Chevron

Chevron Products Company
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San Ramon, CA 94583-0904

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January 25, 2001

Environmental Health Services
Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, California 94502-6577

00 JAN 30 PM 2:48

Re: Chevron Service Station 9-2029
890 West McArthur Blvd., Oakland, CA -3643

Dear Sir:

Please find attached the *Environmental Investigation* prepared by Delta Environmental Consultants for dated November 1, 2000, for the referenced site. This report was prepared for Chevron Products Company in preparation for the possible sale of the property. The evaluation included the performance of 10 soil borings. Soil samples were submitted for analysis from the 10 borings and water samples were collected and submitted from 9 of the borings.

It is our understanding that the reported sample results do not represent a new release at the site, but rather confirm results previously reported during sampling activities performed in 1997 during dispenser replacements. Pending any agency directives, Chevron does not propose to perform additional remedial activities at the site.

If you have any questions regarding this site, please feel free to contact me at (925) 842-8898.

Sincerely,

Thomas K. Bauhs
Project Manager

Attachment

cc: Jim Brownell, Delta Environmental Consultants (w/o attachment)
3164 Gold Camp Drive, Suite 200, Rancho Cordova, CA 95670
File (92029r01.doc)

TABLE OF CONTENTS

TABLES

FIGURES

APPENDICES

ENVIRONMENTAL INVESTIGATION REPORT

for

Chevron Service Station #9-2029
890 West MacArthur Boulevard
Oakland, California

Report No. 346503.01-2

1.0 INTRODUCTION

This report summarizes the results of an environmental investigation performed at Chevron Service Station #9-2029, located at 890 West MacArthur Boulevard in Oakland, California. The work was performed at the request of Chevron Products Company (Chevron) to evaluate soil and groundwater condition beneath the subject site and establish baseline conditions prior to selling site. The scope of work included: preparing a site safety plan; obtaining the required drilling permit; drilling ten on-site soil borings and collecting soil and grab groundwater samples from these borings; submitting selected soil and groundwater samples for laboratory analysis; arranging for Chevron's contractor to dispose of the waste materials; and preparing a report documenting the work. This work was proposed in Delta Environmental Consultants Inc./Gettler-Ryan Inc. (GR) Report No. DG92029C4CO1-1, *Work Plan for Environmental Investigation*, dated October 4, 2000. Due to conditions encountered in the initial borings, the drilling method was changed from the GeoProbe method proposed in the Work Plan to the hollow stem auger method to facilitate efficient grab groundwater sample collection.

2.0 SITE DESCRIPTION

2.1 General

The subject site is an active Chevron service station located on the northeastern corner of West MacArthur Boulevard and Market Street in Oakland, California (Figure 1). The current site configuration consists of a station building and five dispenser islands located in the central portion of the site. Three 10,000 gallons gasoline underground storage tanks (USTs) are located in the eastern portion of the site.

Based on GR review of the Chevron file for the site, the Chevron service station has been operating at the subject site since at least 1957. The former site aboveground facilities consisted of a station building located north of the current building location, and three dispenser islands (one located west and two located south of the station building). Two hydraulic hoists were present within the former station building. Two 5,000-gallon and one 3,000-gallon steel gasoline USTs were located in the common pit in the eastern portion of the site, in the location of the current UST pit. A waste oil tank was located north of the station building. The 3,000-gallon UST was replaced with a 10,000-gallon fiberglass UST (installed in the same location) sometime before 1978. Product lines were replaced in 1970. No soil investigation was conducted at that time.

A tank and line integrity test conducted at the subject site in 1981 indicated corrosion perforation on the product lines. The tanks were also corroded but with no perforations. In March-April 1982, the existing product lines and two 5,000-gallon steel gasoline USTs and one 10,000-gallon fiberglass UST were replaced with the current 10,000-gallons fiberglass USTs. The new USTs were installed in the former UST pit extended to the east to accommodate the larger new tanks. The tank and line tests indicate that the current tanks and lines have tested tight since. It appears that, the waste oil tank was removed sometime between 1984 and 1997, however, no specific information regarding tank removal was available. In April 1997, product dispensers were replaced, and the USTs were upgraded by installing containment collars, sumps, and a leak monitoring system. Pertinent former and current site features are shown on Figure 2.

2.2 Previous Environmental Investigations

In April 1981, Smith & Denison conducted a tank integrity test at the subject site, which included drilling two cores to 12 feet below ground surface (bgs) and collecting two soil samples from each core. The test results indicated that the tanks were corroded but with no holes. However, gasoline hydrocarbons (concentrations unknown) were observed in three of the four soil samples collected. Groundwater was encountered at the location of one core at 12 feet bgs.

In March 1991, a strong hydrocarbon odor was noted in the service station building, and ambient air monitoring and sampling was conducted at the site by Environmental Health Consultants. The results indicated that hydrocarbons were present in air entering the station building from the crawl space beneath the building. The photoionization detector readings averaged between 100 and 150 parts per million (ppm) and peaked at 505 ppm. The analytical results of air samples indicated the presence of approximately 100 ppm of gasoline hydrocarbons, and less than 1 ppm of benzene.

In February, 1997, Gettler-Ryan Inc. conducted a soil investigation during the product dispenser replacement and UST upgrade. The existing dispensers were removed and the soil in the immediate vicinity of each dispenser island was excavated. Soil samples were collected at the base of each excavation at approximately 3 feet bgs. An additional sample was collected at 3 feet bgs from the northern wall of the gasoline UST pit. Soil beneath all dispenser islands except northeastern island exhibited hydrocarbon odor. Soil in the vicinity of the southeastern dispenser island exhibited greenish gray discoloration. Total petroleum hydrocarbons as gasoline (TPHg, up to 38 ppm) were detected in four samples and benzene (up to 0.63 ppm) was detected in three of the six samples. Methyl tertiary butyl ether (MtBE, up to 0.62 ppm) was detected in all samples collected beneath dispenser islands, and was not detected in the sample collected from the UST sidewall. Sample locations and concentrations are shown on Figures 2 and 3, respectively.

2.3 Geology and Hydrogeology

The subject site is located on the East Bay Plane, approximately 1¼ mile east of San Francisco Bay and approximately 1½ mile north of Lake Merritt. The site is a relatively flat lot at an elevation of approximately 50 feet above mean sea level. The nearest surface water is Glen Echo Creek (approximately 1 mile southeast of the site), which drains into Lake Merritt. As mapped by Helley and others (1979, *Flatland Deposits of the San Francisco Bay Region, California: U.S. Geological Survey Professional Paper 943)*, soil in the vicinity consists

of Late Pleistocene alluvium consisting of weakly consolidated, slightly weathered, poorly sorted, irregularly interbedded clay, silt, sand, and gravel. The surface soil (to 3 feet bgs) encountered during previous environmental investigation (product line replacement) consisted of clay. Groundwater was encountered beneath the site at a depth of approximately 12 feet bgs. Based on site topography, the shallow groundwater beneath the site is assumed to flow to the southwest.

3.0 FIELD WORK

Field work was conducted in accordance with GR's Field Methods and Procedures (Appendix A) and the Site Safety Plan dated October 4, 2000. A drilling permit (#WOO-632) was obtained from the Alameda County Public Works Department (ACPWD), and Underground Service Alert was notified prior to drilling at the site. A copy of the permit is included in Appendix B.

3.1 Drilling Activities

On October 5 through 9, 2000, a GR geologist observed drilling of 10 on-site soil borings (B-1 through B-10) at the locations shown on Figure 2. Boring B-4 was moved six feet to the east, due to an obstruction encountered at the depth of approximately 5 feet bgs in the location proposed in the Work Plan (within the former waste oil UST pit). Boring B-9 was moved 8 feet to the west due to concrete encountered at the depth of approximately 3 feet bgs in the location proposed in the Work Plan. Boring B-10 was moved 6 feet to the north due to the presence of an underground electrical line in the location proposed in the Work Plan.

Borings B-1, B-2, B-5, B-6, B-9, and B-10 were drilled by Bay Area Exploration, Inc. (C57 #522125), and borings B-3, B-4, B-7, and B-9 were drilled by Woodward Drilling (C57 #710079). Borings B-5 and B-6 were drilled using a GeoProbe rig. Due to difficulties collecting grab groundwater samples from these borings (collapsing borings, slow groundwater recovery), the drilling method has been changed and the remaining borings were drilled using 6-inch diameter (B-1, B-2, B-9 and B-10) or 8-inch diameter (B-3, B-4, B-7, and B-9) hollow-stem augers driven by a truck-mounted drill rig. GeoProbe boring B-6 was redrilled using 6-inch hollow-stem augers to facilitate grab groundwater sample collection. Borings B-1 through B-10 were drilled to depths ranging between 16.5 to 19 feet bgs. Soil samples were collected approximately every 5 feet. The GR geologist prepared logs of each boring and screened the soil samples in the field for the presence of volatile organic compounds. Screening data are presented on the boring logs (Appendix B).

A grab groundwater sample was collected from each boring except B-9 (boring B-9 did not contain sufficient water for sample collection after waiting two hours). Upon completion of groundwater sample collection, the borings were backfilled with neat cement from the total depth to approximately 6 inches bgs, and finished with concrete at the surface.

Drill cuttings were placed on and covered with plastic sheeting and stored on-site pending disposal. After completion of drilling, four samples for disposal characterization were collected from the drill cuttings and submitted to the laboratory for compositing and analysis as sample SP-A,B,C,D. On October 26, 2000, the soil stockpile was removed from the site by Integrated Wastestream Management (IWM).

3.2 Laboratory Analysis

Soil and grab groundwater samples were analyzed by Sequoia Analytical in Walnut Creek, California (ELAP #1271). Grab groundwater samples and unsaturated soil samples collected from the borings at 6 and 11 feet bgs were analyzed for TPHg, BTEX, and MtBE by DHS LUFT Method. Soil samples were also analyzed for total lead by EPA Method 6010A, and the groundwater samples were analyzed for MtBE, ethyl tertiary butyl ether (EtBE), tertiary butyl alcohol (TBA), di-isopropyl ether (DIPE), tertiary amyl methyl ether (TAME), ethanol, methanol (five of nine samples), 1,2-Dichloroethane (1,2-DCA), and ethylene dibromide (EDB) by EPA Method 8260. The laboratory erroneously analyzed only four of the nine grab groundwater samples submitted for methanol analysis. The soil and groundwater samples collected from boring B-2 were also analyzed for total petroleum hydrocarbons as hydraulic oil (TPHho) by DHS LUFT Method, and samples collected from boring B-4 were analyzed for total oil and grease (TOG) by Standard Method 5520 E&F (Gravimetric), total petroleum hydrocarbons as diesel (TPHd) by DHS LUFT Method, volatile organic compounds (VOs) by EPA Method 8010B, semivolatile compounds (SVOs) by EPA Method 8270B, and metals cadmium, chromium, lead, zinc, and nickel, by EPA Method 6010A. Copies of the laboratory analytical reports and chain-of-custody records are included in Appendix E.

4.0 RESULTS

4.1 Subsurface Conditions

Native soil encountered in borings B-1 through B-10 consisted predominantly of clays and clayey gravels to the total depth explored of 19 feet bgs. Fill material consisting of gravel with sand was encountered in the first attempted location for boring B-4 (within the former waste oil UST pit). An obstruction, which could not be positively identified due to the depth of the hole, but appeared to be a large object made of metal or plastic, was encountered within gravel fill at a depth of approximately 5 feet bgs. A clay layer was encountered immediately below ground surface in all borings. This clay layer extended to depths ranging from 5 to 10.5 feet bgs, and was underlain by a 4 to 9-foot thick layer of clayey gravel. Another clay layer was encountered beneath clayey gravel and extended to the total depths of the borings. Groundwater was encountered at depths ranging from 11.8 to 14 feet bgs. Detailed descriptions of the subsurface materials encountered during drilling are presented on the boring logs in Appendix B.

4.2 Soil Analytical Results

The soil samples collected from borings B-9 at 6 and 11 feet bgs, B-1 at 6 feet bgs, and B-3 at 11 feet bgs contained TPHg (up to 930 ppm), benzene (up to 6.7 ppm), and MtBE (up to 13 ppm). TPHg, benzene, or MtBE were not detected in any other soil samples collected from borings B-1 through B-10. The soil samples collected from boring B-2 located in the inferred downgradient direction of the former hydraulic hoists did not contain TPHho. The soil samples collected from boring B-4 located near the former waste oil tank did not contain O&G, TPHd, VOs, or SVOs. Cadmium (up to 0.69 ppm), chromium (up to 42 ppm), nickel (up to 100 ppm), and zinc (up to 63 ppm) were detected in samples collected from boring B-4. Lead was detected in soil samples collected from borings B-1 through B-10 at concentrations ranging from 3.5 ppm to 10 ppm.

The composite stockpile sample contained TPHg (80 ppm), benzene (0.25 ppm), and lead (6.5 ppm). MtBE was not detected in this sample. Soil chemical analytical data are summarized in Table 1. TPHg, benzene, and MtBE concentrations in soil at depths between 3 to 6 feet, and 11 feet are presented Figures 3 and 4, respectively.

4.3 Groundwater Analytical Results

Grab groundwater samples collected from borings B-1, B-3, B-7 and B-10 contained TPHg (up to 33,000 ppb). Samples collected from borings B-1, B-3 and B-10 also contained benzene (up to 1,200 ppb). TPHg or benzene were not detected in the grab groundwater samples collected from other borings. MtBE (up to 820 ppb) was detected in all grab groundwater samples. TAME (up to 8.9 ppb) was detected in the grab groundwater samples collected from borings B-2, B-7, and B-10. EtBE, DIPE, ethanol, methanol, TBA, 1,2-DCA, or EDB were not detected in any grab groundwater samples.

The grab groundwater sample collected from boring B-2 did not contain TPHho. The grab groundwater sample collected from boring B-4 did not contain O&G, VOs, or SVOs, however TPHd (170 ppb) was present in this sample. Metals chromium (110 ppb), lead (27 ppb), nickel (140 ppb) and zinc (250 ppb) were present in the grab groundwater sample from boring B-4, but cadmium was not detected. Groundwater analytical data are summarized in Tables 2 and 3. TPHg, benzene, and MtBE concentrations in groundwater are presented on Figures 5 through 7, respectively.

5.0 CONCLUSIONS

Based on analytical results from soil samples collected and analyzed during this and previous investigations, it appears that subsurface soil beneath the subject site has been impacted by gasoline, but has not been impacted by waste oil or hydraulic oil hydrocarbons. The gasoline impacted soil appears to be limited to the central and southern portion of the site. The highest hydrocarbon concentrations in soil (up to 930 ppm TPHg, 6.7 ppm benzene, and 13 ppm MtBE) are present in the vicinity of the former southern service island (borings B-9 and B-3). The lateral extent of hydrocarbon impacted soil has been delineated to nondetectable concentrations of TPHg, benzene, and MtBE except to the south and southwest. The vertical extent of hydrocarbon impacted soil has been delineated to nondetectable concentrations of TPHg, benzene, and MtBE at the depth of 11 feet bgs except in the vicinity of the former southern dispenser island, where hydrocarbon impacted soil appear to extend to groundwater.

Shallow groundwater beneath the subject site has been impacted by gasoline hydrocarbons (up to 33,000 ppb TPHg, 1,200 ppb benzene, and 820 ppb MtBE), but has not been impacted by hydraulic oil or waste oil hydrocarbons. Shallow groundwater in the vicinity of the former waste oil UST has been also impacted by diesel hydrocarbons. The extent of gasoline hydrocarbon impacted groundwater beneath the subject site has not been delineated to the south, southwest and west.

The waste oil UST may still be present at the site, based on an obstruction encountered within gravel fill material in the location of the tank pit, and no specific information confirming tank removal.

6.0 REFERENCES

E. J. Helley and others, 1979, Flatland Deposits of the San Francisco Bay Region, California: U.S. Geological Survey Professional Paper 943.

Delta Environmental Consultants Inc./Gettler-Ryan Inc., October 4, 2000, Work Plan for Environmental Investigation at Chevron Service Station #9-2029, 890 West MacArthur Boulevard, Oakland, California, Report No. DG92029C.4CO1-1.

Gettler-Ryan Inc., April 10, 1997, Soil Sampling During Product Dispenser Replacement at Chevron Service Station Station #9-2029, 890 West MacArthur Boulevard, Oakland, California, Job No. 1205.02.

Gettler-Ryan Inc., October 4, 2000, Site Safety Plan for Chevron Service Station Station #9-2029, 890 West MacArthur Boulevard, Oakland, California, Job No. 346503.01.

Table 1. Soil Analytical Results - Chevron Service Station #9-2029, 890 West MacArthur Boulevard, Oakland, California.

Sample ID	Depth (feet)	Date	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MtBE	TPHho	O&G	TPHd	VOs	SVOs	Lead	Cadmium	Chromium	Nickel	Zinc
			<--------					ppm										-------->
B1-6	6	10/06/00	68[1]	0.25	0.30	1.2	0.64	0.33	—	—	—	—	—	4.5	—	—	—	—
B1-11	11	10/06/00	<1.0	<0.0050	0.0073	<0.0050	0.0089	<0.050	—	—	—	—	—	4.5	—	—	—	—
B2-6	6	10/06/00	<1.0	<0.0050	<0.0050	<0.0050	0.012	<0.050	<10	—	—	—	—	6.9	—	—	—	—
B2-11	11	10/06/00	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<10	—	—	—	—	3.9	—	—	—	—
B3-6	6	10/09/00	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	—	—	—	—	—	4.4	—	—	—	—
B3-11	11	10/09/00	930[1]	6.7	1.2	22	100	13	—	—	—	—	—	4.7	—	—	—	—
B4-6	6	10/09/00	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	—	<50	<1.0	ND	ND	10	0.69	42	100	63
B4-11	11	10/09/00	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	—	<50	<1.0	ND	ND	3.5	0.57	24	29	50
B5-6	6	10/05/00	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	—	—	—	—	—	6.1	—	—	—	—
B5-11	11	10/05/00	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	—	—	—	—	—	3.7	—	—	—	—
B6-6	6	10/05/00	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	—	—	—	—	—	6.5	—	—	—	—
B6-11	11	10/05/00	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	—	—	—	—	—	5.1	—	—	—	—
B7-6	6	10/09/00	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	—	—	—	—	—	9.2	—	—	—	—
B7-11	11	10/09/00	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	—	—	—	—	—	5.4	—	—	—	—
B8-6	6	10/06/00	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	—	—	—	—	—	6.8	—	—	—	—
B8-11	11	10/06/00	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	—	—	—	—	—	5.1	—	—	—	—
B9-6	6	10/09/00	95[1]	0.15	0.20	1.9	2.2	<0.50	—	—	—	—	—	5.0	—	—	—	—
B9-11	11	10/09/00	200[1]	1.3	0.59	6.1	9.7	3.4	—	—	—	—	—	6.9	—	—	—	—
B10-6	6	10/06/00	<1.0	<0.0050	0.0058	0.0052	0.016	<0.050	—	—	—	—	—	7.7	—	—	—	—
B10-11	11	10/06/00	<1.0	<0.0050	<0.0050	0.0051	0.015	<0.050	—	—	—	—	—	4.6	—	—	—	—
SP-A,B,C,D	—	10/09/00	80	0.25	0.24	1.0	0.70	<0.50	—	—	—	—	—	6.5	—	—	—	—

EXPLANATION:
TPHg = Total Petroleum Hydrocarbons as gasoline
TPHd = Total Petroleum Hydrocarbons as diesel
MtBE = Methyl t-Butyl Ether
O&G = Oil and Grease
VOs = Volatile Organics
SVOs = Semivolatile Organics
TPHho = Total Petroleum Hydrocarbons as hydraulic oil
ppm = Parts per million
— = Not analyzed/not applicable
ND = Not detected
[1] = Laboratory report indicates gasoline C6-C12.

ANALYTICAL METHODS:
TPHg, benzene, toluene, ethylbenzene, xylenes, MtBE, TPHd, TPHho = DHS LUFT Method
O&G = Standard Method 5520 E&F (Gravimetric)
VOs = EPA Method 8010B
SVOs = EPA Method 8270B
Metals = EPA Method 6010A

ANALYTICAL LABORATORY:
Sequoia Analytical (ELAP #1271)

Table 2. Groundwater Analytical Results - Chevron Service Station #9-2029, 890 West MacArthur Boulevard, Oakland, California.

Sample ID	Date	DTW (feet)	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MtBE	O&G	TPHd	VOs	SVOs	TPHho
			<--------					ppb					-------->
B1-W	10/06/00	13.1	3,600[1]	110	3.5	770	150	700/820[4]	—	—	—	—	—
B2-W	10/06/00	13.0	<50	<0.50	<0.50	<0.50	<0.50	460/320[4]	—	—	—	—	<250
B3-W	10/09/00	13.1	33,000[1]	1,200	580	2,000	7,500	670/340[4]	—	—	—	—	—
B4-W[2]	10/09/00	13.5	<50	<0.50	<0.50	<0.50	<0.50	66/71[4]	<5,000	170	ND[2]	ND	—
B5-W	10/06/00	12.3	<50	<0.50	<0.50	<0.50	<0.50	460/590[4]	—	—	—	—	—
B6-W	10/06/00	11.8	<50	<0.50	<0.50	<0.50	<0.50	32/34[4]	—	—	—	—	—
B7-W	10/09/00	13.7	500[1]	<0.50	<0.50	16	63	230/360[4]	—	—	—	—	—
B8-W	10/06/00	12.8	<50	<0.50	<0.50	<0.50	<0.50	440/650[4]	—	—	—	—	—
B10-W	10/09/00	13.8	3,700[1]	8.3	4.2	180	1.7	46/47[4]	—	—	—	—	—

EXPLANATION:
DTW = Depth to water
TPHg = Total Petroleum Hydrocarbons as gasoline
TPHd = Total Petroleum Hydrocarbons as diesel
MtBE = Methyl t-Butyl Ether
O&G = Oil and Grease
VOs = Volatile Organic Compounds
SVOs = Semivolatile Organic Compounds
Ppb = Parts per billion
— = Not analyzed/Not applicable
ND = Not detected
[1] = Laboratory indicates gasoline C6-C12
[2] = Not detected except tetrachloroethene (4.3 ppb)
[3] = Sample contained metals chromium (0.11 ppm), lead (0.027 ppm), nickel (0.14 ppm) and zin (0.25 ppm). Cadmium was not detected.
[4] = MtBE by EPA 8260

ANALYTICAL METHODS:
TPHg, benzene, toluene, ethylbenzene, xylenes, MtBE, TPHd, TPHho = DHS LUFT Method
O&G = Standard Method 5520 E&F (Gravimetric)
VOs = EPA Method 8010B
SVOs = EPA Method 8270B
Metals = EPA Method 200.7

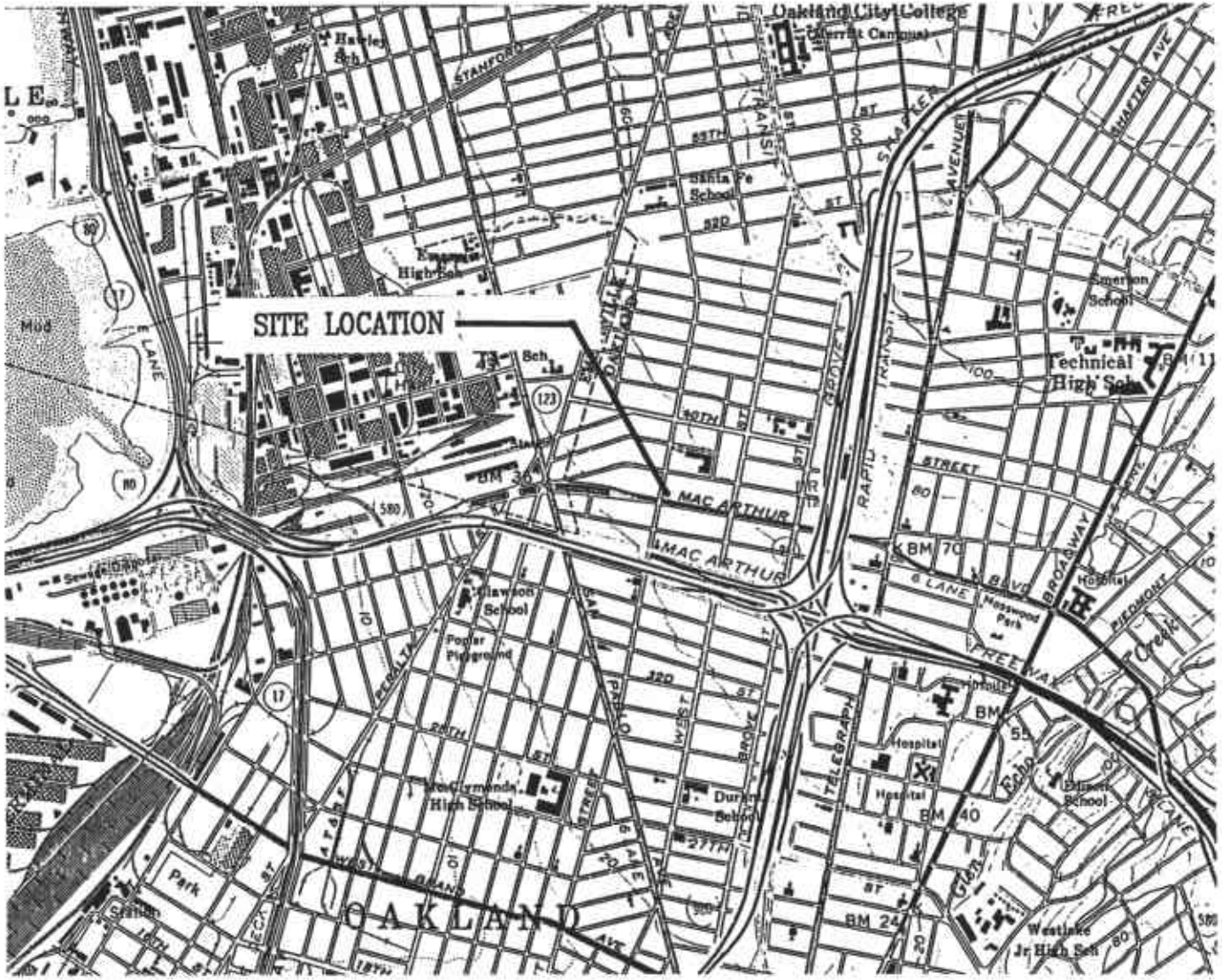
Table 3. Groundwater Analytical Results – Oxygenate Compounds, Chevron Service Station #9-2029, 890 West MacArthur Boulevard, Oakland, California.

