C A M B R I A To: Mr. Tom Bauhs Company: Chevron Products Company Address: 6001 Bollinger Canyon Road San Ramon, CA 94583 Phone: From: Robert Foss Phone: (925) 973-3126 Pages: 101 (including cover page)

Transmittal

Phone:	(925) 973-3126	بې
Pages:	101 (including cover page)	9
Date:	November 29, 2000	
Re:	Additional Baseline Investigation Report	
	Chevron SS #9-3322	
	7225 Bancroft Ave., Oakland	2
		~

Mr. Bauhs:

Attached hereto you will find a copy of the Additional Baseline Investigation Report, dated November 22, 2000. This report documents activities conducted September 25, 2000 to acquire additional environmental data necessary to complete the real estate transaction on the property.

If you have any questions or require additional information, please contact me at (925) 973-3126.

Robert Foss

Senior Project Manager

Robert Form.

cc: Mr. Greg Wanket, Chevron Products Company

Mr. Amar Sidhu, Chevron Dealer, 32875 Bluebird Ct., Fremont, CA 94585

Mr. Don Huang, ACHCSA - Environemtnal Health Dept., 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502

November 22, 2000

Mr. Tom Bauhs Chevron Product Company 6001 Bollinger Canyon Road San Ramon, CA 94583

Re: Additional Baseline Investigation Report

Chevron Station #9-3322 7225 Bancroft Avenue, Oakland Cambria Job No.31A-1806



Dear Mr. Bauhs:

On behalf of Chevron Products Company (Chevron), Cambria Environmental Technology, Inc. (Cambria) has conducted an additional baseline investigation at the site referenced above. The primary objective of this investigation was to acquire additional environmental data to satisfy real estate and lending requirements of the station operator for his purchase of the site facilities. The scope of the additional investigation involved completing three borings and performing analyses for compounds potentially used, or otherwise present, at the site. The site description, background, current conditions, and the results of our investigation are presented below.

SITE DESCRIPTION

The site is an active service station, located on a parcel bordered by Bancroft Avenue to the northeast, Halliday Avenue to the southwest and 73rd Avenue to the southwest in Oakland (Figure 1). The area surrounding the site is primarily residential with the Eastmont Mall north across Bancroft Avenue. A Unocal service station is located across the intersection on the northern corner of Bancroft and 73rd Avenues. The site elevation is approximately 40 feet (ft) above mean sea level and the topography slopes gently westward toward San Francisco Bay, a distance of approximately 2 miles. The nearest surface water is Arroyo Viejo Creek approximately 1,300 ft south of the site. Chevron owns the site property and has operated a service station there from approximately 1961 to the present. The service station presently operates with three 10,000 gallon fuel underground storage tanks (USTs) and three dispenser islands. The USTs single-walled fiberglass installed in 1981along the southeastern property boundary.

Oakland, CA San Ramon, CA

Sonoma, CA

Portland, OR

Cambria Environmental Technology, Inc.

2694 Bishop Drive Suite 105 San Ramon, CA 94583 Tel (925) 275-3200 Fax (925) 275-3204

The site is located within the East Bay Plain groundwater basin. Groundwater has historically occurred between 7.60 feet below ground (fbg) and 21.92 ft fbg and generally flows north to northwest.

SITE BACKGROUND



1981 UST Removal and Replacement: Chevron records indicate the current USTs were installed in 1981. These tanks represent at least the second generation of USTs at the site. No records of conditions encountered during these activities were located in Chevron's files.

August 1996 Product Line Removal and Replacement: All product piping at the site was removed and replaced. Records indicate that approximately 300 cubic yards of soil and pea gravel were excavated during line removal activities. Samples taken beneath the product lines and USTs contained up to 500 parts per million (ppm) TPHg and 4.2 ppm benzene at the middle pump island. All other samples were either below detection limits or contained minor concentrations.

January 1998 Well Installation: Gettler-Ryan Inc. installed 2-inch diameter wells MW-1, MW-2 and MW-3. Maximum TPHg and benzene concentrations were detected in soil in MW-1 at 23 ppm and 0.053 ppm, respectively, in the sample collected at 15 ft bgs. Groundwater concentrations ranged up to 130,000 parts per billion (ppb) TPHg, 12,000 ppb benzene and 8,000 ppb MTBE. Since June 1999, well MW-1 has contained separate phase hydrocarbons (SPH) at a maximum thickness of 0.40 ft. A sample of the SPH from well MW-1 has been fingerprinted as pre-1992 leaded gasoline.

July 1998 Well Search: A search of California DWR records to identify domestic and municipal supply wells within a 0.5 mile radius of the sit was conducted in July 1998. Seven wells were located within the search area but none were identified as domestic or municipal wells.

January 1999 Well Installation: Gettler-Ryan Inc. installed 2-inch diameter wells MW-4 through MW-6 in January 1999 to further define the extent of hydrocarbons in soil and groundwater beneath the site. No hydrocarbons were detected in soil samples from any of the three wells. However, groundwater from MW-6, downgradient of MW-3, contained 14,000 ppb TPHg and 5,600 ppb benzene.

July 2000 Baseline Investigation: Cambria used direct push boring technology to install two soil borings and monitoring well MW-7. This was conducted to provide current information of environmental conditions at the time of transfer of facilities to the dealer.

SITE CONDITIONS

Site Lithology: The site is primarily underlain by interbedded clay, silt and gravel. Fine grained materials consisting of clay to sandy clay exist between the surface and 11-15 ft. Clayey gravel grading to sandy gravel underlies the clay layer to approximately 34 ft bgs. A 5-ft thick silt unit was observed in wells MW-3, MW-4, MW-5 and MW-6 from 20-25 ft bgs, along the eastern half of the property. Currently, the top of the water table occurs within this silt zone in these wells.



Groundwater Depth: Historically, depth to groundwater beneath the site has varied from approximately 7.5 ft bgs (MW-2, 2/98) to a maximum depth of 21.92 ft bgs (MW-5, 10/99).

Groundwater Flow Direction and Gradient: Direction of groundwater flow has been calculated from north to northwest with an approximate average gradient of 0.08.

Hydrocarbon Concentrations in Groundwater: SPH has been observed on the water table in well MW-1 since June 1999 at an average accumulation of 0.36 ft. The highest dissolved hydrocarbon concentrations in groundwater was 370,000 ppb TPHg in well MW-1 in July 1998, prior to the occurrence of SPH. No hydrocarbons are detected in well MW-4, downgradient of MW-1. Currently, the highest dissolved hydrocarbon concentrations occur in well MW-3 at 28,200 ppb TPHg and 2,030 ppb benzene. The source of hydrocarbons in well MW-3 is currently unknown.

INVESTIGATION PROCEDURES AND RESULTS

Boring locations were selected based on data gathered from previous investigations to further define hydrocarbon sources beneath the site. The results of Cambria's subsurface investigation are summarized below. Analytical results for soil and groundwater are summarized in Tables 1 and 2, respectively. The boring logs for SB-4 through SB-6 are presented as Attachment A. The laboratory analytic reports for soil and groundwater samples are presented as Attachment B.

Soil Borings

Personnel Present: Cambria geologist Albert Simmons conducted fieldwork under the

direction of Cambria Registered Geologist Scott MacLeod.

Permits: Work was conducted under Alameda County Public Works Agency

Permit No. W00-561, issued 9/13/00.

Drilling Company: V & W Drilling of Hayward, California.

Drilling Date:

September 25, 2000

Drilling Method:

GeoProbe.

Number of Borings:

Three. Borings SB-4, SB-5 and SB-6 were advanced in locations essentially adjacent to previous borings B-1, B-2 and B-3 to obtain samples for additional analyses (Figure 2).

Sediment Description:

Boring logs for SB-4, SB-5 and SB-6 are presented in Attachment A. Soils beneath the site are characterized primarily by interbedded clays, fine grained sands, and gravels. Soil from the surface to approximately 5 fbg consists of clay with minor fine grained sand. Between 5 and 11-15 fbg the soil is dominated by fine grained sandy clays with minor to moderate gravels. Deeper soils are dominated by well graded gravels containing varying percentages of sand and clay to approximately 24 fbg.

Sampling Technique:

The borings were hydraulically driven. Cambria collected soil samples at approximately 4-5 foot intervals and at obvious lithologic changes. Samples collected for laboratory analysis were properly sealed, logged on the chain of custody forms, preserved on ice and released to Sequoia Analytical Laboratory of Walnut Creek, California for analysis.

Soil Disposal:

A minimal amount of soil cuttings were generated during this investigation due to the drilling method. Soil from the sampling tubes not retained for analysis was placed in a 30-gallon barrel and stored onsite pending analytic results. Upon receipt of analytic results, the soil cuttings were transported to and disposed of at a Chevron-approved facility.

Groundwater Sampling: Indications of groundwater were encountered at depths from 17.5 fbg (SB-5) to 24 fbg (SB-4) across the site. Insufficient groundwater volumes entered the borings to facilitate sample collection. Therefore, groundwater samples were obtained from existing wells MW-2, MW-3 and MW-7. The samples were preserved, where required by EPA method, logged on the chain of custody form, preserved on ice and released to Sequoia Analytical of Walnut Creek, California for analysis.

Groundwater Flow:

Groundwater beneath the site has been calculated to flow northnorthwesterly.

Laboratory Analysis:

Soil and groundwater samples were analyzed for:

- TPHg by Modified EPA Method 8015.
- BTEX by EPA Method 8020,
- MTBE and other oxygenates by EPA Method 8260B,
- Polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8270B,
- Pesticides and PCBs by EPA Methods 8081A and 8082, and
- CAM 17 metals by EPA 6000/7000 Series Methods.



Hydrocarbon Distribution In Soil

The highest concentrations were detected between approximately 15-19 fbg. Boring SB4 contained 96 ppm TPHg, 0.25 ppm benzene, 0.62 ppm toluene, 1.3 ppm ethylbenzene and 5.7 ppm xylenes, in the sample from 18 fbg. Boring SB5 contained 1,400 ppm TPHg, 3.1 ppm benzene, 10 ppm toluene, 28 ppm ethylbenzene and 150 ppm xylenes, in the sample from 24 fbg. No MTBE or other oxygenate compounds were detected in soil samples by EPA Method 8260B. Analytic results for soil samples are summarized in Table 1 and on pages 2-6 and 17-37 of the laboratory analytic report in Attachment B.

Hydrocarbon Distribution In Groundwater

Because grab groundwater samples could not be collected from borings SB-4, SB-5 or SB-6 due to slow recharge into the borehole, samples were collected from existing monitoring wells MW-2, MW-3 and MW-7. The highest hydrocarbon concentrations detected in groundwater during this investigation were 24,000 ug/l TPHg in well MW-3 and 2,000 ug/l benzene in well MW-7. Well MW-3 contained 1,400 ppb MTBE and 500 ppb TAME, as analyzed by EPA Method 8260B. Analytic results are presented in Attachment B.

CAM 17 Metals

All soil and groundwater samples were analyzed by EPA 6000/7000 Series Methods for total (CAM 17) metal analyses. No metals were detected in groundwater above maximum contaminant levels and no metals were detected above EPA Region IX preliminary remediation goals (PRGs). These Region IX PRGs. Results of metals analyses are presented in Table 3 and on pages 7-16 in the certified laboratory analytic report in Attachment B.

Semivolatile Organic Compounds

Soil and groundwater samples were analyzed for semivolatile organic compounds (SVOCs) by EPA Method 8270B. Soil sample SB4-18' contained 0.86 ppm 2-methylnaphthalene and 0.58 ppm naphthalene. All other constituents were below detection limits. No other SVOCs were detected in any other soil samples. The groundwater sample from MW-3 contained 51 ppb 2-methylnaphthalene and 200 ppb naphthalene. No other groundwater samples contained detectable concentrations of SVOCs.



Organochlorine Pesticides

The only organochlorine pesticides present in soils were aldrin, heptachlor and delta-BHC (lindane), at maximum concentrations of 3.07 ug/kg, 2.10 ug/kg and 7.46 ug/kg, respectively. These compounds were found only in samples SB4-3', SB4-5', SB5-16' and SB6-10'. The only organochlorine pesticide compound detected in groundwater samples was delta-BHC at 10.8 ug/l and 16.0 ug/l in wells MW-2 and MW-3, respectively. Concentrations of these compounds are all below EPA Region IX PRGs in soil and maximum contaminant levels (MCLs) in groundwater. Complete EPA Method 8081A results are presented in Attachment B on pages 38-51.

