chloroethane	ND	0.050	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	0.50	"	"	"	"	"	"	
Chloroform	ND	0.050	"	"	"	"	"	"	
Chloromethane	ND	0.050	"	"	"	"	"	"	
Dibromochloromethane	ND	0.050	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.050	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.050	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.050	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.050	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.050	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.050	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.050	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.050	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.050	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.050	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.050	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.050	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.050	"	"	"	"	"	"	
Freon 113	ND	0.050	"	"	"	"	"	"	
Methylene chloride	ND	0.050	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.050	"	"	"	"	"	"	
Tetrachloroethene	ND	0.050	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.050	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.050	"	"	"	"	"	"	
Trichloroethene	ND	0.050	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.050	"	"	"	"	"	"	
Vinyl chloride	ND	0.050	"	"	"	"	"	"	
Surrogate: Bromochloromethane		*114 %*	*65-135*		"	"	"	"	
Surrogate: 1,4-Dichlorobutane		*107 %*	*65-135*		"	"	"	"	

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Gettler-Ryan Rancho Cordova	Project: Chevron	
3164 Gold Camp Drive #240	Project Number: 9-0504/15900 Hesperian Blvd.	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	06/19/01 16:51

Volatile Organic Compounds by EPA Method 8021B

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-1 (P106133-02) Soil Sampled: 06/08/01 10:20 Received: 06/08/01 15:00									
Bromodichloromethane	ND	0.050	mg/kg	1	1060189	06/11/01	06/11/01	EPA 8021B	
Bromoform	ND	0.050	"	"	"	"	"	"	
Bromomethane	ND	0.050	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.050	"	"	"	"	"	"	
Chlorobenzene	ND	0.050	"	"	"	"	"	"	
Chloroethane	ND	0.050	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	0.50	"	"	"	"	"	"	
Chloroform	ND	0.050	"	"	"	"	"	"	
Chloromethane	ND	0.050	"	"	"	"	"	"	
Dibromochloromethane	ND	0.050	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.050	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.050	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.050	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.050	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.050	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.050	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.050	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.050	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.050	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.050	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.050	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.050	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.050	"	"	"	"	"	"	
Freon 113	ND	0.050	"	"	"	"	"	"	
Methylene chloride	ND	0.050	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.050	"	"	"	"	"	"	
Tetrachloroethene	ND	0.050	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.050	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.050	"	"	"	"	"	"	
Trichloroethene	ND	0.050	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.050	"	"	"	"	"	"	
Vinyl chloride	ND	0.050	"	"	"	"	"	"	
Surrogate: Bromochloromethane		*103 %*	*65-135*		"	"	"	"	
Surrogate: 1,4-Dichlorobutane		*106 %*	*65-135*		"	"	"	"	

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Gettler-Ryan Rancho Cordova	Project: Chevron	
3164 Gold Camp Drive #240	Project Number: 9-0504/15900 Hesperian Blvd.	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	06/19/01 16:51

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WOT-11 (P106133-01) Soil Sampled: 06/08/01 10:15 Received: 06/08/01 15:00									
Acenaphthene	ND	0.33	mg/kg	1	1060238	06/11/01	06/15/01	EPA 8270C	
Acenaphthylene	ND	0.33	"	"	"	"	"	"	
Anthracene	ND	0.33	"	"	"	"	"	"	
Benzidine	ND	1.7	"	"	"	"	"	"	
Benzoic acid	ND	1.7	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.33	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	0.33	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.33	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.33	"	"	"	"	"	"	
Benzyl alcohol	ND	0.66	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.33	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.33	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.33	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.33	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.33	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.33	"	"	"	"	"	"	
4-Chloroaniline	ND	0.66	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	0.66	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.33	"	"	"	"	"	"	
2-Chlorophenol	ND	0.33	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	0.33	"	"	"	"	"	"	
Chrysene	ND	0.33	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.33	"	"	"	"	"	"	
Dibenzofuran	ND	0.33	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.33	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.33	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.33	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.33	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	0.66	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	0.33	"	"	"	"	"	"	
Diethyl phthalate	ND	0.33	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	0.33	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.33	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1.7	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1.7	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.33	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.33	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.33	"	"	"	"	"	"	
Azobenzene	ND	0.33	"	"	"	"	"	"	
Fluoranthene	ND	0.33	"	"	"	"	"	"	

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Gettler-Ryan Rancho Cordova	Project: Chevron	
3164 Gold Camp Drive #240	Project Number: 9-0504/15900 Hesperian Blvd.	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	06/19/01 16:51