Sample ID	Date	Methanol	Ethanol	TBA	MtBE	EtBE	DIPE	TAME	1,2-DCA	EDB
		<--------			ppb					-------->
B1-W	10/06/00	<1,000	<2,500	<250	820	<10	<10	<10	<10	<10
B2-W	10/06/00	<1,000	<500	<50	320	<2.0	<2.0	8.9	<2.0	<2.0
B3-W	10/09/00	*	<2,500	<250	340	<10	<10	<10	<10	<10
B4-W	10/09/00	*	<500	<50	71	<2.0	<2.0	<2.0	<2.0	<2.0
B5-W	10/06/00	<1,000	<2,500	<250	590	<10	<10	<10	<10	<10
B6-W	10/06/00	<1,000	<500	<50	34	<2.0	<2.0	<2.0	<2.0	<2.0
B7-W	10/09/00	*	<500	<50	360	<2.0	<2.0	4.4	<2.0	<2.0
B8-W	10/06/00	<1,000	<2,500	<250	650	<10	<10	<10	<10	<10
B10-W	10/09/00	*	<500	<50	47	<2.0	<2.0	2.4	<2.0	<2.0

EXPLANATION:
TBA = Tertiary butyl alcohol
MtBE = Methyl tertiary butyl ether
EtBE = Ethyl tertiary butyl ether
DIPE = Di-isopropyl ether
TAME = Tertiary amyl methyl ether
1,2-DCA = 1,2-Dichloroethane
EDB = Ethylene dibromide
Ppb = Parts per billion
* = Laboratory omitted analysis

ANALYTICAL METHODS:
Ethanol, TBA, MtBE, EtBE, DIPE. TAME, 1,2-DCA, EDB = EPA Method 8260B
Methanol = EPA method 8015 (modified)

ANALYTICAL LABORATORY:
Sequoia Analytical (ELAP #1271)



N

0 2000

Scale in Feet

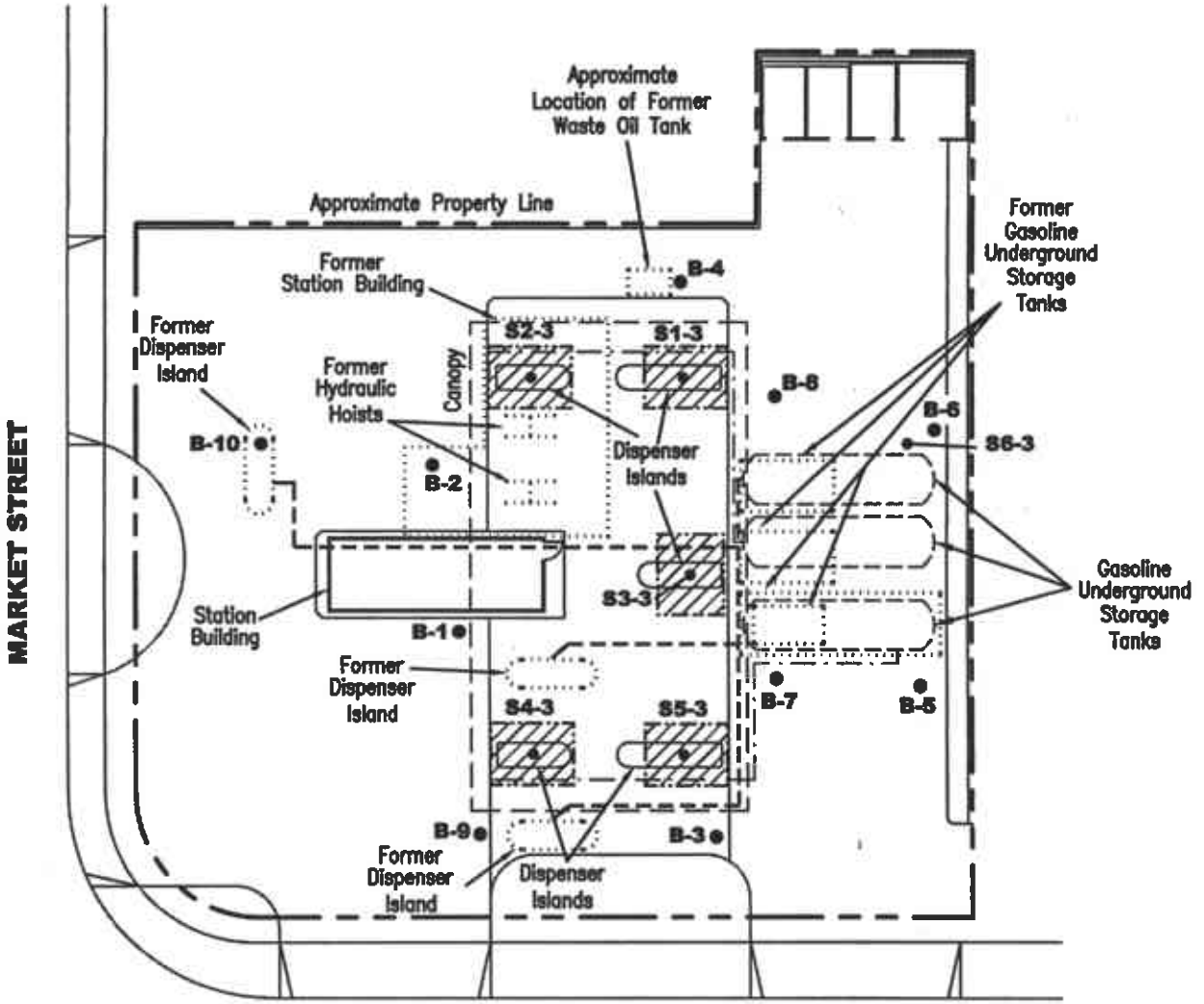
Base Map: USGS Topographic Map

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

VICINITY MAP
Chevron Service Station No. 9-2029
880 West MacArthur Boulevard
Oakland, California

FIGURE
1

JOB NUMBER	REVIEWED BY	DATE	REVISED DATE



EXPLANATION

- B-4 — Soil boring
- S1-3 — Soil sample location
- Excavation (1997)
- Product line trenching
- Former product line trenching

N

0 30

Scale in Feet

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

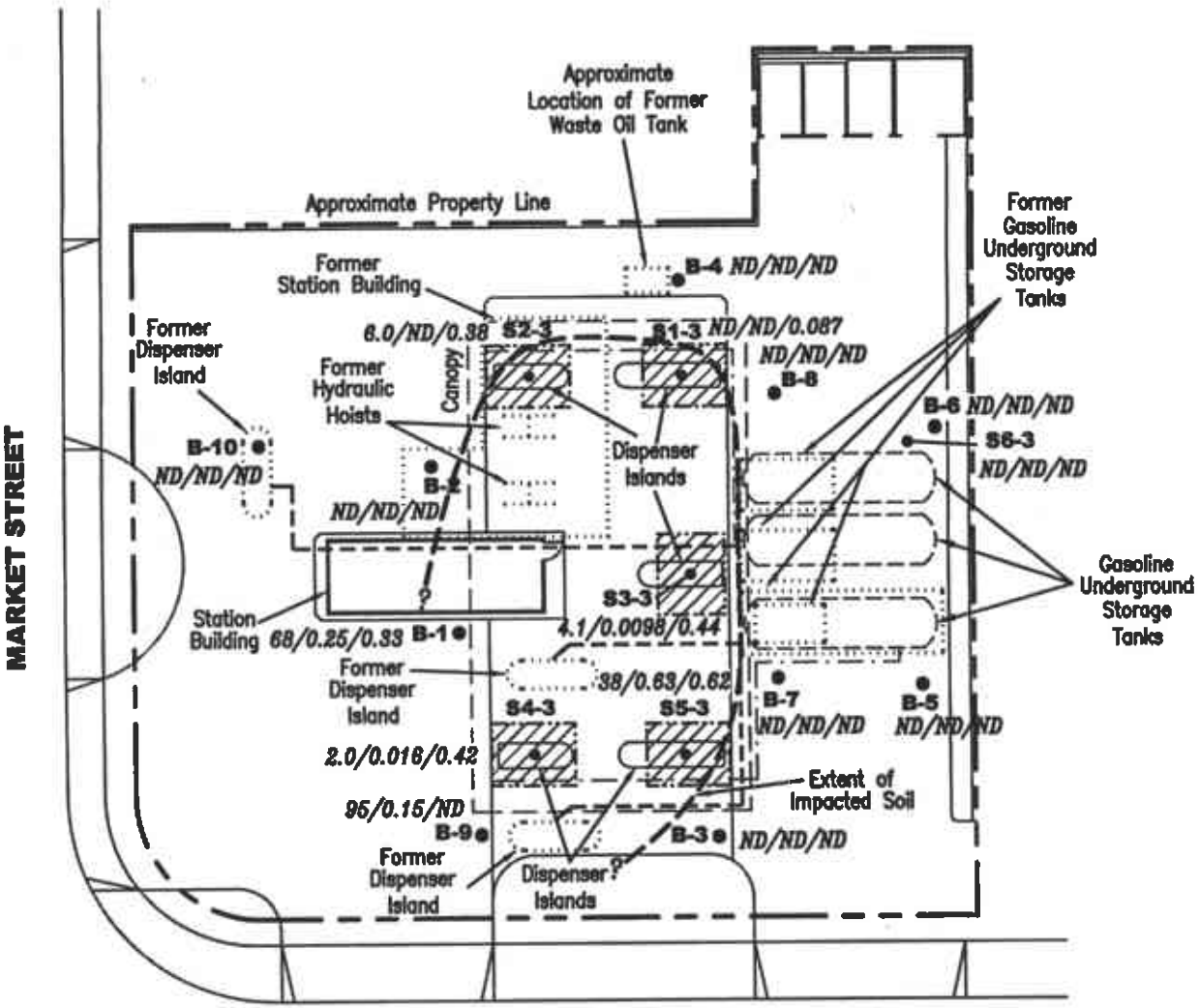
Gettler - Ryan Inc.
6747 Sierra Ct., Suite J
Dublin, CA 94568 (925) 551-7555

SITE PLAN
Chevron Service Station No. 9-2029
890 West MacArthur Boulevard
Oakland, California

FIGURE
2

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
346503		10/00	

FILE NAME: P:\Enviro\Chevron\9-2029\A00-9-2029.DWG | Layout Tab: Well Install 10-00



EXPLANATION

- B-4 — Soil boring
- S1-3 — Soil sample location
- Excavation (1997)
- Product line trenching
- Former product line trenching
- *68/0.25/0.33* — TPHg/Benzene/MtBE concentrations in soil at depth between 3 to 6 feet in ppm
- *ND* — Not Detected

N

0 30

Scale in Feet

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

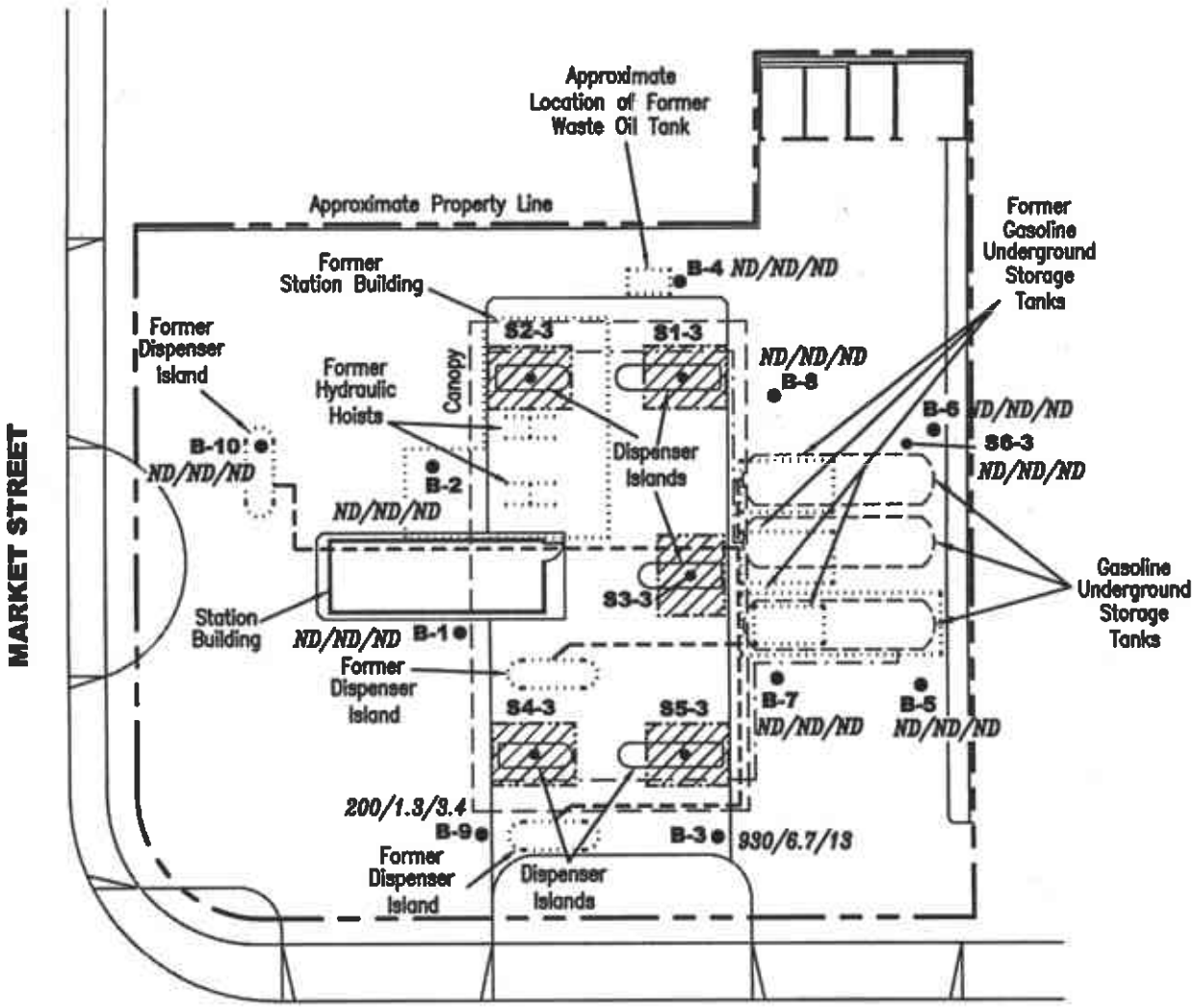
Gettler - Ryan Inc.
6747 Sierra Ct., Suite J
Dublin, CA 94568 (925) 551-7555

TPHg/BENZENE/MtBE CONCENTRATIONS IN SOIL (3-6 FEET)
Chevron Service Station No. 9-2029
890 West MacArthur Boulevard
Oakland, California

FIGURE 3

PROJECT NUMBER 346503
REVIEWED BY
DATE October, 2000
REVISED DATE

FILE NAME: P:\Enviro\Chevron\9-2029\ADD-9-2029.DWG | Layout Tab: Con4 3-6ft



EXPLANATION

- B-4 — Soil boring
- S1-3 — Soil sample location
- Excavation (1997)
- Product line trenching
- Former product line trenching
- 68/0.25/0.33 — TPHg/Benzene/MtBE concentrations in soil at depth of 11 feet in ppm
- ND — Not Detected

N

0 30

Scale in Feet

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

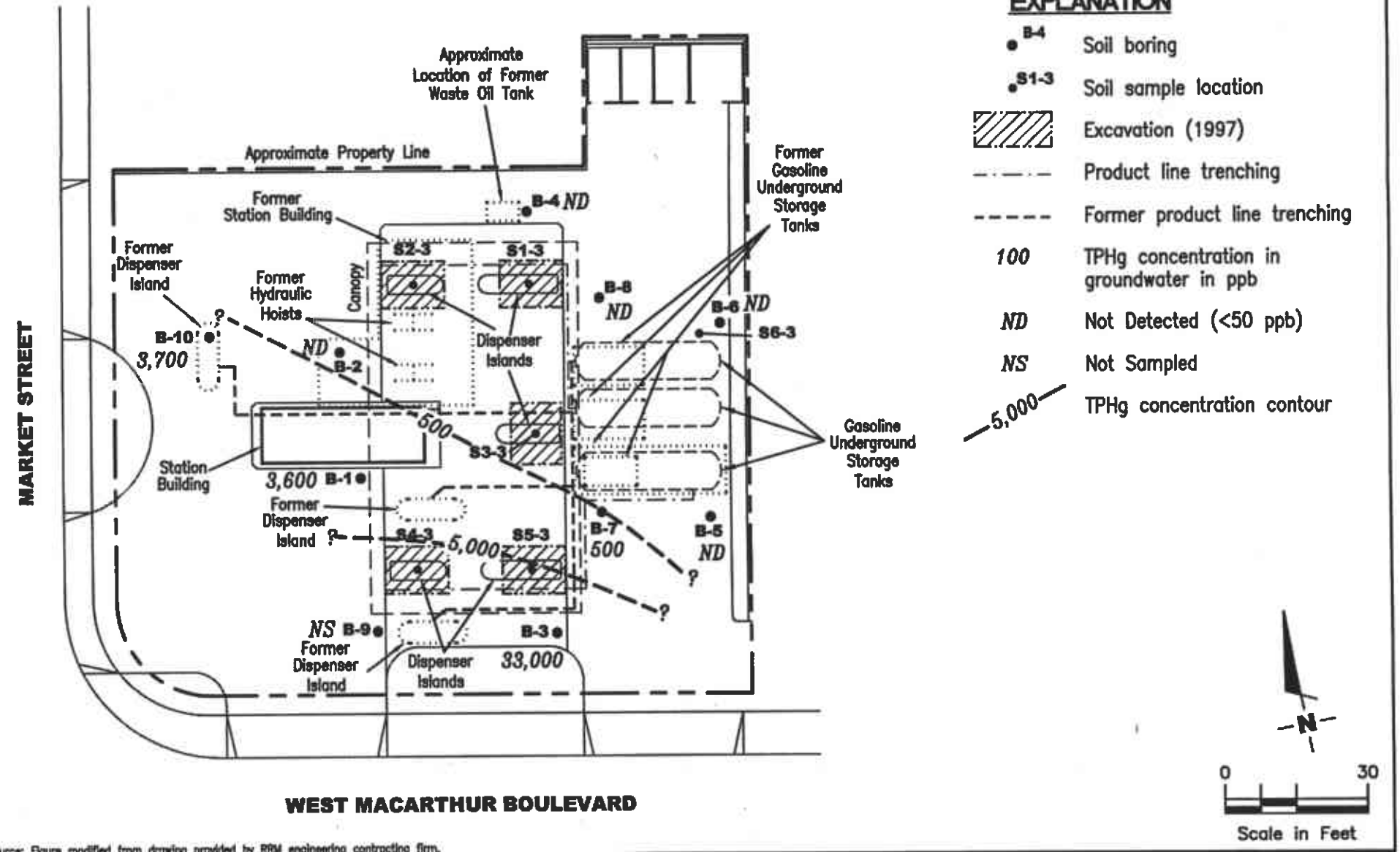
Gettler - Ryan Inc.
6747 Sierra Ct., Suite J
Dublin, CA 94568 (925) 551-7555

TPHg/BENZENE/MtBE CONCENTRATIONS IN SOIL (11 FEET)
Chevron Service Station No. 9-2029
890 West MacArthur Boulevard
Oakland, California

FIGURE 4

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
346503		October, 2000	

FILE NAME: P:\Enviro\Chevron\9-2029\ADD-9-2029.DWG | Layout Tab: Con4 11ft



EXPLANATION

B-4	Soil boring
S1-3	Soil sample location
	Excavation (1997)
	Product line trenching
	Former product line trenching
100	TPHg concentration in groundwater in ppb
ND	Not Detected (<50 ppb)
NS	Not Sampled
5,000	TPHg concentration contour

N

0 30

Scale in Feet

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

TPHg CONCENTRATIONS IN GROUNDWATER
Chevron Service Station No. 9-2029
890 West MacArthur Boulevard
Oakland, California

FIGURE 5

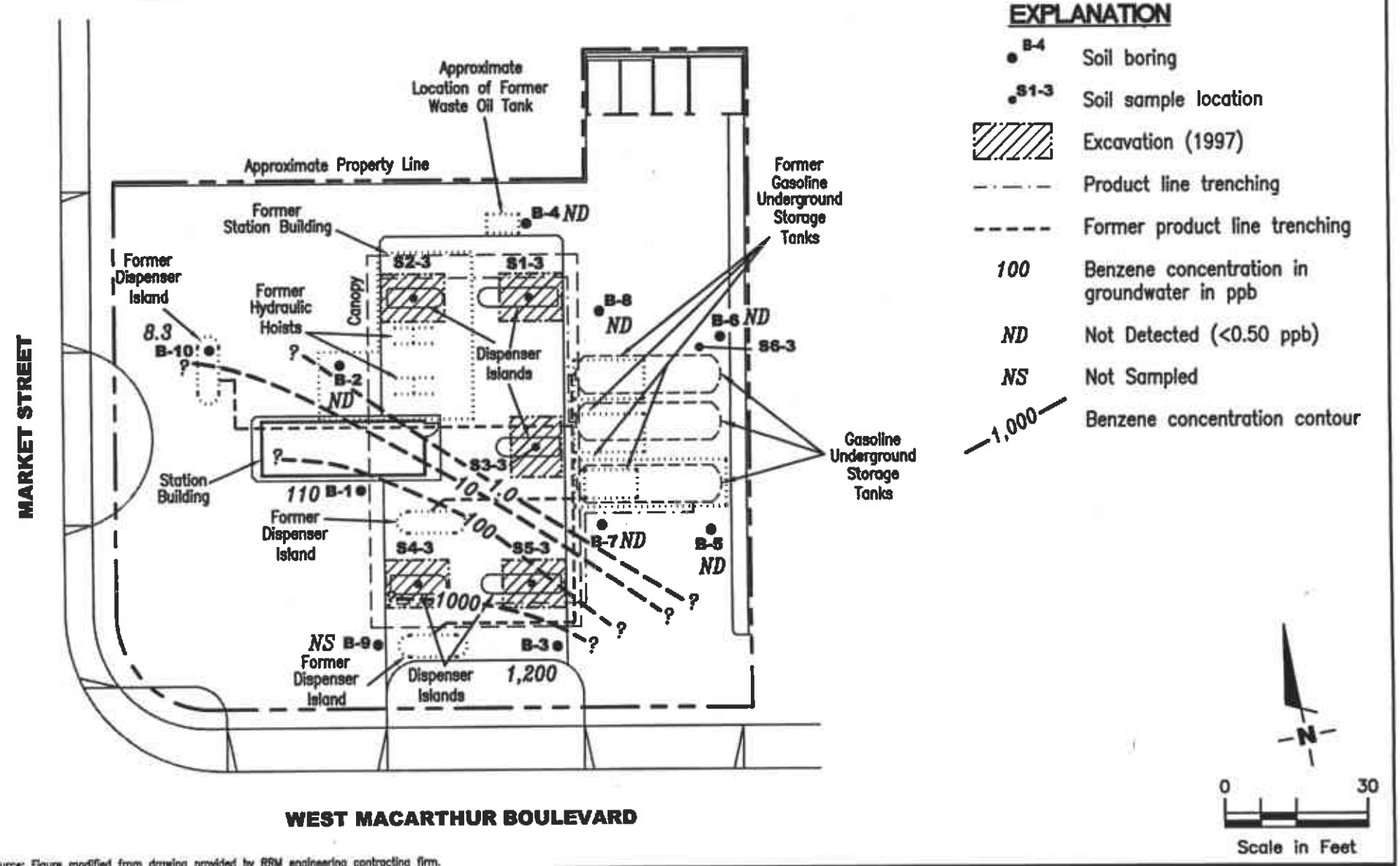
PROJECT NUMBER 346503

REVIEWED BY

DATE October, 2000

REVISED DATE

FILE NAME: P:\Enviro\Chevron\9-2029\A00-9-2029.DWG | Layout Tab: Tphg4



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

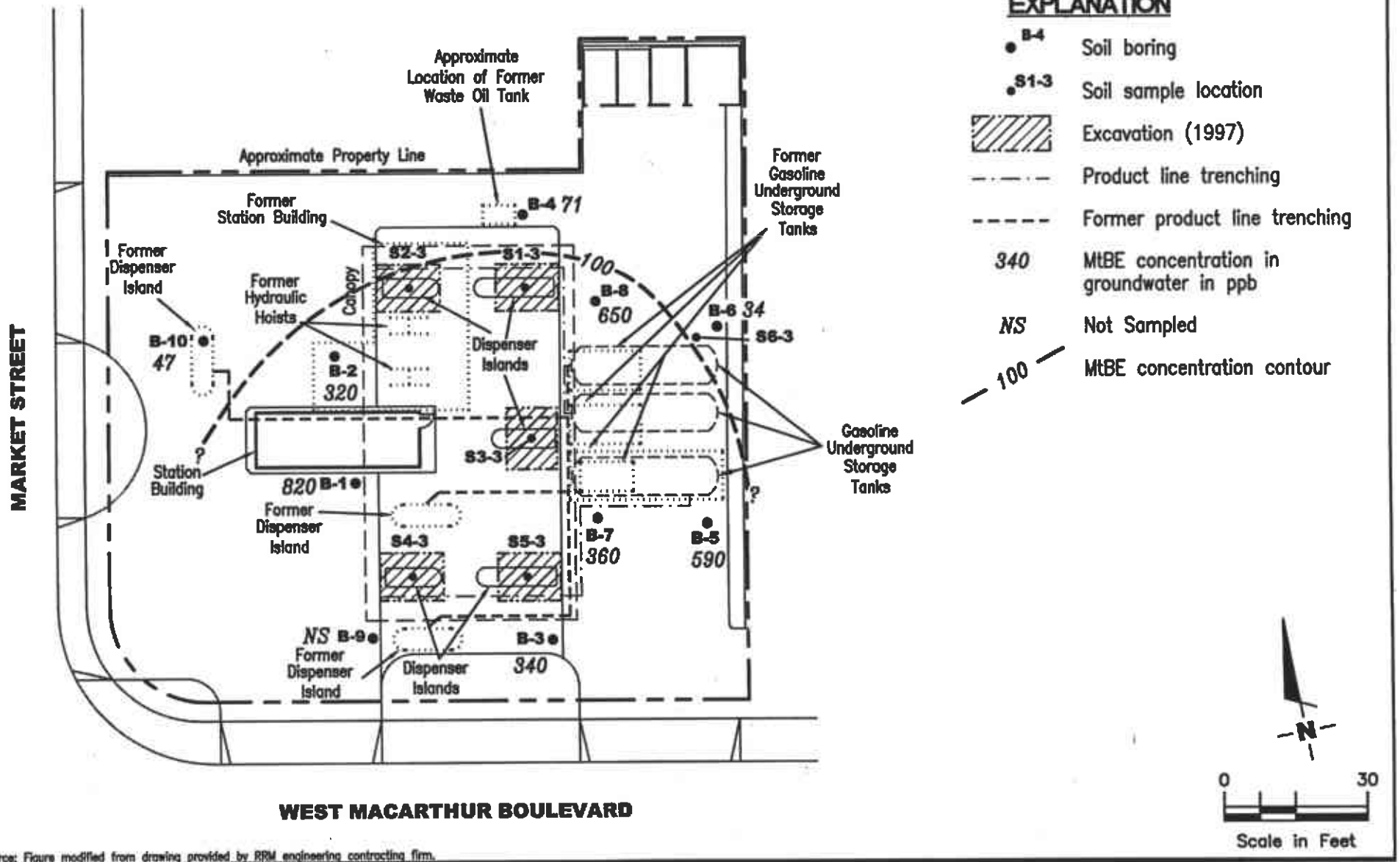
Gettler - Ryan Inc.
6747 Sierra Ct., Suite J
Dublin, CA 94568
(925) 551-7555

BENZENE CONCENTRATIONS IN GROUNDWATER
Chevron Service Station No. 9-2029
890 West MacArthur Boulevard
Oakland, California

FIGURE
6

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
346503		October, 2000	

FILE NAME: P:\Enviro\Chevron\9-2029\A00-9-2029.DWG | Layout Tab: Benz4



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

MtBE CONCENTRATIONS IN GROUNDWATER
Chevron Service Station No. 9-2029
890 West MacArthur Boulevard
Oakland, California

FIGURE
7

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
346503		October, 2000	

FILE NAME: P:\Enviro\Chevron\9-2029\A00-9-2029.DWG | Layout Tab: Mtbe4

GETTLER - RYAN
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 plan=s 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 obtained with a Geoprobe rig are collected from the soil boring with a split-barrel sampling device fitted with 1-inch-diameter, clean brass or plastic liners. The Geoprobe drives the sampling device approximately 24 inches, and the filled sampler is then retrieved from the boring. 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.