Polychlorinated Biphenyls

All soil and groundwater samples were analyzed for polychlorinated biphenyls by EPA Method 8082. No samples contained detectable concentrations of polychlorinated biphenyls above the detection limits of 20 micrograms per kilogram (ug/kg) for soil and 0.500 micrograms per liter (ug/l) for water. Analytic results for EPA Method 8082 analyses are presented on pages 52-58 in Attachment B.

CONCLUSIONS

The primary objective of this investigation was to provide data to the buyer of the station property for the purpose of satisfying lending and real estate requirements. Soil and groundwater was analyzed for, in addition to standard hydrocarbon analyses, semivolatile organic compounds by EPA Method 8270B, organochlorine pesticides by EPA Method 8081A, polychlorinated biphenyls by EPA Method 8082 and CAM 17 metals by EPA 6000/7000 Series Method. The compounds detected were below PRGs and MCLs and do not pose a significant concern to the site regulators. The primary driving forces at this site will most likely remain the separate phase hydrocarbons and MTBE.

No. 5747

CAMBRIA

CLOSING

Please call Robert Foss at (925) 973-3126 if you have any questions or comments regarding this report. The new consultant for this site is Gettler-Ryan in the Rancho Cordova office. Please direct any future correspondence to Greg Gurss at Gettler-Ryan.

Sincerely,

Cambria Environmental Technology, Inc.



Robert Foss Robert Foss

Senior Project Manager

N. Scott MacLeod, R.G. Principal Geologist

cc;

Mr. Don Huang, Alameda County Health Care Services Agency

Mr. Greg Wanket, Chevron Products Company

Mr. Amar Sidhu, Chevron Dealer, Chevron SS #9-3322

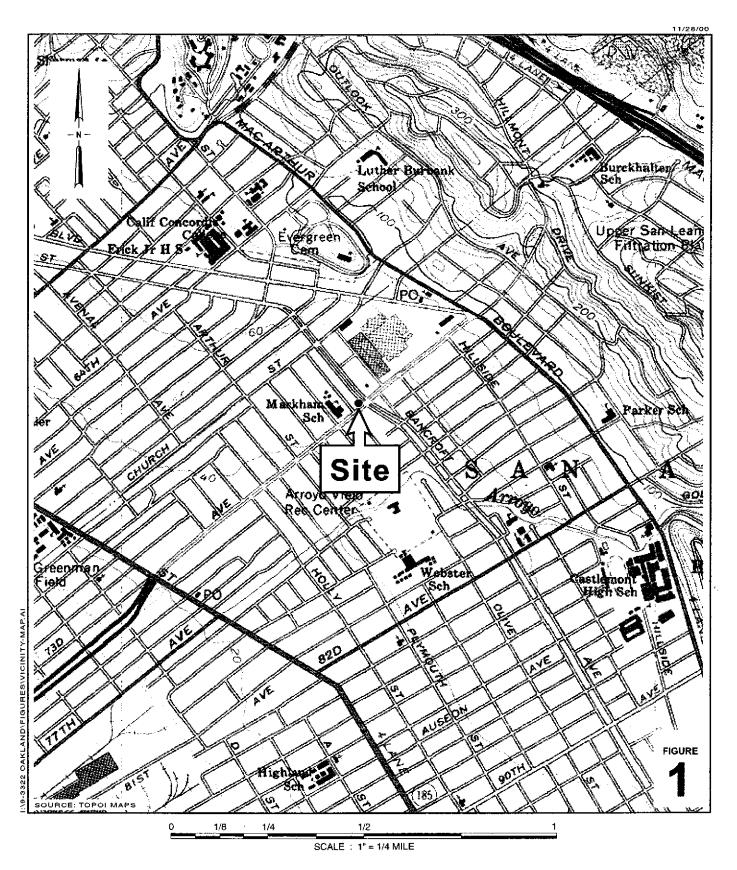
Figures:

1 - Site Vicinity Map

2 - Soil Boring Location Map

Attachments: A - Boring Logs for SB-4, SB-5 and SB-6

B - Analytic Report for Soil and Groundwater Samples



Chevron Service Station 9-3322



Vicinity Map

Table 2. Analytical Results for Groundwater - Chevron Station #9-3322, 7225 Bancroft Avenue, Oakland, California

Sample	Sampling	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TAME	2-Methyl-	Naphthalene
ID	Date		(concen	trations rep	orted in ug/l)				naphthalene	
							(8260B)*	(8260B)*	(8270B)**	(8270B)**
MW-2	9/25/00	5,400	38	17	470	730	70	18	11	39
MW-3	9/25/00	24,000	1,500	560	1,500	5,700	1,400	500	51	200
MW-7	9/25/00	4,100	2,000	1,600	180	670	82	<20	* *** 17 5 5 65	120

Abbreviations/Notes:

Total Petroleum Hydrocarbons as gasoline (TPHg) by EPA Method 8015M Benzene, Toluene, Ethylbenzene, Xylenes and MTBE by EPA Method 8020 NA - Not analyzed

< x.xxx - Not detected above method detection limits

^{*} All other constituents under 8260B were below detection limits

^{**} All other constituents under 8270B were below detection limits

EXPLANATION

MW-1 → Monitoring well location

SB-1
Previous soil boring location

SB-4 Soil boring location from September 25, 2000 investigation

0 15 30 Scale (ft)

FIGURE 2

Chevron Service Station 9-3322

7225 Bancroft Avenue Oakland, California



Soil Boring Location Map

Table 1. Analytical Results for Soil - Chevron Station #9-3322, 7225 Bancroft Avenue, Oakland, California

Boring	Sampling	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	2-Methyl-	Naphthalene
ID	Date		(conce	ntrations repor	ted in mg/kg)			naphthalene	
							(8260B)*	(8270B)**	(8270B)**
SB4-3'	9/25/00	<1.0	< 0.005	< 0.005	< 0.005	0.014	< 0.10	< 0.10	< 0.10
SB4-5'	9/25/00	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.10	< 0.10	< 0.10
SB4-10'	9/25/00	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.10	< 0.10	< 0.10
SB4-15'	9/25/00	58	0.14	0.24	0.33	0.86	< 0.10	< 0.10	< 0.10
SB4-18'	9/25/00	96	0.25	0.62	1.3	5.7	< 0.10	0.86	0.58
SB4-20'	9/25/00	21	0.25	0.58	0.25	1.3	< 0.10	< 0.10	< 0.10
SB4-24'	9/25/00	<1.0	< 0.005	< 0.005	< 0.005	0.017	< 0.10	< 0.10	< 0.10
SB5-3'	9/25/00	<1.0	0.0081	0.0094	0.012	0.014	< 0.10	< 0.10	< 0.10
SB5-5'	9/25/00	<1.0	0.0051	0.0052	0.01	0.016	< 0.10	< 0.10	< 0.10
SB5-10'	9/25/00	<1.0	< 0.005	< 0.005	< 0.005	0.016	< 0.10	< 0.10	< 0.10
SB5-16'	9/25/00	65	0.22	0.27	0.34	0.77	< 0.10	< 0.10	< 0.10
SB5-20'	9/25/00	19	0.079	0.099	0.083	0.21	< 0.10	< 0.10	< 0.10
SB5-24'	9/25/00	1,400	3.1	10	28	150	< 0.10	< 0.10	< 0.10
SB6-3'	9/25/00	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.10	< 0.10	< 0.10
SB6-5'	9/25/00	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.10	< 0.10	< 0.10
SB6-10'	9/25/00	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.10	< 0.10	< 0.10
SB6-23'	9/25/00	<1.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.10	< 0.10	< 0.10

Abbreviations/Notes:

Total Petroleum Hydrocarbons as gasoline (TPHg) by EPA Method 8015M

Benzene, Toluene, Ethylbenzene and Xylenes by EPA Method 8020

<x.xxx - Not detected above method detection limits</p>

^{*} All other constituents under 8260B were below detection limits

^{**} All other constituents under 8270B were below detection limits

Cambria

Table 3 Analytical Results For Total Metals in Soil and Water-Chevron Station #9-3322, 7225 Bancroft Avenue, Oakland CA

Boring ID	Sampling	Mercury	Barium	Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Silver	Thallium	Vanadium	Zinc
			(So	l concentrat	ions in m	g/kg, Wat	er conce	entrations in ug/I)				
SOIL													
SB4-31	9/25/00	0.037	140	26	21	38	3	ND	28	1.3	12	84	19
SB4-5'	9/25/00	0.17	120	40	18	37	6.9	ND	37	0.82	13	91	40
SB4-10'	9/25/00	0.18	120	37	20	52	4	ND	53	0.68	15	100	31
SB4-15'	9/25/00	0.088	160	44	14	30	7.5	ND	54	1.7	ND	46	44
SB4-18'	9/25/00	0.051	200	47	16	30	8.2	ND	56	ND	17	49	48
SB4-20'	9/25/00	0.1	160	46	14	36	6.6	ND	56	1.8	15	49	50
SB4-24'	9/25/00	0.049	120	32	6.3	18	5.3	ND	33	2.1	18	29	34
SB5-3'	9/25/00	0.043	170	27	19	46	3.1	ND	33	ND	13	79	23
SB5-5'	9/25/00	0.055	150	32	23	45	3.6	ND	39	1.9	12	88	30
SB5-10'	9/25/00	0.15	130	34	24	49	3.8	ND	57	1.3	15	100	30
SB5-16'	9/25/00	0.092	130	40	13	27	6.7	ND	50	1.2	ND	45	40
SB5-20'	9/25/00	0.15	120	30	7	14	4.2	ND	35	ND	13	29	31
SB5-24'	9/25/00	0.1	140	28	8.1	19	4.7	ND	39	ND	ND	32	35
SB6-3'	9/25/00	0.069	150	28	18	44	2.7	ND	39	ND	14	87	21
SB6-5'	9/25/00	0.23	150	36	10	46	3.3	ND	39	1.8	11	76	27
SB6-10'	9/25/00	0.22	100	34	20	4 4	2.7	ND	50	1.3	ND	92	29
SB6-23'	9/25/00	0.043	110	30	8.3	18	5.6	ND	36	2.2	ND	35	33
<u>WATER</u>													
MW-2	9/25/00	ND	0.16	0.05	ND	ND	ND	ND	0.037	0.043	0.24	0.013	0.054
MW-3	9/25/00	ND	0.34	ND	ND	ND	ND	ND	ND	0.044	0.24	ND	0.041
MW-7	9/25/00	ND	0.098	ND	ND	ND	ND	0.017	0.018	0.051	ND	ND	0.067

ATTACHMENT A

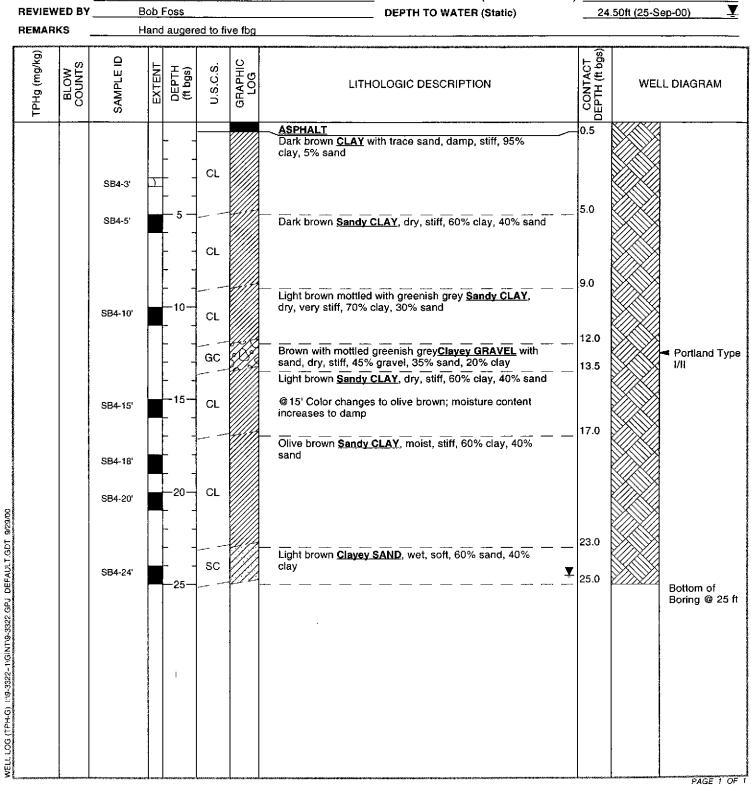
Boring Logs for B-4, B-5 and B-6

BORING/WELL LOG



Cambria Environmental Technology, Inc. 1144 - 65th St. Oakland, CA 94608 Telephone: (510) 420-0700 Fax: (510) 420-9170