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WOT-11 (P106133-01) Soil Sampled: 06/08/01 10:15 Received: 06/08/01 15:00									
Fluorene	ND	0.33	mg/kg	1	1060238	06/11/01	06/15/01	EPA 8270C	
Hexachlorobenzene	ND	0.33	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.33	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	0.33	"	"	"	"	"	"	
Hexachloroethane	ND	0.33	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.33	"	"	"	"	"	"	
Isophorone	ND	0.33	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.33	"	"	"	"	"	"	
2-Methylphenol	ND	0.33	"	"	"	"	"	"	
4-Methylphenol	ND	0.33	"	"	"	"	"	"	
Naphthalene	ND	0.33	"	"	"	"	"	"	
2-Nitroaniline	ND	1.7	"	"	"	"	"	"	
3-Nitroaniline	ND	1.7	"	"	"	"	"	"	
4-Nitroaniline	ND	1.7	"	"	"	"	"	"	
Nitrobenzene	ND	0.33	"	"	"	"	"	"	
2-Nitrophenol	ND	0.33	"	"	"	"	"	"	
4-Nitrophenol	ND	1.7	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	0.33	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.33	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.33	"	"	"	"	"	"	
Pentachlorophenol	ND	1.7	"	"	"	"	"	"	
Phenanthrene	ND	0.33	"	"	"	"	"	"	
Phenol	ND	0.33	"	"	"	"	"	"	
Pyrene	ND	0.33	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.33	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	0.33	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	0.33	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*80.6 %*	*11-120*		"	"	"	"	
Surrogate: Phenol-d6		*84.4 %*	*16-130*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*89.8 %*	*16-126*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*81.4 %*	*28-134*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*115 %*	*51-144*		"	"	"	"	
Surrogate: Terphenyl-d14		*88.0 %*	*64-119*		"	"	"	"	

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Gettler-Ryan Rancho Cordova	Project: Chevron	
3164 Gold Camp Drive #240	Project Number: 9-0504/15900 Hesperian Blvd.	Reported:
Rancho Cordova CA, 95670	Project Manager: Steve Carter	06/19/01 16:51

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-1 (P106133-02) Soil Sampled: 06/08/01 10:20 Received: 06/08/01 15:00									
Acenaphthene	ND	0.33	mg/kg	1	1060238	06/11/01	06/18/01	EPA 8270C	
Acenaphthylene	ND	0.33	"	"	"	"	"	"	
Anthracene	ND	0.33	"	"	"	"	"	"	
Benzidine	ND	1.7	"	"	"	"	"	"	
Benzoic acid	ND	1.7	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.33	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	0.33	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.33	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.33	"	"	"	"	"	"	
Benzyl alcohol	ND	0.66	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.33	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.33	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.33	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.33	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.33	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.33	"	"	"	"	"	"	
4-Chloroaniline	ND	0.66	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	0.66	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.33	"	"	"	"	"	"	
2-Chlorophenol	ND	0.33	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	0.33	"	"	"	"	"	"	
Chrysene	ND	0.33	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.33	"	"	"	"	"	"	
Dibenzofuran	ND	0.33	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.33	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.33	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.33	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.33	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	0.66	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	0.33	"	"	"	"	"	"	
Diethyl phthalate	ND	0.33	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	0.33	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.33	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1.7	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	1.7	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.33	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.33	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.33	"	"	"	"	"	"	
Azobenzene	ND	0.33	"	"	"	"	"	"	
Fluoranthene	ND	0.33	"	"	"	"	"	"	

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Gettler-Ryan Rancho Cordova	Project: Chevron	
3164 Gold Camp Drive #240	Project Number: 9-0504/15900 Hesperian Blvd.	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	06/19/01 16:51

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-1 (P106133-02) Soil Sampled: 06/08/01 10:20 Received: 06/08/01 15:00									
Fluorene	ND	0.33	mg/kg	1	1060238	06/11/01	06/18/01	EPA 8270C	
Hexachlorobenzene	ND	0.33	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.33	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	0.33	"	"	"	"	"	"	
Hexachloroethane	ND	0.33	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.33	"	"	"	"	"	"	
Isophorone	ND	0.33	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.33	"	"	"	"	"	"	
2-Methylphenol	ND	0.33	"	"	"	"	"	"	
4-Methylphenol	ND	0.33	"	"	"	"	"	"	
Naphthalene	ND	0.33	"	"	"	"	"	"	
2-Nitroaniline	ND	1.7	"	"	"	"	"	"	
3-Nitroaniline	ND	1.7	"	"	"	"	"	"	
4-Nitroaniline	ND	1.7	"	"	"	"	"	"	
Nitrobenzene	ND	0.33	"	"	"	"	"	"	
2-Nitrophenol	ND	0.33	"	"	"	"	"	"	
4-Nitrophenol	ND	1.7	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	0.33	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.33	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.33	"	"	"	"	"	"	
Pentachlorophenol	ND	1.7	"	"	"	"	"	"	
Phenanthrene	ND	0.33	"	"	"	"	"	"	
Phenol	ND	0.33	"	"	"	"	"	"	
Pyrene	ND	0.33	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.33	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	0.33	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	0.33	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*38.2 %*	*11-120*		"	"	"	"	
Surrogate: Phenol-d6		*39.4 %*	*16-130*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*38.7 %*	*16-126*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*36.3 %*	*28-134*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*47.0 %*	*51-144*		"	"	"	"	*S-AC*
Surrogate: Terphenyl-d14		*40.8 %*	*64-119*		"	"	"	"	*S-BN*