Groundwater Monitoring and Sampling

Decontamination Procedures

All depth-to-water 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 boring, 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.

Sample Collection and Labeling

A temporary PVC screen may be installed in the boring to facilitate a grab groundwater sample collection. Samples of groundwater are collected from the surface of the water in each 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.

ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
399 ELMHURST ST. HAYWARD CA. 94544-1395
PHONE (510) 670-5554 MARLON MAGALI ANRS/FRANK CODD (510) 670-5783
FAX (510)782-1939

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT Chevron SS# 9-2029
890 West MacArthur Blvd
Oakland, California

CLIENT
Name Chevron Products Co
Address P.O. Box 6004 Phone (925) 842-8898
City San Ramon Zip 94583

APPLICANT
Name Gettler-Ryan, Inc / Barbara Sieminski Fax (925) 551-7888
Address 6747 Sierra Ct, Ste G Phone (925) 551-7555
City Dublin Zip 94568

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	X
Cable	☐	Other	☐		

DRILLER'S NAME Bay Area Exploration
DRILLER'S LICENSE NO. C57 # 522125

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 4 to 10 4 boring holes Geoprobe
Hole Diameter 2.6 in. Maximum Depth 20 ft.

ESTIMATED STARTING DATE 10/05/00
ESTIMATED COMPLETION DATE 10/06/00

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

APPLICANT'S SIGNATURE [signature] DATE 10/05/00
PLEASE PRINT NAME Barbara Sieminski

Rev.5-11-00

FOR OFFICE USE
PERMIT NUMBER W00-632
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 work the 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 seperate 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 10-3-00

FAXED 10-3-00

Gettler-Ryan, Inc.

Log of Boring B-1

PROJECT: *Chevron Service Station #9-2029*	LOCATION: *890 West MacArthur Boulevard, Oakland, CA*
GR PROJECT NO.: *346503.01*	SURFACE ELEVATION: *--MSL*
DATE STARTED: *10/06/00*	WL (ft. bgs): *13.1* DATE: *10/06/00* TIME: *16:50*
DATE FINISHED: *10/06/00*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *6 in. Hollow Stem Auger*	TOTAL DEPTH: *16.5 feet*
DRILLING COMPANY: *Bay Area Exploration*	GEOLOGIST: *Barbara Sieminski*

DEPTH (feet)	PID (ppm)	BLOWS/FT. *	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
							PAVEMENT: Concrete over gravel.	
						CL	CLAY (CL) – very dark grayish brown (10YR 3/2), moist, medium plasticity; 95% clay, 5% fine sand.	Upon collection of grab groundwater sample, boring was backfilled with neat cement from total depth to ground surface.
	75	N/A	B1-4				Color changes to greenish gray (5GY 5/1) at 4 feet.	
5	82	16	B1-8					
						GC	CLAYEY GRAVEL (GC) – greenish gray (5GY 5/1), moist to saturated, medium dense; 70% subrounded to well rounded fine to coarse gravel, 20% clay, 10% fine to coarse sand.	
10	240	14	B1-11				▽	
						CL	CLAY (CL) – yellowish brown (10YR 5/8), moist to damp, medium plasticity, hard; 90% clay, 10% fine sand.	
15	2	27	B1-16				Bottom of boring at 16.5 feet bgs.	
							(* = Converted to equivalent standard penetration blows/foot	
							N/A = Not applicable)	
20								
25								
30								
35								

Gettler-Ryan, Inc.

Log of Boring B-2

PROJECT: *Chevron Service Station #9-2029*	LOCATION: *890 West MacArthur Boulevard, Oakland, CA*
GR PROJECT NO. : *346503.01*	SURFACE ELEVATION: *--MSL*
DATE STARTED: *10/06/00*	WL (ft. bgs): *13.0* DATE: *10/06/00* TIME: *16:10*
DATE FINISHED: *10/06/00*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *6 in. Hollow Stem Auger*	TOTAL DEPTH: *16.5 feet*
DRILLING COMPANY: *Bay Area Exploration*	GEOLOGIST: *Barbara Sieminski*

DEPTH (feet)	PID (ppm)	BLOWS/FT. *	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
							PAVEMENT: Concrete over gravel.	Upon collection of grab groundwater sample, boring was backfilled with neat cement from total depth to ground surface.
						CL	CLAY (CL) – very dark grayish brown (10YR 3/2), moist, medium plasticity; 95% clay, 5% fine sand.	
	10	N/A	B2-4				Color changes to greenish gray (5GY 5/1) at 3 feet.	
5	17	15	B2-6			GC	CLAYEY GRAVEL (GC) – greenish gray (5GY 5/1), damp, medium dense; 60% subrounded to well rounded fine to coarse gravel, 30% clay, 10% fine to coarse sand.	
10	8	12	B2-11				Color changes to yellowish brown (10YR 5/4) at 10 feet. Becomes moist to saturated at 11 feet.	
						CL	CLAY (CL) – yellowish brown (10YR 5/8), damp, medium plasticity, hard; 90% clay, 10% fine sand.	
15	0	30	B2-16				Bottom of boring at 16.5 feet bgs.	
							(* = Converted to equivalent standard penetration blows/foot	
							N/A = Not applicable)	
20								
25								
30								
35								

JOB NUMBER: *346503.01*

Gettler-Ryan, Inc.

Log of Boring B-3

PROJECT: *Chevron Service Station #9-2029*	LOCATION: *890 West MacArthur Boulevard, Oakland, CA*
GR PROJECT NO.: *346503.01*	SURFACE ELEVATION: *--MSL*
DATE STARTED: *10/09/00*	WL (ft. bgs): *14.0* DATE: *10/09/00* TIME: *14:40*
DATE FINISHED: *10/09/00*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *8 in. Hollow Stem Auger*	TOTAL DEPTH: *16.5 feet*
DRILLING COMPANY: *Woodward Drilling*	GEOLOGIST: *Barbara Sieminski*

DEPTH (feet)	PID (ppm)	BLOWS/FT. *	SAMPLE NUMBER	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
					PAVEMENT: Concrete over gravel.	Upon collection of grab groundwater sample boring was backfilled with neat cement from total depth to ground surface.
				CL	CLAY (CL) – very dark grayish brown (10YR 3/2), moist, medium plasticity; 95% clay, 5% fine sand.	
					Color changes to greenish gray (5GY 5/1) at 4 feet.	
5	14	>100	B3-6	GC	CLAYEY GRAVEL (GC) – greenish gray (5GY 5/1), damp, very dense; 50% subrounded fine to coarse gravel, 40% clay, 10% fine to coarse sand.	
10	400	9	B3-11	CL	CLAY WITH SAND (CL) – yellowish brown (10YR 5/6), moist, medium stiff, low plasticity; 80% clay, 20% fine to coarse sand.	
15	0	>100	B3-16	GC	▽ CLAYEY GRAVEL (GC) – yellowish brown (10YR 5/6), saturated, very dense; 60% subrounded to well rounded fine to coarse gravel, 20% fine to coarse sand, 20% clay.	
					Bottom of boring at 16.5 feet bgs.	
					(* = Converted to equivalent standard penetration blows/foot.)	
20						
25						
30						
35						

JOB NUMBER: *346503.01*

Gettler-Ryan, Inc.

Log of Boring B-4

PROJECT: *Chevron Service Station #9-2029*	LOCATION: *890 West MacArthur Boulevard, Oakland, CA*
GR PROJECT NO.: *346503.01*	SURFACE ELEVATION: *--MSL*
DATE STARTED: *10/09/00*	WL (ft. bgs): *13.5* DATE: *10/09/00* TIME: *12:20*
DATE FINISHED: *10/09/00*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *8 in. Hollow Stem Auger*	TOTAL DEPTH: *16.5 feet*
DRILLING COMPANY: *Wodward Drilling*	GEOLOGIST: *Barbara Sieminski*

DEPTH (feet)	PID (ppm)	BLOWS/FT. *	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0							PAVEMENT: Concrete over gravel.	Upon collection of grab groundwater sample, boring was backfilled with neat cement from total depth to ground surface.
						CL	CLAY (CL) – very dark grayish brown (10YR 3/2), moist, medium plasticity; 95% clay, 5% fine sand.	
5	0	>100	B4-6			GC	CLAYEY GRAVEL (GC) – greenish gray (5GY 5/1), damp, very dense; 50% subrounded fine gravel, 40% clay, 10% fine to coarse sand.	
10	0	41	B4-11				Color changes to yellowish brown (10YR 5/6); becomes moist to saturated; gravel increases to 60%, fine to coarse sand increases to 20%, clay decreases to 20%.	
15	0	>100	B4-16			CL	CLAY (CL) – yellowish brown (10YR 5/8), moist, medium plasticity, hard; 90% clay, 10% fine to medium sand.	
							Bottom of boring at 16.5 feet bgs.	
20							(* = Converted to equivalent standard penetration blows/foot.)	
25								
30								
35								

JOB NUMBER: *346503.01*

Gettler-Ryan, Inc.

Log of Boring B-5

PROJECT: *Chevron Service Station #9-2029*	LOCATION: *890 West MacArthur Boulevard, Oakland, CA*
GR PROJECT NO.: *346503.01*	SURFACE ELEVATION: *--MSL*
DATE STARTED: *10/05/00*	WL (ft. bgs): *12.3* DATE: *10/06/00* TIME: *7:30*
DATE FINISHED: *10/06/00*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. GeoProbe*	TOTAL DEPTH: *17.0 feet*
DRILLING COMPANY: *Bay Area Exploration*	GEOLOGIST: *Barbara Sieminski*

DEPTH (feet)	PID (ppm)	BLOWS/FT. *	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
							PAVEMENT: Concrete over gravel.	
						CL	CLAY (CL) – very dark grayish brown (10YR 3/2), damp, medium plasticity; 90% clay, 10% fine to coarse sand.	Upon collection of grab groundwater sample, boring was backfilled with neat cement from total depth to ground surface.
							Color changes to olive (5Y 5/3) at 4 feet.	
5	0	N/A	B5-6			GC	CLAYEY GRAVEL (GC) – brown (10YR 5/3), damp; 70% subrounded to well rounded fine to coarse gravel, 20% clay, 10% fine to coarse sand.	
							Becomes moist at 8.5 feet.	
10	0	N/A	B5-11			CL	CLAY (CL) – yellowish brown (10YR 5/4), moist, medium plasticity; 70% clay, 30% silt.	
							▽ Becomes saturated at 12.3 feet.	
15	0	N/A	B5-16			CL	SANDY CLAY WITH GRAVEL (CL) – yellowish brown (10YR 5/6), moist, low plasticity; 60% clay, 30% fine to coarse sand, 10% subrounded fine gravel.	
							Becomes damp at 16 feet.	
							Bottom of boring at 17.0 feet bgs.	
20							(N/A = Not applicable)	
25								
30								
35								

JOB NUMBER: *346503.01*

Gettler-Ryan, Inc.

Log of Boring B-6

PROJECT: *Chevron Service Station #9-2029*	LOCATION: *890 West MacArthur Boulevard, Oakland, CA*
GR PROJECT NO. : *346503.01*	SURFACE ELEVATION: *--MSL*
DATE STARTED: *10/05/00*	WL (ft. bgs): *11.8* DATE: *10/06/00* TIME: *16:35*
DATE FINISHED: *10/06/00*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. GeoProbe/6 in. Hollow Stem Auger*	TOTAL DEPTH: *19.0 feet*
DRILLING COMPANY: *Bay Area Exploration*	GEOLOGIST: *Barbara Sieminski*

DEPTH (feet)	PID (ppm)	BLOWS/FT. #	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
							PAVEMENT: Concrete over gravel.	Geoprobe boring collapsed before grab groundwater sample was collected , therefore, was redrilled with 6 in. hollow stem augers to facilitate grab groundwater sample collection. Upon collection of grab groundwater sample, boring was backfilled with neat cement from total depth to ground surface.
						CL	CLAY (CL) - very dark grayish brown (10YR 3/2), damp, medium plasticity; 90% clay, 10% fine to coarse sand.	
							Color changes to olive (5Y 5/3) at 4 feet.	
5	0	N/A	B6-6			GC	CLAYEY GRAVEL (GC) - olive (5Y 5/3) mottled light olive brown (2.5Y 5/6), damp; 60% subrounded fine to coarse gravel, 20% clay, 20% fine to coarse sand.	
10	0	N/A	B6-11			CL	SANDY CLAY (CL) - yellowish brown (10YR 5/4), moist, medium plasticity; 70% clay, 30% fine to coarse sand.	
							▽ Becomes saturated at 11.8 feet.	
15	0	N/A	B6-16			CL	CLAY (CL) - yellowish brown (10YR 5/6), moist, medium plasticity; 90% clay, 10% silt.	
	0	N/A	B6-18.5					
20							Bottom of boring at 19.0 feet bgs.	
							(N/A = Not applicable)	
25								
30								
35								

JOB NUMBER: *346503.01*

Gettler-Ryan, Inc.

Log of Boring B-7

PROJECT: *Chevron Service Station #9-2029*	LOCATION: *890 West MacArthur Boulevard, Oakland, CA*
GR PROJECT NO. : *346503.01*	SURFACE ELEVATION: *--MSL*
DATE STARTED: *10/09/00*	WL (ft. bgs): *13.0* DATE: *10/09/00* TIME: *12:00*
DATE FINISHED: *10/09/00*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *8 in. Hollow Stem Auger*	TOTAL DEPTH: *16.5 feet*
DRILLING COMPANY: *Woodward Drilling*	GEOLOGIST: *Barbara Sieminski*

DEPTH (feet)	PID (ppm)	BLOWS/FT. *	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
							PAVEMENT: Concrete over gravel.	Upon collection of grab groundwater sample boring was backfilled with neat cement from total depth to ground surface.
						CL	CLAY (CL) – very dark grayish brown (10YR 3/2), moist, medium plasticity; 95% clay, 5% fine sand.	
	0	N/A	B7-4				Color changes to greenish gray (5GY 5/1) at 4 feet.	
5	10	30	B7-6			GC	CLAYEY GRAVEL (GC) – greenish gray (5GY 5/1), damp, dense; 50% subrounded fine to coarse gravel, 40% clay, 10% fine to coarse sand.	
						CL	CLAY WITH SAND (CL) – yellowish brown (10YR 5/6), moist to saturated, medium stiff, low plasticity; 80% clay, 20% fine to coarse sand, trace fine gravel.	
10	0	9	B7-11				▼	
						CL	CLAY (CL) – yellowish brown (10YR 5/6), moist to damp, hard; 90% clay, 10% fine to medium sand.	
15	0	29	B7-16				Bottom of boring at 16.5 feet bgs.	
							(* = Converted to equivalent standard penetration blows/foot	
							N/A = Not applicable)	
20								
25								
30								
35								

JOB NUMBER: *346503.01*

Gettler-Ryan, Inc.

Log of Boring B-8

PROJECT: *Chevron Service Station #9-2029*	LOCATION: *890 West MacArthur Boulevard, Oakland, CA*
GR PROJECT NO. : *346503.01*	SURFACE ELEVATION: *--MSL*
DATE STARTED: *10/06/00*	WL (ft. bgs): *12.8* DATE: *10/06/00* TIME: *16:30*
DATE FINISHED: *10/06/00*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *6 in. Hollow Stem Auger*	TOTAL DEPTH: *16.5 feet*
DRILLING COMPANY: *Bay Area Exploration*	GEOLOGIST: *Barbara Sieminski*

DEPTH (feet)	PID (ppm)	BLOWS/FT. *	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0							PAVEMENT: Concrete over gravel.	
						CL	CLAY (CL) – dark gray (10YR 4/1), moist, medium plasticity; 95% clay, 5% fine sand.	Upon collection of grab groundwater sample, boring was backfilled with neat cement from total depth to ground surface.
5	6	16	B8-6				Color changes to greenish gray (5GY 5/1) at 5 feet.	
							Color changes to light olive brown (2.5Y 5/6) mottled gray (2.5Y 5/0) at 10 feet.	
10	0	13	B8-11			GC	CLAYEY GRAVEL (GC) – light olive brown (2.5Y 5/0), moist to saturated, medium dense; 70% subrounded fine to coarse gravel, 20% clay, 10% fine to coarse sand.	
						CL	CLAY WITH SAND (CL) – yellowish brown (10YR 5/8), moist, low plasticity, stiff; 80% clay, 20% fine to coarse sand, trace fine gravel.	
15	0	24	B8-16				Bottom of boring at 16.5 feet bgs.	
							(* = Converted to equivalent standard penetration blows/foot.)	
20								
25								
30								
35								

JOB NUMBER: *346503.01*

Gettler-Ryan, Inc.

Log of Boring B-9

PROJECT: *Chevron Service Station #9-2029*	LOCATION: *890 West MacArthur Boulevard, Oakland, CA*
GR PROJECT NO. : *346503.01*	SURFACE ELEVATION: *--MSL*
DATE STARTED: *10/09/00*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *10/09/00*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *8 in. Hollow Stem Auger*	TOTAL DEPTH: *17.0 feet*
DRILLING COMPANY: *Woodward Drilling*	GEOLOGIST: *Barbara Sieminski*

DEPTH (feet)	PID (ppm)	BLOWS/FT. *	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0							PAVEMENT: Concrete over gravel.	Boring was backfilled with neat cement from total depth to ground surface.
						CL	CLAY (CL) – very dark grayish brown (10YR 3/2), moist, medium plasticity; 95% clay, 5% fine sand.	
							Color changes to greenish gray (5GY 5/1) at 4 feet.	
5	160	27	B9-6			GC	CLAYEY GRAVEL (GC) – greenish gray (5GY 5/1), damp, dense; 50% subrounded fine to coarse gravel, 40% clay, 10% fine to coarse sand.	
						CL	CLAY WITH SAND (CL) – yellowish brown (10YR 5/6), moist to saturated, medium stiff, low plasticity; 80% clay, 20% fine to coarse sand.	
10	280	10	B9-11					
						CL	CLAY WITH SAND AND GRAVEL (CL) – yellowish brown (10YR 5/6), moist to damp, hard; 75% clay, 20% fine to coarse sand, 5% subrounded fine gravel.	
15	0	>100	B9-16				No sufficient water for sample collection after waiting 2 hours.	
							Bottom of boring at 17.0 feet bgs.	
20							(* = Converted to equivalent standard penetration blows/foot)	
25								
30								
35								

JOB NUMBER: *346503.01*

Gettler-Ryan, Inc.

Log of Boring B-10

PROJECT: *Chevron Service Station #9-2029*	LOCATION: *890 West MacArthur Boulevard, Oakland, CA*
GR PROJECT NO. : *346503.01*	SURFACE ELEVATION: *--MSL*
DATE STARTED: *10/06/00*	WL (ft. bgs): *13.8* DATE: *10/09/00* TIME: *7:30*
DATE FINISHED: *10/09/00*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *6 in. Hollow Stem Auger*	TOTAL DEPTH: *16.5 feet*
DRILLING COMPANY: *Bay Area Exploration*	GEOLOGIST: *Barbara Sieminski*

DEPTH (feet)	PID (ppm)	BLOWS/FT. *	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
							PAVEMENT: Concrete over gravel.	
						CL	CLAY (CL) – very dark grayish brown (10YR 3/2), moist, medium plasticity; 95% clay, 5% fine sand.	Upon collection of grab groundwater sample, boring was backfilled with neat cement from total depth to ground surface.
	6	N/A	B10-4				Color changes to greenish gray (5GY 5/1) at 3.5 feet.	
5	11	10	B10-6				With yellowish brown mottling (10YR 5/8) at 6 feet.	
						GC	CLAYEY GRAVEL (GC) – light olive brown (2.5GY 5/6) mottled gray (2.5Y 5/0), moist to saturated, medium dense; 70% subrounded fine to coarse gravel, 20% clay, 10% fine to coarse sand.	
10		18	B10-10					
	27	18	B10-11					
							▽	
						CL	CLAY (CL) – yellowish brown (10YR 5/8), moist to damp, medium plasticity, very stiff; 90% clay, 10% fine sand.	
15	4	24	B10-16					
							Bottom of boring at 16.5 feet bgs.	
							(* = Converted to equivalent standard penetration blows/foot	
							N/A = Not applicable)	
20								
25								
30								
35								

JOB NUMBER: *346503.01*

Sequoia Analytical

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1 November, 2000

Barbara Sieminski
Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin, CA 94568

RE: Chevron
Sequoia Report: W010197 RECREATE

Enclosed are the results of analyses for samples received by the laboratory on 09-Oct-00 16:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Charlie Westwater
Project Manager

CA ELAP Certificate #1271

Sequoia Analytical

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B6-6	W010197-01	Soil	05-Oct-00 10:30	09-Oct-00 16:45
B6-11	W010197-02	Soil	05-Oct-00 10:50	09-Oct-00 16:45
B5-6	W010197-03	Soil	05-Oct-00 13:20	09-Oct-00 16:45
B5-11	W010197-04	Soil	05-Oct-00 13:30	09-Oct-00 16:45
B4-6	W010197-05	Soil	09-Oct-00 09:15	09-Oct-00 16:45
B4-11	W010197-06	Soil	09-Oct-00 09:20	09-Oct-00 16:45
B7-6	W010197-07	Soil	09-Oct-00 10:05	09-Oct-00 16:45
B7-11	W010197-08	Soil	09-Oct-00 10:10	09-Oct-00 16:45
B3-6	W010197-09	Soil	09-Oct-00 10:40	09-Oct-00 16:45
B3-11	W010197-10	Soil	09-Oct-00 10:45	09-Oct-00 16:45
B9-6	W010197-11	Soil	09-Oct-00 11:30	09-Oct-00 16:45
B9-11	W010197-12	Soil	09-Oct-00 11:35	09-Oct-00 16:45
B10-W	W010197-13	Water	09-Oct-00 08:30	09-Oct-00 16:45
B7-W	W010197-14	Water	09-Oct-00 11:15	09-Oct-00 16:45
B4-W	W010197-15	Water	09-Oct-00 12:30	09-Oct-00 16:45
B3-W	W010197-16	Water	09-Oct-00 14:30	09-Oct-00 16:45

Sequoia Analytical - Walnut Creek

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

Charlie Westwater, Project Manager

Sequoia Analytical

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

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

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B6-6 (W010197-01) Soil Sampled: 05-Oct-00 10:30 Received: 09-Oct-00 16:45									
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0J10002	10-Oct-00	11-Oct-00	EPA 8015/8020	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*101 %*		*40-140*	"	"	"	"	
B6-11 (W010197-02) Soil Sampled: 05-Oct-00 10:50 Received: 09-Oct-00 16:45									
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0J10002	10-Oct-00	11-Oct-00	EPA 8015/8020	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*98.0 %*		*40-140*	"	"	"	"	
B5-6 (W010197-03) Soil Sampled: 05-Oct-00 13:20 Received: 09-Oct-00 16:45									
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0J10002	10-Oct-00	11-Oct-00	EPA 8015/8020	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*99.3 %*		*40-140*	"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