CLIENT NAME	Chevron Products Company	BORING/WELL NAME SB4
JOB/SITE NAME	9-3322	DRILLING STARTED 25-Sep-00
LOCATION _	7225 Bancroft Ave, Oakland, CA	DRILLING COMPLETED 25-Sep-00
PROJECT NUMBER	31A-1806	WELL DEVELOPMENT DATE (YIELD) NA
DRILLER	V&W Drilling	GROUND SURFACE ELEVATION Not Surveyed
DRILLING METHOD _	Hydraulic push	TOP OF CASING ELEVATION Not Surveyed
BORING DIAMETER _	1.5"	SCREENED INTERVAL NA
LOGGED BY	Albert Simmons	DEPTH TO WATER (First Encountered) NA
REVIEWED BY	Bob Foss	DEPTH TO WATER (Static) 24.50ft (25-Sep-00)
DEMADKE	Uppd auggrad to five the	



BORING/WELL LOG



Cambria Environmental Technology, Inc. 1144 - 65th St. Oakland, CA 94608

Telephone: (510) 420-0700 Fax: (510) 420-9170

CLIENT NAME	Chevron Products Company	BORING/WELL NAME SB5
JOB/SITE NAME	9-3322	DRILLING STARTED 25-Sep-00
LOCATION	7225 Bancroft Ave, Oakland, CA	DRILLING COMPLETED 25-Sep-00
PROJECT NUMBER	31A-1806	WELL DEVELOPMENT DATE (YIELD) NA
DRILLER _	V&W Drilling	GROUND SURFACE ELEVATION Not Surveyed
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION Not Surveyed
BORING DIAMETER _	1.5"	SCREENED INTERVAL NA
LOGGED BY	Albert Simmons	DEPTH TO WATER (First Encountered) NA
REVIEWED BY	Bob Foss	DEPTH TO WATER (Static) 17.50ft (25-Sep-00)
		 ''

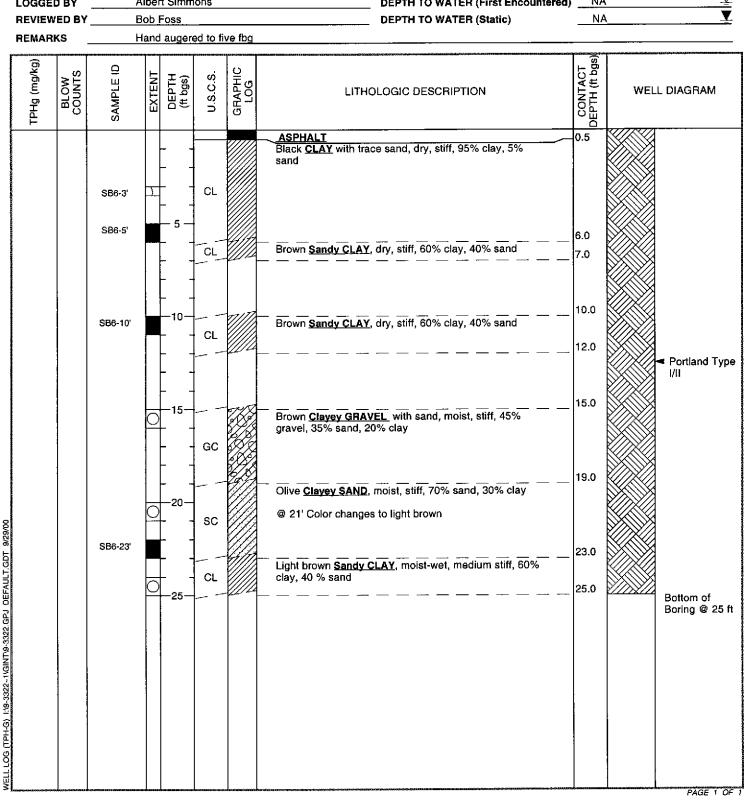
REMARKS Hand augered to five fbg CONTACT DEPTH (ft bgs) TPHg (mg/kg) GRAPHIC LOG BLOW U.S.C.S. EXTENT DEPTH (ft bgs) SAMPLE WELL DIAGRAM LITHOLOGIC DESCRIPTION <u>ASPHALT</u> 0.5 Black CLAY with trace sand, damp, stiff, 95% clay, 5% sand CL \$B5-3° 4.0 Light brown Sandy CLAY, dry, very stiff, 60% clay, 40% CL SB5-5' 6.0 @ 5' Color changes to dark brown 9.0 Light brown Sandy CLAY, dry, very stiff, 60% clay, 40% CL SB5-10^t Portland Type 14.0 Olive brown mottled with greenish grey Sandy CLAY with gravel, moist, stiff, 55% clay, 30% sand, 15% gravel CL 16.0 Olive <u>Clayey GRAVEL</u> with sand, wet, soft, 50% gravels, 35% sand, 15% clay SB5-16' Y GC SB5-20' 21.0 WELL LOG (TPH-G) 1:19-3322~11GINT/9-3322.GPJ DEFAULT.GDT 9/29/00 23.0 Olive Clayey SAND saturated, soft, 70% sand, 30% SC SB5-24^t 25.0 Bottom of Boring @ 25 ft PAGE 1 OF

BORING/WELL LOG



Cambria Environmental Technology, Inc. 1144 - 65th St. Oakland, CA 94608 Telephone: (510) 420-0700 Fax: (510) 420-9170

CLIENT NAME	Chevron Products Company	BORING/WELL NAME SB6
JOB/SITE NAME	9-3322	DRILLING STARTED 25-Sep-00
LOCATION	7225 Bancroft Ave, Oakland, CA	DRILLING COMPLETED 25-Sep-00
PROJECT NUMBER	31A-1806	WELL DEVELOPMENT DATE (YIELD) NA
DRILLER	V&W Drilling	GROUND SURFACE ELEVATION Not Surveyed
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION Not Surveyed
BORING DIAMETER	1.5"	SCREENED INTERVAL NA
LOGGED BY	Albert Simmons	DEPTH TO WATER (First Encountered) NA
REVIEWED BY	Bob Foss	DEPTH TO WATER (Static) NA



ATTACHMENT B

Analytic Report For

Soil and Groundwater Samples



10 October, 2000

Albert Simmons Cambria - San Ramon 2694 Bishop Drive Suite 105 San Ramon, CA 94583

RE: Chevron Sequoia Report W009643

Enclosed are the results of analyses for samples received by the laboratory on 26-Sep-00 13:53. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Charlie Westwater Project Manager

CA ELAP Certificate #1271



Cambria - San Ramon 2694 Bishop Drive Suite 105

San Ramon CA, 94583

Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

ANALYTICAL REPORT FOR SAMPLES

SB6-5' W009643-15 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-10' W009643-16 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-23' W009643-17 Soil 25-Sep-00 00:00 26-Sep-00 13:53 MW-2 W009643-18 Water 25-Sep-00 00:00 26-Sep-00 13:53 MW-3 W009643-19 Water 25-Sep-00 00:00 26-Sep-00 13:53	Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB4-10¹ W009643-03 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB4-15¹ W009643-04 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB4-18¹ W009643-05 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB4-20¹ W009643-06 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB4-24¹ W009643-07 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-3¹ W009643-08 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-5¹ W009643-09 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-10¹ W009643-10 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-20¹ W009643-11 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-20¹ W009643-12 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-3¹ W009643-13 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-3¹ W009643-14 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-3¹ W009643-15 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-10¹ W009643-16 Soil 2	SB4-3'	W009643-01	Soil	25-Sep-00 00:00	26-Sep-00 13:53
SB4-15' W009643-04 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB4-18' W009643-05 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB4-20' W009643-06 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB4-24' W009643-07 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-3' W009643-08 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-5' W009643-09 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-10' W009643-10 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-20' W009643-11 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-20' W009643-12 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-24' W009643-13 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-3' W009643-14 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-10' W009643-15 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-23' W009643-16 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-23' W009643-16 Soil <th< td=""><td>\$B4-5'</td><td>W009643-02</td><td>Soil</td><td>25-Sep-00 00:00</td><td>26-Sep-00 13:53</td></th<>	\$B4-5'	W009643-02	Soil	25-Sep-00 00:00	26-Sep-00 13:53
SB4-18' W009643-05 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB4-20' W009643-06 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB4-24' W009643-07 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-3' W009643-08 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-5' W009643-09 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-10' W009643-10 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-16' W009643-11 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-20' W009643-12 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-24' W009643-13 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-3' W009643-14 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-10' W009643-15 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-23' W009643-17 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-23' W009643-18 Water 25-Sep-00 00:00 26-Sep-00 13:53 SB6-23' W009643-18 Water <	SB4-10 ^t	W009643-03	Soil	25-Sep-00 00:00	26-Sep-00 13:53
SB4-20' W009643-06 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB4-24' W009643-07 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-3' W009643-08 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-5' W009643-09 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-10' W009643-10 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-16' W009643-11 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-20' W009643-12 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-24' W009643-13 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-3' W009643-14 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-5' W009643-15 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-10' W009643-16 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-23' W009643-17 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-23' W009643-18 Water 25-Sep-00 00:00 26-Sep-00 13:53 MW-2 W009643-19 Water 2	SB4-15'	W009643-04	Soil	25-Sep-00 00:00	26-Sep-00 13:53
SB4-24' W009643-07 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-3' W009643-08 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-5' W009643-09 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-10' W009643-10 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-16' W009643-11 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-20' W009643-12 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-24' W009643-13 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-3' W009643-14 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-5' W009643-15 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-10' W009643-16 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-23' W009643-17 Soil 25-Sep-00 00:00 26-Sep-00 13:53 MW-2 W009643-18 Water 25-Sep-00 00:00 26-Sep-00 13:53 MW-3 W009643-19 Water 25-Sep-00 00:00 26-Sep-00 13:53	SB4-18 ^t	W009643-05	Soil	25-Sep-00 00:00	26-Sep-00 13:53
SB5-3' W009643-08 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-5' W009643-09 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-10' W009643-10 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-16' W009643-11 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-20' W009643-12 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-24' W009643-13 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-3' W009643-14 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-10' W009643-15 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-23' W009643-16 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-23' W009643-17 Soil 25-Sep-00 00:00 26-Sep-00 13:53 MW-2 W009643-18 Water 25-Sep-00 00:00 26-Sep-00 13:53 MW-3 W009643-19 Water 25-Sep-00 00:00 26-Sep-00 13:53	SB4-20 ^t	W009643-06	Soil	25-Sep-00 00:00	26-Sep-00 13:53
SB5-5' W009643-09 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-10' W009643-10 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-16' W009643-11 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-20' W009643-12 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-24' W009643-13 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-3' W009643-14 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-5' W009643-15 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-10' W009643-16 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-23' W009643-17 Soil 25-Sep-00 00:00 26-Sep-00 13:53 MW-2 W009643-18 Water 25-Sep-00 00:00 26-Sep-00 13:53 MW-3 W009643-19 Water 25-Sep-00 00:00 26-Sep-00 13:53	SB4-24'	W009643-07	Soil	25-Sep-00 00:00	26-Sep-00 13:53
SB5-10' W009643-10 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-16' W009643-11 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-20' W009643-12 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-24' W009643-13 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-3' W009643-14 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-5' W009643-15 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-10' W009643-16 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-23' W009643-17 Soil 25-Sep-00 00:00 26-Sep-00 13:53 MW-2 W009643-18 Water 25-Sep-00 00:00 26-Sep-00 13:53 MW-3 W009643-19 Water 25-Sep-00 00:00 26-Sep-00 13:53	SB5-3'	W009643-08	Soil	25-Sep-00 00:00	26-Sep-00 13:53
SB5-16' W009643-11 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-20' W009643-12 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-24' W009643-13 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-3' W009643-14 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-5' W009643-15 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-10' W009643-16 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-23' W009643-17 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-23' W009643-17 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-23' W009643-18 Water 25-Sep-00 00:00 26-Sep-00 13:53 MW-2 W009643-19 Water 25-Sep-00 00:00 26-Sep-00 13:53 MW-3	SB5-5'	W009643- 09	Soil	25-Sep-00 00:00	26-Sep-00 13:53
SB5-20' W009643-12 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB5-24' W009643-13 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-3' W009643-14 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-5' W009643-15 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-10' W009643-16 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-23' W009643-17 Soil 25-Sep-00 00:00 26-Sep-00 13:53 MW-2 W009643-18 Water 25-Sep-00 00:00 26-Sep-00 13:53 MW-3 W009643-19 Water 25-Sep-00 00:00 26-Sep-00 13:53	SB5-10'	W009643-10	Soil	25-Sep-00 00:00	26-Sep-00 13:53
SB5-24' W009643-13 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-3' W009643-14 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-5' W009643-15 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-10' W009643-16 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-23' W009643-17 Soil 25-Sep-00 00:00 26-Sep-00 13:53 MW-2 W009643-18 Water 25-Sep-00 00:00 26-Sep-00 13:53 MW-3 W009643-19 Water 25-Sep-00 00:00 26-Sep-00 13:53	SB5-16'	W009643-11	Soil	25-Sep-00 00:00	26-Sep-00 13:53
SB6-3' W009643-14 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-5' W009643-15 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-10' W009643-16 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-23' W009643-17 Soil 25-Sep-00 00:00 26-Sep-00 13:53 MW-2 W009643-18 Water 25-Sep-00 00:00 26-Sep-00 13:53 MW-3 W009643-19 Water 25-Sep-00 00:00 26-Sep-00 13:53	SB5-20'	W009643-12	Soil	25-Sep-00 00:00	26-Sep-00 13:53
SB6-5' W009643-15 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-10' W009643-16 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-23' W009643-17 Soil 25-Sep-00 00:00 26-Sep-00 13:53 MW-2 W009643-18 Water 25-Sep-00 00:00 26-Sep-00 13:53 MW-3 W009643-19 Water 25-Sep-00 00:00 26-Sep-00 13:53	SB5-24'	W009643-13	Soil	25-Sep-00 00:00	26-Sep-00 13:53
SB6-10' W009643-16 Soil 25-Sep-00 00:00 26-Sep-00 13:53 SB6-23' W009643-17 Soil 25-Sep-00 00:00 26-Sep-00 13:53 MW-2 W009643-18 Water 25-Sep-00 00:00 26-Sep-00 13:53 MW-3 W009643-19 Water 25-Sep-00 00:00 26-Sep-00 13:53	SB6-3'	W009643-14	Soil	25-Sep-00 00:00	26-Sep-00 13:53
SB6-23' W009643-17 Soil 25-Sep-00 00:00 26-Sep-00 13:53 MW-2 W009643-18 Water 25-Sep-00 00:00 26-Sep-00 13:53 MW-3 W009643-19 Water 25-Sep-00 00:00 26-Sep-00 13:53	SB6-5'	W009643-15	Soil	25-Sep-00 00:00	26-Sep-00 13:53
MW-2 W009643-18 Water 25-Sep-00 00:00 26-Sep-00 13:53 MW-3 W009643-19 Water 25-Sep-00 00:00 26-Sep-00 13:53	SB6-10'	W009643-16	Soil	25-Sep-00 00:00	26-Sep-00 13:53
MW-3 W009643-19 Water 25-Sep-00 00:00 26-Sep-00 13:53	SB6-23'	W009643-17	Soil	25-Sep-00 00:00	26-Sep-00 13:53
	MW-2	W009643-18	Water	25-Sep-00 00:00	26-Sep-00 13:53
MW-7 W009643-20 Water 25-Sep-00 00:00 26-Sep-00 13:53	MW-3	W009643-19	Water	25-Sep-00 00:00	26-Sep-00 13:53
	MW-7	W009643-20	Water	25-Sep-00 00:00	26-Sep-00 13:53