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Gettler-Ryan Rancho Cordova	Project: Chevron	
3164 Gold Camp Drive #240	Project Number: 9-0504/15900 Hesperian Blvd.	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	06/19/01 16:51

Conventional Chemistry Parameters by APHA/EPA Methods

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WOT-11 (P106133-01) Soil Sampled: 06/08/01 10:15 Received: 06/08/01 15:00									
Oil & Grease	**63**	50	mg/kg	1	1060268	06/12/01	06/13/01	SM 5520E	
SS-1 (P106133-02) Soil Sampled: 06/08/01 10:20 Received: 06/08/01 15:00									
Oil & Grease	**140**	50	mg/kg	1	1060268	06/12/01	06/13/01	SM 5520E	

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Gettler-Ryan Rancho Cordova	Project: Chevron	
3164 Gold Camp Drive #240	Project Number: 9-0504/15900 Hesperian Blvd.	Reported:
Rancho Cordova CA, 95670	Project Manager: Steve Carter	06/19/01 16:51

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 1060235 - EPA 5030, soils										
Blank (1060235-BLK1)				Prepared & Analyzed: 06/11/01						
Gasoline	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	*0.595*		"	*0.600*		*99.2*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.603*		"	*0.600*		*100*	*65-135*			
LCS (1060235-BS1)				Prepared & Analyzed: 06/11/01						
Gasoline	5.32	1.0	mg/kg	5.50		96.7	65-135			
Benzene	0.0855	0.0050	"	0.0640		134	65-135			
Toluene	0.410	0.0050	"	0.386		106	65-135			
Ethylbenzene	0.0916	0.0050	"	0.0920		99.6	65-135			
Xylenes (total)	0.502	0.0050	"	0.462		109	65-135			
Methyl tert-butyl ether	0.116	0.050	"	0.104		112	65-135			
Surrogate: a,a,a-Trifluorotoluene	*0.581*		"	*0.600*		*96.8*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.595*		"	*0.600*		*99.2*	*65-135*			
Matrix Spike (1060235-MS1)	***Source: P106141-01***			Prepared & Analyzed: 06/11/01						
Gasoline	4.87	1.0	mg/kg	5.50	ND	88.5	65-135			
Benzene	0.0738	0.0050	"	0.0640	ND	115	65-135			
Toluene	0.424	0.0050	"	0.386	ND	110	65-135			
Ethylbenzene	0.0945	0.0050	"	0.0920	ND	103	65-135			
Xylenes (total)	0.512	0.0050	"	0.462	ND	111	65-135			
Methyl tert-butyl ether	0.132	0.050	"	0.104	ND	127	65-135			
Surrogate: a,a,a-Trifluorotoluene	*0.606*		"	*0.600*		*101*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.611*		"	*0.600*		*102*	*65-135*			

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Gettler-Ryan Rancho Cordova	Project: Chevron	
3164 Gold Camp Drive #240	Project Number: 9-0504/15900 Hesperian Blvd.	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	06/19/01 16:51

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 1060235 - EPA 5030, soils										
Matrix Spike Dup (1060235-MSD1)	**Source: P106141-01**			Prepared & Analyzed: 06/11/01						
Gasoline	4.78	1.0	mg/kg	5.50	ND	86.9	65-135	1.87	20	
Benzene	0.0764	0.0050	"	0.0640	ND	119	65-135	3.46	20	
Toluene	0.431	0.0050	"	0.386	ND	112	65-135	1.64	20	
Ethylbenzene	0.0973	0.0050	"	0.0920	ND	106	65-135	2.92	20	
Xylenes (total)	0.529	0.0050	"	0.462	ND	115	65-135	3.27	20	
Methyl tert-butyl ether	0.131	0.050	"	0.104	ND	126	65-135	0.760	20	
Surrogate: a,a,a-Trifluorotoluene	*0.605*		"	*0.600*		*101*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.597*		"	*0.600*		*99.5*	*65-135*			

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Gettler-Ryan Rancho Cordova	Project: Chevron	
3164 Gold Camp Drive #240	Project Number: 9-0504/15900 Hesperian Blvd.	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	06/19/01 16:51

Total Petroleum Hydrocarbons as Diesel & others by EPA 8015M - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1060256 - CA LUFT - orb shaker										
Blank (1060256-BLK1)				Prepared: 06/11/01 Analyzed: 06/12/01						
Diesel (C10-C24)	ND	5.0	mg/kg							
Surrogate: o-Terphenyl	*3.46*		"	*3.33*		*104*	*50-150*			
LCS (1060256-BS1)				Prepared: 06/11/01 Analyzed: 06/12/01						
Diesel (C10-C24)	29.6	5.0	mg/kg	33.3		88.9	50-150			
Surrogate: o-Terphenyl	*2.88*		"	*3.33*		*86.5*	*50-150*			
Matrix Spike (1060256-MS1)	**Source: P106133-01**			Prepared: 06/11/01 Analyzed: 06/12/01						
Diesel (C10-C24)	28.1	5.0	mg/kg	33.3	ND	79 6	50-150			
Surrogate· o-Terphenyl	*2.67*		"	*3.33*		*80.2*	*50-150*			
Matrix Spike Dup (1060256-MSD1)	**Source: P106133-01**			Prepared: 06/11/01 Analyzed: 06/12/01						
Diesel (C10-C24)	26.6	5.0	mg/kg	33.3	ND	75.1	50-150	5.48	35	
Surrogate: o-Terphenyl	*2.70*		"	*3.33*		*81.1*	*50-150*			