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

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B5-11 (W010197-04) Soil Sampled: 05-Oct-00 13:30 Received: 09-Oct-00 16:45									
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0J10002	10-Oct-00	11-Oct-00	EPA 8015/8020	
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		*90.3 %*		*40-140*	"	"	"	"	
B4-6 (W010197-05) Soil Sampled: 09-Oct-00 09:15 Received: 09-Oct-00 16:45									
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0J10002	10-Oct-00	11-Oct-00	EPA 8015/8020	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*99.0 %*		*40-140*	"	"	"	"	
B4-11 (W010197-06) Soil Sampled: 09-Oct-00 09:20 Received: 09-Oct-00 16:45									
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0J10002	10-Oct-00	11-Oct-00	EPA 8015/8020	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*99.3 %*		*40-140*	"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

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

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B7-6 (W010197-07) Soil Sampled: 09-Oct-00 10:05 Received: 09-Oct-00 16:45									
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0J10002	10-Oct-00	11-Oct-00	EPA 8015/8020	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*99.7 %*	*40-140*		"	"	"	"	
B7-11 (W010197-08) Soil Sampled: 09-Oct-00 10:10 Received: 09-Oct-00 16:45									
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0J10002	10-Oct-00	11-Oct-00	EPA 8015/8020	
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		*96.7 %*	*40-140*		"	"	"	"	
B3-6 (W010197-09) Soil Sampled: 09-Oct-00 10:40 Received: 09-Oct-00 16:45									
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0J10002	10-Oct-00	11-Oct-00	EPA 8015/8020	
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		*109 %*	*40-140*		"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

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

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B3-11 (W010197-10) Soil Sampled: 09-Oct-00 10:45 Received: 09-Oct-00 16:45									**P-01**
Purgeable Hydrocarbons	**930**	100	mg/kg	2000	0J10002	10-Oct-00	12-Oct-00	EPA 8015/8020	
Benzene	**6.7**	0.50	"	"	"	"	"	"	
Toluene	**1.2**	0.50	"	"	"	"	"	"	
Ethylbenzene	**22**	0.50	"	"	"	"	"	"	
Xylenes (total)	**100**	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**13**	5.0	"	"	"	"	"	"	CC-3
Surrogate: a,a,a-Trifluorotoluene		*%*	*40-140*		"	"	"	"	*S-01*
B9-6 (W010197-11) Soil Sampled: 09-Oct-00 11:30 Received: 09-Oct-00 16:45									**P-01**
Purgeable Hydrocarbons	**95**	10	mg/kg	200	0J10002	10-Oct-00	11-Oct-00	EPA 8015/8020	
Benzene	**0.15**	0.050	"	"	"	"	"	"	
Toluene	**0.20**	0.050	"	"	"	"	"	"	
Ethylbenzene	**1.9**	0.050	"	"	"	"	"	"	
Xylenes (total)	**2.2**	0.050	"	"	"	"	"	"	CC-3
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*119 %*	*40-140*		"	"	"	"	
B9-11 (W010197-12) Soil Sampled: 09-Oct-00 11:35 Received: 09-Oct-00 16:45									**P-01**
Purgeable Hydrocarbons	**200**	20	mg/kg	400	0J11002	11-Oct-00	11-Oct-00	EPA 8015/8020	
Benzene	**1.3**	0.10	"	"	"	"	"	"	CC-3
Toluene	**0.59**	0.10	"	"	"	"	"	"	CC-3
Ethylbenzene	**6.1**	0.10	"	"	"	"	"	"	
Xylenes (total)	**9.7**	0.10	"	"	"	"	"	"	CC-3
Methyl tert-butyl ether	**3.4**	1.0	"	"	"	"	"	"	CC-3
Surrogate: a,a,a-Trifluorotoluene		*170 %*	*40-140*		"	"	"	"	*S-04*

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

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

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B10-W (W010197-13) Water Sampled: 09-Oct-00 08:30 Received: 09-Oct-00 16:45									**A-01a,P-01**
Purgeable Hydrocarbons	**3700**	200	ug/l	4	0J11003	11-Oct-00	11-Oct-00	EPA 8015M/8020	
Benzene	**8.3**	2.0	"	"	"	"	"	"	
Toluene	**4.2**	2.0	"	"	"	"	"	"	
Ethylbenzene	**180**	2.0	"	"	"	"	"	"	
Xylenes (total)	**63**	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**46**	10	"	"	"	"	"	"	CC-3
Surrogate: a,a,a-Trifluorotoluene		*93.3 %*	*70-130*		"	"	"	"	
B7-W (W010197-14) Water Sampled: 09-Oct-00 11:15 Received: 09-Oct-00 16:45									**P-01**
Purgeable Hydrocarbons	**500**	50	ug/l	1	0J11003	11-Oct-00	11-Oct-00	EPA 8015M/8020	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**16**	0.50	"	"	"	"	"	"	
Xylenes (total)	**1.7**	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**230**	2.5	"	"	"	"	"	"	CC-3
Surrogate: a,a,a-Trifluorotoluene		*74.0 %*	*70-130*		"	"	"	"	
B4-W (W010197-15) Water Sampled: 09-Oct-00 12:30 Received: 09-Oct-00 16:45									
Purgeable Hydrocarbons	ND	50	ug/l	1	0J12002	12-Oct-00	12-Oct-00	EPA 8015M/8020	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**66**	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*104 %*	*70-130*		"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

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

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B3-W (W010197-16) Water	**Sampled: 09-Oct-00 14:30**	**Received: 09-Oct-00 16:45**							**P-01**
Purgeable Hydrocarbons	**33000**	10000	ug/l	200	0J12003	12-Oct-00	12-Oct-00	EPA 8015M/8020	
Benzene	**1200**	100	"	"	"	"	"	"	
Toluene	**580**	100	"	"	"	"	"	"	
Ethylbenzene	**2000**	100	"	"	"	"	"	"	
Xylenes (total)	**7500**	100	"	"	"	"	"	"	
Methyl tert-butyl ether	**670**	500	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*99.7 %*	*70-130*		"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Diesel Hydrocarbons (C9-C24) by DHS LUFT

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B4-6 (W010197-05) Soil Sampled: 09-Oct-00 09:15 Received: 09-Oct-00 16:45									
Diesel Range Hydrocarbons	ND	1.0	mg/kg	1	0J13011	13-Oct-00	17-Oct-00	DHS LUFT	
Surrogate: n-Pentacosane		*135 %*	*50-150*		"	"	"	"	
B4-11 (W010197-06) Soil Sampled: 09-Oct-00 09:20 Received: 09-Oct-00 16:45									
Diesel Range Hydrocarbons	ND	1.0	mg/kg	1	0J13011	13-Oct-00	14-Oct-00	DHS LUFT	
Surrogate: n-Pentacosane		*37.0 %*	*50-150*		"	"	"	"	*D-08*
B4-W (W010197-15) Water Sampled: 09-Oct-00 12:30 Received: 09-Oct-00 16:45									
Diesel Range Hydrocarbons	**170**	50	ug/l	1	0J13012	13-Oct-00	15-Oct-00	EPA 8015M	D-12
Surrogate: n-Pentacosane		*192 %*	*50-150*		"	"	"	"	*S-04*

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Total Metals by EPA 200 Series Methods

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B4-6 (W010197-05) Soil Sampled: 09-Oct-00 09:15 Received: 09-Oct-00 16:45									
Cadmium	**0.69**	0.50	mg/kg	1	0J16034	16-Oct-00	17-Oct-00	EPA 6010A	
Chromium	**42**	0.50	"	"	"	"	"	"	
Lead	**10**	1.0	"	"	"	"	"	"	
Nickel	**100**	1.0	"	"	"	"	"	"	
Zinc	**63**	2.0	"	"	"	"	"	"	
B4-11 (W010197-06) Soil Sampled: 09-Oct-00 09:20 Received: 09-Oct-00 16:45									
Cadmium	**0.57**	0.50	mg/kg	1	0J16034	16-Oct-00	17-Oct-00	EPA 6010A	
Chromium	**24**	0.50	"	"	"	"	"	"	
Lead	**3.5**	1.0	"	"	"	"	"	"	
Nickel	**29**	1.0	"	"	"	"	"	"	
Zinc	**50**	2.0	"	"	"	"	"	"	
B4-W (W010197-15) Water Sampled: 09-Oct-00 12:30 Received: 09-Oct-00 16:45									
Cadmium	ND	0.010	mg/l	1	0J13018	13-Oct-00	17-Oct-00	EPA 200.7	
Chromium	**0.11**	0.010	"	"	"	"	17-Oct-00	"	
Lead	**0.027**	0.020	"	"	"	"	17-Oct-00	"	
Nickel	**0.14**	0.010	"	"	"	"	17-Oct-00	"	
Zinc	**0.25**	0.020	"	"	"	"	17-Oct-00	"	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B6-6 (W010197-01) Soil Sampled: 05-Oct-00 10:30 Received: 09-Oct-00 16:45									
Lead	6.5	1.0	mg/kg	1	0J12013	12-Oct-00	12-Oct-00	EPA 6010A	
B6-11 (W010197-02) Soil Sampled: 05-Oct-00 10:50 Received: 09-Oct-00 16:45									
Lead	5.1	1.0	mg/kg	1	0J12013	12-Oct-00	12-Oct-00	EPA 6010A	
B5-6 (W010197-03) Soil Sampled: 05-Oct-00 13:20 Received: 09-Oct-00 16:45									
Lead	6.1	1.0	mg/kg	1	0J12013	12-Oct-00	12-Oct-00	EPA 6010A	
B5-11 (W010197-04) Soil Sampled: 05-Oct-00 13:30 Received: 09-Oct-00 16:45									
Lead	3.7	1.0	mg/kg	1	0J12013	12-Oct-00	12-Oct-00	EPA 6010A	
B7-6 (W010197-07) Soil Sampled: 09-Oct-00 10:05 Received: 09-Oct-00 16:45									
Lead	9.2	1.0	mg/kg	1	0J16034	16-Oct-00	17-Oct-00	EPA 6010A	
B7-11 (W010197-08) Soil Sampled: 09-Oct-00 10:10 Received: 09-Oct-00 16:45									
Lead	5.4	1.0	mg/kg	1	0J16034	16-Oct-00	17-Oct-00	EPA 6010A	
B3-6 (W010197-09) Soil Sampled: 09-Oct-00 10:40 Received: 09-Oct-00 16:45									
Lead	4.4	1.0	mg/kg	1	0J12013	12-Oct-00	12-Oct-00	EPA 6010A	
B3-11 (W010197-10) Soil Sampled: 09-Oct-00 10:45 Received: 09-Oct-00 16:45									
Lead	4.7	1.0	mg/kg	1	0J12013	12-Oct-00	12-Oct-00	EPA 6010A	
B9-6 (W010197-11) Soil Sampled: 09-Oct-00 11:30 Received: 09-Oct-00 16:45									
Lead	5.0	1.0	mg/kg	1	0J12013	12-Oct-00	12-Oct-00	EPA 6010A	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B9-11 (W010197-12) Soil Sampled: 09-Oct-00 11:35 Received: 09-Oct-00 16:45									
Lead	6.9	1.0	mg/kg	1	0J12013	12-Oct-00	12-Oct-00	EPA 6010A	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B10-W (W010197-13) Water Sampled: 09-Oct-00 08:30 Received: 09-Oct-00 16:45									
Ethanol	ND	500	ug/l	1	0J11034	12-Oct-00	12-Oct-00	EPA 8260B	
tert-Butyl alcohol	ND	50	"	"	"	"	"	"	
Methyl tert-butyl ether	**47**	2.0	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
tert-Amyl methyl ether	**2.4**	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
Ethylene dibromide	ND	2.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*	*50-150*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*50-150*		"	"	"	"	
B7-W (W010197-14) Water Sampled: 09-Oct-00 11:15 Received: 09-Oct-00 16:45									
Ethanol	ND	500	ug/l	1	0J11034	12-Oct-00	12-Oct-00	EPA 8260B	
tert-Butyl alcohol	ND	50	"	"	"	"	"	"	
Methyl tert-butyl ether	**360**	10	"	5	"	"	14-Oct-00	"	A-03
Di-isopropyl ether	ND	2.0	"	1	"	"	12-Oct-00	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
tert-Amyl methyl ether	**4.4**	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
Ethylene dibromide	ND	2.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*	*50-150*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*50-150*		"	"	"	"	
B4-W (W010197-15) Water Sampled: 09-Oct-00 12:30 Received: 09-Oct-00 16:45									
Ethanol	ND	500	ug/l	1	0J11034	12-Oct-00	12-Oct-00	EPA 8260B	
tert-Butyl alcohol	ND	50	"	"	"	"	"	"	
Methyl tert-butyl ether	**71**	2.0	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
Ethylene dibromide	ND	2.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*	*50-150*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*50-150*		"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B3-W (W010197-16) Water Sampled: 09-Oct-00 14:30 Received: 09-Oct-00 16:45									
Ethanol	ND	2500	ug/l	5	0J11034	12-Oct-00	12-Oct-00	EPA 8260B	
tert-Butyl alcohol	ND	250	"	"	"	"	"	"	
Methyl tert-butyl ether	**340**	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	110	"	55	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	5	"	"	"	"	
tert-Amyl methyl ether	ND	10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	10	"	"	"	"	"	"	
Ethylene dibromide	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*	*50-150*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*92.0 %*	*50-150*		"	"	"	"	

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6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Volatile Organic Compounds by EPA Method 8010B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B4-6 (W010197-05) Soil Sampled: 09-Oct-00 09:15 Received: 09-Oct-00 16:45									
Chloromethane	ND	0.050	mg/kg	100	0J12015	12-Oct-00	12-Oct-00	EPA 8010B	
Vinyl chloride	ND	0.050	"	"	"	"	"	"	
Bromomethane	ND	0.050	"	"	"	"	"	"	
Chloroethane	ND	0.050	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.025	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.025	"	"	"	"	"	"	
Methylene chloride	ND	0.25	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.025	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.025	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.025	"	"	"	"	"	"	
Chloroform	ND	0.025	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.025	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.025	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.025	"	"	"	"	"	"	
Trichloroethene	ND	0.025	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.025	"	"	"	"	"	"	
Bromodichloromethane	ND	0.025	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.025	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.025	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.025	"	"	"	"	"	"	
Tetrachloroethene	ND	0.025	"	"	"	"	"	"	
Dibromochloromethane	ND	0.025	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.025	"	"	"	"	"	"	
Chlorobenzene	ND	0.025	"	"	"	"	"	"	
Bromoform	ND	0.025	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.025	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.025	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.025	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.025	"	"	"	"	"	"	
Surrogate: Dibromodifluoromethane		*172 %*	*50-150*		"	"	"	"	*S-03*
Surrogate: 1-Chloro-2-fluorobenzene		*112 %*	*50-150*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.0 %*	*50-150*		"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Volatile Organic Compounds by EPA Method 8010B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B4-11 (W010197-06) Soil Sampled: 09-Oct-00 09:20 Received: 09-Oct-00 16:45									
Chloromethane	ND	0.050	mg/kg	100	0J12015	12-Oct-00	12-Oct-00	EPA 8010B	
Vinyl chloride	ND	0.050	"	"	"	"	"	"	
Bromomethane	ND	0.050	"	"	"	"	"	"	
Chloroethane	ND	0.050	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.025	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.025	"	"	"	"	"	"	
Methylene chloride	ND	0.25	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.025	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.025	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.025	"	"	"	"	"	"	
Chloroform	ND	0.025	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.025	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.025	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.025	"	"	"	"	"	"	
Trichloroethene	ND	0.025	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.025	"	"	"	"	"	"	
Bromodichloromethane	ND	0.025	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.025	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.025	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.025	"	"	"	"	"	"	
Tetrachloroethene	ND	0.025	"	"	"	"	"	"	
Dibromochloromethane	ND	0.025	"	"	"	"	"	"	
1,2-Dibromoethane	ND	0.025	"	"	"	"	"	"	
Chlorobenzene	ND	0.025	"	"	"	"	"	"	
Bromoform	ND	0.025	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.025	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.025	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.025	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.025	"	"	"	"	"	"	
Surrogate: Dibromodifluoromethane		*95.0 %*		*50-150*	"	"	"	"	
Surrogate: 1-Chloro-2-fluorobenzene		*76.0 %*		*50-150*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*76.0 %*		*50-150*	"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Volatile Organic Compounds by EPA Method 8010B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B4-W (W010197-15) Water Sampled: 09-Oct-00 12:30 Received: 09-Oct-00 16:45									
Chloromethane	ND	2.0	ug/l	1	0J12014	11-Oct-00	12-Oct-00	EPA 8010B	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
Freon 113	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	10	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	**4.3**	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Surrogate: Dibromodifluoromethane		*94.0 %*	*50-150*		"	"	"	"	
Surrogate: 1-Chloro-2-fluorobenzene		*70.0 %*	*50-150*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*74.0 %*	*50-150*		"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Semivolatile Organic Compounds by EPA Method 8270B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B4-6 (W010197-05) Soil Sampled: 09-Oct-00 09:15 Received: 09-Oct-00 16:45									
Acenaphthene	ND	0.10	mg/kg	1	0J13014	13-Oct-00	18-Oct-00	EPA 8270B	
Acenaphthylene	ND	0.10	"	"	"	"	"	"	
Anthracene	ND	0.10	"	"	"	"	"	"	
Aniline	ND	0.10	"	"	"	"	"	"	
Benzoic acid	ND	0.50	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.10	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.10	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.10	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.10	"	"	"	"	"	"	
Benzo[a]pyrene	ND	0.10	"	"	"	"	"	"	
Benzyl alcohol	ND	0.10	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.10	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.10	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.10	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.50	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.10	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.10	"	"	"	"	"	"	
4-Chloroaniline	ND	0.50	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.10	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	0.10	"	"	"	"	"	"	
2-Chlorophenol	ND	0.10	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	0.10	"	"	"	"	"	"	
Chrysene	ND	0.10	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.10	"	"	"	"	"	"	
Dibenzofuran	ND	0.10	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	0.50	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	0.10	"	"	"	"	"	"	
Diethyl phthalate	ND	0.10	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	0.10	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.10	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	0.50	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	0.50	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.10	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.10	"	"	"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Semivolatile Organic Compounds by EPA Method 8270B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B4-6 (W010197-05) Soil Sampled: 09-Oct-00 09:15 Received: 09-Oct-00 16:45									
Di-n-octyl phthalate	ND	0.10	mg/kg	1	0J13014	13-Oct-00	18-Oct-00	EPA 8270B	
Fluoranthene	ND	0.10	"	"	"	"	"	"	
Fluorene	ND	0.10	"	"	"	"	"	"	
Hexachlorobenzene	ND	0.10	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.10	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	0.10	"	"	"	"	"	"	
Hexachloroethane	ND	0.10	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.10	"	"	"	"	"	"	
Isophorone	ND	0.10	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.10	"	"	"	"	"	"	
2-Methylphenol	ND	0.10	"	"	"	"	"	"	
4-Methylphenol	ND	0.10	"	"	"	"	"	"	
Naphthalene	ND	0.10	"	"	"	"	"	"	
2-Nitroaniline	ND	0.50	"	"	"	"	"	"	
3-Nitroaniline	ND	0.50	"	"	"	"	"	"	
4-Nitroaniline	ND	0.50	"	"	"	"	"	"	
Nitrobenzene	ND	0.10	"	"	"	"	"	"	
2-Nitrophenol	ND	0.10	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	0.10	"	"	"	"	"	"	
4-Nitrophenol	ND	0.50	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.10	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.10	"	"	"	"	"	"	
Pentachlorophenol	ND	0.50	"	"	"	"	"	"	
Phenanthrene	ND	0.10	"	"	"	"	"	"	
Phenol	ND	0.10	"	"	"	"	"	"	
Pyrene	ND	0.10	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.10	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	0.50	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	0.10	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*70.2 %*		*25-121*	"	"	"	"	
Surrogate: Phenol-d6		*66.6 %*		*24-113*	"	"	"	"	
Surrogate: Nitrobenzene-d5		*76.6 %*		*23-120*	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*80.8 %*		*30-115*	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*80.4 %*		*19-122*	"	"	"	"	
Surrogate: p-Terphenyl-d14		*96.4 %*		*18-137*	"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Semivolatile Organic Compounds by EPA Method 8270B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B4-11 (W010197-06) Soil Sampled: 09-Oct-00 09:20 Received: 09-Oct-00 16:45									
Acenaphthene	ND	0.10	mg/kg	1	0J13014	13-Oct-00	18-Oct-00	EPA 8270B	
Acenaphthylene	ND	0.10	"	"	"	"	"	"	
Anthracene	ND	0.10	"	"	"	"	"	"	
Aniline	ND	0.10	"	"	"	"	"	"	
Benzoic acid	ND	0.50	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.10	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.10	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.10	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.10	"	"	"	"	"	"	
Benzo[a]pyrene	ND	0.10	"	"	"	"	"	"	
Benzyl alcohol	ND	0.10	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.10	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.10	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.10	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.50	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.10	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.10	"	"	"	"	"	"	
4-Chloroaniline	ND	0.50	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.10	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	0.10	"	"	"	"	"	"	
2-Chlorophenol	ND	0.10	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	0.10	"	"	"	"	"	"	
Chrysene	ND	0.10	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.10	"	"	"	"	"	"	
Dibenzofuran	ND	0.10	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.10	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	0.50	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	0.10	"	"	"	"	"	"	
Diethyl phthalate	ND	0.10	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	0.10	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.10	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	0.50	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	0.50	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.10	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.10	"	"	"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Semivolatile Organic Compounds by EPA Method 8270B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B4-11 (W010197-06) Soil Sampled: 09-Oct-00 09:20 Received: 09-Oct-00 16:45									
Di-n-octyl phthalate	ND	0.10	mg/kg	1	0J13014	13-Oct-00	18-Oct-00	EPA 8270B	
Fluoranthene	ND	0.10	"	"	"	"	"	"	
Fluorene	ND	0.10	"	"	"	"	"	"	
Hexachlorobenzene	ND	0.10	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.10	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	0.10	"	"	"	"	"	"	
Hexachloroethane	ND	0.10	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.10	"	"	"	"	"	"	
Isophorone	ND	0.10	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.10	"	"	"	"	"	"	
2-Methylphenol	ND	0.10	"	"	"	"	"	"	
4-Methylphenol	ND	0.10	"	"	"	"	"	"	
Naphthalene	ND	0.10	"	"	"	"	"	"	
2-Nitroaniline	ND	0.50	"	"	"	"	"	"	
3-Nitroaniline	ND	0.50	"	"	"	"	"	"	
4-Nitroaniline	ND	0.50	"	"	"	"	"	"	
Nitrobenzene	ND	0.10	"	"	"	"	"	"	
2-Nitrophenol	ND	0.10	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	0.10	"	"	"	"	"	"	
4-Nitrophenol	ND	0.50	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.10	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.10	"	"	"	"	"	"	
Pentachlorophenol	ND	0.50	"	"	"	"	"	"	
Phenanthrene	ND	0.10	"	"	"	"	"	"	
Phenol	ND	0.10	"	"	"	"	"	"	
Pyrene	ND	0.10	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.10	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	0.50	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	0.10	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*73.8 %*		*25-121*	"	"	"	"	
Surrogate: Phenol-d6		*71.2 %*		*24-113*	"	"	"	"	
Surrogate: Nitrobenzene-d5		*81.4 %*		*23-120*	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*85.0 %*		*30-115*	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*81.6 %*		*19-122*	"	"	"	"	
Surrogate: p-Terphenyl-d14		*89.5 %*		*18-137*	"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Semivolatile Organic Compounds by EPA Method 8270B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B4-W (W010197-15) Water Sampled: 09-Oct-00 12:30 Received: 09-Oct-00 16:45									
Acenaphthene	ND	5.0	ug/l	1	0J12017	12-Oct-00	18-Oct-00	EPA 8270B	
Acenaphthylene	ND	5.0	"	"	"	"	"	"	
Aniline	ND	5.0	"	"	"	"	"	"	
Anthracene	ND	5.0	"	"	"	"	"	"	
Benzoic acid	ND	10	"	"	"	"	"	"	
Benzo (a) anthracene	ND	5.0	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	5.0	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	5.0	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	5.0	"	"	"	"	"	"	
Benzo[a]pyrene	ND	5.0	"	"	"	"	"	"	
Benzyl alcohol	ND	5.0	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	5.0	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	5.0	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	5.0	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	10	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	5.0	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	5.0	"	"	"	"	"	"	
4-Chloroaniline	ND	10	"	"	"	"	"	"	
2-Chloronaphthalene	ND	5.0	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	5.0	"	"	"	"	"	"	
2-Chlorophenol	ND	5.0	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	5.0	"	"	"	"	"	"	
Chrysene	ND	5.0	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	5.0	"	"	"	"	"	"	
Dibenzofuran	ND	5.0	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	10	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	10	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	5.0	"	"	"	"	"	"	
Diethyl phthalate	ND	5.0	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	5.0	"	"	"	"	"	"	
Dimethyl phthalate	ND	5.0	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	10	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	5.0	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	5.0	"	"	"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Semivolatile Organic Compounds by EPA Method 8270B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B4-W (W010197-15) Water Sampled: 09-Oct-00 12:30 Received: 09-Oct-00 16:45									
Di-n-octyl phthalate	ND	5.0	ug/l	1	0J12017	12-Oct-00	18-Oct-00	EPA 8270B	
Fluoranthene	ND	5.0	"	"	"	"	"	"	
Fluorene	ND	5.0	"	"	"	"	"	"	
Hexachlorobenzene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	"	"	"	"	"	"	
Hexachloroethane	ND	5.0	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	5.0	"	"	"	"	"	"	
Isophorone	ND	5.0	"	"	"	"	"	"	
2-Methylnaphthalene	ND	5.0	"	"	"	"	"	"	
2-Methylphenol	ND	5.0	"	"	"	"	"	"	
4-Methylphenol	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
2-Nitroaniline	ND	10	"	"	"	"	"	"	
3-Nitroaniline	ND	10	"	"	"	"	"	"	
4-Nitroaniline	ND	10	"	"	"	"	"	"	
Nitrobenzene	ND	5.0	"	"	"	"	"	"	
2-Nitrophenol	ND	5.0	"	"	"	"	"	"	
4-Nitrophenol	ND	10	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	5.0	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	5.0	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	5.0	"	"	"	"	"	"	
Pentachlorophenol	ND	10	"	"	"	"	"	"	
Phenanthrene	ND	5.0	"	"	"	"	"	"	
Phenol	ND	5.0	"	"	"	"	"	"	
Pyrene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	10	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	5.0	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*46.5 %*	*21-110*		"	"	"	"	
Surrogate: Phenol-d6		*31.1 %*	*10-110*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*75.9 %*	*35-114*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*78.7 %*	*43-116*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*79.3 %*	*10-123*		"	"	"	"	
Surrogate: p-Terphenyl-d14		*86.4 %*	*33-141*		"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Conventional Chemistry Parameters by APHA/EPA Methods