Sequoia Analytical - Walnut Creek

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The results in this report apply to the samples analyzed in accordance with the chain of

Charlie Westwater, Project Manager



Project: Chevron

2694 Bishop Drive Suite 105 San Ramon CA, 94583

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB4-3' (W009643-01) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-0	0 13:53			–		
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0128006	30-Sep-00	30-Sep-00	DHS LUFT	
Benzene	ND	0.0050	**	"	11	**	"	1)	CC-
Toluene	ND	0.0050	"	rt	11	*	**	**	CC-
Ethylbenzene	ND	0.0050	ш	ш	**	U	tt.	711	
Xylenes (total)	0.014	0.0050	н	11	**	"	II .	71	CC-3
Surrogate: a,a,a-Trifluoroto	luene	104 %	40-	-140	"	u .	"	"	
SB4-5' (W009643-02) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-0	0 13:53					
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0128006	30-Sep-00	30-Sep-00	DHS LUFT	
Benzene	ND	0.0050	"	17	**	ıı Î	*	и	CC-3
Toluene	ND	0.0050	**	RT	п	IJ	11	ii .	CC-3
Ethylbenzene	ND	0.0050	11	II.	ш	II	и	**1	
Xylenes (total)	ND	0.0050	n	**	U	"	"	**	CC-3
Surrogate: a,a,a-Trifluoroto	luene	105 %	40-	140	н.	n	и	"	
SB4-10' (W009643-03) Soil	Sampled: 25-Sep-00 00:00	Received	: 26-Sep-	00 13:53					
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0128006	30-Sep-00	04-Oct-00	DHS LUFT	
Benzene	ND	0.0050	"	II	11	11	п	**	
Toluene	ND	0.0050	п	п	n	**	11	It	
Ethylbenzene	ND	0.0050	"	II .	***	**	U	R	
Xylenes (total)	ND	0.0050	II .	n	11	11	II.	н	
Surrogate: a,a,a-Trifluorotol	luene	92.3 %	40-	140	"	ll.	"	"	
SB4-15' (W009643-04) Soil	Sampled: 25-Sep-00 00:00	Received	: 26-Sep-	00 13:53					P-01
Purgeable Hydrocarbons	58	5.0	mg/kg	100	0I28006	30-Sep-00	04-Oct-00	DHS LUFT	
Benzene	0.14	0.025	0	**	tτ	ı, Î	Ħ	п	
Toluene	0.24	0.025	"	***	**	II .	u	n	
Ethylbenzene	0.33	0.025	"	17	ч		11	11	
Xylenes (total)	0.86	0.025	"	11	п	II	п	•	
Surrogate: a,a,a-Trifluorotol	luene	106 %	40-	140	"	"	"	"	



Project: Chevron

2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB4-18' (W009643-05) Soil	Sampled: 25-Sep-00 00:00	Received	26-Sep-	00 13:53				·	P-01
Purgeable Hydrocarbons	96	20	mg/kg	400	0128006	30-Sep-00	04-Oct-00	DHS LUFT	
Benzene	0.25	0.10	н	п	**	u	n	n	
Toluene	0.62	0.10	u	u	**	II .	n	**	
Ethylbenzene	1.3	0.10	п	II .	H	II	**	**	
Xylenes (total)	5.7	0.10	h	п	H	II .	51	**	
Surrogate: a,a,a-Trifluorotoli	iene	173 %	40-	140	"	n	"	"	S-04
SB4-20' (W009643-06) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-	00 13:53					P-01
Purgeable Hydrocarbons	21	5.0	mg/kg	100	0128006	30-Sep-00	04-Oct-00	DHS LUFT	
Benzene	0.25	0.025	**	**	17	***	**	11	
Toluene	0.58	0.025	**	**	II .	Ħ	u	п	
Ethylbenzene	0.25	0.025	**	**	11	н	11	ji	
Xylenes (total)	1.3	0.025	H	**	u	**	"	79	
Surrogate: a,a,a-Trifluorotolu	iene	94.7 %	40-	140	"	"	"	н	
SB4-24' (W009643-07) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-	00 13:53					
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0128006	30-Sep-00	30-Sep-00	DHS LUFT	
Benzene	ND	0.0050	TF	"	II .	tt	II .	н	CC-3
Toluene	ND	0.0050	**	**	п	п	п	11	CC-3
Ethylbenzene	ND	0.0050	**	**	11	u	"	**	
Xylenes (total)	0.017	0.0050	**	"	"	11	"	**	CC-3
Surrogate: a,a,a-Trifluorotolu	iene	98.0 %	40-	140	"	п	"	n	
SB5-3' (W009643-08) Soil	Sampled: 25-Sep-00 00:00	Received: 2	26-Sep-0	0 13:53					
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0J02003	02-Oct-00	02-Oct-00	DHS LUFT	·
Benzene	0.0081	0.0050	п	ú	ч	п	***	11	CC-3
Toluene	0.0094	0.0050	и	п	н	II	Ħ	u	
Ethylbenzene	0.012	0.0050	u .		"	11	"	11	
Xylenes (total)	0.014	0.0050	п	II	n	U	u	н	CC-3



2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

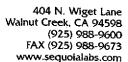
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB5-5' (W009643-09) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep <i>-</i> 0	0 13:53					
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0Л02003	02-Oct-00	02-Oct-00	DHS LUFT	
Benzene	0.0051	0.0050	**	n	II	17	**	IJ	CC-3
Toluene	0.0052	0.0050	"	II.		••	"	п	
Ethylbenzene	0.010	0.0050	**	"	я	11	11	н	
Xylenes (total)	0.016	0.0050	H	"	41	Ħ	II	11	CC-3
Surrogate: a,a,a-Trifluorotoi	luene	100 %	40-	140	"	"	"	"	, , , , , , , , , , , , , , , , , , , ,
SB5-10' (W009643-10) Soil	Sampled: 25-Sep-00 00:00	Received	: 26-Sep-	00 13:53					
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0J02003	02-Oct-00	02-Oct-00	DHS LUFT	
Benzene	ND	0.0050	"	"	71	II .	II .	n	CC-3
Toluene	ND	0.0050	II .	II .	**	n	H	**	
Ethylbenzene	ND	0.0050	**	n	**	D	**	**	
Xylenes (total)	0.016	0.0050	**	D	**	"	03-Oct-00	ч	
Surrogate: a,a,a-Trifluorotoi	luene	99.0 %	40-	140	"	"	02-Oct-00	#	911 11 Table
SB5-16' (W009643-11) Soil	Sampled: 25-Sep-00 00:00	Received	: 26-Sep-	00 13:53					P-01
Purgeable Hydrocarbons	65	13	mg/kg	250	0J02003	02-Oct-00	02-Oct-00	DHS LUFT	
Benzene	0.22	0.063	11	*	n n	n		п	CC-3
Toluene	0.27	0.063	16	**	и	п	11	n	
Ethylbenzene	0.34	0.063	71	57	п	n	"	п	
Xylenes (total)	0.77	0.063	11	11	п	11	**	п	CC-3
Surrogate: a,a,a-Trifluorotoi	luene	128 %	40-	140	"	"	n	п	
SB5-20' (W009643-12) Soil	Sampled: 25-Sep-00 00:00	Received	: 26-Sep-	00 13:53					P-01
Purgeable Hydrocarbons	19	1.0	mg/kg	20	0J02003	02-Oct-00	02-Oct-00	DHS LUFT	
Benzene	0.079	0.0050	**	17	н	**	"	11	CC-3
Toluene	0.099	0.0050	**	н	n	#	41	n	
Ethylbenzene	0.083	0.0050	**	**	"	77	"	**	
Xylenes (total)	0.21	0.0050	**	**	n	#	11	**	CC-3



Project: Chevron

2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB5-24' (W009643-13) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-	00 13:53					P-01
Purgeable Hydrocarbons	1400	100	mg/kg	2000	0J02003	02-Oct-00	02-Oct-00	DHS LUFT	·
Benzene	3.1	0.50	**	Ħ	FF	н	**	11	CC-3
Toluene	10	0.50	**	II .	**	**	**	II .	
Ethylbenzene	28	0.50	**	n		#	н	n	
Xylenes (total)	150	0.50	ir	"	II .	"	II	11	CC-3
Surrogate: a,a,a-Trifluorotoli	uene	%	40-	-140	"	"	"	"	S-01
SB6-3' (W009643-14) Soil	Sampled: 25-Sep-00 00:00	Received: 2	26-Sep-0	0 13:53					
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0J02003	02-Oct-00	02-Oct-00	DHS LUFT	
Benzene	ND	0.0050	ii.	u	11	**	"	**	CC-3
Toluene	ND	0.0050	11	и	**	*1	**	**	
Ethylbenzene	ND	0.0050	11	u	**	tr	ts .	**	
Xylenes (total)	ND	0.0050	**	II .	17	п	tt	α	CC-3
Surrogate: a,a,a-Trifluorotoli	uene	104 %	40-	140	"	"	"	"	
SB6-5' (W009643-15) Soil	Sampled: 25-Sep-00 00:00	Received: 2	26-Sep-0	0 13:53					
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0J02003	02-Oct-00	02-Oct-00	DHS LUFT	
Benzene	ND	0.0050	11	**	11	þ	**	,,	CC-3
Toluene	ND	0.0050	**	*	11	n	Ħ	11	
Ethylbenzene	ND	0.0050	**	II	lt	11	н	**	
Xylenes (total)	ND	0.0050	**	17	ít	11	u	**	CC-3
Surrogate: a,a,a-Trifluorotoli	uene	105 %	40-	140	"	п	"	"	
SB6-10' (W009643-16) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-	00 13:53					
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0J02003	02-Oct-00	02-Oct-00	DHS LUFT	
Benzene	ND	0.0050	11	**	h	н	ii	н	CC-3
Toluene	ND	0.0050	ti .	"	11	**	II	и	
Ethylbenzene	ND	0.0050		"	"	W.	n .	71	
Xylenes (total)	ND	0.0050		"	II .	11	п	**	CC-3
Surrogate: a,a,a-Trifluorotoli	uene	103 %	40-	140	"	"	ŋ	u .	