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Gettler-Ryan Rancho Cordova	Project: Chevron	
3164 Gold Camp Drive #240	Project Number: 9-0504/15900 Hesperian Blvd.	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	06/19/01 16:51

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 1060283 - EPA 3050B										
Blank (1060283-BLK1)				Prepared & Analyzed: 06/11/01						
Cadmium	ND	1.0	mg/kg							
Chromium	ND	1.0	"							
Lead	ND	7.5	"							
Nickel	ND	3.0	"							
Zinc	ND	2.0	"							
LCS (1060283-BS1)				Prepared & Analyzed: 06/11/01						
Cadmium	4.67	1.0	mg/kg	5.00		93.4	80-120			
Chromium	47.1	1.0	"	50.0		94.2	80-120			
Lead	47.3	7.5	"	50.0		94.6	80-120			
Nickel	48.3	3.0	"	50.0		96.6	80-120			
Zinc	45.6	2.0	"	50.0		91.2	80-120			
Matrix Spike (1060283-MS1)		**Source: P106036-01**		Prepared & Analyzed: 06/11/01						
Cadmium	3.56	0.85	mg/kg	4.24	ND	76.4	75-125			
Chromium	36.5	0.85	"	42.4	2.1	81.1	75-125			
Lead	37.1	6.4	"	42.4	ND	76.9	75-125			
Nickel	34.5	2.5	"	42.4	2.5	75.5	75-125			
Zinc	70.6	1.7	"	42.4	35	84.0	75-125			
Matrix Spike Dup (1060283-MSD1)		**Source: P106036-01**		Prepared & Analyzed: 06/11/01						
Cadmium	2.88	0.88	mg/kg	4.39	ND	58.3	75-125	21.1	35	QM-07
Chromium	27.5	0.88	"	43.9	2.1	57.9	75-125	28.1	35	QM-07
Lead	30.5	6.6	"	43.9	ND	59.2	75-125	19.5	35	QM-07
Nickel	27.0	2.6	"	43.9	ND	55.8	75-125	24.4	35	QM-07
Zinc	70.5	1.8	"	43.9	35	80.9	75-125	0.142	35	

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Gettler-Ryan Rancho Cordova	Project: Chevron	
3164 Gold Camp Drive #240	Project Number: 9-0504/15900 Hesperian Blvd.	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	06/19/01 16:51

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1060271 - EPA 3550A										
Blank (1060271-BLK1)				Prepared: 06/12/01	Analyzed: 06/13/01					**C-01,C-06**
PCB-1016	ND	0.033	mg/kg							
PCB-1221	ND	0.033	"							
PCB-1232	ND	0.033	"							
PCB-1242	ND	0.033	"							
PCB-1248	ND	0.033	"							
PCB-1254	ND	0.033	"							
PCB-1260	ND	0.033	"							
Surrogate: Decachlorobiphenyl	*0.0584*		"	*0.0667*		*87.6*	*45.5-115*			
LCS (1060271-BS1)				Prepared: 06/12/01	Analyzed: 06/13/01					**C-01,C-06**
PCB-1016	0.296	0.033	mg/kg	0.333		88.9	56.9-115			
PCB-1260	0.294	0.033	"	0.333		88.3	71.4-120			
Surrogate: Decachlorobiphenyl	*0.0605*		"	*0.0667*		*90.7*	*45.5-115*			
Matrix Spike (1060271-MS1)		**Source: P106183-01**		Prepared: 06/12/01	Analyzed: 06/13/01					**C-01,C-06**
PCB-1016	0.417	0.033	mg/kg	0.333	ND	125	23.3-142			
PCB-1260	0.459	0.033	"	0.333	0.17	86.8	27.5-148			
Surrogate: Decachlorobiphenyl	*0.0527*		"	*0.0667*		*79.0*	*45.5-115*			
Matrix Spike Dup (1060271-MSD1)		**Source: P106183-01**		Prepared: 06/12/01	Analyzed: 06/13/01					**C-01,C-06**
PCB-1016	0.317	0.033	mg/kg	0.333	ND	95.2	23.3-142	27.2	35	
PCB-1260	0.371	0.033	"	0.333	0.17	60.4	27.5-148	21.2	35	
Surrogate: Decachlorobiphenyl	*0.0519*		"	*0.0667*		*77.8*	*45.5-115*			

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Gettler-Ryan Rancho Cordova	Project: Chevron	
3164 Gold Camp Drive #240	Project Number: 9-0504/15900 Hesperian Blvd.	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	06/19/01 16:51