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B4-6 (W010197-05) Soil Sampled: 09-Oct-00 09:15 Received: 09-Oct-00 16:45									
TRPH	ND	50	mg/kg	1	0J18014	18-Oct-00	19-Oct-00	SM 5520E/F	
B4-11 (W010197-06) Soil Sampled: 09-Oct-00 09:20 Received: 09-Oct-00 16:45									
TRPH	ND	50	mg/kg	1	0J18014	18-Oct-00	19-Oct-00	SM 5520E/F	
B4-W (W010197-15) Water Sampled: 09-Oct-00 12:30 Received: 09-Oct-00 16:45									
TRPH	ND	5.0	mg/l	1	0J17006	17-Oct-00	18-Oct-00	SM 5520B/F	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE 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 0J10002 - EPA 5030B [MeOH]										
Blank (0J10002-BLK1)				Prepared & Analyzed: 10-Oct-00						
Purgeable Hydrocarbons	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	*0.654*		"	*0.600*		*109*	*40-140*			
LCS (0J10002-BS1)				Prepared: 10-Oct-00 Analyzed: 11-Oct-00						
Benzene	0.612	0.0050	mg/kg	0.800		76.5	50-150			
Toluene	0.650	0.0050	"	0.800		81.2	50-150			
Ethylbenzene	0.696	0.0050	"	0.800		87.0	50-150			
Xylenes (total)	2.04	0.0050	"	2.40		85.0	50-150			
Surrogate: a,a,a-Trifluorotoluene	*0.688*		"	*0.600*		*115*	*40-140*			
Matrix Spike (0J10002-MS1)		Source: W009735-14		Prepared: 10-Oct-00 Analyzed: 11-Oct-00						
Benzene	0.656	0.0050	mg/kg	0.800	ND	82.0	50-150			
Toluene	0.714	0.0050	"	0.800	ND	89.2	50-150			
Ethylbenzene	0.774	0.0050	"	0.800	ND	96.7	50-150			
Xylenes (total)	2.33	0.0050	"	2.40	ND	97.1	50-150			
Surrogate: a,a,a-Trifluorotoluene	*0.672*		"	*0.600*		*112*	*40-140*			
Matrix Spike Dup (0J10002-MSD1)		Source: W009735-14		Prepared: 10-Oct-00 Analyzed: 11-Oct-00						
Benzene	0.638	0.0050	mg/kg	0.800	ND	79.8	50-150	2.78	20	
Toluene	0.698	0.0050	"	0.800	ND	87.3	50-150	2.27	20	
Ethylbenzene	0.760	0.0050	"	0.800	ND	95.0	50-150	1.83	20	
Xylenes (total)	2.25	0.0050	"	2.40	ND	93.7	50-150	3.49	20	
Surrogate: a,a,a-Trifluorotoluene	*0.664*		"	*0.600*		*111*	*40-140*			

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE 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 0J11002 - EPA 5030B [MeOH]										
Blank (0J11002-BLK1)				Prepared & Analyzed: 11-Oct-00						
Purgeable Hydrocarbons	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	*0.634*		"	*0.600*		*106*	*40-140*			
LCS (0J11002-BS1)				Prepared & Analyzed: 11-Oct-00						
Benzene	0.614	0.0050	mg/kg	0.800		76.8	50-150			
Toluene	0.663	0.0050	"	0.800		82.9	50-150			
Ethylbenzene	0.716	0.0050	"	0.800		89.5	50-150			
Xylenes (total)	2.11	0.0050	"	2.40		87.9	50-150			
Surrogate: a,a,a-Trifluorotoluene	*0.661*		"	*0.600*		*110*	*40-140*			
Matrix Spike (0J11002-MS1)			Source: W010120-02RE1	Prepared & Analyzed: 11-Oct-00						
Benzene	0.615	0.0050	mg/kg	0.800	ND	76.9	50-150			
Toluene	0.665	0.0050	"	0.800	ND	83.1	50-150			
Ethylbenzene	0.712	0.0050	"	0.800	ND	89.0	50-150			
Xylenes (total)	2.14	0.0050	"	2.40	ND	89.2	50-150			
Surrogate: a,a,a-Trifluorotoluene	*0.640*		"	*0.600*		*107*	*40-140*			
Matrix Spike Dup (0J11002-MSD1)			Source: W010120-02RE1	Prepared & Analyzed: 11-Oct-00						
Benzene	0.583	0.0050	mg/kg	0.800	ND	72.9	50-150	5.34	20	
Toluene	0.636	0.0050	"	0.800	ND	79.5	50-150	4.46	20	
Ethylbenzene	0.683	0.0050	"	0.800	ND	85.4	50-150	4.16	20	
Xylenes (total)	2.05	0.0050	"	2.40	ND	85.4	50-150	4.30	20	
Surrogate: a,a,a-Trifluorotoluene	*0.634*		"	*0.600*		*106*	*40-140*			

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE 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 0J11003 - EPA 5030B [P/T]										
Blank (0J11003-BLK1)				Prepared & Analyzed: 11-Oct-00						
Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	*30.5*		"	*30.0*		*102*	*70-130*			
LCS (0J11003-BS1)				Prepared & Analyzed: 11-Oct-00						
Benzene	21.3	0.50	ug/l	20.0		106	70-130			
Toluene	21.9	0.50	"	20.0		109	70-130			
Ethylbenzene	22.3	0.50	"	20.0		111	70-130			
Xylenes (total)	63.8	0.50	"	60.0		106	70-130			
Surrogate: a,a,a-Trifluorotoluene	*29.9*		"	*30.0*		*99.7*	*70-130*			
Matrix Spike (0J11003-MS1)		Source: W010090-12		Prepared & Analyzed: 11-Oct-00						
Benzene	22.0	0.50	ug/l	20.0	ND	110	70-130			
Toluene	22.5	0.50	"	20.0	ND	113	70-130			
Ethylbenzene	22.7	0.50	"	20.0	ND	114	70-130			
Xylenes (total)	65.0	0.50	"	60.0	ND	108	70-130			
Surrogate: a,a,a-Trifluorotoluene	*30.1*		"	*30.0*		*100*	*70-130*			
Matrix Spike Dup (0J11003-MSD1)		Source: W010090-12		Prepared & Analyzed: 11-Oct-00						
Benzene	21.8	0.50	ug/l	20.0	ND	109	70-130	0.913	20	
Toluene	22.4	0.50	"	20.0	ND	112	70-130	0.445	20	
Ethylbenzene	22.5	0.50	"	20.0	ND	113	70-130	0.885	20	
Xylenes (total)	65.1	0.50	"	60.0	ND	108	70-130	0.154	20	
Surrogate: a,a,a-Trifluorotoluene	*29.0*		"	*30.0*		*96.7*	*70-130*			

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE 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 0J12002 - EPA 5030B [P/T]										
Blank (0J12002-BLK1)				Prepared & Analyzed: 12-Oct-00						
Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	*30.1*		"	*30.0*		*100*	*70-130*			
LCS (0J12002-BS1)				Prepared & Analyzed: 12-Oct-00						
Benzene	17.8	0.50	ug/l	20.0		89.0	70-130			
Toluene	18.3	0.50	"	20.0		91.5	70-130			
Ethylbenzene	19.2	0.50	"	20.0		96.0	70-130			
Xylenes (total)	57.5	0.50	"	60.0		95.8	70-130			
Surrogate: a,a,a-Trifluorotoluene	*28.3*		"	*30.0*		*94.3*	*70-130*			
Matrix Spike (0J12002-MS1)		Source: W010049-02		Prepared & Analyzed: 12-Oct-00						
Benzene	19.4	0.50	ug/l	20.0	ND	97.0	70-130			
Toluene	20.1	0.50	"	20.0	ND	101	70-130			
Ethylbenzene	19.9	0.50	"	20.0	ND	99.5	70-130			
Xylenes (total)	60.1	0.50	"	60.0	ND	100	70-130			
Surrogate: a,a,a-Trifluorotoluene	*29.6*		"	*30.0*		*98.7*	*70-130*			
Matrix Spike Dup (0J12002-MSD1)		Source: W010049-02		Prepared & Analyzed: 12-Oct-00						
Benzene	19.1	0.50	ug/l	20.0	ND	95.5	70-130	1.56	20	
Toluene	19.5	0.50	"	20.0	ND	97.5	70-130	3.03	20	
Ethylbenzene	20.4	0.50	"	20.0	ND	102	70-130	2.48	20	
Xylenes (total)	61.3	0.50	"	60.0	ND	102	70-130	1.98	20	
Surrogate: a,a,a-Trifluorotoluene	*29.2*		"	*30.0*		*97.3*	*70-130*			

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE 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 0J12003 - EPA 5030B [P/T]										
Blank (0J12003-BLK1)				Prepared & Analyzed: 12-Oct-00						
Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	*31.2*		"	*30.0*		*104*	*70-130*			
LCS (0J12003-BS1)				Prepared & Analyzed: 12-Oct-00						
Benzene	18.2	0.50	ug/l	20.0		91.0	70-130			
Toluene	18.7	0.50	"	20.0		93.5	70-130			
Ethylbenzene	19.0	0.50	"	20.0		95.0	70-130			
Xylenes (total)	54.9	0.50	"	60.0		91.5	70-130			
Surrogate: a,a,a-Trifluorotoluene	*27.9*		"	*30.0*		*93.0*	*70-130*			
Matrix Spike (0J12003-MS1)		**Source: W010090-10**		Prepared & Analyzed: 12-Oct-00						
Benzene	21.1	0.50	ug/l	20.0	ND	106	70-130			
Toluene	21.8	0.50	"	20.0	0.50	106	70-130			
Ethylbenzene	21.2	0.50	"	20.0	ND	106	70-130			
Xylenes (total)	61.2	0.50	"	60.0	ND	102	70-130			
Surrogate: a,a,a-Trifluorotoluene	*28.5*		"	*30.0*		*95.0*	*70-130*			
Matrix Spike Dup (0J12003-MSD1)		**Source: W010090-10**		Prepared & Analyzed: 12-Oct-00						
Benzene	20.1	0.50	ug/l	20.0	ND	101	70-130	4.85	20	
Toluene	21.0	0.50	"	20.0	0.50	103	70-130	3.74	20	
Ethylbenzene	21.2	0.50	"	20.0	ND	106	70-130	0	20	
Xylenes (total)	60.8	0.50	"	60.0	ND	101	70-130	0.656	20	
Surrogate: a,a,a-Trifluorotoluene	*29.1*		"	*30.0*		*97.0*	*70-130*			

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Diesel Hydrocarbons (C9-C24) 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 0J13011 - EPA 3510B										
Blank (0J13011-BLK1)				Prepared: 13-Oct-00 Analyzed: 17-Oct-00						
Diesel Range Hydrocarbons	ND	1.0	mg/kg							
Surrogate: n-Pentacosane	*1.37*		"	*1.11*		*123*	*50-150*			
LCS (0J13011-BS1)				Prepared: 13-Oct-00 Analyzed: 16-Oct-00						
Diesel Range Hydrocarbons	14.0	1.0	mg/kg	15.0		93.3	60-140			
Surrogate: n-Pentacosane	*1.98*		"	*1.11*		*178*	*50-150*			*Q-01*
LCS Dup (0J13011-BSD1)				Prepared: 13-Oct-00 Analyzed: 16-Oct-00						
Diesel Range Hydrocarbons	13.0	1.0	mg/kg	15.0		86.7	60-140	7.41	40	
Surrogate: n-Pentacosane	*1.92*		"	*1.11*		*173*	*50-150*			*Q-01*
Batch 0J13012 - EPA 3510B										
Blank (0J13012-BLK1)				Prepared: 13-Oct-00 Analyzed: 27-Oct-00						
Diesel Range Hydrocarbons	ND	50	ug/l							
Surrogate: n-Pentacosane	*22.3*		"	*33.3*		*67.0*	*50-150*			
LCS (0J13012-BS1)				Prepared: 13-Oct-00 Analyzed: 18-Oct-00						
Diesel Range Hydrocarbons	404	50	ug/l	500		80.8	60-140			
Surrogate: n-Pentacosane	*37.3*		"	*33.3*		*112*	*50-150*			
LCS Dup (0J13012-BSD1)				Prepared: 13-Oct-00 Analyzed: 27-Oct-00						
Diesel Range Hydrocarbons	331	50	ug/l	500		66.2	60-140	19.9	50	
Surrogate: n-Pentacosane	*46.0*		"	*33.3*		*138*	*50-150*			

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6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Total Metals by EPA 200 Series Methods - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J12013 - EPA 3050B										
Blank (0J12013-BLK1)				Prepared & Analyzed: 12-Oct-00						
Cadmium	ND	0.50	mg/kg							
Chromium	ND	0.50	"							
Lead	ND	1.0	"							
Nickel	ND	1.0	"							
Zinc	ND	1.0	"							
LCS (0J12013-BS1)				Prepared & Analyzed: 12-Oct-00						
Cadmium	49.5	0.50	mg/kg	50.0		99.0	80-120			
Chromium	51.0	0.50	"	50.0		102	80-120			
Lead	51.4	1.0	"	50.0		103	80-120			
Nickel	47.5	1.0	"	50.0		95.0	80-120			
Zinc	53.9	1.0	"	50.0		108	80-120			
LCS Dup (0J12013-BSD1)				Prepared & Analyzed: 12-Oct-00						
Cadmium	53.6	0.50	mg/kg	50.0		107	80-120	7.95	20	
Chromium	52.6	0.50	"	50.0		105	80-120	3.09	20	
Lead	51.8	1.0	"	50.0		104	80-120	0.775	20	
Nickel	49.7	1.0	"	50.0		99.4	80-120	4.53	20	
Zinc	52.3	1.0	"	50.0		105	80-120	3.01	20	
Matrix Spike (0J12013-MS1)		Source: W010197-01		Prepared & Analyzed: 12-Oct-00						
Cadmium	50.8	0.50	mg/kg	50.0	ND	101	80-120			
Chromium	93.8	0.50	"	50.0	45	97.6	80-120			
Lead	53.8	1.0	"	50.0	6.5	94.6	80-120			
Nickel	126	1.0	"	50.0	72	108	80-120			
Zinc	104	1.0	"	50.0	54	100	80-120			
Matrix Spike Dup (0J12013-MSD1)		Source: W010197-01		Prepared & Analyzed: 12-Oct-00						
Cadmium	48.9	0.50	mg/kg	50.0	ND	97.2	80-120	3.81	20	
Chromium	92.4	0.50	"	50.0	45	94.8	80-120	1.50	20	
Lead	53.4	1.0	"	50.0	6.5	93.8	80-120	0.746	20	
Nickel	121	1.0	"	50.0	72	98.0	80-120	4.05	20	
Zinc	104	1.0	"	50.0	54	100	80-120	0	20	

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6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Total Metals by EPA 200 Series Methods - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J13018 - 200.7										
Blank (0J13018-BLK1)				Prepared: 13-Oct-00 Analyzed: 16-Oct-00						
Cadmium	ND	0.010	mg/l							
Chromium	ND	0.010	"							
Lead	ND	0.020	"							
Nickel	ND	0.010	"							
Zinc	ND	0.020	"							
LCS (0J13018-BS1)				Prepared: 13-Oct-00 Analyzed: 16-Oct-00						
Cadmium	1.00	0.010	mg/l	1.00		100	80-120			
Chromium	0.978	0.010	"	1.00		97.8	80-120			
Lead	0.987	0.020	"	1.00		98.7	80-120			
Nickel	1.04	0.010	"	1.00		104	80-120			
Zinc	0.940	0.020	"	1.00		94.0	80-120			
LCS Dup (0J13018-BSD1)				Prepared: 13-Oct-00 Analyzed: 16-Oct-00						
Cadmium	0.994	0.010	mg/l	1.00		99.4	80-120	0.602	20	
Chromium	0.970	0.010	"	1.00		97.0	80-120	0.821	20	
Lead	0.996	0.020	"	1.00		99.6	80-120	0.908	20	
Nickel	1.03	0.010	"	1.00		103	80-120	0.966	20	
Zinc	0.917	0.020	"	1.00		91.7	80-120	2.48	20	
Batch 0J16034 - EPA 3050B										
Blank (0J16034-BLK1)				Prepared: 16-Oct-00 Analyzed: 17-Oct-00						
Cadmium	ND	0.50	mg/kg							
Chromium	ND	0.50	"							
Lead	ND	1.0	"							
Nickel	ND	1.0	"							
Zinc	ND	2.0	"							

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Total Metals by EPA 200 Series Methods - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J16034 - EPA 3050B										
LCS (0J16034-BS1)				Prepared: 16-Oct-00 Analyzed: 17-Oct-00						
Cadmium	49.8	0.50	mg/kg	50.0		99.6	80-120			
Chromium	52.9	0.50	"	50.0		106	80-120			
Lead	51.9	1.0	"	50.0		104	80-120			
Nickel	51.4	1.0	"	50.0		103	80-120			
Zinc	46.9	2.0	"	50.0		93.8	80-120			
LCS Dup (0J16034-BSD1)				Prepared: 16-Oct-00 Analyzed: 17-Oct-00						
Cadmium	50.2	0.50	mg/kg	50.0		100	80-120	0.800	20	
Chromium	52.0	0.50	"	50.0		104	80-120	1.72	20	
Lead	50.7	1.0	"	50.0		101	80-120	2.34	20	
Nickel	53.5	1.0	"	50.0		107	80-120	4.00	20	
Zinc	48.3	2.0	"	50.0		96.6	80-120	2.94	20	
Matrix Spike (0J16034-MS1)		Source: W010197-05		Prepared: 16-Oct-00 Analyzed: 17-Oct-00						
Cadmium	43.4	0.50	mg/kg	50.0	0.69	85.4	80-120			
Chromium	83.5	0.50	"	50.0	42	83.0	80-120			
Lead	50.4	1.0	"	50.0	10	80.8	80-120			
Nickel	131	1.0	"	50.0	100	62.0	80-120			Q-01
Zinc	101	2.0	"	50.0	63	76.0	80-120			Q-01
Matrix Spike Dup (0J16034-MSD1)		Source: W010197-05		Prepared: 16-Oct-00 Analyzed: 17-Oct-00						
Cadmium	44.9	0.50	mg/kg	50.0	0.69	88.4	80-120	3.40	20	
Chromium	81.9	0.50	"	50.0	42	79.8	80-120	1.93	20	Q-01
Lead	51.1	1.0	"	50.0	10	82.2	80-120	1.38	20	
Nickel	136	1.0	"	50.0	100	72.0	80-120	3.75	20	Q-01
Zinc	95.3	2.0	"	50.0	63	64.6	80-120	5.81	20	Q-01

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

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

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J12013 - EPA 3050B										
Blank (0J12013-BLK1)				Prepared & Analyzed: 12-Oct-00						
Lead	ND	1.0	mg/kg							
LCS (0J12013-BS1)				Prepared & Analyzed: 12-Oct-00						
Lead	49.5	1.0	mg/kg	50.0		99.0	80-120			
LCS Dup (0J12013-BSD1)				Prepared & Analyzed: 12-Oct-00						
Lead	51.8	1.0	mg/kg	50.0		104	80-120	4.54	20	
Matrix Spike (0J12013-MS1)		Source: W010197-01		Prepared & Analyzed: 12-Oct-00						
Lead	53.8	1.0	mg/kg	50.0	6.5	94.6	80-120			
Matrix Spike Dup (0J12013-MSD1)		Source: W010197-01		Prepared & Analyzed: 12-Oct-00						
Lead	53.4	1.0	mg/kg	50.0	6.5	93.8	80-120	0.746	20	
Batch 0J16034 - EPA 3050B										
Blank (0J16034-BLK1)				Prepared: 16-Oct-00 Analyzed: 17-Oct-00						
Lead	ND	1.0	mg/kg							
LCS (0J16034-BS1)				Prepared: 16-Oct-00 Analyzed: 17-Oct-00						
Lead	51.9	1.0	mg/kg	50.0		104	80-120			
LCS Dup (0J16034-BSD1)				Prepared: 16-Oct-00 Analyzed: 17-Oct-00						
Lead	50.7	1.0	mg/kg	50.0		101	80-120	2.34	20	
Matrix Spike (0J16034-MS1)		Source: W010197-05		Prepared: 16-Oct-00 Analyzed: 17-Oct-00						
Lead	50.4	1.0	mg/kg	50.0	10	80.8	80-120			

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

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

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J16034 - EPA 3050B										
Matrix Spike Dup (0J16034-MSD1)	**Source: W010197-05**			Prepared: 16-Oct-00 Analyzed: 17-Oct-00						
Lead	51.1	1.0	mg/kg	50.0	10	82.2	80-120	1.38	20	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J11034 - EPA 5030B [P/T]										
Blank (0J11034-BLK1)				Prepared & Analyzed: 11-Oct-00						
Ethanol	ND	500	ug/l							
tert-Butyl alcohol	ND	50	"							
Methyl tert-butyl ether	ND	2.0	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
tert-Amyl methyl ether	ND	2.0	"							
1,2-Dichloroethane	ND	2.0	"							
Ethylene dibromide	ND	2.0	"							
Surrogate: Dibromofluoromethane	*50.0*		"	*50.0*		*100*	*50-150*			
Surrogate: 1,2-Dichloroethane-d4	*47.0*		"	*50.0*		*94.0*	*50-150*			
Blank (0J11034-BLK2)				Prepared & Analyzed: 12-Oct-00						
Ethanol	ND	500	ug/l							
tert-Butyl alcohol	ND	50	"							
Methyl tert-butyl ether	ND	2.0	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
tert-Amyl methyl ether	ND	2.0	"							
1,2-Dichloroethane	ND	2.0	"							
Ethylene dibromide	ND	2.0	"							
Surrogate: Dibromofluoromethane	*50.0*		"	*50.0*		*100*	*50-150*			
Surrogate: 1,2-Dichloroethane-d4	*47.0*		"	*50.0*		*94.0*	*50-150*			
LCS (0J11034-BS1)				Prepared & Analyzed: 11-Oct-00						
Methyl tert-butyl ether	47.3	2.0	ug/l	50.0		94.6	70-130			
Surrogate: Dibromofluoromethane	*50.0*		"	*50.0*		*100*	*50-150*			
Surrogate: 1,2-Dichloroethane-d4	*46.0*		"	*50.0*		*92.0*	*50-150*			

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J11034 - EPA 5030B [P/T]										
LCS (0J11034-BS2)				Prepared & Analyzed: 12-Oct-00						
Methyl tert-butyl ether	52.4	2.0	ug/l	50.0		105	70-130			
Surrogate: Dibromofluoromethane	*50.0*		"	*50.0*		*100*	*50-150*			
Surrogate: 1,2-Dichloroethane-d4	*45.0*		"	*50.0*		*90.0*	*50-150*			
Matrix Spike (0J11034-MS1)		**Source: W009692-01**		Prepared: 11-Oct-00 Analyzed: 12-Oct-00						
Methyl tert-butyl ether	52.8	2.0	ug/l	50.0	ND	106	60-150			
Surrogate: Dibromofluoromethane	*51.0*		"	*50.0*		*102*	*50-150*			
Surrogate: 1,2-Dichloroethane-d4	*46.0*		"	*50.0*		*92.0*	*50-150*			
Matrix Spike Dup (0J11034-MSD1)		**Source: W009692-01**		Prepared: 11-Oct-00 Analyzed: 12-Oct-00						
Methyl tert-butyl ether	58.4	2.0	ug/l	50.0	ND	117	60-150	10.1	25	
Surrogate: Dibromofluoromethane	*53.0*		"	*50.0*		*106*	*50-150*			
Surrogate: 1,2-Dichloroethane-d4	*48.0*		"	*50.0*		*96.0*	*50-150*			

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Gettler Ryan, Inc. - Dublin 6747 Sierra Court Suite J Dublin CA, 94568	Project: Chevron Project Number: Chevron # 9-2029 Project Manager: Barbara Sieminski	**Reported:** 30-Oct-00 07:34