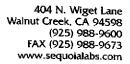
2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

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

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB6-23' (W009643-17) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-	00 13:53			-		
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0J02003	02-Oct-00	02-Oct-00	DHS LUFT	
Benzene	ND	0.0050	17	17	Ħ	n	tt	**	CC-3
Toluene	ND	0.0050	***	77	If	ц	п	11	
Ethylbenzene	ND	0.0050	11	. "	11	11	п	**	
Xylenes (total)	ND	0.0050	**	#	"	п	ш	**	CC-3
Surrogate: a,a,a-Trifluorotolu	ene	106 %	40-	140	п	n	"	. "	
MW-2 (W009643-18) Water	Sampled: 25-Sep-00 00:00	Received	d: 26-Sep	-00 13:53					P-01
Purgeable Hydrocarbons	5400	250	ug/l	5	0J10006	30-Sep-00	30-Sep-00	DHS LUFT	
Benzene	38	2.5	п	n	н	n	#	"	CC-3
Toluene	17	2.5	"	"	**	**	н	.,	
Ethylbenzene	470	2.5	"	IT	"	a	II	*1	
Xylenes (total)	730	2.5	11	17	19	п	μ	***	
Surrogate: a,a,a-Trifluorotolu	ene	110 %	70-	130	"	n	"	"	
MW-3 (W009643-19) Water	Sampled: 25-Sep-00 00:00	Received	l: 26-Sep	-00 13:53					P-01
Purgeable Hydrocarbons	24000	5000	ug/l	100	0J04003	04-Oct-00	04-Oct-00	DHS LUFT	
Benzene	1500	50	n n	II .	n	н	n	**	
Toluene	560	50		н	"	11	"		
Ethylbenzene	1500	50	"	н	**	**	Ħ	IT	
Xylenes (total)	5700	50	**	**	**	TT	Ħ	11	
Surrogate: a,a,a-Trifluorotolue	ene	92.0 %	70-	130	"	"	"	"	
MW-7 (W009643-20) Water	Sampled: 25-Sep-00 00:00	Received	l: 26-Sep	-00 13:53					P-01
Purgeable Hydrocarbons	4100	500	ug/I	10	0J10006	30-Sep-00	30-Sep-00	DHS LUFT	
Benzene	2000	5.0	"	**	*1	"	"	II .	CC-3
Toluene	1600	5.0	IF	"	lı .	п	11	п	
Ethylbenzene	180	5.0	и	н	ч	11	**	n	
Xylenes (total)	670	5.0	п	u	п	**	tr	11	
Surrogate: a,a,a-Trifluorotolue	ene	104 %	70-	130	rr -	"	"	n	~_~ ^ ^



2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB4-3' (W009643-01) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-0	0 13:53					
Mercury	0.037	0.010	mg/kg	1	0J04014	04-Oct-00	04-Oct-00	EPA 7471A	
Antimony	ND	5.0		II	0130001	30-Sep-00	02-Oct-00	EPA 6010A	-
Arsenic	ND	5.0	11	IJ	u	IJ	и	rt	
Barium	140	0.50	н	11	II .	ij	02-Oct-00	н	
Beryllium	ND	0.50		11	II .	n	02-Oct-00	н	
Cadmium	ND	0.50	11	11	11	11	02-Oct-00	31	
Chromium	26	0.50	"	**	п	11	02-Oct-00	**	
Cobalt	21	0.50	**	**	"	#	02-Oct-00	19	
Copper	38	0.50	**	Ħ	**	**	02-Oct-00	**	
Lead	3.0	1.0	er	1/	**	**	02-Oct-00	п	
Molybdenum	ND	0.50	н	77	**	*1	02-Oct-00	п	
Nickel	28	1.0	11	**	**	ęı	02-Oct-00	п	
Selenium	ND	5.0	11	**	rt	*1	02-Oct-00	п	
Silver	1.3	0.50	**	**	11	B	02-Oct-00	п	
Thallium	12	10	**	Ħ	IJ	11	02-Oct-00	п	
Vanadium	84	0.50	**	"	79	"	02-Oct-00	n	
Zinc	19	1.0	**	u	••	ŧr	02-Oct-00	n .	
SB4-5' (W009643-02) Soil	Sampled: 25-Sep-00 00:00		26-Sen-0	0 13-53					
Mercury	0.17	0.010	mg/kg	1	0J04014	04-Oct-00	04-Oct-00	EPA 7471A	
Antimony	ND	5.0	III GARG		0I30001	30-Sep-00	02-Oct-00	EPA 6010A	
Arsenic	ND	5.0	п	п	"	н	11	*	
Barium	120	0.50	п	11	u	ш	02-Oct-00	er .	
Beryllium	ND	0.50		11	ц	"	02-Oct-00	u .	
Cadmium	ND	0.50	п	II	п	и	02-Oct-00	11	
Chromium	40	0.50	11	IJ	н	n	02-Oct-00	·	
Cobalt	18	0.50	п		п	u	02-Oct-00	.,	
Copper	37	0.50	п	n	п	"	02-Oct-00	11	
Lead	6.9	1.0	п	11	п	п	02-Oct-00	11	
Molybdenum	ND	0.50	"	**	п		02-Oct-00	D	
Nickel	37	1.0	н	**	п	.,	02-Oct-00	27	
Selenium	ND	5.0	li,	н	u	U	02-Oct-00	71	
Silver	0.82	0.50	"	**	п	1)	02-Oct-00 02-Oct-00	71	
Thallium	13	10	**	**	n	,,	02-Oct-00	**	
Vanadium	91	0.50	n	**	n	n	02-Oct-00 02-Oct-00	11	
Zinc	40	1.0	"	**	n	11		*1	
Zinc	40	1.0					02-Oct-00		



2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Aпalyzed	Method	Notes
SB4-10' (W009643-03) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-	00 13:53					
Mercury	0.18	0.010	mg/kg	1	0J04014	04-Oct-00	04-Oct-00	EPA 7471A	······································
Antimony	ND	5.0	Ħ	IJ	0I30001	30-Sep-00	02-Oct-00	EPA 6010A	
Arsenic	ND	5.0	H	"	**	"	02-Oct-00	п	
Barium	120	0.50	17	н	7.0	"	02-Oct-00	ц	
Beryllium	ND	0.50	"	11	ш	† †	02-Oct-00	п	
Cadmium	ND	0.50	"	**	u	**	02-Oct-00	п	
Chromium	37	0.50	**	**	ш	н	02-Oct-00	n	
Cobalt	20	0.50	rr	**	ш ,	II	02-Oct-00	**	
Copper	52	0.50	ц	"	п	п	02-Oct-00	**	
Lead	4.0	1.0	"	"	11	п	02-Oct-00	**	
Molybdenum	ND	0.50	п	11	"	II	02-Oct-00	If	
Nickel	53	1.0	п	**	**	II .	02-Oct-00	11	
Selenium	ND	5.0	"	**	**	n	02-Oct-00	"	
Silver	0.68	0.50	"	n	n	"	02-Oct-00	**	
Thallium	15	10	n	r r	U	77	02-Oct-00	"	
Vanadium	100	0.50	**	и	"	**	02-Oct-00	"	
Zinc	31	1.0	•	п	11	**	02-Oct-00	п	
SB4-15' (W009643-04) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-	00 13:53					
Mercury	0.088	0.010	mg/kg	1	0Ј04014	04-Oct-00	04-Oct-00	EPA 7471A	
Antimony	ND	5.0	"	n	0130001	30-Sep-00	02-Oct-00	EPA 6010A	
Arsenic	ND	5.0	n	U	u	'n	02-Oct-00	n .	
Barium	160	0.50	**	11	п	n	02-Oct-00	"	
Beryllium	ND	0.50	**	"	п	11	02-Oct-00	11	
Cadmium	ND	0.50	**	11	u	ţr	02-Oct-00	"	
Chromium	44	0.50	**	11	п	п	02-Oct-00	**	
Cobalt	14	0.50	u	**	n	ш	02-Oct-00	17	
Copper	30	0.50	**	11	n	ш	02-Oct-00	11	
Lead	7.5	1.0	п	IP	п	п	02-Oct-00	**	
Molybdenum	ND	0.50	п	**	n	ĮI.	02-Oct-00	**	
Nickel	54	1.0	и	"	"	II .	02-Oct-00	п	
Selenium	ND	5.0	п	**	п	II	02-Oct-00	"	
Silver	1.7	0.50	п	11	"	II .	02-Oct-00	"	
Thallium	ND	10		19	n	U	"	11	
Vanadium	46	0.50	II .	11	n	D	02-Oct-00	н	
Zinc	44	1.0	II	"	11	11	02-Oct-00	Tf .	