Volatile Organic Compounds by EPA Method 8021B - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1060189 - EPA 5030, soils MeOH										
Blank (1060189-BLK1)			Prepared & Analyzed: 06/11/01							
Bromodichloromethane	ND	0.050	mg/kg							
Bromoform	ND	0.050	"							
Bromomethane	ND	0.050	"							
Carbon tetrachloride	ND	0.050	"							
Chlorobenzene	ND	0.050	"							
Chloroethane	ND	0.050	"							
2-Chloroethylvinyl ether	ND	0.50	"							
Chloroform	ND	0.050	"							
Chloromethane	ND	0.050	"							
Dibromochloromethane	ND	0.050	"							
1,2-Dibromoethane (EDB)	ND	0.050	"							
1,2-Dichlorobenzene	ND	0.050	"							
1,3-Dichlorobenzene	ND	0.050	"							
1,4-Dichlorobenzene	ND	0.050	"							
Dichlorodifluoromethane	ND	0.050	"							
1,1-Dichloroethane	ND	0.050	"							
1,2-Dichloroethane	ND	0.050	"							
1,1-Dichloroethene	ND	0.050	"							
cis-1,2-Dichloroethene	ND	0.050	"							
trans-1,2-Dichloroethene	ND	0.050	"							
1,2-Dichloropropane	ND	0.050	"							
cis-1,3-Dichloropropene	ND	0.050	"							
trans-1,3-Dichloropropene	ND	0.050	"							
Freon 113	ND	0.050	"							
Methylene chloride	ND	0.050	"							
1,1,2,2-Tetrachloroethane	ND	0.050	"							
Tetrachloroethene	ND	0.050	"							
1,1,2-Trichloroethane	ND	0.050	"							
1,1,1-Trichloroethane	ND	0.050	"							
Trichloroethene	ND	0.050	"							
Trichlorofluoromethane	ND	0.050	"							
Vinyl chloride	ND	0.050	"							
Surrogate: Bromochloromethane	*3.23*		"	*3.00*		*108*	*65-135*			
Surrogate: 1,4-Dichlorobutane	*3.16*		"	*3.00*		*105*	*65-135*			

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Gettler-Ryan Rancho Cordova	Project: Chevron	
3164 Gold Camp Drive #240	Project Number: 9-0504/15900 Hesperian Blvd.	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	06/19/01 16:51

Volatile Organic Compounds by EPA Method 8021B - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1060189 - EPA 5030, soils MeOH										
LCS (1060189-BS1)				Prepared & Analyzed: 06/11/01						
Chlorobenzene	1.24	0.050	mg/kg	1.00		124	65-135			
1,1-Dichloroethene	1.09	0.050	"	1.00		109	65-135			
Trichloroethene	1.19	0.050	"	1.00		119	65-135			
Surrogate: Bromochloromethane	*3.31*		"	*3.00*		*110*	*65-135*			
Surrogate: 1,4-Dichlorobutane	*2.98*		"	*3.00*		*99.3*	*65-135*			
Matrix Spike (1060189-MS1)		**Source: P106093-01**		Prepared & Analyzed: 06/11/01						
Chlorobenzene	1.12	0.050	mg/kg	1.00	ND	112	65-135			
1,1-Dichloroethene	0.865	0.050	"	1.00	ND	86.5	65-135			
Trichloroethene	1.09	0.050	"	1.00	ND	109	65-135			
Surrogate: Bromochloromethane	*3.14*		"	*3.00*		*105*	*65-135*			
Surrogate: 1,4-Dichlorobutane	*2.95*		"	*3.00*		*98.3*	*65-135*			
Matrix Spike Dup (1060189-MSD1)		**Source: P106093-01**		Prepared & Analyzed: 06/11/01						
Chlorobenzene	1.18	0.050	mg/kg	1.00	ND	118	65-135	5.22	35	
1,1-Dichloroethene	0.952	0.050	"	1.00	ND	95.2	65-135	9.58	35	
Trichloroethene	1.15	0.050	"	1.00	ND	115	65-135	5.36	35	
Surrogate: Bromochloromethane	*3.41*		"	*3.00*		*114*	*65-135*			
Surrogate: 1,4-Dichlorobutane	*3.31*		"	*3.00*		*110*	*65-135*			

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Gettler-Ryan Rancho Cordova	Project: Chevron	
3164 Gold Camp Drive #240	Project Number: 9-0504/15900 Hesperian Blvd.	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	06/19/01 16:51