Volatile Organic Compounds by EPA Method 8010B - Quality Control
Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J12014 - EPA 5030B [P/T]										
Blank (0J12014-BLK1)			Prepared: 11-Oct-00 Analyzed: 12-Oct-00							
Chloromethane	ND	2.0	ug/l							
Vinyl chloride	ND	1.0	"							
Bromomethane	ND	1.0	"							
Chloroethane	ND	1.0	"							
Trichlorofluoromethane	ND	0.50	"							
Freon 113	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
Methylene chloride	ND	10	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
Chloroform	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Carbon tetrachloride	ND	1.0	"							
1,2-Dichloroethane	ND	2.0	"							
Trichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
cis-1,3-Dichloropropene	ND	1.0	"							
trans-1,3-Dichloropropene	ND	0.50	"							
1,1,2-Trichloroethane	ND	0.50	"							
Tetrachloroethene	ND	1.0	"							
Dibromochloromethane	ND	0.50	"							
1,2-Dibromoethane	ND	1.0	"							
Chlorobenzene	ND	1.0	"							
Bromoform	ND	0.50	"							
1,2,3-Trichloropropane	ND	0.50	"							
1,1,2,2-Tetrachloroethane	ND	0.50	"							
1,3-Dichlorobenzene	ND	0.50	"							
1,4-Dichlorobenzene	ND	1.0	"							
1,2-Dichlorobenzene	ND	2.0	"							
Surrogate: Dibromodifluoromethane	*10.7*		"	*10.0*		*107*	*50-150*			
Surrogate: 1-Chloro-2-fluorobenzene	*8.50*		"	*10.0*		*85.0*	*50-150*			
Surrogate: 4-Bromofluorobenzene	*8.30*		"	*10.0*		*83.0*	*50-150*			

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Gettler Ryan, Inc. - Dublin 6747 Sierra Court Suite J Dublin CA, 94568	Project: Chevron Project Number: Chevron # 9-2029 Project Manager: Barbara Sieminski	**Reported:** 30-Oct-00 07:34

Volatile Organic Compounds by EPA Method 8010B - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J12014 - EPA 5030B [P/T]										
LCS (0J12014-BS1)				Prepared: 11-Oct-00 Analyzed: 12-Oct-00						
1,1-Dichloroethene	24.7	1.0	ug/l	20.0		124	65-135			
Trichloroethene	21.6	1.0	"	20.0		108	70-130			
Chlorobenzene	22.4	1.0	"	20.0		112	70-130			
Surrogate: Dibromodifluoromethane	*11.3*		"	*10.0*		*113*	*50-150*			
Surrogate: 1-Chloro-2-fluorobenzene	*9.90*		"	*10.0*		*99.0*	*50-150*			
Surrogate: 4-Bromofluorobenzene	*9.60*		"	*10.0*		*96.0*	*50-150*			
Matrix Spike (0J12014-MS1)		Source: W010197-15		Prepared: 11-Oct-00 Analyzed: 12-Oct-00						
1,1-Dichloroethene	22.1	1.0	ug/l	20.0	ND	111	60-140			
Trichloroethene	20.4	1.0	"	20.0	ND	102	60-140			
Chlorobenzene	21.5	1.0	"	20.0	ND	108	60-140			
Surrogate: Dibromodifluoromethane	*9.20*		"	*10.0*		*92.0*	*50-150*			
Surrogate: 1-Chloro-2-fluorobenzene	*8.30*		"	*10.0*		*83.0*	*50-150*			
Surrogate: 4-Bromofluorobenzene	*7.90*		"	*10.0*		*79.0*	*50-150*			
Matrix Spike Dup (0J12014-MSD1)		Source: W010197-15		Prepared: 11-Oct-00 Analyzed: 12-Oct-00						
1,1-Dichloroethene	25.8	1.0	ug/l	20.0	ND	129	60-140	15.4	25	
Trichloroethene	22.3	1.0	"	20.0	ND	111	60-140	8.90	25	
Chlorobenzene	24.1	1.0	"	20.0	ND	121	60-140	11.4	25	
Surrogate: Dibromodifluoromethane	*9.70*		"	*10.0*		*97.0*	*50-150*			
Surrogate: 1-Chloro-2-fluorobenzene	*9.10*		"	*10.0*		*91.0*	*50-150*			
Surrogate: 4-Bromofluorobenzene	*8.30*		"	*10.0*		*83.0*	*50-150*			
Batch 0J12015 - EPA 5030B [MeOH]										
Blank (0J12015-BLK1)				Prepared: 11-Oct-00 Analyzed: 12-Oct-00						
Chloromethane	ND	0.050	mg/kg							
Vinyl chloride	ND	0.050	"							
Bromomethane	ND	0.050	"							
Chloroethane	ND	0.050	"							
Trichlorofluoromethane	ND	0.025	"							
1,1-Dichloroethene	ND	0.025	"							
Methylene chloride	ND	0.25	"							
trans-1,2-Dichloroethene	ND	0.025	"							
1,1-Dichloroethane	ND	0.025	"							
cis-1,2-Dichloroethene	ND	0.025	"							

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Gettler Ryan, Inc. - Dublin 6747 Sierra Court Suite J Dublin CA, 94568	Project: Chevron Project Number: Chevron # 9-2029 Project Manager: Barbara Sieminski	**Reported:** 30-Oct-00 07:34

Volatile Organic Compounds by EPA Method 8010B - Quality Control
Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J12015 - EPA 5030B [MeOH]										
Blank (0J12015-BLK1)				Prepared: 11-Oct-00 Analyzed: 12-Oct-00						
Chloroform	ND	0.025	mg/kg							
1,1,1-Trichloroethane	ND	0.025	"							
Carbon tetrachloride	ND	0.025	"							
1,2-Dichloroethane	ND	0.025	"							
Trichloroethene	ND	0.025	"							
1,2-Dichloropropane	ND	0.025	"							
Bromodichloromethane	ND	0.025	"							
cis-1,3-Dichloropropene	ND	0.025	"							
trans-1,3-Dichloropropene	ND	0.025	"							
1,1,2-Trichloroethane	ND	0.025	"							
Tetrachloroethene	ND	0.025	"							
Dibromochloromethane	ND	0.025	"							
1,2-Dibromoethane	ND	0.025	"							
Chlorobenzene	ND	0.025	"							
Bromoform	ND	0.025	"							
1,1,2,2-Tetrachloroethane	ND	0.025	"							
1,3-Dichlorobenzene	ND	0.025	"							
1,4-Dichlorobenzene	ND	0.025	"							
1,2-Dichlorobenzene	ND	0.025	"							
Surrogate: Dibromodifluoromethane	*0.535*		"	*0.500*		*107*	*50-150*			
Surrogate: 1-Chloro-2-fluorobenzene	*0.425*		"	*0.500*		*85.0*	*50-150*			
Surrogate: 4-Bromofluorobenzene	*0.415*		"	*0.500*		*83.0*	*50-150*			
LCS (0J12015-BS1)				Prepared: 11-Oct-00 Analyzed: 12-Oct-00						
1,1-Dichloroethene	1.24	0.025	mg/kg	1.00		124	65-135			
Trichloroethene	1.08	0.025	"	1.00		108	70-130			
Chlorobenzene	1.12	0.025	"	1.00		112	70-130			
Surrogate: Dibromodifluoromethane	*0.565*		"	*0.500*		*113*	*50-150*			
Surrogate: 1-Chloro-2-fluorobenzene	*0.495*		"	*0.500*		*99.0*	*50-150*			
Surrogate: 4-Bromofluorobenzene	*0.480*		"	*0.500*		*96.0*	*50-150*			

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Volatile Organic Compounds by EPA Method 8010B - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J12015 - EPA 5030B [MeOH]										
Matrix Spike (0J12015-MS1)	**Source: W010197-06**			Prepared: 11-Oct-00 Analyzed: 12-Oct-00						
1,1-Dichloroethene	1.12	0.025	mg/kg	1.00	ND	112	60-140			
Trichloroethene	0.950	0.025	"	1.00	ND	95.0	60-140			
Chlorobenzene	1.01	0.025	"	1.00	ND	101	60-140			
Surrogate: Dibromodifluoromethane	*0.505*		"	*0.500*		*101*	*50-150*			
Surrogate: 1-Chloro-2-fluorobenzene	*0.460*		"	*0.500*		*92.0*	*50-150*			
Surrogate: 4-Bromofluorobenzene	*0.430*		"	*0.500*		*86.0*	*50-150*			
Matrix Spike Dup (0J12015-MSD1)	**Source: W010197-06**			Prepared: 11-Oct-00 Analyzed: 12-Oct-00						
1,1-Dichloroethene	1.29	0.025	mg/kg	1.00	ND	129	60-140	14.1	25	
Trichloroethene	1.08	0.025	"	1.00	ND	108	60-140	12.8	25	
Chlorobenzene	1.11	0.025	"	1.00	ND	111	60-140	9.43	25	
Surrogate: Dibromodifluoromethane	*0.490*		"	*0.500*		*98.0*	*50-150*			
Surrogate: 1-Chloro-2-fluorobenzene	*0.435*		"	*0.500*		*87.0*	*50-150*			
Surrogate: 4-Bromofluorobenzene	*0.395*		"	*0.500*		*79.0*	*50-150*			

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Semivolatile Organic Compounds by EPA Method 8270B - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J12017 - EPA 3510B										
Blank (0J12017-BLK1)				Prepared: 12-Oct-00 Analyzed: 17-Oct-00						
Acenaphthene	ND	5.0	ug/l							
Acenaphthylene	ND	5.0	"							
Aniline	ND	5.0	"							
Anthracene	ND	5.0	"							
Benzoic acid	ND	10	"							
Benzo (a) anthracene	ND	5.0	"							
Benzo (b) fluoranthene	ND	5.0	"							
Benzo (k) fluoranthene	ND	5.0	"							
Benzo (ghi) perylene	ND	5.0	"							
Benzo[a]pyrene	ND	5.0	"							
Benzyl alcohol	ND	5.0	"							
Bis(2-chloroethoxy)methane	ND	5.0	"							
Bis(2-chloroethyl)ether	ND	5.0	"							
Bis(2-chloroisopropyl)ether	ND	5.0	"							
Bis(2-ethylhexyl)phthalate	70.9	10	"							A-01
4-Bromophenyl phenyl ether	ND	5.0	"							
Butyl benzyl phthalate	ND	5.0	"							
4-Chloroaniline	ND	10	"							
2-Chloronaphthalene	ND	5.0	"							
4-Chloro-3-methylphenol	ND	5.0	"							
2-Chlorophenol	ND	5.0	"							
4-Chlorophenyl phenyl ether	ND	5.0	"							
Chrysene	ND	5.0	"							
Dibenz (a,h) anthracene	ND	5.0	"							
Dibenzofuran	ND	5.0	"							
Di-n-butyl phthalate	ND	10	"							
1,2-Dichlorobenzene	ND	5.0	"							
1,3-Dichlorobenzene	ND	5.0	"							
1,4-Dichlorobenzene	ND	5.0	"							
3,3'-Dichlorobenzidine	ND	10	"							
2,4-Dichlorophenol	ND	5.0	"							
Diethyl phthalate	ND	5.0	"							
2,4-Dimethylphenol	ND	5.0	"							
Dimethyl phthalate	ND	5.0	"							

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Semivolatile Organic Compounds by EPA Method 8270B - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J12017 - EPA 3510B										
Blank (0J12017-BLK1)				Prepared: 12-Oct-00 Analyzed: 17-Oct-00						
4,6-Dinitro-2-methylphenol	ND	10	ug/l							
2,4-Dinitrophenol	ND	10	"							
2,4-Dinitrotoluene	ND	5.0	"							
2,6-Dinitrotoluene	ND	5.0	"							
Di-n-octyl phthalate	ND	5.0	"							
Fluoranthene	ND	5.0	"							
Fluorene	ND	5.0	"							
Hexachlorobenzene	ND	5.0	"							
Hexachlorobutadiene	ND	5.0	"							
Hexachlorocyclopentadiene	ND	10	"							
Hexachloroethane	ND	5.0	"							
Indeno (1,2,3-cd) pyrene	ND	5.0	"							
Isophorone	ND	5.0	"							
2-Methylnaphthalene	ND	5.0	"							
2-Methylphenol	ND	5.0	"							
4-Methylphenol	ND	5.0	"							
Naphthalene	ND	5.0	"							
2-Nitroaniline	ND	10	"							
3-Nitroaniline	ND	10	"							
4-Nitroaniline	ND	10	"							
Nitrobenzene	ND	5.0	"							
2-Nitrophenol	ND	5.0	"							
4-Nitrophenol	ND	10	"							
N-Nitrosodimethylamine	ND	5.0	"							
N-Nitrosodiphenylamine	ND	5.0	"							
N-Nitrosodi-n-propylamine	ND	5.0	"							
Pentachlorophenol	ND	10	"							
Phenanthrene	ND	5.0	"							
Phenol	ND	5.0	"							
Pyrene	ND	5.0	"							
1,2,4-Trichlorobenzene	ND	5.0	"							
2,4,5-Trichlorophenol	ND	10	"							
2,4,6-Trichlorophenol	ND	5.0	"							
Surrogate: 2-Fluorophenol	*68.5*		"	*150*		*45.7*	*21-110*			

Sequoia Analytical

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Semivolatile Organic Compounds by EPA Method 8270B - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J12017 - EPA 3510B										
Blank (0J12017-BLK1)				Prepared: 12-Oct-00 Analyzed: 17-Oct-00						
Surrogate: Phenol-d6	*46.1*		*ug/l*	*150*		*30.7*	*10-110*			
Surrogate: Nitrobenzene-d5	*77.8*		*"*	*100*		*77.8*	*35-114*			
Surrogate: 2-Fluorobiphenyl	*76.3*		*"*	*100*		*76.3*	*43-116*			
Surrogate: 2,4,6-Tribromophenol	*118*		*"*	*150*		*78.7*	*10-123*			
Surrogate: p-Terphenyl-d14	*101*		*"*	*100*		*101*	*33-141*			
LCS (0J12017-BS1)				Prepared: 12-Oct-00 Analyzed: 17-Oct-00						
Acenaphthene	78.5	5.0	ug/l	100		78.5	46-118			
4-Chloro-3-methylphenol	117	5.0	"	150		78.0	23-97			
2-Chlorophenol	99.7	5.0	"	150		66.5	27-123			
1,4-Dichlorobenzene	62.3	5.0	"	100		62.3	36-97			
2,4-Dinitrotoluene	83.1	5.0	"	100		83.1	24-96			
4-Nitrophenol	37.9	10	"	150		25.3	10-80			
N-Nitrosodi-n-propylamine	82.0	5.0	"	100		82.0	41-116			
Pentachlorophenol	114	10	"	150		76.0	9-103			
Phenol	46.5	5.0	"	150		31.0	12-110			
Pyrene	70.4	5.0	"	100		70.4	26-127			
1,2,4-Trichlorobenzene	69.0	5.0	"	100		69.0	39-98			
Surrogate: 2-Fluorophenol	*75.4*		*"*	*150*		*50.3*	*21-110*			
Surrogate: Phenol-d6	*49.5*		*"*	*150*		*33.0*	*10-110*			
Surrogate: Nitrobenzene-d5	*80.2*		*"*	*100*		*80.2*	*35-114*			
Surrogate: 2-Fluorobiphenyl	*77.3*		*"*	*100*		*77.3*	*43-116*			
Surrogate: 2,4,6-Tribromophenol	*121*		*"*	*150*		*80.7*	*10-123*			
Surrogate: p-Terphenyl-d14	*75.7*		*"*	*100*		*75.7*	*33-141*			
LCS Dup (0J12017-BSD1)				Prepared: 12-Oct-00 Analyzed: 17-Oct-00						
Acenaphthene	82.5	5.0	ug/l	100		82.5	46-118	4.97	30	
4-Chloro-3-methylphenol	118	5.0	"	150		78.7	23-97	0.851	30	
2-Chlorophenol	101	5.0	"	150		67.3	27-123	1.30	30	
1,4-Dichlorobenzene	64.4	5.0	"	100		64.4	36-97	3.31	30	
2,4-Dinitrotoluene	83.8	5.0	"	100		83.8	24-96	0.839	30	
4-Nitrophenol	41.0	10	"	150		27.3	10-80	7.86	30	
N-Nitrosodi-n-propylamine	83.6	5.0	"	100		83.6	41-116	1.93	30	
Pentachlorophenol	120	10	"	150		80.0	9-103	5.13	30	
Phenol	47.2	5.0	"	150		31.5	12-110	1.49	30	
Pyrene	77.1	5.0	"	100		77.1	26-127	9.08	30	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Semivolatile Organic Compounds by EPA Method 8270B - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J12017 - EPA 3510B										
LCS Dup (0J12017-BSD1)				Prepared: 12-Oct-00 Analyzed: 17-Oct-00						
1,2,4-Trichlorobenzene	72.8	5.0	ug/l	100		72.8	39-98	5.36	30	
Surrogate: 2-Fluorophenol	*75.7*		"	*150*		*50.5*	*21-110*			
Surrogate: Phenol-d6	*49.1*		"	*150*		*32.7*	*10-110*			
Surrogate: Nitrobenzene-d5	*83.0*		"	*100*		*83.0*	*35-114*			
Surrogate: 2-Fluorobiphenyl	*83.8*		"	*100*		*83.8*	*43-116*			
Surrogate: 2,4,6-Tribromophenol	*125*		"	*150*		*83.3*	*10-123*			
Surrogate: p-Terphenyl-d14	*82.5*		"	*100*		*82.5*	*33-141*			
Batch 0J13014 - EPA 3550A										
Blank (0J13014-BLK1)				Prepared: 13-Oct-00 Analyzed: 24-Oct-00						
Acenaphthene	ND	0.10	mg/kg							
Acenaphthylene	ND	0.10	"							
Anthracene	ND	0.10	"							
Aniline	ND	0.10	"							
Benzoic acid	ND	0.50	"							
Benzo (a) anthracene	ND	0.10	"							
Benzo (b) fluoranthene	ND	0.10	"							
Benzo (k) fluoranthene	ND	0.10	"							
Benzo (ghi) perylene	ND	0.10	"							
Benzo[a]pyrene	ND	0.10	"							
Benzyl alcohol	ND	0.10	"							
Bis(2-chloroethoxy)methane	ND	0.10	"							
Bis(2-chloroethyl)ether	ND	0.10	"							
Bis(2-chloroisopropyl)ether	ND	0.10	"							
Bis(2-ethylhexyl)phthalate	ND	0.50	"							
4-Bromophenyl phenyl ether	ND	0.10	"							
Butyl benzyl phthalate	ND	0.10	"							
4-Chloroaniline	ND	0.50	"							
2-Chloronaphthalene	ND	0.10	"							
4-Chloro-3-methylphenol	ND	0.10	"							
2-Chlorophenol	ND	0.10	"							
4-Chlorophenyl phenyl ether	ND	0.10	"							
Chrysene	ND	0.10	"							
Dibenz (a,h) anthracene	ND	0.10	"							

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Semivolatile Organic Compounds by EPA Method 8270B - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J13014 - EPA 3550A										
Blank (0J13014-BLK1)			Prepared: 13-Oct-00 Analyzed: 24-Oct-00							
Dibenzofuran	ND	0.10	mg/kg							
Di-n-butyl phthalate	ND	0.50	"							
1,2-Dichlorobenzene	ND	0.10	"							
1,3-Dichlorobenzene	ND	0.10	"							
1,4-Dichlorobenzene	ND	0.10	"							
3,3'-Dichlorobenzidine	ND	0.50	"							
2,4-Dichlorophenol	ND	0.10	"							
Diethyl phthalate	ND	0.10	"							
2,4-Dimethylphenol	ND	0.10	"							
Dimethyl phthalate	ND	0.10	"							
4,6-Dinitro-2-methylphenol	ND	0.50	"							
2,4-Dinitrophenol	ND	0.50	"							
2,4-Dinitrotoluene	ND	0.10	"							
2,6-Dinitrotoluene	ND	0.10	"							
Di-n-octyl phthalate	ND	0.10	"							
Fluoranthene	ND	0.10	"							
Fluorene	ND	0.10	"							
Hexachlorobenzene	ND	0.10	"							
Hexachlorobutadiene	ND	0.10	"							
Hexachlorocyclopentadiene	ND	0.10	"							
Hexachloroethane	ND	0.10	"							
Indeno (1,2,3-cd) pyrene	ND	0.10	"							
Isophorone	ND	0.10	"							
2-Methylnaphthalene	ND	0.10	"							
2-Methylphenol	ND	0.10	"							
4-Methylphenol	ND	0.10	"							
Naphthalene	ND	0.10	"							
2-Nitroaniline	ND	0.50	"							
3-Nitroaniline	ND	0.50	"							
4-Nitroaniline	ND	0.50	"							
Nitrobenzene	ND	0.10	"							
2-Nitrophenol	ND	0.10	"							
N-Nitrosodimethylamine	ND	0.10	"							
4-Nitrophenol	ND	0.50	"							

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6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Semivolatile Organic Compounds by EPA Method 8270B - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J13014 - EPA 3550A										
Blank (0J13014-BLK1)				Prepared: 13-Oct-00 Analyzed: 24-Oct-00						
N-Nitrosodiphenylamine	ND	0.10	mg/kg							
N-Nitrosodi-n-propylamine	ND	0.10	"							
Pentachlorophenol	ND	0.50	"							
Phenanthrene	ND	0.10	"							
Phenol	ND	0.10	"							
Pyrene	ND	0.10	"							
1,2,4-Trichlorobenzene	ND	0.10	"							
2,4,5-Trichlorophenol	ND	0.50	"							
2,4,6-Trichlorophenol	ND	0.10	"							
Surrogate: 2-Fluorophenol	*3.72*		"	*5.00*		*74.4*	*25-121*			
Surrogate: Phenol-d6	*3.78*		"	*5.00*		*75.6*	*24-113*			
Surrogate: Nitrobenzene-d5	*2.80*		"	*3.33*		*84.1*	*23-120*			
Surrogate: 2-Fluorobiphenyl	*2.97*		"	*3.33*		*89.2*	*30-115*			
Surrogate: 2,4,6-Tribromophenol	*4.62*		"	*5.00*		*92.4*	*19-122*			
Surrogate: p-Terphenyl-d14	*3.13*		"	*3.33*		*94.0*	*18-137*			
LCS (0J13014-BS1)				Prepared: 13-Oct-00 Analyzed: 24-Oct-00						
Acenaphthene	2.86	0.10	mg/kg	3.33		85.9	31-137			
4-Chloro-3-methylphenol	4.17	0.10	"	5.00		83.4	26-103			
2-Chlorophenol	3.55	0.10	"	5.00		71.0	25-102			
1,4-Dichlorobenzene	2.62	0.10	"	3.33		78.7	28-104			
2,4-Dinitrotoluene	2.83	0.10	"	3.33		85.0	28-89			
4-Nitrophenol	4.02	0.50	"	5.00		80.4	11-114			
N-Nitrosodi-n-propylamine	3.09	0.10	"	3.33		92.8	41-126			
Pentachlorophenol	4.65	0.50	"	5.00		93.0	17-109			
Phenol	3.18	0.10	"	5.00		63.6	26-90			
Pyrene	2.73	0.10	"	3.33		82.0	35-142			
1,2,4-Trichlorobenzene	2.78	0.10	"	3.33		83.5	38-107			
Surrogate: 2-Fluorophenol	*4.06*		"	*5.00*		*81.2*	*25-121*			
Surrogate: Phenol-d6	*3.80*		"	*5.00*		*76.0*	*24-113*			
Surrogate: Nitrobenzene-d5	*3.04*		"	*3.33*		*91.3*	*23-120*			
Surrogate: 2-Fluorobiphenyl	*3.10*		"	*3.33*		*93.1*	*30-115*			
Surrogate: 2,4,6-Tribromophenol	*5.24*		"	*5.00*		*105*	*19-122*			
Surrogate: p-Terphenyl-d14	*2.97*		"	*3.33*		*89.2*	*18-137*			

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Semivolatile Organic Compounds by EPA Method 8270B - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J13014 - EPA 3550A										
LCS Dup (0J13014-BSD1)				Prepared: 13-Oct-00 Analyzed: 24-Oct-00						
Acenaphthene	2.91	0.10	mg/kg	3.33		87.4	31-137	1.73	40	
4-Chloro-3-methylphenol	4.33	0.10	"	5.00		86.6	26-103	3.76	40	
2-Chlorophenol	3.59	0.10	"	5.00		71.8	25-102	1.12	40	
1,4-Dichlorobenzene	2.66	0.10	"	3.33		79.9	28-104	1.52	40	
2,4-Dinitrotoluene	2.91	0.10	"	3.33		87.4	28-89	2.79	40	
4-Nitrophenol	4.15	0.50	"	5.00		83.0	11-114	3.18	40	
N-Nitrosodi-n-propylamine	3.05	0.10	"	3.33		91.6	41-126	1.30	40	
Pentachlorophenol	4.90	0.50	"	5.00		98.0	17-109	5.24	40	
Phenol	3.23	0.10	"	5.00		64.6	26-90	1.56	40	
Pyrene	2.87	0.10	"	3.33		86.2	35-142	5.00	40	
1,2,4-Trichlorobenzene	2.87	0.10	"	3.33		86.2	38-107	3.19	40	
Surrogate: 2-Fluorophenol	*3.98*		"	*5.00*		*79.6*	*25-121*			
Surrogate: Phenol-d6	*3.70*		"	*5.00*		*74.0*	*24-113*			
Surrogate: Nitrobenzene-d5	*3.03*		"	*3.33*		*91.0*	*23-120*			
Surrogate: 2-Fluorobiphenyl	*3.04*		"	*3.33*		*91.3*	*30-115*			
Surrogate: 2,4,6-Tribromophenol	*5.00*		"	*5.00*		*100*	*19-122*			
Surrogate: p-Terphenyl-d14	*2.99*		"	*3.33*		*89.8*	*18-137*			

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J17006 - EPA 3510B										
Blank (0J17006-BLK1)				Prepared: 17-Oct-00 Analyzed: 18-Oct-00						
TRPH	ND	5.0	mg/l							
LCS (0J17006-BS1)				Prepared: 17-Oct-00 Analyzed: 18-Oct-00						
TRPH	85.4	5.0	mg/l	100		85.4	70-130			
LCS Dup (0J17006-BSD1)				Prepared: 17-Oct-00 Analyzed: 18-Oct-00						
TRPH	89.8	5.0	mg/l	100		89.8	70-130	5.02	30	
Batch 0J18014 - EPA 3550A										
Blank (0J18014-BLK1)				Prepared: 18-Oct-00 Analyzed: 19-Oct-00						
TRPH	ND	50	mg/kg							
LCS (0J18014-BS1)				Prepared: 18-Oct-00 Analyzed: 19-Oct-00						
TRPH	4770	50	mg/kg	5000		95.4	70-130			
LCS Dup (0J18014-BSD1)				Prepared: 18-Oct-00 Analyzed: 19-Oct-00						
TRPH	4740	50	mg/kg	5000		94.8	70-130	0.631	30	
Matrix Spike (0J18014-MS1)		Source: W010305-04		Prepared: 18-Oct-00 Analyzed: 19-Oct-00						
TRPH	5680	50	mg/kg	5000	ND	114	60-140			
Matrix Spike Dup (0J18014-MSD1)		Source: W010305-04		Prepared: 18-Oct-00 Analyzed: 19-Oct-00						
TRPH	5740	50	mg/kg	5000	ND	115	60-140	1.05	30	