2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

SB4-18' (W009643-05) Soil Sampled: 25-Sep-00 00:00 Received: 26-Sep-00 13:53			D	•						
Mercury	Analyte			Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Antimony ND 5.0 " " 0130001 30-Sep-00 02-Oct-00 EPA 6010A Arsenic ND 5.0 " " " 0130001 30-Sep-00 02-Oct-00 " " " " " 884711111111111111111111111111111111111	SB4-18' (W009643-05) Soil	Sampled: 25-Sep-00 00:00	Received	26-Sep-	00 13:53					
Arsenic ND 5.0 " " " " " " " " " " " " " " " " " " 02-Oct-00 " " 02-Oct	Mercury		0.010	mg/kg	1	0J04014	04-Oct-00	04-Oct-00	EPA 7471A	
Barium 200 0.50 " " " 02-Oct-00 " Beryllium ND 0.50 " " " 02-Oct-00 " Cadmium ND 0.50 " " " 02-Oct-00 " Chromium 47 0.50 " " " 02-Oct-00 " Cobalt 16 0.50 " " " 02-Oct-00 " Copper 30 0.50 " " " 02-Oct-00 " Lead 8.2 1.0 " " " 02-Oct-00 " Molybdenum ND 0.50 " " " 02-Oct-00 " Nickel 56 1.0 " " " 02-Oct-00 " Silver ND 0.50 " " " 02-Oct-00 " Thallium 17 10 " " " 02-Oct-00 </td <td>Antimony</td> <td>ND</td> <td>5.0</td> <td>u</td> <td>17</td> <td>0130001</td> <td>30-Sep-00</td> <td>02-Oct-00</td> <td>EPA 6010A</td> <td></td>	Antimony	ND	5.0	u	17	0130001	30-Sep-00	02-Oct-00	EPA 6010A	
Beryllium	Arsenic	ND	5.0	"	n	II .	u	Ir	**	
Cadmium ND 0.50 " " " Q2-Oct-00 " Chromium 47 0.50 " " " Q2-Oct-00 " Cobalt 16 0.50 " " " Q2-Oct-00 " Copper 30 0.50 " " " Q2-Oct-00 " Lead 8.2 1.0 " " " Q2-Oct-00 " Molybdenum NID 0.50 " " " Q2-Oct-00 " Nickel 56 1.0 " " " Q2-Oct-00 " Selenium NID 0.50 " " " Q2-Oct-00 " Silver NID 0.50 " " " Q2-Oct-00 " Vanadium 17 10 " " " Q2-Oct-00 " SB4-20' (W009643-06) Soil Samplet: 25-Sep-00 00:00 Receivet: 26-Sep-00 13:53 "	Barium	200	0.50	п	u	**	п	02-Oct-00	u	
Chromium 47 0.50 " " " " 02-Oct-00 " Cobalt 16 0.50 " " " " 02-Oct-00 " Copper 30 0.50 " " " 02-Oct-00 " Lead 8.2 1.0 " " " 02-Oct-00 " Molybdenum ND 0.50 " " " 02-Oct-00 " Nickel 56 1.0 " " " 02-Oct-00 " Silver ND 0.50 " " " 02-Oct-00 " Silver ND 0.50 " " " 02-Oct-00 " Thallium 17 10 " " " 02-Oct-00 " Zinc 48 1.0 " " " 02-Oct-00 " SB4-20' (W009643-06) Soil Sampled: 25-Sep-00 00:0 Received:	Beryllium	ND	0.50	"	II	n	II	02-Oct-00	п	
Cobalt 16 0.50 " " " 02-Oct-00 " Copper 30 0.50 " " " 02-Oct-00 " Lead 8.2 1.0 " " " 02-Oct-00 " Molybdenum ND 0.50 " " " 02-Oct-00 " Nickel 56 1.0 " " " 02-Oct-00 " Selenium ND 0.50 " " " 02-Oct-00 " Silver ND 0.50 " " " 02-Oct-00 " Thallium 17 10 " " " 02-Oct-00 " Zinc 48 1.0 " " " 02-Oct-00 " SB4-20' (W009643-06) Soil Sampled: 25-Sep-00 00:00 Received: 26-Sep-00 13:53 " " 02-Oct-00 EPA 7471A Mercury 0.10 0.010 mg/kg <th< td=""><td>Cadmium</td><td>ND</td><td>0.50</td><td>17</td><td>II</td><td>"</td><td>II</td><td>02-Oct-00</td><td>II .</td><td></td></th<>	Cadmium	ND	0.50	17	II	"	II	02-Oct-00	II .	
Copper	Chromium	47	0.50	н	ii ii	**	**	02-Oct-00	п	
Molybdenum ND 0.50 " " " " 02-Oet-00 " Molybdenum ND 0.50 " " " " 02-Oet-00 " Nickel 56 1.0 " " " " 02-Oet-00 " Nickel 56 1.0 " " " " 02-Oet-00 " Nickel 56 1.0 " " " " 02-Oet-00 " Nickel ND 0.50 " " " " 02-Oet-00 " NI O2-Oet-00 " NI O2-Oet-00 " O2-Oet-00 O2-Oet-	Cobalt	16	0.50	н	и	**	**	02-Oct-00	и	
Molybdenum ND 0.50 """"""""""""""""""""""""""""""""""""	Copper	30	0.50	"	п	Ħ	**	02-Oct-00	11	
Nickel 56 1.0 " " " 02-Oct-00 " Selenium ND 5.0 " " " 02-Oct-00 " Silver ND 0.50 " " " 02-Oct-00 " Thallium 17 10 " " " 02-Oct-00 " Vanadium 49 0.50 " " " 02-Oct-00 " Zinc 48 1.0 " " 01-Oct-00 4-Oct-00 EPA 7471A Amount ND 5.0 " " " 02-Oct-00	Lead	8.2	1.0	**	u,	n	**	02-Oct-00	11	
Selenium ND 5.0 " " " " 02-Oet-00 " Silver ND 0.50 " " " " 02-Oet-00 " Thallium 17 10 " " " 02-Oet-00 " Vanadium 49 0.50 " " " 02-Oet-00 " Zinc 48 1.0 " " " 02-Oet-00 " SB4-20' (W009643-06) Soil Sampled: 25-Sep-00 00:00 Received: 26-Sep-00 13:53 " " 010-00 04-Oet-00 04-Oet-00 EPA 7471A Antimony ND 5.0 " " 0130001 30-Sep-00 02-Oet-00 EPA 6010A Arsenic ND 5.0 " 20-Oet-00 " "	Molybdenum	ND	0.50	**	11	u	"	02-Oct-00	11	
ND 5.0 " " " " 02-Oct-00 " ND Silver ND 0.50 " " " " 02-Oct-00 " ND 0.50 " " " " 02-Oct-00 " ND ND ND ND ND ND ND	Nickel	56	1.0	**	*1		11	02-Oct-00	**	
Thallium	Selenium	ND	5.0	н	**	u	71	02-Oct-00	**	
Vanadium 49 0.50 " " " " 02-Oct-00 " Zinc 48 1.0 " " " " 02-Oct-00 " SB4-20' (W009643-06) Soil Sampled: 25-Sep-00 00:00 Received: 26-Sep-00 13:53 Mecury 0.10 0.010 mg/kg 1 0J04014 04-Oct-00 EPA 7471A Antimony ND 5.0 " " 0130001 30-Sep-00 02-Oct-00 EPA 7471A Antimony ND 5.0 " " 0130001 30-Sep-00 02-Oct-00 EPA 6010A Arsenic ND 5.0 "	Silver	ND	0.50	n	tr	н	11	02-Oct-00	N	
Vanadium 49 0.50 " " " " 02-Oct-00 " Zinc 48 1.0 " " " " 02-Oct-00 " SB4-20' (W009643-06) Soil Sampled: 25-Sep-00 00:00 Received: 26-Sep-00 13:53 Sep-00 13:53 Mercury 0.10 0.010 mg/kg 1 0J04014 04-Oct-00 EPA 7471A Antimony ND 5.0 " " 0130001 30-Sep-00 02-Oct-00 EPA 6010A Arsenic ND 5.0 "	Thallium	17	10	"	**	11	77	02-Oct-00	H	
Table Final Process Table Tabl	Vanadium	49		**	**	11	**		n	
Mercury 0.10 0.010 mg/kg 1 0J04014 04-Oct-00 6PA 7471A Antimony ND 5.0 " " 0I30001 30-Sep-00 02-Oct-00 EPA 6010A Arsenic ND 5.0 " " " " " " " " " " " " " " " " " 02-Oct-00 " " " " 02-Oct-00 " " " " " 02-Oct-00 " " " " 02-Oct-00 " " " " " 02-Oct-00 " " " " " 02-Oct-00 " " " " " " 02-Oct-00 " <t< td=""><td>Zinc</td><td>48</td><td></td><td>**</td><td>11</td><td>11</td><td>57</td><td></td><td>***</td><td></td></t<>	Zinc	48		**	11	11	57		***	
Mercury 0.10 0.010 mg/kg 1 0J04014 04-Oct-00 6PA 7471A Antimony ND 5.0 " " 0I30001 30-Sep-00 02-Oct-00 EPA 6010A Arsenic ND 5.0 " " " " " " " " " " " " " " " " " " 02-Oct-00 " " " " " 02-Oct-00 " " " " " 02-Oct-00 " " " " 02-Oct-00 " " " " " 02-Oct-00 " " " " " " 02-Oct-00 "	SB4-20' (W009643-06) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-	00 13:53					
Antimony ND 5.0 " " 0130001 30-Sep-00 02-Oct-00 EPA 6010A Arsenic ND 5.0 " " " 0130001 30-Sep-00 02-Oct-00 EPA 6010A Arsenic ND 5.0 " " " 02-Oct-00 " Beryllium ND 0.50 " " " 02-Oct-00 " Cadmium ND 0.50 " " " 02-Oct-00 " Chromium 46 0.50 " " " 02-Oct-00 " Cobalt 14 0.50 " " " 02-Oct-00 " Copper 36 0.50 " " " " 02-Oct-00 " Lead 6.6 1.0 " " " 02-Oct-00 " Molybdenum ND 0.50 " " " " 02-Oct-00 " Nickel 56 1.0 " " " " 02-Oct-00 " Selenium ND 5.0 " " " " 02-Oct-00 " Selenium ND 5.0 " " " " 02-Oct-00 " Silver " " " 02-Oct-00 "	·	· · · · · · · · · · · · · · · · · · ·				0J04014	04-Oct-00	04-Oct-00	EPA 7471A	
Arsenic ND 5.0 "	•									
Barium 160 0.50 " " " " 02-Oct-00 " Beryllium ND 0.50 " " " 02-Oct-00 " Cadmium ND 0.50 " " " 02-Oct-00 " Chromium 46 0.50 " " " 02-Oct-00 " Cobalt 14 0.50 " " " 02-Oct-00 " Copper 36 0.50 " " " 02-Oct-00 " Lead 6.6 1.0 " " " 02-Oct-00 " Molybdenum ND 0.50 " " " 02-Oct-00 " Nickel 56 1.0 " " " 02-Oct-00 " Selenium ND 5.0 " " " 02-Oct-00 " Silver 1.8 0.50 " " "	•			н	**		-			
Beryllium ND 0.50 " " " 02-Oct-00 " Cadmium ND 0.50 " " " 02-Oct-00 " Chromium 46 0.50 " " " 02-Oct-00 " Cobalt 14 0.50 " " " 02-Oct-00 " Copper 36 0.50 " " " 02-Oct-00 " Lead 6.6 1.0 " " " 02-Oct-00 " Molybdenum ND 0.50 " " " 02-Oct-00 " Nickel 56 1.0 " " " 02-Oct-00 " Selenium ND 5.0 " " " 02-Oct-00 " Silver 1.8 0.50 " " " 02-Oct-00 "				н	11	**	п	02-Oct-00	п	
Cadmium ND 0.50 " " " " 02-Oct-00 " Chromium 46 0.50 " " " 02-Oct-00 " Cobalt 14 0.50 " " " 02-Oct-00 " Copper 36 0.50 " " " 02-Oct-00 " Lead 6.6 1.0 " " " 02-Oct-00 " Molybdenum ND 0.50 " " " 02-Oct-00 " Nickel 56 1.0 " " " 02-Oct-00 " Selenium ND 5.0 " " " 02-Oct-00 " Silver 1.8 0.50 " " " " 02-Oct-00 "				п	**	**	ıı .		n .	
Chromium 46 0.50 " " " 02-Oct-00 " Cobalt 14 0.50 " " " 02-Oct-00 " Copper 36 0.50 " " " 02-Oct-00 " Lead 6.6 1.0 " " " 02-Oct-00 " Molybdenum ND 0.50 " " " 02-Oct-00 " Nickel 56 1.0 " " " 02-Oct-00 " Selenium ND 5.0 " " " 02-Oct-00 " Silver 1.8 0.50 " " " " 02-Oct-00 "	·			п	24	v	n .		n .	
Cobalt 14 0.50 " " " " 02-Oct-00 " Copper 36 0.50 " " " 02-Oct-00 " Lead 6.6 1.0 " " " 02-Oct-00 " Molybdenum ND 0.50 " " " 02-Oct-00 " Nickel 56 1.0 " " " " 02-Oct-00 " Selenium ND 5.0 " " " " 02-Oct-00 " Silver 1.8 0.50 " " " " 02-Oct-00 "				п	**	u	n.		n	
Copper 36 0.50 " " " 02-Oct-00 " Lead 6.6 1.0 " " " 02-Oct-00 " Molybdenum ND 0.50 " " " 02-Oct-00 " Nickel 56 1.0 " " " 02-Oct-00 " Selenium ND 5.0 " " " 02-Oct-00 " Silver 1.8 0.50 " " " " 02-Oct-00 "				п	и	u			ш	
Lead 6.6 1.0 " " " " 02-Oct-00 " Molybdenum ND 0.50 " " " 02-Oct-00 " Nickel 56 1.0 " " " 02-Oct-00 " Selenium ND 5.0 " " " 02-Oct-00 " Silver 1.8 0.50 " " " " 02-Oct-00 "				11	н	n			11	
Molybdenum ND 0.50 " " " 02-Oct-00 " Nickel 56 1.0 " " " 02-Oct-00 " Selenium ND 5.0 " " " 02-Oct-00 " Silver 1.8 0.50 " " " " 02-Oct-00 "				п	ш	**	п		II .	
Nickel 56 1.0 " " " " 02-Oct-00 " Selenium ND 5.0 " " " 02-Oct-00 " Silver 1.8 0.50 " " " 02-Oct-00 "				ıı.	ш	11	"		"	
Selenium ND 5.0 " " " " 02-Oct-00 " Silver 1.8 0.50 " " " " 02-Oct-00 "	-			"	,,	91	"		11	
Silver 1.8 0.50 " " " " 02-Oct-00 "				11	п	**	11		11	
				u	п	**	71		"	
Thallium 15 10 " " " 02-Oct-00 "				"		,,			"	
Vanadium 49 0.50 " " " 02-Oct-00 "				п					**	
Zinc 50 1.0 " " " 02-Oct-00 "				"						