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1060238 - EPA 3550A Sonication										
Blank (1060238-BLK1)				Prepared: 06/11/01 Analyzed: 06/15/01						
Acenaphthene	ND	0.33	mg/kg							
Acenaphthylene	ND	0.33	"							
Anthracene	ND	0.33	"							
Benzidine	ND	1.7	"							
Benzoic acid	ND	1.7	"							
Benzo (a) anthracene	ND	0.33	"							
Benzo (b+k) fluoranthene (total)	ND	0.33	"							
Benzo (g,h,i) perylene	ND	0.33	"							
Benzo (a) pyrene	ND	0.33	"							
Benzyl alcohol	ND	0.66	"							
Bis(2-chloroethoxy)methane	ND	0.33	"							
Bis(2-chloroethyl)ether	ND	0.33	"							
Bis(2-chloroisopropyl)ether	ND	0.33	"							
Bis(2-ethylhexyl)phthalate	ND	0.33	"							
4-Bromophenyl phenyl ether	ND	0.33	"							
Butyl benzyl phthalate	ND	0.33	"							
4-Chloroaniline	ND	0.66	"							
4-Chloro-3-methylphenol	ND	0.66	"							
2-Chloronaphthalene	ND	0.33	"							
2-Chlorophenol	ND	0.33	"							
4-Chlorophenyl phenyl ether	ND	0.33	"							
Chrysene	ND	0.33	"							
Dibenz (a,h) anthracene	ND	0.33	"							
Dibenzofuran	ND	0.33	"							
Di-n-butyl phthalate	ND	0.33	"							
1,2-Dichlorobenzene	ND	0.33	"							
1,3-Dichlorobenzene	ND	0.33	"							
1,4-Dichlorobenzene	ND	0.33	"							
3,3'-Dichlorobenzidine	ND	0.66	"							
2,4-Dichlorophenol	ND	0.33	"							
Diethyl phthalate	ND	0.33	"							
2,4-Dimethylphenol	ND	0.33	"							
Dimethyl phthalate	ND	0.33	"							
4,6-Dinitro-2-methylphenol	ND	1.7	"							
2,4-Dinitrophenol	ND	1.7	"							
2,4-Dinitrotoluene	ND	0.33	"							

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Gettler-Ryan Rancho Cordova	Project: Chevron	
3164 Gold Camp Drive #240	Project Number: 9-0504/15900 Hesperian Blvd.	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	06/19/01 16:51

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1060238 - EPA 3550A Sonication										
Blank (1060238-BLK1)				Prepared: 06/11/01 Analyzed: 06/15/01						
2,6-Dinitrotoluene	ND	0.33	mg/kg							
Di-n-octyl phthalate	ND	0.33	"							
Azobenzene	ND	0.33	"							
Fluoranthene	ND	0.33	"							
Fluorene	ND	0.33	"							
Hexachlorobenzene	ND	0.33	"							
Hexachlorobutadiene	ND	0.33	"							
Hexachlorocyclopentadiene	ND	0.33	"							
Hexachloroethane	ND	0.33	"							
Indeno (1,2,3-cd) pyrene	ND	0.33	"							
Isophorone	ND	0.33	"							
2-Methylnaphthalene	ND	0.33	"							
2-Methylphenol	ND	0.33	"							
4-Methylphenol	ND	0.33	"							
Naphthalene	ND	0.33	"							
2-Nitroaniline	ND	1.7	"							
3-Nitroaniline	ND	1.7	"							
4-Nitroaniline	ND	1.7	"							
Nitrobenzene	ND	0.33	"							
2-Nitrophenol	ND	0.33	"							
4-Nitrophenol	ND	1.7	"							
N-Nitrosodimethylamine	ND	0.33	"							
N-Nitrosodiphenylamine	ND	0.33	"							
N-Nitrosodi-n-propylamine	ND	0.33	"							
Pentachlorophenol	ND	1.7	"							
Phenanthrene	ND	0.33	"							
Phenol	ND	0.33	"							
Pyrene	ND	0.33	"							
1,2,4-Trichlorobenzene	ND	0.33	"							
2,4,5-Trichlorophenol	ND	0.33	"							
2,4,6-Trichlorophenol	ND	0.33	"							
Surrogate: 2-Fluorophenol	*3.18*		"	*5.00*		*63.6*	*11-120*			
Surrogate: Phenol-d6	*3.42*		"	*5.00*		*68.4*	*16-130*			
Surrogate: Nitrobenzene-d5	*2.38*		"	*3.33*		*71.5*	*16-126*			
Surrogate: 2-Fluorobiphenyl	*2.55*		"	*3.33*		*76.6*	*28-134*			

Sequoia Analytical

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Gettler-Ryan Rancho Cordova	Project: Chevron	
3164 Gold Camp Drive #240	Project Number: 9-0504/15900 Hesperian Blvd.	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	06/19/01 16:51