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6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:34

Notes and Definitions

A-01	Contaminated during extraction.
A-01a	Due to coelution of the Internal Standard, the reported BTEX values were calculated using a One Point Calibration of the Continuing Calibration Standard.
A-03	This sample was originally analyzed within holding time. Re-analysis for confirmation or dilution was performed past the recommended holding time.
CC-3	Continuing Calibration indicates that the quantitative result for this analyte includes a greater than 15% degree of uncertainty. The value as reported is within method acceptance.
D-08	Low surrogate recovery was confirmed by re-analysis. There was not enough sample available for re-extraction; the results as reported should be considered estimated values.
D-12	Chromatogram Pattern: Unidentified Hydrocarbons > C16
P-01	Chromatogram Pattern: Gasoline C6-C12
Q-01	The spike recovery for this QC sample is outside of established control limits. Review of associated batch QC indicates the recovery for this analyte does not represent an out-of-control condition for the batch.
S-01	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.
S-03	The surrogate recovery for this sample is outside of established control limits. Review of associated QC indicates the recovery for this surrogate does not represent an out-of-control condition.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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

Chain-of-Custody-Record

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

Chevron Facility Number: 9-2029
Facility Address: 890 W. MacArthur Blvd, Oakland
Consultant Project Number: 346503.01
Consultant Name: Gettler-Ryan Inc
Address: 6747 Sierra Ct, Ste G, Dublin, CA 94568
Project Contact (Name): Barbara Sieminski
(Phone) (925) 551-7555 (Fax Number) (925) 551-7888

Chevron Contact (Name): Tom Bauhs
(Phone): (925) 842-8898
Laboratory Name: Sequoia ELAP #1210197
Laboratory Release Number:
Samples Collected by (Name): Barbara Sieminski
Collection Date: 10/05/00
Signature: B Sieminski

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)	Analyses To Be Performed: BTEX + TPH GAS (8020 + 8015) MTBE	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 (TCLP or AA)	Total Lead					Remarks
B6-6	01A	1	S	D	10:30		Yes	X								X					
B6-11	02A	1			10:50			X								X					
B6-16		1			11:05																hold
B6-18.5		1			11:20																hold
B5-6	03A	1			13:20			X								X					
B5-11	04A	1			13:30			X								X					
B5-16.5		1			13:40																hold

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Barbara Sieminski	G-R	10/09/00 1645			
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
			[illegible]		10/9/00 16:45

Turn Around Time (Circle Choice)
24 Hrs.
48 Hrs.
5 Days (3 days)
10 Days
As Contracted

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

Chain-of-Custody-Record

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

Chevron Facility Number: 9-2029
Facility Address: 890 W. MacArthur Blvd, Oakland
Consultant Project Number: 346503.01
Consultant Name: Gettler-Ryan Inc
Address: 6747 Sierra Ct, Ste G, Dublin, CA 94568
Project Contact (Name): Barbara Sieminski
(Phone): (925) 551-7555 (Fax Number): (925) 551-7888

Chevron Contact (Name): Thomas Bauhs
(Phone): (925) 842-8898
Laboratory Name: Sequoia W010197
Laboratory Release Number:
Samples Collected by (Name): Barbara Sieminski
Collection Date: 10/09/00
Signature: [signature]

Analyses To Be Performed

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	BTEX + TPH GAS (8020 + 8015) / BTEX	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)	Total Lead					Remarks
B4-6	05A	1	S	D	9:15		Yes	X	X	X	X			X	X						
B4-11	06A	1	↓	↓	9:20		↓	X	X	X	X			X	X						hold
B4-16		1			9:25											X					
B7-6	07A	1			10:05			X								X					
B7-11	08A	1			10:10			X													hold
B7-16		1			10:15											X					
B3-6	09A	1			10:40			X								X					
B3-11	10A	1			10:45			X													hold
B3-16		1			10:50											X					
B9-6	11A	1			11:30			X								X					
B9-11	12A	1			11:35			X													hold
B9-16		1	↓	↓	11:40		↓														

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Barbara Sieminski [signature]	G-R	10/09/00 1645			
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature): [signature] RC		10/9/00 16:45

Turn Around Time (Circle Choice)
24 Hrs.
48 Hrs.
5 Days
10 Days
As Contracted
(circled) 3 days

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

Chain-of-Custody-Record

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

Chevron Facility Number 9-2029
Facility Address 890 W. MacArthur Blvd, Oakland
Consultant Project Number 346503.01
Consultant Name Gettler-Ryan Inc.
Address 6747 Sierra Ct, Ste G, Dublin, CA 94568
Project Contact (Name) Barbara Sieminski
(Phone) (925) 551-7555 (Fax Number) (925) 551-7888

Chevron Contact (Name) Thomas Baehs
(Phone) (925) 842-8898
Laboratory Name Sequoia WO10197
Laboratory Release Number
Samples Collected by (Name) Barbara Sieminski
Collection Date 10/09/00
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)	Analyses To Be Performed: BTEX + TPH GAS (8020 + 8015) MTBE	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)	5 Oxygenates, ethanol, methanol, 1,2-DCA, EDB					Remarks
B10-W	13A-D	4 VOA	W	G	8:30	HCl	Yes	X								X					
B7-W	19A-D	4 VOA	W	G	11:15	HCl	Yes	X								X					
B4-W	15A-M	4 VOA	W	G	12:30	HCl	Yes	X								X					
B4-W		3 VOA	W	G	12:30	None	Yes				X										
B4-W		3 1L Amb	W	G	12:35	None	Yes		X					X							
B4-W		2 1L Amb	W	G	12:40	H_2SO_4	Yes			X											
B4-W		1 plastic	W	G	12:40	HNO_3	Yes								X						
B3-W	16A-D	4 VOA	W	G	14:30	HCl	Yes	X								X					

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Barbara Sieminski	G-R	10/09/00 1645			
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
			WC		10/9/00 16:45

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

Sequoia Analytical

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1 November, 2000

Barbara Sieminski
Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin, CA 94568

RE: Chevron
Sequoia Report: W010170 RECREATE

Enclosed are the results of analyses for samples received by the laboratory on 06-Oct-00 18:35. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Charlie Westwater
Project Manager

CA ELAP Certificate #1271

Sequoia Analytical

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:24

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B5-W	W010170-01	Water	06-Oct-00 07:30	06-Oct-00 18:35
B6-W	W010170-02	Water	06-Oct-00 12:00	06-Oct-00 18:35
B8-W	W010170-03	Water	06-Oct-00 13:35	06-Oct-00 18:35
B2-W	W010170-04	Water	06-Oct-00 15:20	06-Oct-00 18:35
B1-W	W010170-05	Water	06-Oct-00 16:50	06-Oct-00 18:35

Charlie Westwater, Project Manager

Sequoia Analytical

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:24

Hydrocarbons as Hydraulic Fluid by DHS LUFT

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B2-W (W010170-04) Water Sampled: 06-Oct-00 15:20 Received: 06-Oct-00 18:35									
Hydraulic Fluid	ND	250	ug/l	1	0J13012	13-Oct-00	15-Oct-00	EPA 8015M	
Surrogate: n-Pentacosane		*208 %*	*50-150*		"	"	"	"	*S-04*

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:24

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

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B5-W (W010170-01) Water Sampled: 06-Oct-00 07:30 Received: 06-Oct-00 18:35									
Purgeable Hydrocarbons	ND	50	ug/l	1	0J19003	19-Oct-00	19-Oct-00	EPA 8015M/8020	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**460**	2.5	"	"	"	"	"	"	CC-3
Surrogate: a,a,a-Trifluorotoluene		*95.0 %*	*70-130*		"	"	"	"	
B6-W (W010170-02) Water Sampled: 06-Oct-00 12:00 Received: 06-Oct-00 18:35									
Purgeable Hydrocarbons	ND	50	ug/l	1	0J19003	19-Oct-00	19-Oct-00	EPA 8015M/8020	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**32**	2.5	"	"	"	"	"	"	CC-3
Surrogate: a,a,a-Trifluorotoluene		*94.3 %*	*70-130*		"	"	"	"	
B8-W (W010170-03) Water Sampled: 06-Oct-00 13:35 Received: 06-Oct-00 18:35									
Purgeable Hydrocarbons	ND	50	ug/l	1	0J19002	19-Oct-00	19-Oct-00	EPA 8015M/8020	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**440**	2.5	"	"	"	"	"	"	CC-3
Surrogate: a,a,a-Trifluorotoluene		*97.7 %*	*70-130*		"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:24

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

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B2-W (W010170-04) Water Sampled: 06-Oct-00 15:20 Received: 06-Oct-00 18:35									
Purgeable Hydrocarbons	ND	50	ug/l	1	0J18003	18-Oct-00	18-Oct-00	EPA 8015M/8020	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**500**	2.5	"	"	"	"	"	"	CC-3
Surrogate: a,a,a-Trifluorotoluene		*97.7 %*		*70-130*	"	"	"	"	
B1-W (W010170-05) Water Sampled: 06-Oct-00 16:50 Received: 06-Oct-00 18:35									**A-01,P-01**
Purgeable Hydrocarbons	**3600**	250	ug/l	5	0J18003	18-Oct-00	18-Oct-00	EPA 8015M/8020	
Benzene	**110**	2.5	"	"	"	"	"	"	
Toluene	**3.5**	2.5	"	"	"	"	"	"	
Ethylbenzene	**770**	2.5	"	"	"	"	"	"	
Xylenes (total)	**150**	2.5	"	"	"	"	"	"	
Methyl tert-butyl ether	**700**	13	"	"	"	"	"	"	CC-3
Surrogate: a,a,a-Trifluorotoluene		*96.3 %*		*70-130*	"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:24

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B5-W (W010170-01) Water Sampled: 06-Oct-00 07:30 Received: 06-Oct-00 18:35									
Ethanol	ND	2500	ug/l	5	0J13023	13-Oct-00	14-Oct-00	EPA 8260B	
tert-Butyl alcohol	ND	250	"	"	"	"	"	"	
Methyl tert-butyl ether	**590**	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	10	"	"	"	"	"	"	
Ethylene dibromide	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*100 %*	*50-150*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*154 %*	*50-150*		"	"	"	"	*Q-01*
B6-W (W010170-02) Water Sampled: 06-Oct-00 12:00 Received: 06-Oct-00 18:35									
Ethanol	ND	500	ug/l	1	0J13023	13-Oct-00	14-Oct-00	EPA 8260B	
tert-Butyl alcohol	ND	50	"	"	"	"	"	"	
Methyl tert-butyl ether	**34**	2.0	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
Ethylene dibromide	ND	2.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*100 %*	*50-150*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*156 %*	*50-150*		"	"	"	"	*Q-01*
B8-W (W010170-03) Water Sampled: 06-Oct-00 13:35 Received: 06-Oct-00 18:35									
Ethanol	ND	2500	ug/l	5	0J13023	13-Oct-00	14-Oct-00	EPA 8260B	
tert-Butyl alcohol	ND	250	"	"	"	"	"	"	
Methyl tert-butyl ether	**650**	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	10	"	"	"	"	"	"	
Ethylene dibromide	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*92.0 %*	*50-150*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*122 %*	*50-150*		"	"	"	"	

Sequoia Analytical

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:24

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B2-W (W010170-04) Water Sampled: 06-Oct-00 15:20 Received: 06-Oct-00 18:35									
Ethanol	ND	500	ug/l	1	0J13023	13-Oct-00	14-Oct-00	EPA 8260B	
tert-Butyl alcohol	ND	50	"	"	"	"	"	"	
Methyl tert-butyl ether	**320**	10	"	5	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	1	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
tert-Amyl methyl ether	**8.9**	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
Ethylene dibromide	ND	2.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*	*50-150*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*170 %*	*50-150*		"	"	"	"	*Q-01*
B1-W (W010170-05) Water Sampled: 06-Oct-00 16:50 Received: 06-Oct-00 18:35									
Ethanol	ND	2500	ug/l	5	0J13023	13-Oct-00	14-Oct-00	EPA 8260B	
tert-Butyl alcohol	ND	250	"	"	"	"	"	"	
Methyl tert-butyl ether	**820**	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	10	"	"	"	"	"	"	
Ethylene dibromide	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*94.0 %*	*50-150*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*120 %*	*50-150*		"	"	"	"	

Sequoia Analytical

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:24

Industrial Solvents by EPA Method 8015 (modified)

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B5-W (W010170-01) Water	**Sampled: 06-Oct-00 07:30**	**Received: 06-Oct-00 18:35**							
Methanol	ND	1.00	mg/l	1	0J12008	13-Oct-00	13-Oct-00	EPA 8015M	
Surrogate: 1-pentanol		*116 %*	*55-157*		"	"	"	"	
Surrogate: 1-pentanol (dbwax)		*95.6 %*	*57-170*		"	"	"	"	
B6-W (W010170-02) Water	**Sampled: 06-Oct-00 12:00**	**Received: 06-Oct-00 18:35**							
Methanol	ND	1.00	mg/l	1	0J12008	13-Oct-00	13-Oct-00	EPA 8015M	
Surrogate: 1-pentanol		*114 %*	*55-157*		"	"	"	"	
Surrogate: 1-pentanol (dbwax)		*99.6 %*	*57-170*		"	"	"	"	
B8-W (W010170-03) Water	**Sampled: 06-Oct-00 13:35**	**Received: 06-Oct-00 18:35**							
Methanol	ND	1.00	mg/l	1	0J12008	13-Oct-00	13-Oct-00	EPA 8015M	
Surrogate: 1-pentanol		*125 %*	*55-157*		"	"	"	"	
Surrogate: 1-pentanol (dbwax)		*100 %*	*57-170*		"	"	"	"	
B2-W (W010170-04) Water	**Sampled: 06-Oct-00 15:20**	**Received: 06-Oct-00 18:35**							
Methanol	ND	1.00	mg/l	1	0J12008	13-Oct-00	13-Oct-00	EPA 8015M	
Surrogate: 1-pentanol		*117 %*	*55-157*		"	"	"	"	
Surrogate: 1-pentanol (dbwax)		*95.8 %*	*57-170*		"	"	"	"	
B1-W (W010170-05) Water	**Sampled: 06-Oct-00 16:50**	**Received: 06-Oct-00 18:35**							
Methanol	ND	1.00	mg/l	1	0J12008	13-Oct-00	13-Oct-00	EPA 8015M	
Surrogate: 1-pentanol		*117 %*	*55-157*		"	"	"	"	
Surrogate: 1-pentanol (dbwax)		*128 %*	*57-170*		"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:24

Hydrocarbons as Hydraulic Fluid 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 0J13012 - EPA 3510B										
Blank (0J13012-BLK1)				Prepared: 13-Oct-00 Analyzed: 27-Oct-00						
Diesel Range Hydrocarbons	ND	50	ug/l							
Hydraulic Fluid	ND	250	"							
Surrogate: n-Pentacosane	*22.3*		"	*33.3*		*67.0*	*50-150*			
LCS (0J13012-BS1)				Prepared: 13-Oct-00 Analyzed: 18-Oct-00						
Diesel Range Hydrocarbons	404	50	ug/l	500		80.8	60-140			
Surrogate: n-Pentacosane	*37.3*		"	*33.3*		*112*	*50-150*			
LCS Dup (0J13012-BSD1)				Prepared: 13-Oct-00 Analyzed: 27-Oct-00						
Diesel Range Hydrocarbons	331	50	ug/l	500		66.2	60-140	19.9	50	
Surrogate: n-Pentacosane	*46.0*		"	*33.3*		*138*	*50-150*			

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:24

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE 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 0J18003 - EPA 5030B [P/T]										
Blank (0J18003-BLK1)				Prepared & Analyzed: 18-Oct-00						
Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	*30.2*		"	*30.0*		*101*	*70-130*			
LCS (0J18003-BS1)				Prepared & Analyzed: 18-Oct-00						
Benzene	18.3	0.50	ug/l	20.0		91.5	70-130			
Toluene	18.7	0.50	"	20.0		93.5	70-130			
Ethylbenzene	19.0	0.50	"	20.0		95.0	70-130			
Xylenes (total)	54.8	0.50	"	60.0		91.3	70-130			
Surrogate: a,a,a-Trifluorotoluene	*27.3*		"	*30.0*		*91.0*	*70-130*			
Matrix Spike (0J18003-MS1)	**Source: W010128-02**			Prepared & Analyzed: 18-Oct-00						
Benzene	18.7	0.50	ug/l	20.0	ND	93.5	70-130			
Toluene	19.0	0.50	"	20.0	ND	95.0	70-130			
Ethylbenzene	19.4	0.50	"	20.0	ND	97.0	70-130			
Xylenes (total)	56.1	0.50	"	60.0	ND	93.5	70-130			
Surrogate: a,a,a-Trifluorotoluene	*27.3*		"	*30.0*		*91.0*	*70-130*			
Matrix Spike Dup (0J18003-MSD1)	**Source: W010128-02**			Prepared & Analyzed: 18-Oct-00						
Benzene	19.4	0.50	ug/l	20.0	ND	97.0	70-130	3.67	20	
Toluene	19.9	0.50	"	20.0	ND	99.5	70-130	4.63	20	
Ethylbenzene	19.8	0.50	"	20.0	ND	99.0	70-130	2.04	20	
Xylenes (total)	56.0	0.50	"	60.0	ND	93.3	70-130	0.178	20	
Surrogate: a,a,a-Trifluorotoluene	*28.0*		"	*30.0*		*93.3*	*70-130*			

Sequoia Analytical

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:24

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE 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 0J19002 - EPA 5030B [P/T]										
Blank (0J19002-BLK1)				Prepared & Analyzed: 19-Oct-00						
Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	*29.7*		"	*30.0*		*99.0*	*70-130*			
LCS (0J19002-BS1)				Prepared & Analyzed: 19-Oct-00						
Benzene	19.1	0.50	ug/l	20.0		95.5	70-130			
Toluene	19.7	0.50	"	20.0		98.5	70-130			
Ethylbenzene	20.6	0.50	"	20.0		103	70-130			
Xylenes (total)	61.3	0.50	"	60.0		102	70-130			
Surrogate: a,a,a-Trifluorotoluene	*29.1*		"	*30.0*		*97.0*	*70-130*			
Matrix Spike (0J19002-MS1)	**Source: W010244-02**			Prepared & Analyzed: 19-Oct-00						
Benzene	19.7	0.50	ug/l	20.0	ND	98.5	70-130			
Toluene	20.3	0.50	"	20.0	ND	101	70-130			
Ethylbenzene	20.9	0.50	"	20.0	ND	104	70-130			
Xylenes (total)	62.5	0.50	"	60.0	ND	104	70-130			
Surrogate: a,a,a-Trifluorotoluene	*29.7*		"	*30.0*		*99.0*	*70-130*			
Matrix Spike Dup (0J19002-MSD1)	**Source: W010244-02**			Prepared & Analyzed: 19-Oct-00						
Benzene	19.0	0.50	ug/l	20.0	ND	95.0	70-130	3.62	20	
Toluene	19.8	0.50	"	20.0	ND	99.0	70-130	2.49	20	
Ethylbenzene	20.1	0.50	"	20.0	ND	101	70-130	3.90	20	
Xylenes (total)	61.4	0.50	"	60.0	ND	102	70-130	1.78	20	
Surrogate: a,a,a-Trifluorotoluene	*30.0*		"	*30.0*		*100*	*70-130*			

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:24

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE 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 0J19003 - EPA 5030B [P/T]										
Blank (0J19003-BLK1)				Prepared & Analyzed: 19-Oct-00						
Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: α,α,α-Trifluorotoluene	*32.0*		"	*30.0*		*107*	*70-130*			
LCS (0J19003-BS1)				Prepared & Analyzed: 19-Oct-00						
Benzene	19.3	0.50	ug/l	20.0		96.5	70-130			
Toluene	19.7	0.50	"	20.0		98.5	70-130			
Ethylbenzene	20.0	0.50	"	20.0		100	70-130			
Xylenes (total)	58.1	0.50	"	60.0		96.8	70-130			
Surrogate: α,α,α-Trifluorotoluene	*27.8*		"	*30.0*		*92.7*	*70-130*			
Matrix Spike (0J19003-MS1)		Source: W010300-01		Prepared & Analyzed: 19-Oct-00						
Benzene	19.0	0.50	ug/l	20.0	ND	95.0	70-130			
Toluene	19.4	0.50	"	20.0	ND	97.0	70-130			
Ethylbenzene	19.7	0.50	"	20.0	ND	98.5	70-130			
Xylenes (total)	57.2	0.50	"	60.0	ND	95.3	70-130			
Surrogate: α,α,α-Trifluorotoluene	*27.1*		"	*30.0*		*90.3*	*70-130*			
Matrix Spike Dup (0J19003-MSD1)		Source: W010300-01		Prepared & Analyzed: 19-Oct-00						
Benzene	19.4	0.50	ug/l	20.0	ND	97.0	70-130	2.08	20	
Toluene	19.8	0.50	"	20.0	ND	99.0	70-130	2.04	20	
Ethylbenzene	20.1	0.50	"	20.0	ND	101	70-130	2.01	20	
Xylenes (total)	57.6	0.50	"	60.0	ND	96.0	70-130	0.697	20	
Surrogate: α,α,α-Trifluorotoluene	*28.3*		"	*30.0*		*94.3*	*70-130*			

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:24

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J13023 - EPA 5030B [P/T]										
Blank (0J13023-BLK1)				Prepared: 13-Oct-00 Analyzed: 14-Oct-00						
Ethanol	ND	500	ug/l							
tert-Butyl alcohol	ND	50	"							
Methyl tert-butyl ether	ND	2.0	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
tert-Amyl methyl ether	ND	2.0	"							
1,2-Dichloroethane	ND	2.0	"							
Ethylene dibromide	ND	2.0	"							
Surrogate: Dibromofluoromethane	*50.0*		"	*50.0*		*100*	*50-150*			
Surrogate: 1,2-Dichloroethane-d4	*86.0*		"	*50.0*		*172*	*50-150*			*Q-01*
LCS (0J13023-BS1)				Prepared & Analyzed: 13-Oct-00						
Methyl tert-butyl ether	53.0	2.0	ug/l	50.0		106	70-130			
Surrogate: Dibromofluoromethane	*43.0*		"	*50.0*		*86.0*	*50-150*			
Surrogate: 1,2-Dichloroethane-d4	*57.0*		"	*50.0*		*114*	*50-150*			
LCS (0J13023-BS2)				Prepared & Analyzed: 14-Oct-00						
Methyl tert-butyl ether	60.6	2.0	ug/l	50.0		121	70-130			
Surrogate: Dibromofluoromethane	*45.0*		"	*50.0*		*90.0*	*50-150*			
Surrogate: 1,2-Dichloroethane-d4	*60.0*		"	*50.0*		*120*	*50-150*			
Matrix Spike (0J13023-MS1)	Source: W010090-05			Prepared & Analyzed: 13-Oct-00						
Methyl tert-butyl ether	61.2	2.0	ug/l	50.0	7.2	108	60-150			
Surrogate: Dibromofluoromethane	*42.0*		"	*50.0*		*84.0*	*50-150*			
Surrogate: 1,2-Dichloroethane-d4	*54.0*		"	*50.0*		*108*	*50-150*			
Matrix Spike Dup (0J13023-MSD1)	Source: W010090-05			Prepared & Analyzed: 13-Oct-00						
Methyl tert-butyl ether	64.5	2.0	ug/l	50.0	7.2	115	60-150	5.25	25	
Surrogate: Dibromofluoromethane	*45.0*		"	*50.0*		*90.0*	*50-150*			
Surrogate: 1,2-Dichloroethane-d4	*55.0*		"	*50.0*		*110*	*50-150*			

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:24

Industrial Solvents by EPA Method 8015 (modified) - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J12008 - EPA 3810 Headspace										
Blank (0J12008-BLK2)				Prepared & Analyzed: 13-Oct-00						
Methanol	ND	1.00	mg/l							
Surrogate: 1-pentanol	*5.44*		"	*5.00*		*109*	*55-157*			
Surrogate: 1-pentanol (dbwax)	*4.27*		"	*5.00*		*85.4*	*57-170*			
LCS (0J12008-BS2)				Prepared & Analyzed: 13-Oct-00						
Methanol	7.32	1.00	mg/l	8.00		91.5	70-130			
Surrogate: 1-pentanol	*4.07*		"	*5.00*		*81.4*	*55-157*			
Surrogate: 1-pentanol (dbwax)	*2.99*		"	*5.00*		*59.8*	*57-170*			
Matrix Spike (0J12008-MS1)		Source: MJJ0167-01		Prepared & Analyzed: 12-Oct-00						
Methanol	8.05	1.00	mg/l	8.00	ND	101	50-150			
Surrogate: 1-pentanol	*5.24*		"	*5.00*		*105*	*55-157*			
Surrogate: 1-pentanol (dbwax)	*5.60*		"	*5.00*		*112*	*57-170*			
Matrix Spike Dup (0J12008-MSD1)		Source: MJJ0167-01		Prepared & Analyzed: 12-Oct-00						
Methanol	7.99	1.00	mg/l	8.00	ND	99.9	50-150	0.748	50	
Surrogate: 1-pentanol	*5.41*		"	*5.00*		*108*	*55-157*			
Surrogate: 1-pentanol (dbwax)	*4.33*		"	*5.00*		*86.6*	*57-170*			