2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

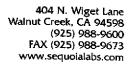
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB4-24' (W009643-07) Soil	Sampled: 25-Sep-00 00:00	Received	26-Sep-	00 13:53					
Mercury	0.049	0.010	mg/kg	1	0J04014	04-Oct-00	04-Oct-00	EPA 7471A	
Antimony	ND	5.0	11	"	0130001	30-Sep-00	02-Oct-00	EPA 6010A	
Arsenic	ND	5.0	"	ır	n	u	02-Oct-00	n .	
Barium	120	0.50	•	u	н	II	02-Oct-00	II .	
Beryllium	ND	0.50	**	**	19	IJ	02-Oct-00	n	
Cadmium	ND	0.50	Ħ	**	**	IJ	02-Oct-00	п	
Chromium	32	0.50	"	**	**	ıı	02-Oct-00	11	
Cobalt	6.3	0.50	н	**	**	n	02-Oct-00	11	
Copper	18	0.50	u	**	rr	n	02-Oct-00	**	
Lead	5.3	1.0	п	u	н	*	02-Oct-00	**	
Molybdenum	ND	0.50	II .	п	п	*	02-Oct-00	и	
Nickel	33	1.0	11	u	"	**	02-Oct-00	71	
Selenium	ND	5.0		II .	**	ч	02-Oct-00	n	
Silver	2.1	0.50	11	II.	Ħ	4	02-Oct-00	**	
Thallium	18	10	**	п	н	н		**	
Vanadium	29	0.50	н	ji .	п	19	02-Oct-00	u	
Zinc	34	1.0	"	11	It	"	02-Oct-00	"	
SB5-3' (W009643-08) Soil	Sampled: 25-Sep-00 00:00	Received: :	26-Sep-0	0 13:53					
Mercury	0.043	0.010	mg/kg	1	0J04014	04-Oct-00	04-Oct-00	EPA 7471A	
Antimony	ND	5.0	**	11	0130001	30-Sep-00	02-Oct-00	EPA 6010A	
Arsenic	ND	5.0	**	**	0	**	02-Oct-00	11	
Barium	170	0.50	н	**	μ	**	02-Oct-00	II.	
Beryllium	ND	0.50		**	n	Ħ	02-Oct-00	II.	
Cadmium	ND	0.50	п	27	n .	н	02-Oct-00	II.	
Chromium	27	0.50	40	**		n	02-Oct-00	II .	
Cobalt	19	0.50	"	τr	11	ţı.	02-Oct-00	п	
Copper	46	0.50	**	n		u	02-Oct-00	п	
Lead	3.1	1.0	"	10	n	н	02-Oct-00	11	
Molybdenum	ND	0.50	"	II	п	n n	02-Oct-00	11	
Nickel	33	1.0	rt	"	n	u	02-Oct-00	"	
Selenium	ND	5.0	н	п	n.	II .	02-Oct-00	"	
Silver	ND	0.50	**	11	n	IJ	02-Oct-00	и	
Thallium	13	10	11	71	"	II .	n	11	
Vanadium	79	0.50	"	**	**	II .	02-Oct-00	***	
Zinc	23	1.0	Ħ	**	**	11	02-Oct-00	11	



2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
SB5-5' (W009643-09) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-0	D 13:53	_				
Mercury	0.055	0.010	mg/kg	1	0Ј04014	04-Oct-00	04-Oct-00	EPA 7471A	
Antimony	ND	5.0	(f	11	0I30001	30-Sep-00	02-Oct-00	EPA 6010A	
Arsenic	ND	5.0		"	**	**	02-Oct-00	Ħ	
Barium	150	0.50	II .	"	17	**	02-Oct-00	(t	
Beryllium	ND	0.50		n n	17	**	02-Oct-00	u	
Cadmium	ND	0.50		**	11	u	02-Oct-00	II .	
Chromium	32	0.50	71	"	II .	п	02-Oct-00	II .	
Cobalt	23	0.50	**	ır	11	ij	02-Oct-00	n	
Copper	45	0.50	**	11	11	II .	02-Oct-00	н	
Lead	3.6	1.0	17	"	"	п	02-Oct-00	"	
Molybdenum	ND	0.50	71	Τŧ	*1	U	02-Oct-00	**	
Nickel	39	1.0	11	*1	n	**	02-Oct-00	**	
Selenium	ND	5.0	••	**	"	17	02-Oct-00	rr .	
Silver	1.9	0.50	**	п	10	**	02-Oct-00	н	
Thallium	12	10	Ħ	п	11	**	11	17	
Vanadium	88	0.50	17	п	"	u.	02-Oct-00	,,	
Zinc	30	1.0	u	II.	н	11	02-Oct-00	tr	
SB5-10' (W009643-10) Soil	Sampled: 25-Sep-00 00:00	Received	26-Sep-0	00 13:53					
Mercury	0.15	0.010	mg/kg	1	0J04014	04-Oct-00	04-Oct-00	EPA 7471A	
Antimony	ND	5.0	11	n	0I30001	30-Sep-00	02-Oct-00	EPA 6010A	
Arsenic	ND	5.0	п	,,	п	tt.	02-Oct-00	ıı .	
Barium	130	0.50	11	#	п	п	02-Oct-00	п	
Beryllium	ND	0.50	**	**	п	ш	02-Oct-00	n	
Codmiss	ND	0.50	,,	**	11	ш	02-Oct-00	"	
Caumum	1112	0.50						11	
	34	0.50	**	**	п	п	02-Oct-00	.,	
Chromium	· ·		11		n n	n n	02-Oct-00 02-Oct-00	"	
Chromium Cobalt	34	0.50		Ħ					
Chromium Cobalt Copper	34 24	0.50 0.50	н	n a	11	n	02-Oct-00		
Chromium Cobalt Copper Lead	34 24 49	0.50 0.50 0.50	H H	8 O U	11	n n	02-Oct-00 02-Oct-00		
Chromium Cobalt Copper Lead Molybdenum	34 24 49 3.8	0.50 0.50 0.50 1.0	H H	n u u	1) 11	1) 1) 11	02-Oct-00 02-Oct-00 02-Oct-00		
Chromium Cobalt Copper Lead Molybdenum Nickel	34 24 49 3.8 ND 57	0.50 0.50 0.50 1.0 0.50 1.0	H H H	11 11 11	1) 11 19	1) 1) 1)	02-Oct-00 02-Oct-00 02-Oct-00 02-Oct-00 02-Oct-00		
Chromium Cobalt Copper Lead Molybdenum Nickel Selenium	34 24 49 3.8 ND 57 ND	0.50 0.50 0.50 1.0 0.50 1.0 5.0	14 16 16 16	11 U U U U U U U U U U U U U U U U U U	19 11 19 17	1) 1) 1) 1) 1)	02-Oct-00 02-Oct-00 02-Oct-00 02-Oct-00 02-Oct-00	"	
Chromium Cobalt Copper Lead Molybdenum Nickel Selenium Silver	34 24 49 3.8 ND 57 ND	0.50 0.50 0.50 1.0 0.50 1.0 5.0	H H H H	11 0 0 0 11 11	19 11 10 17	D U U U U U U U U U U U U U U U U U U U	02-Oct-00 02-Oct-00 02-Oct-00 02-Oct-00 02-Oct-00	1) 1) 1) 1) 1) 1) 1) 1) 1) 1)	
Cadmium Chromium Cobalt Copper Lead Molybdenum Nickel Selenium Silver Thallium	34 24 49 3.8 ND 57 ND	0.50 0.50 0.50 1.0 0.50 1.0 5.0	17 17 18 18 18	11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 # # # # # # # # # # # # # # # # # # #	D U U U U U U U U U U U U U U U U U U U	02-Oct-00 02-Oct-00 02-Oct-00 02-Oct-00 02-Oct-00 02-Oct-00	1) 11 11 11 11	



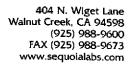
2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB5-16' (W009643-11) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-	00 13:53					
Mercury	0.092	0.010	mg/kg	1	0J04014	04-Oct-00	04-Oct-00	EPA 7471A	
Antimony	ND	5.0	**	11	0130001	30-Sep-00	02-Oct-00	EPA 6010A	
Arsenic	ND	5.0	11	"	**	"	02-Oct-00	**	
Barium	130	0.50	п	**		**	02-Oct-00	п	
Beryllium	ND	0.50	п	**	Ħ	Ħ	02-Oct-00	u	
Cadmium	ND	0.50	11	"	ır	II .	02-Oct-00	п	
Chromium	40	0.50	"	II	II	II	02-Oct-00	ш	
Cobalt	13	0.50	**	II	II	II .	02-Oct-00	11	,
Copper	27	0.50	**	II .	"	U	02-Oct-00	11	
Lead	6.7	1.0	**	n	"	**	02-Oct-00	**	
Molybdenum	ND	0.50	71	11	**	**	02-Oct-00	n	
Nickel	50	1.0	*1	"	17	**	02-Oct-00	n .	
Selenium	ND	5.0	**	**	**	n	02-Oct-00	n	
Silver	1.2	0.50	п	II	ų	+1	02-Oct-00	**	
Thallium	ND	10	и	**	**	**	n	**	
Vanadium	45	0.50		,,	**	**	02-Oct-00	"	
Zinc	40	1.0	'n	**	u	п	02-Oct-00	u	
SB5-20' (W009643-12) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-0	00 13:53					
Mercury	0.15	0.010	mg/kg	1	0J04014	04-Oct-00	04-Oct-00	EPA 7471A	
Antimony	ND	5.0	"	ıı .	0130001	30-Sep-00	02-Oct-00	EPA 6010A	
Arsenic	ND	5.0	77	п	п	11	Ħ	**	
Barium	120	0.50	н	и	"	þ	02-Oct-00	11	
Beryllium	ND	0.50	н	"	"	п	02-Oct-00	**	
Cadmium	ND	0.50	п	н	**	**	02-Oct-00	**	
Chromium	30	0.50	11	n	"	**	02-Oct-00		
Cobalt	7.0	0.50	**	••	**	**	02-Oct-00	,,	
Copper	14	0.50	***	#	**	sr	02-Oct-00	11	
Lead	4.2	1.0	11	n	9	ii .	02-Oct-00	Ħ	
Molybdenum	ND	0.50	11	H	,,	"	02-Oct-00	11	
Nickel	35	1.0	n	11	"	"	02-Oct-00	41	
Selenium	ND	5.0	11	**	**	**	02-Oct-00		
Silver	ND	0.50	n.	**	17	*1	02-Oct-00		
	13	10	п	"	"	ш	02-Oct-00	U	
i nailium									
Fhallium Vanadium	29	0.50	n	u	u	п	02-Oct-00	п	