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1060238 - EPA 3550A Sonication										
Blank (1060238-BLK1)				Prepared: 06/11/01 Analyzed: 06/15/01						
Surrogate: 2,4,6-Tribromophenol	*5.24*		*mg/kg*	*5.00*		*105*	*51-144*			
Surrogate: Terphenyl-d14	*3.04*		"	*3.33*		*91.3*	*64-119*			
LCS (1060238-BS1)				Prepared: 06/11/01 Analyzed: 06/15/01						
Acenaphthene	2.74	0.33	mg/kg	3.33		82.3	34-114			
4-Chloro-3-methylphenol	2.82	0.66	"	3.33		84.7	24-118			
2-Chlorophenol	2.54	0.33	"	3.33		76.3	29-101			
1,4-Dichlorobenzene	2.40	0.33	"	3.33		72.1	25-104			
2,4-Dinitrotoluene	2.96	0.33	"	3.33		88.9	42-116			
4-Nitrophenol	3.03	1.7	"	3.33		91.0	31-109			
N-Nitrosodi-n-propylamine	2.71	0.33	"	3.33		81.4	23-117			
Pentachlorophenol	3.07	1.7	"	3.33		92.2	34-114			
Phenol	2.30	0.33	"	3.33		69.1	20-105			
Pyrene	2.75	0.33	"	3.33		82.6	30-124			
1,2,4-Trichlorobenzene	2.56	0.33	"	3.33		76.9	28-112			
Surrogate: 2-Fluorophenol	*3.63*		"	*5.00*		*72.6*	*11-120*			
Surrogate: Phenol-d6	*3.83*		"	*5.00*		*76.6*	*16-130*			
Surrogate: Nitrobenzene-d5	*2.59*		"	*3.33*		*77.8*	*16-126*			
Surrogate: 2-Fluorobiphenyl	*2.90*		"	*3.33*		*87.1*	*28-134*			
Surrogate: 2,4,6-Tribromophenol	*4.61*		"	*5.00*		*92.2*	*51-144*			
Surrogate: Terphenyl-d14	*2.94*		"	*3.33*		*88.3*	*64-119*			
Matrix Spike (1060238-MS1)		**Source: P106133-02**		Prepared: 06/11/01 Analyzed: 06/15/01						
Acenaphthene	2.61	0.33	mg/kg	3.33	ND	78.4	30-110			
4-Chloro-3-methylphenol	2.72	0.66	"	3.33	ND	81.7	27-109			
2-Chlorophenol	2.20	0.33	"	3.33	ND	66.1	24-98			
1,4-Dichlorobenzene	2.07	0.33	"	3.33	ND	62.2	24-89			
2,4-Dinitrotoluene	2.96	0.33	"	3.33	ND	88.9	35-110			
4-Nitrophenol	2.99	1.7	"	3.33	ND	89.8	20-110			
N-Nitrosodi-n-propylamine	2.40	0.33	"	3.33	ND	72.1	23-109			
Pentachlorophenol	3.07	1.7	"	3.33	ND	92.2	25-123			
Phenol	2.03	0.33	"	3.33	ND	61.0	19-100			
Pyrene	2.80	0.33	"	3.33	ND	84.1	12-131			
1,2,4-Trichlorobenzene	2.34	0.33	"	3.33	ND	70.3	17-110			
Surrogate: 2-Fluorophenol	*3.11*		"	*5.00*		*62.2*	*11-120*			
Surrogate: Phenol-d6	*3.32*		"	*5.00*		*66.4*	*16-130*			

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Gettler-Ryan Rancho Cordova	Project: Chevron	
3164 Gold Camp Drive #240	Project Number: 9-0504/15900 Hesperian Blvd.	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	06/19/01 16:51

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1060238 - EPA 3550A Sonication										
Matrix Spike (1060238-MS1)	**Source: P106133-02**			Prepared: 06/11/01		Analyzed: 06/15/01				
Surrogate: Nitrobenzene-d5	*2.32*		*mg/kg*	*3.33*		*69.7*	*16-126*			
Surrogate: 2-Fluorobiphenyl	*2.65*		*"*	*3.33*		*79.6*	*28-134*			
Surrogate: 2,4,6-Tribromophenol	*4.50*		*"*	*5.00*		*90.0*	*51-144*			
Surrogate: Terphenyl-d14	*2.90*		*"*	*3.33*		*87.1*	*64-119*			
Matrix Spike Dup (1060238-MSD1)	**Source: P106133-02**			Prepared: 06/11/01		Analyzed: 06/15/01				
Acenaphthene	2.61	0.33	mg/kg	3.33	ND	78.4	30-110	0.00	26	
4-Chloro-3-methylphenol	2.69	0.66	"	3.33	ND	80.8	27-109	1.11	21	
2-Chlorophenol	2.24	0.33	"	3.33	ND	67.3	24-98	1.80	27	
1,4-Dichlorobenzene	2.07	0.33	"	3.33	ND	62.2	24-89	0.00	25	
2,4-Dinitrotoluene	2.83	0.33	"	3.33	ND	85.0	35-110	4.49	15	
4-Nitrophenol	2.88	1.7	"	3.33	ND	86.5	20-110	3.75	23	
N-Nitrosodi-n-propylamine	2.49	0.33	"	3.33	ND	74.8	23-109	3.68	31	
Pentachlorophenol	2.95	1.7	"	3.33	ND	88.6	25-123	3.99	43	
Phenol	2.08	0.33	"	3.33	ND	62.5	19-100	2.43	21	
Pyrene	2.65	0.33	"	3.33	ND	79.6	12-131	5.50	26	
1,2,4-Trichlorobenzene	2.32	0.33	"	3.33	ND	69.7	17-110	0.858	30	
Surrogate: 2-Fluorophenol	*3.17*		*"*	*5.00*		*63.4*	*11-120*			
Surrogate: Phenol-d6	*3.45*		*"*	*5.00*		*69.0*	*16-130*			
Surrogate: Nitrobenzene-d5	*2.37*		*"*	*3.33*		*71.2*	*16-126*			
Surrogate: 2-Fluorobiphenyl	*2.68*		*"*	*3.33*		*80.5*	*28-134*			
Surrogate: 2,4,6-Tribromophenol	*4.30*		*"*	*5.00*		*86.0*	*51-144*			
Surrogate: Terphenyl-d14	*2.76*		*"*	*3.33*		*82.9*	*64-119*			