Sequoia Analytical

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:24

Notes and Definitions

A-01	Due to coelution of the Internal Standard, the reported BTEX values were calculated using a One Point Calibration of the Continuing Calibration Standard.
CC-3	Continuing Calibration indicates that the quantitative result for this analyte includes a greater than 15% degree of uncertainty. The value as reported is within method acceptance.
P-01	Chromatogram Pattern: Gasoline C6-C12
Q-01	The spike recovery for this QC sample is outside of established control limits. Review of associated batch QC indicates the recovery for this analyte does not represent an out-of-control condition for the batch.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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

Chain-of-Custody-Record

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

Chevron Facility Number: 9-2029
Facility Address: 890 W. MacArthur Blvd, Oakland
Consultant Project Number: 346503.01
Consultant Name: Getter-Ryan Inc.
Address: 6747 Sierra Ct, Ste G, Dublin, CA 94568
Project Contact (Name): Barbara Sieminski
(Phone) (925) 551-7555 (Fax Number) (925) 551-7888

Chevron Contact (Name): Tom Baehs
(Phone) (925) 842-8898
Laboratory Name: Sequoia WC1C17C
Laboratory Release Number:
Samples Collected by (Name): Barbara Sieminski
Collection Date: 10/06/00
Signature: B. Sieminski

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)	Analyses To Be Performed: 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)	5 oxygenates, ethanol, methanol, 1,2-DCA, EDB	TPH as hydraulic oil				Remarks
35-W	01A-D	4VOA	W	G	7:30	HCl	Yes	X								X					
B6-W	02	4VOA	"	"	12:00	HCl	"	X								X					
B8-W	03	4VOA	"	"	13:35	HCl	"	X								X					
B2-W	04A-E	4VOA	"	"	15:20	HCl	"	X								X					
B2-W	"	1 AMBER	"	"	16:00	No	"										X				
31-W	05A-D	4VOA	"	"	16:50	HCl	"	X								X					

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Barbara Sieminski	G-R	10/06/00 1830			
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
			Kyle Anderson		10/6/2000

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

Sequoia
Analytical

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1 November, 2000

Barbara Sieminski
Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin, CA 94568

RE: Chevron
Sequoia Report: W010189 RECREATE

Enclosed are the results of analyses for samples received by the laboratory on 06-Oct-00 18:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Charlie Westwater
Project Manager

CA ELAP Certificate #1271

Sequoia Analytical

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:40

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B-8-6	W010189-01	Soil	06-Oct-00 11:05	06-Oct-00 18:40
B-8-11	W010189-02	Soil	06-Oct-00 11:20	06-Oct-00 18:40
B-10-6	W010189-03	Soil	06-Oct-00 12:40	06-Oct-00 18:40
B-10-11	W010189-04	Soil	06-Oct-00 12:55	06-Oct-00 18:40
B-2-6	W010189-05	Soil	06-Oct-00 13:45	06-Oct-00 18:40
B-2-11	W010189-06	Soil	06-Oct-00 14:15	06-Oct-00 18:40
B-1-6	W010189-07	Soil	06-Oct-00 15:25	06-Oct-00 18:40
B-1-11	W010189-08	Soil	06-Oct-00 16:00	06-Oct-00 18:40

Charlie Westwater, Project Manager

Sequoia Analytical

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:40

Hydrocarbons as Hydraulic Fluid by DHS LUFT

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B-2-6 (W010189-05) Soil Sampled: 06-Oct-00 13:45 Received: 06-Oct-00 18:40									
Hydraulic Fluid	ND	10	mg/kg	1	0J20014	20-Oct-00	23-Oct-00	DHS LUFT	
Surrogate: n-Pentacosane		*123 %*	*50-150*		"	"	"	"	
B-2-11 (W010189-06) Soil Sampled: 06-Oct-00 14:15 Received: 06-Oct-00 18:40									
Hydraulic Fluid	ND	10	mg/kg	1	0J20014	20-Oct-00	23-Oct-00	DHS LUFT	
Surrogate: n-Pentacosane		*133 %*	*50-150*		"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:40

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

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B-8-6 (W010189-01) Soil Sampled: 06-Oct-00 11:05 Received: 06-Oct-00 18:40									
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0J10002	10-Oct-00	10-Oct-00	EPA 8015/8020	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*104 %*		*40-140*	"	"	"	"	
B-8-11 (W010189-02) Soil Sampled: 06-Oct-00 11:20 Received: 06-Oct-00 18:40									
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0J10002	10-Oct-00	11-Oct-00	EPA 8015/8020	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*102 %*		*40-140*	"	"	"	"	
B-10-6 (W010189-03) Soil Sampled: 06-Oct-00 12:40 Received: 06-Oct-00 18:40									
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0J11002	11-Oct-00	11-Oct-00	EPA 8015/8020	
Benzene	ND	0.0050	"	"	"	"	"	"	CC-3
Toluene	**0.0058**	0.0050	"	"	"	"	"	"	CC-3
Ethylbenzene	**0.0052**	0.0050	"	"	"	"	"	"	
Xylenes (total)	**0.016**	0.0050	"	"	"	"	"	"	CC-3
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*91.3 %*		*40-140*	"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:40

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

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B-10-11 (W010189-04) Soil Sampled: 06-Oct-00 12:55 Received: 06-Oct-00 18:40									
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0J11002	11-Oct-00	11-Oct-00	EPA 8015/8020	
Benzene	ND	0.0050	"	"	"	"	"	"	CC-3
Toluene	ND	0.0050	"	"	"	"	"	"	CC-3
Ethylbenzene	**0.0051**	0.0050	"	"	"	"	"	"	
Xylenes (total)	**0.015**	0.0050	"	"	"	"	"	"	CC-3
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*92.3 %*	*40-140*		"	"	"	"	
B-2-6 (W010189-05) Soil Sampled: 06-Oct-00 13:45 Received: 06-Oct-00 18:40									
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0J11002	11-Oct-00	11-Oct-00	EPA 8015/8020	
Benzene	ND	0.0050	"	"	"	"	"	"	CC-3
Toluene	ND	0.0050	"	"	"	"	"	"	CC-3
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	**0.012**	0.0050	"	"	"	"	"	"	CC-3
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*89.7 %*	*40-140*		"	"	"	"	
B-2-11 (W010189-06) Soil Sampled: 06-Oct-00 14:15 Received: 06-Oct-00 18:40									
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0J11002	11-Oct-00	11-Oct-00	EPA 8015/8020	
Benzene	ND	0.0050	"	"	"	"	"	"	CC-3
Toluene	ND	0.0050	"	"	"	"	"	"	CC-3
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	CC-3
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*82.3 %*	*40-140*		"	"	"	"	

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Walnut Creek, CA 94598
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FAX (925) 988-9673
www.sequoialabs.com

Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:40

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

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B-1-6 (W010189-07) Soil Sampled: 06-Oct-00 15:25 Received: 06-Oct-00 18:40									**P-01**
Purgeable Hydrocarbons	**68**	2.5	mg/kg	50	0J11002	11-Oct-00	11-Oct-00	EPA 8015/8020	
Benzene	**0.25**	0.013	"	"	"	"	"	"	CC-3
Toluene	**0.30**	0.013	"	"	"	"	"	"	CC-3
Ethylbenzene	**1.2**	0.013	"	"	"	"	"	"	
Xylenes (total)	**0.64**	0.013	"	"	"	"	"	"	CC-3
Methyl tert-butyl ether	**0.33**	0.12	"	"	"	"	"	"	CC-3
Surrogate: a,a,a-Trifluorotoluene		*124 %*	*40-140*		"	"	"	"	
B-1-11 (W010189-08) Soil Sampled: 06-Oct-00 16:00 Received: 06-Oct-00 18:40									
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0J11002	11-Oct-00	11-Oct-00	EPA 8015/8020	
Benzene	ND	0.0050	"	"	"	"	"	"	CC-3
Toluene	**0.0073**	0.0050	"	"	"	"	"	"	CC-3
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	**0.0089**	0.0050	"	"	"	"	"	"	CC-3
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*95.0 %*	*40-140*		"	"	"	"	

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Gettler Ryan, Inc. - Dublin 6747 Sierra Court Suite J Dublin CA, 94568	Project: Chevron Project Number: Chevron # 9-2029 Project Manager: Barbara Sieminski	**Reported:** 30-Oct-00 07:40

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B-8-6 (W010189-01) Soil Sampled: 06-Oct-00 11:05 Received: 06-Oct-00 18:40									
Lead	6.8	1.0	mg/kg	1	0J12013	12-Oct-00	12-Oct-00	EPA 6010A	
B-8-11 (W010189-02) Soil Sampled: 06-Oct-00 11:20 Received: 06-Oct-00 18:40									
Lead	5.1	1.0	mg/kg	1	0J12013	12-Oct-00	12-Oct-00	EPA 6010A	
B-10-6 (W010189-03) Soil Sampled: 06-Oct-00 12:40 Received: 06-Oct-00 18:40									
Lead	7.7	1.0	mg/kg	1	0J12013	12-Oct-00	12-Oct-00	EPA 6010A	
B-10-11 (W010189-04) Soil Sampled: 06-Oct-00 12:55 Received: 06-Oct-00 18:40									
Lead	4.6	1.0	mg/kg	1	0J12013	12-Oct-00	12-Oct-00	EPA 6010A	
B-2-6 (W010189-05) Soil Sampled: 06-Oct-00 13:45 Received: 06-Oct-00 18:40									
Lead	6.9	1.0	mg/kg	1	0J12013	12-Oct-00	12-Oct-00	EPA 6010A	
B-2-11 (W010189-06) Soil Sampled: 06-Oct-00 14:15 Received: 06-Oct-00 18:40									
Lead	3.9	1.0	mg/kg	1	0J12013	12-Oct-00	12-Oct-00	EPA 6010A	
B-1-6 (W010189-07) Soil Sampled: 06-Oct-00 15:25 Received: 06-Oct-00 18:40									
Lead	4.5	1.0	mg/kg	1	0J12013	12-Oct-00	12-Oct-00	EPA 6010A	
B-1-11 (W010189-08) Soil Sampled: 06-Oct-00 16:00 Received: 06-Oct-00 18:40									
Lead	4.5	1.0	mg/kg	1	0J12013	12-Oct-00	12-Oct-00	EPA 6010A	

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Gettler Ryan, Inc. - Dublin 6747 Sierra Court Suite J Dublin CA, 94568	Project: Chevron Project Number: Chevron # 9-2029 Project Manager: Barbara Sieminski	**Reported:** 30-Oct-00 07:40

Hydrocarbons as Hydraulic Fluid 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 0J20014 - EPA 3550A										
Blank (0J20014-BLK1)				Prepared: 20-Oct-00 Analyzed: 26-Oct-00						
Diesel Range Hydrocarbons	ND	1.0	mg/kg							
Surrogate: n-Pentacosane	*1.36*		"	*1.11*		*123*	*50-150*			
LCS (0J20014-BS1)				Prepared: 20-Oct-00 Analyzed: 26-Oct-00						
Diesel Range Hydrocarbons	10.7	1.0	mg/kg	15.0		71.3	60-140			
Surrogate: n-Pentacosane	*1.44*		"	*1.11*		*130*	*50-150*			
LCS Dup (0J20014-BSD1)				Prepared: 20-Oct-00 Analyzed: 26-Oct-00						
Diesel Range Hydrocarbons	10.6	1.0	mg/kg	15.0		70.7	60-140	0.939	40	
Surrogate: n-Pentacosane	*1.47*		"	*1.11*		*132*	*50-150*			
Matrix Spike (0J20014-MS1)		Source: W010446-01		Prepared: 20-Oct-00 Analyzed: 26-Oct-00						
Diesel Range Hydrocarbons	10.3	1.0	mg/kg	15.0	1.6	58.0	50-150			
Surrogate: n-Pentacosane	*1.59*		"	*1.11*		*143*	*50-150*			
Matrix Spike Dup (0J20014-MSD1)		Source: W010446-01		Prepared: 20-Oct-00 Analyzed: 26-Oct-00						
Diesel Range Hydrocarbons	11.9	1.0	mg/kg	15.0	1.6	68.7	50-150	14.4	50	
Surrogate: n-Pentacosane	*1.57*		"	*1.11*		*141*	*50-150*			

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:40

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE 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 0J10002 - EPA 5030B [MeOH]										
Blank (0J10002-BLK1)				Prepared & Analyzed: 10-Oct-00						
Purgeable Hydrocarbons	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: α,α,α-Trifluorotoluene	*0.654*		"	*0.600*		*109*	*40-140*			
LCS (0J10002-BS1)				Prepared: 10-Oct-00 Analyzed: 11-Oct-00						
Benzene	0.612	0.0050	mg/kg	0.800		76.5	50-150			
Toluene	0.650	0.0050	"	0.800		81.2	50-150			
Ethylbenzene	0.696	0.0050	"	0.800		87.0	50-150			
Xylenes (total)	2.04	0.0050	"	2.40		85.0	50-150			
Surrogate: α,α,α-Trifluorotoluene	*0.688*		"	*0.600*		*115*	*40-140*			
Matrix Spike (0J10002-MS1)		Source: W009735-14		Prepared: 10-Oct-00 Analyzed: 11-Oct-00						
Benzene	0.656	0.0050	mg/kg	0.800	ND	82.0	50-150			
Toluene	0.714	0.0050	"	0.800	ND	89.2	50-150			
Ethylbenzene	0.774	0.0050	"	0.800	ND	96.7	50-150			
Xylenes (total)	2.33	0.0050	"	2.40	ND	97.1	50-150			
Surrogate: α,α,α-Trifluorotoluene	*0.672*		"	*0.600*		*112*	*40-140*			
Matrix Spike Dup (0J10002-MSD1)		Source: W009735-14		Prepared: 10-Oct-00 Analyzed: 11-Oct-00						
Benzene	0.638	0.0050	mg/kg	0.800	ND	79.8	50-150	2.78	20	
Toluene	0.698	0.0050	"	0.800	ND	87.3	50-150	2.27	20	
Ethylbenzene	0.760	0.0050	"	0.800	ND	95.0	50-150	1.83	20	
Xylenes (total)	2.25	0.0050	"	2.40	ND	93.7	50-150	3.49	20	
Surrogate: α,α,α-Trifluorotoluene	*0.664*		"	*0.600*		*111*	*40-140*			

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:40

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE 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 0J11002 - EPA 5030B [MeOH]										
Blank (0J11002-BLK1)				Prepared & Analyzed: 11-Oct-00						
Purgeable Hydrocarbons	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	*0.634*		"	*0.600*		*106*	*40-140*			
LCS (0J11002-BS1)				Prepared & Analyzed: 11-Oct-00						
Benzene	0.614	0.0050	mg/kg	0.800		76.8	50-150			
Toluene	0.663	0.0050	"	0.800		82.9	50-150			
Ethylbenzene	0.716	0.0050	"	0.800		89.5	50-150			
Xylenes (total)	2.11	0.0050	"	2.40		87.9	50-150			
Surrogate: a,a,a-Trifluorotoluene	*0.661*		"	*0.600*		*110*	*40-140*			
Matrix Spike (0J11002-MS1)				Source: W010120-02RE1 Prepared & Analyzed: 11-Oct-00						
Benzene	0.615	0.0050	mg/kg	0.800	ND	76.9	50-150			
Toluene	0.665	0.0050	"	0.800	ND	83.1	50-150			
Ethylbenzene	0.712	0.0050	"	0.800	ND	89.0	50-150			
Xylenes (total)	2.14	0.0050	"	2.40	ND	89.2	50-150			
Surrogate: a,a,a-Trifluorotoluene	*0.640*		"	*0.600*		*107*	*40-140*			
Matrix Spike Dup (0J11002-MSD1)				Source: W010120-02RE1 Prepared & Analyzed: 11-Oct-00						
Benzene	0.583	0.0050	mg/kg	0.800	ND	72.9	50-150	5.34	20	
Toluene	0.636	0.0050	"	0.800	ND	79.5	50-150	4.46	20	
Ethylbenzene	0.683	0.0050	"	0.800	ND	85.4	50-150	4.16	20	
Xylenes (total)	2.05	0.0050	"	2.40	ND	85.4	50-150	4.30	20	
Surrogate: a,a,a-Trifluorotoluene	*0.634*		"	*0.600*		*106*	*40-140*			

Sequoia Analytical

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:40

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

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J12013 - EPA 3050B										
Blank (0J12013-BLK1)				Prepared & Analyzed: 12-Oct-00						
Lead	ND	1.0	mg/kg							
LCS (0J12013-BS1)				Prepared & Analyzed: 12-Oct-00						
Lead	49.5	1.0	mg/kg	50.0		99.0	80-120			
LCS Dup (0J12013-BSD1)				Prepared & Analyzed: 12-Oct-00						
Lead	51.8	1.0	mg/kg	50.0		104	80-120	4.54	20	
Matrix Spike (0J12013-MS1)		Source: W010197-01		Prepared & Analyzed: 12-Oct-00						
Lead	53.8	1.0	mg/kg	50.0	6.5	94.6	80-120			
Matrix Spike Dup (0J12013-MSD1)		Source: W010197-01		Prepared & Analyzed: 12-Oct-00						
Lead	53.4	1.0	mg/kg	50.0	6.5	93.8	80-120	0.746	20	

Sequoia Analytical

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	30-Oct-00 07:40

Notes and Definitions

CC-3	Continuing Calibration indicates that the quantitative result for this analyte includes a greater than 15% degree of uncertainty. The value as reported is within method acceptance.
P-01	Chromatogram Pattern: Gasoline C6-C12
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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

Chain-of-Custody-Record

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

Chevron Facility Number: 9-2029
Facility Address: 890 W. Mac Arthur Blvd, Oakland
Consultant Project Number: 346503.01
Consultant Name: Gettler-Ryan Inc
Address: 6747 Sierra Ct, Ste G, Dublin, CA 94568
Project Contact (Name): Barbara Sieminski
(Phone): (925) 551-7555 (Fax Number): (925) 551-7888

Chevron Contact (Name): Thomas Banks
(Phone): (925) 842-8598
Laboratory Name: Sequoia W010189
Laboratory Release Number:
Samples Collected by (Name): Barbara Sieminski
Collection Date: 10/06/00
Signature: [signature]

Analyses To Be Performed

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	BTEX + TPH GAS (8020 + 8015) / MTBE	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)	Total Lead	Hydraulic Fluid as per B. Banks 10/20/00				Remarks
B-8-6		1	S	D	11:05	01A	Yes	X								X					
B8-4		1	↓	↓	11:20	02A	↓	X								X					
B8-16		1			11:35																} hold
B10-4		1			10:30																} hold
B10-6		1			12:40	03A		X								X					
B10-10		1			12:55																hold
B10-11		1			12:55	04A		X								X					
B10-16		1			13:05																} hold
B2-4		1			12:35																} hold
B2-6		1			13:45	05A		X								X	X				
B2-11		1			14:15	06A		X								X	X				
B2-16		1	↓	↓	14:30		↓														hold

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Barbara Sieminski	G-R	10/06/00 1839			
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
			[signature]		10/6/2000

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

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

Chain-of-Custody-Record

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

Chevron Facility Number: 9-2029
Facility Address: 890 W. MacArthur Blvd, Oakland
Consultant Project Number: 346503.01
Consultant Name: Gettler - Ryan Inc
Address: 6747 Sierra Ct, Ste G, Dublin, CA 94568
Project Contact (Name): Barbara Sieminski
(Phone) (925) 551-7555 (Fax Number) (925) 551-7888

Chevron Contact (Name): Thomas Banks
(Phone) (925) 842-8878
Laboratory Name: Sequoia WO10189
Laboratory Release Number:
Samples Collected by (Name): Barbara Sieminski
Collection Date: 10/06/00
Signature: B Sieminski

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)	Analyses To Be Performed: 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)	Total Lead					Remarks
B1-4		1	S	D	13:10		Yes	X													hold
B1-6		1			15:25	07A		X								X					
B1-11		1			16:00	08A		X								X					
B1-16		1			16:20																hold
B7-4		1			14:25																

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Barbara Sieminski	G-R	10/06/00 8:35			
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
			Kyle Anderson		10/6/2000

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

Sequoia
Analytical

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10 October, 2000

Barbara Sieminski
Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin, CA 94568

RE: Chevron
Sequoia Report: W010190

Enclosed are the results of analyses for samples received by the laboratory on 09-Oct-00 16:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Charlie Westwater
Project Manager

CA ELAP Certificate #1271

Sequoia Analytical

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	10-Oct-00 18:39

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP-A,B,C,D	W010190-01	Soil	09-Oct-00 15:30	09-Oct-00 16:45

Sequoia Analytical - Walnut Creek

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

Charlie Westwater, Project Manager

Sequoia Analytical

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	10-Oct-00 18:39

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

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-A,B,C,D (W010190-01) Soil	**Sampled: 09-Oct-00 15:30**		**Received: 09-Oct-00 16:45**						**P-04**
Purgeable Hydrocarbons	**80**	10	mg/kg	200	0J09010	09-Oct-00	10-Oct-00	EPA 8015/8020	
Benzene	**0.25**	0.050	"	"	"	"	"	"	
Toluene	**0.24**	0.050	"	"	"	"	"	"	
Ethylbenzene	**1.0**	0.050	"	"	"	"	"	"	
Xylenes (total)	**0.70**	0.050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*132 %*	*40-140*		"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	10-Oct-00 18:39

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-A,B,C,D (W010190-01) Soil	**Sampled: 09-Oct-00 15:30**		**Received: 09-Oct-00 16:45**						
Lead	6.5	1.0	mg/kg	1	0J10008	10-Oct-00	10-Oct-00	EPA 6010A	

Sequoia Analytical

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

Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	10-Oct-00 18:39

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE 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 0J09010 - EPA 5030B [P/T]										
Blank (0J09010-BLK1)				Prepared & Analyzed: 09-Oct-00						
Purgeable Hydrocarbons	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	*0.634*		"	*0.600*		*106*	*40-140*			
LCS (0J09010-BS1)				Prepared & Analyzed: 09-Oct-00						
Benzene	0.684	0.0050	mg/kg	0.800		85.5	50-150			
Toluene	0.712	0.0050	"	0.800		89.0	50-150			
Ethylbenzene	0.742	0.0050	"	0.800		92.7	50-150			
Xylenes (total)	2.22	0.0050	"	2.40		92.5	50-150			
Surrogate: a,a,a-Trifluorotoluene	*0.672*		"	*0.600*		*112*	*40-140*			
Matrix Spike (0J09010-MS1)		Source: W010073-02		Prepared & Analyzed: 09-Oct-00						
Benzene	0.612	0.0050	mg/kg	0.800	ND	76.5	50-150			
Toluene	0.650	0.0050	"	0.800	ND	81.2	50-150			
Ethylbenzene	0.692	0.0050	"	0.800	ND	86.5	50-150			
Xylenes (total)	2.04	0.0050	"	2.40	ND	85.0	50-150			
Surrogate: a,a,a-Trifluorotoluene	*0.552*		"	*0.600*		*92.0*	*40-140*			
Matrix Spike Dup (0J09010-MSD1)		Source: W010073-02		Prepared & Analyzed: 09-Oct-00						
Benzene	0.606	0.0050	mg/kg	0.800	ND	75.7	50-150	0.985	20	
Toluene	0.644	0.0050	"	0.800	ND	80.5	50-150	0.927	20	
Ethylbenzene	0.686	0.0050	"	0.800	ND	85.7	50-150	0.871	20	
Xylenes (total)	2.03	0.0050	"	2.40	ND	84.6	50-150	0.491	20	
Surrogate: a,a,a-Trifluorotoluene	*0.522*		"	*0.600*		*87.0*	*40-140*			

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	10-Oct-00 18:39

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

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J10008 - EPA 3050B										
Blank (0J10008-BLK1)				Prepared & Analyzed: 10-Oct-00						
Lead	ND	1.0	mg/kg							
LCS (0J10008-BS1)				Prepared & Analyzed: 10-Oct-00						
Lead	54.0	1.0	mg/kg	50.0		108	80-120			
LCS Dup (0J10008-BSD1)				Prepared & Analyzed: 10-Oct-00						
Lead	50.5	1.0	mg/kg	50.0		101	80-120	6.70	20	
Matrix Spike (0J10008-MS1)		Source: W010191-01		Prepared & Analyzed: 10-Oct-00						
Lead	49.5	1.0	mg/kg	50.0	9.5	80.0	80-120			
Matrix Spike Dup (0J10008-MSD1)		Source: W010191-01		Prepared & Analyzed: 10-Oct-00						
Lead	60.0	1.0	mg/kg	50.0	9.5	101	80-120	19.2	20	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-2029	**Reported:**
Dublin CA, 94568	Project Manager: Barbara Sieminski	10-Oct-00 18:39

Notes and Definitions

P-04	Chromatogram Pattern: Gasoline C6-C12 + Unidentified Hydrocarbons C6-C12
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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

Chain-of-Custody-Record

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

Chevron Facility Number: 9-2029
Facility Address: 890 W. MacArthur Blvd, Oakland
Consultant Project Number: 346503.01
Consultant Name: Getter-Ryan Inc
Address: 6747 Sierra Ct, Ste G, Dublin, CA 94568
Project Contact (Name): Barbara Sieminski
(Phone) (925) 551-7555 (Fax Number) (925) 551-7888

Chevron Contact (Name): Thomas Baubs
(Phone) (925) 842-8898
Laboratory Name: Sequoia WC10190
Laboratory Release Number:
Samples Collected by (Name): Barbara Sieminski
Collection Date: 10/09/00
Signature:

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed: BTEX + TPH GAS (8020 + 8015) / 8260	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 (TCLP or AA)	Total lead					Remarks
SP-A		1	S	G	15:30	01A-D	Yes	X								X					
SP-B		1	↓	↓	15:32	↓	↓	X								X					
SP-C		1	↓	↓	15:34	↓	↓	X								X					
SP-D		1	↓	↓	15:36	↓	↓	X								X					

Composite

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Barbara Sieminski	G-R	10/09/00 16:45			
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
			LVC Kenneth Cannon		10/9/00 16:45

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