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Gettler-Ryan Rancho Cordova	Project: Chevron	
3164 Gold Camp Drive #240	Project Number: 9-0504/15900 Hesperian Blvd.	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	06/19/01 16:51

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 1060268 - CA LUFT orb shaker										
Blank (1060268-BLK1)				Prepared: 06/12/01 Analyzed: 06/13/01						
Oil & Grease	ND	50	mg/kg							
LCS (1060268-BS1)				Prepared: 06/12/01 Analyzed: 06/13/01						
Oil & Grease	600	50	mg/kg	667		90.0	80-120			
LCS Dup (1060268-BSD1)				Prepared: 06/12/01 Analyzed: 06/13/01						
Oil & Grease	620	50	mg/kg	667		93.0	80-120	3.28	20	
Duplicate (1060268-DUP1)		**Source: P106093-02**		Prepared: 06/12/01 Analyzed: 06/13/01						
Oil & Grease	ND	50	mg/kg		63				20	
Matrix Spike (1060268-MS1)		**Source: P106093-02**		Prepared: 06/12/01 Analyzed: 06/13/01						
Oil & Grease	710	50	mg/kg	667	63	97.0	75-125			

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Gettler-Ryan Rancho Cordova	Project: Chevron	
3164 Gold Camp Drive #240	Project Number: 9-0504/15900 Hesperian Blvd.	**Reported:**
Rancho Cordova CA, 95670	Project Manager: Steve Carter	06/19/01 16:51

Notes and Definitions

C-01	To reduce matrix interference, the sample extract has undergone sulfuric acid clean-up, method 3665, which is specific to *hydrocarbon contamination.*
C-06	To reduce matrix interference, the sample extract has undergone TBA (sulfur) clean-up, method 3660B.
QM-07	The spike recovery was outside control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
S-AC	Acid surrogate recovery outside control limits. The data was accepted based on valid recovery of remaining two acid surrogates.
S-BN	Base/Neutral surrogate recovery outside control limits. The data was accepted based on valid recovery of remaining two base/neutral surrogates.
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 925-842-1280

Chain-of-Custody-Record

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

Chevron Facility Number: 9-0504
Facility Address: 15900 Hesperian Blvd
Consultant Project Number: 345259.03
Consultant Name: Getter-Ryan
Address: 1364 N. McDowell Blvd. #B2, Petaluma
Project Contact (Name): Steve Carter 1317
(Phone) 916-631-1314 (Fax Number) 916-631-[redacted]

Chevron Contact (Name): Tony Quijalvo
(Phone) 925-842-8602
Laboratory Name: Sequoia Analytical
Laboratory Release Number:
Samples Collected by (Name): Jed Douglas
Collection Date: 6-8-01
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				Remarks
								Analyses To Be Performed												
WOT-11		1	S	G	1015		Y	X	X	X	X			X	X	X	P106138-1			
SS-1		4	S	C	1020		Y	X	X	X	X			X	X	X		↓	-2	for SS-1 Composite 4 liters to one sample prior to analysis

COOLER CUSTODY SEALS INTACT ☐
NOT INTACT ☐
COOLER TEMPERATURE 12.0 °C

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	GR	6-8-01/1500		Sequoia	6/8/01 1500
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 01/HCH

Fax copy of Lab Report and COC to Chevron Contact: ☐ No 925-842-1280

Chain-of-Custody-Record

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

Chevron Facility Number 9-0504
Facility Address 15900 Hesperian Blvd
Consultant Project Number 345259.03
Consultant Name Gettler-Ryan
Address 1364 N. McDowell Blvd #B2, Petaluma
Project Contact (Name) Steve Carter
(Phone) 916-631-1314 (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) Jed Douglas
Collection Date 6-8-01
Signature [signature]

2 day TAT

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	PCB - 8080				Remarks
WOT-11		1	S	G	1015		Y	X	X	X	X			X	X	X					
SS-1		4	S	C	1020		Y	X	X	X	X			X	X	X	X				for SS-1 Composite 4 liners to one sample prior to analysis

revised 6-12-01
[signature]

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Turn Around Time (Circle Choice)
[signature]	GR	6-8-01/1500	[signature]	Sequoia	6/8/01 1500	24 Hrs.
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	48 Hrs.
						(5 Days) circled
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time	10 Days
						As Contracted