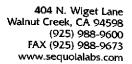
2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB5-24' (W009643-13) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-	00 13:53				-	
Mercury	0.10	0.010	mg/kg	1	0J04014	04-Oct-00	04-Oct-00	EPA 7471A	
Antimony	ND	5.0	11	н	0130001	30-Sep-00	02-Oct-00	EPA 6010A	
Arsenic	ND	5.0	II .	II .	11	II .	"	**	
Barium	140	0.50	l)	II	"	11	02-Oct-00	"	
Beryllium	ND	0.50	b	II .	**	II .	02-Oct-00	**	
Cadmium	ND	0.50	н	II .		11	02-Oct-00	18	
Chromium	28	0.50	"	п	н	**	02-Oct-00	47	
Cobalt	8.1	0.50	**	n	Ħ	11	02-Oct-00	n	
Copper	19	0.50	**	11	п	*1	02-Oct-00	11	
Lead	4.7	1.0	**	11	ч	**	02-Oct-00	**	
Molybdenum	ND	0.50	**	17	п	***	02-Oct-00	**	
Nickel	39	1.0	**	**	n	II.	02-Oct-00	н	
Selenium	ND	5.0	**	**	II .	п	02-Oct-00	11	
Silver	ND	0.50	"	**	11	n	02-Oct-00	**	
Thallium	ND	10	п	17	IJ	n	02-Oct-00	п	
Vanadium	32	0.50	"	**	U	"	02-Oct-00	11	
Zinc	. 35	1.0	*1	17	II	**	02-Oct-00	II	
SB6-3' (W009643-14) Soil	Sampled: 25-Sep-00 00:00	Received: 2	26-Sep-06	0 13:53					
Mercury	0.069	0.010	mg/kg	Į	0Ј04014	04-Oct-00	04-Oct-00	EPA 7471A	
Antimony	ND	5.0	"	71	0130001	30-Sep-00	02-Oct-00	EPA 6010A	
Arsenic	ND	5.0	**	*1	11	**	02-Oct-00	ıı .	
Barium	150	0.50	**	**	11	"	02-Oct-00	и	
Beryllium	ND	0.50	**	"	**	Ħ	02-Oct-00	п	
Cadmium	ND	0.50	**	"	17	п	02-Oct-00	II .	
Chromium	28	0.50	**	ti	п	rı	02-Oct-00	II	
Cobalt	18	0.50	FT	"	11	II	02-Oct-00	n	
Copper	44	0.50	**	**	**	n	02-Oct-00	u	
Lead	2.7	1.0	rr	tt.	ff	n	02-Oct-00	11	
Molybdenum	ND	0.50	**	41	17	u	02-Oct-00	11	
Nickel	39	1.0	11	11	n	u	02-Oct-00	"	
Selenium	ND	5.0	**	U.	•	ш	02-Oct-00	11	
Silver	ND	0.50	**	IT.	17	II	02-Oct-00	"	
Thallium	14	10	н	**	**	11	02-Oct-00	"	
Vanadium	87	0.50	"	tt	**	п	02-Oct-00	**	
Zinc	21	1.0	и	t t	1f	n	02-Oct-00	n	





Project: Chevron

2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

Total Metals by EPA 6000/7000 Series Methods Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB6-5' (W009643-15) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-0	0 13:53	·				
Mercury	0.23	0.010	mg/kg	1	0J04014	04-Oct-00	04-Oct-00	EPA 7471A	
Antimony	ND	5.0	**	**	0130001	30-Sep-00	02-Oct-00	EPA 6010A	
Arsenic	ND	5.0	**	**	*	**	02-Oct-00	· ·	
Barium	150	0.50	**	t*	**	**	02-Oct-00	II .	
Beryllium	ND	0.50	**	"	"	н	02-Oct-00	II .	
Cadmium	ND	0.50	**	**	u	II	02-Oct-00	ıı .	
Chromium	36	0.50	Tf	78	tt	U	02-Oct-00	11	
Cobalt	10	0.50	71	Ħ	II .	п	02-Oct-00	II	
Copper	46	0.50	11	"		II .	02-Oct-00	11	
Lead	3.3	1.0	"	"	"	п	02-Oct-00	11	
Molybdenum	ND	0.50	**	11	11	п	02-Oct-00	***	
Nickel	39	1.0	77	"		n	02-Oct-00	**	
Selenium	ND	5.0	**	17	11	11	02-Oct-00	**	
Silver	1.8	0.50	**	11	11	19	02-Oct-00	11	
Thallium	11	10	**	п	"	"	n	re .	
Vanadium	76	0.50	77	"	n	"	02-Oct-00	(r	
Zinc	27	1.0	tf	lf .	**	**	02-Oct-00	п	
SB6-10' (W009643-16) Soil	Sampled: 25-Sep-00 00:00	Received:	: 26-Sep-	00 13:53					
Mercury	0.22	0.010	mg/kg	1	0J04014	04-Oct-00	04-Oct-00	EPA 7471A	
Antimony	ND	5.0	"	u	0130001	30-Sep-00	02-Oct-00	EPA 6010A	
Arsenic	ND	5.0	н		**	#	02-Oct-00	**	
Barium	100	0.50	u	n n	17	н	02-Oct-00	#	
Beryllium	ND	0.50	11	n	**	H	02-Oct-00	Ħ	
Cadmium	ND	0.50	п		17	**	02-Oct-00	#	
Chromium	34	0.50	11	ii	++	н	02-Oct-00	н	
Cobalt	20	0.50	u	"	17	n	02-Oct-00	er	
Copper	44	0.50	п		11	n n	02-Oct-00	**	
Lead	2.7	1.0	u	n	**	u	02-Oct-00	(1	
Molybdenum	ND	0.50	ш				02-Oct-00	17	
Nickel	50	1.0	u	11	*1	11	02-Oct-00	11	
Selenium	ND	5.0	ш	U		n	02-Oct-00	er	
Silver	1.3	0.50	п		п		02-Oct-00	Ħ	
Thallium	ND	10	ш	"	н	n	"	(t	
Vanadiuri	92	0.50	п	п	ır	11	02-Oct-00	u	
	29	1.0	n	,,	11	n	02-Oct-00	a	

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.

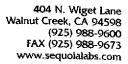




Project: Chevron

2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB6-23' (W009643-17) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-	-00 13:53	•				
Mercury	0.043	0.010	mg/kg	1	0Ј04014	04-Oct-00	04-Oct-00	EPA 7471A	
Antimony	ND	5.0	"	**	0130001	30-Sep-00	02-Oct-00	EPA 6010A	
Arsenic	ND	5.0	"	н		ıı	02-Oct-00	**	
Barium	110	0.50	**	17		u	02-Oct-00	**	
Beryllium	ND	0.50	17	"	11	п	02-Oct-00	rr	
Cadmium	ND	0.50	"	**	**	II .	02-Oct-00	II .	
Chromium	30	0.50	н	**	11	11	02-Oct-00	n .	
Cobalt	8.3	0.50	II .	***	**	H	02-Oct-00	***	
Copper	18	0.50	"	н	"	н	02-Oct-00	**	
Lead	5.6	1.0	ч	ч	**	*	02-Oct-00	**	
Molybdenum	ND	0.50	н	п	71	††	02-Oct-00	**	
Nickel	36	1.0	Į.	u	11	**	02-Oct-00	н	
Selenium	ND	5.0	*1	и	**	**	02-Oct-00	a	
Silver	2.2	0.50	77	II	11	is	02-Oct-00	u	
Thallium	ND	10	**	u	**	*1	**	п	
Vanadium	35	0.50	+1	II .	**	n	02-Oct-00	u	
Zinc	33	1.0	**	II .	**	н	02-Oct-00	u	
MW-2 (W009643-18) Water	Sampled: 25-Sep-00 00:00	Received	l: 26-Se _l	o-00 13:53					
Mercury	ND	0.00020	mg/l	1	0J04015	04-Oct-00	06-Oct-00	EPA 7470A	
Antimony	ND	0.10	17	ıı	0J02011	02-Oct-00	03-Oct-00	EPA 6010	
Arsenic	ND	0.10	10	**	II .	**	u	II	
Barium	0.16	0.010	77	"	II	Ħ	n .	11	
Beryllium	ND	0.010	**	"	II	**	п	n	
Cadmium	ND	0.010	*1	**	u	#1	11	n	
Chromium	0.050	0.010	**	"	п	77	ıı .	H	
Cobalt	ND	0.010	"	17	II	11	п	n	
Copper	ND	0.010	**	**	п	**	ıı .	**	
Lead	ND	0.020	**	H	II	н	п	17	
Molybdenum	ND	0.010	***	**	п	п	u	**	
Nickel	0.037	0.010	0	11	11	"	п	*1	
Selenium	ND	0.10	**	**	IJ	н	п	*1	
Silver	0.043	0.010	**	m	п	11	п	47	
Thallium	0.24	0.10	**	**	"	**	1)	"	
Vanadium	0.013	0.010	**	**	n	ш	11	71	
Zinc	0.054	0.020	16	11	U	u	11	н	

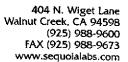




2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

		/144 2 X4144X	5	77 1411114					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (W009643-19) Water	Sampled: 25-Sep-00 00:00	Receive	d: 26-Se _]	p-00 13:53				-	
Mercury	ND	0.00020	mg/l	1	0J04015	04-Oct-00	06-Oct-00	EPA 7470A	
Antimony	ND	0.10	**	**	0Ј02011	02-Oct-00	03-Oct-00	EPA 6010	
Arsenic	ND	0.10	**	17	**	"	"	"	
Barium	0.34	0.010	н	IF.	u	tt	**	и	
Beryllium	ND	0.010	**	11	71	**	11	u	
Cadmium	ND	0.010	••	"	"	п	II .	n .	
Chromium	ND	0.010	**	**	**	п	u	п	
Cobalt	ND	0.010	**	**	"	IJ	11	п	
Copper	ND	0.010	п	**	н	II.	II .	n .	
Lead	ND	0.020	u	(f	u	ij	17	*1	
Molybdenum	ND	0.010	п	п	II .	"	н	#	
Nickel	ND	0.010	н	ш		**	**	*	
Selenium	ND	0.10	U	ш		**	**	**	
Silver	0.044	0.010	n	IJ	h	**	**	11	
Thallium	0.24	0.10	п	ш	,,	71	н	11	
Vanadium	ND	0.010	,,	1)	"	"	n	**	
Zinc	0.041	0.020	"	11	"	"	11	"	
MW-7 (W009643-20) Water			3: 26 - Ser	-00 13:53					
Mercury	ND	0.00020	mg/l	1	0J04015	04-Oct-00	06-Oct-00	EPA 7470A	
Antimony	ND	0.00020	" "	,,	0J02011	02-Oct-00	03-Oct-00	EPA 6010	
Arsenic	ND	0.10	**	**	#	W-OCE-00	# #	ELY 0010	
Barium	0.098	0.010	IJ	II	11	**	tt	II.	
Beryllium	ND	0.010		"			н		
Cadmium	ND	0.010	11	11	**	a	u	11	
Chromium	ND	0.010	"	n	"	U	II	п	
Cobalt	ND ND	0.010	**	**	*1				
Copper	ND ND	0.010	77	17	,,	u	ш	11	
Lead	ND ND	0.010	,,	**	"		 U	n	
Molybdenum	0.017	0.020	,,	**	"	u.	"	"	
Mickel	0.017	0.010	**	11	11	"	"	"	
Selenium	0.018 ND	0.010	 H			 11		**	
Silver			,,		u u		"		
Silver Thallium	0.051 ND	0.010	"	"	"	"	"	"	
		0.10		"	")1	" "		
Vanadium	ND	0.010	"	"	"	"	"	"	
Zinc	0.067	0.020	11	II .	"	n	11	"	





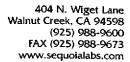
2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported**: 10-Oct-00 11:05

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Walnut Creek

		D (*							
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB4-3' (W009643-01) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-0	0 13:53					
Ethanol	ND	25	mg/kg	100	0130005	29-Sep-00	30-Sep-00	EPA 8260B	
tert-Butyl alcohol	ND	2.5	**	"	It	H	ij	*	
Methyl tert-butyl ether	ND	0.10	**	H	11	**	IJ	**	
Di-isopropyl ether	ND	0.10	o	n	11	77	11	II .	
Ethyl tert-butyl ether	ND	0.10	17	"	п	TT.	**	II .	
tert-Amyl methyl ether	ND	0.10	**	"	11	н	H	n.	
Surrogate: Dibromofluorome	thane	96.0 %	50-	150	n	"	"	n .	
Surrogate: 1,2-Dichloroethan	ne-d4	90.0 %	50-	150	"	"	"	n	
SB4-5' (W009643-02) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-0	0 13:53					
Ethanol	ND	25	mg/kg	100	0130005	29-Sep-00	30-Sep-00	EPA 8260B	
tert-Butyl alcohol	ND	2.5		II .	**	n n	n.	rt	
Methyl tert-butyl ether	ND	0.10	,,,	ti .	**	п	п	н	
Di-isopropyl ether	ND	0.10	0	**	**	***	п	n	
Ethyl tert-butyl ether	ND	0.10	11	**	10	п	п	#	
tert-Amyl methyl ether	ND	0.10	**	**	11	н	D	17	
Surrogate: Dibromofluorome	thane	96.0 %	50-	150	"	"	"	и	
Surrogate: 1,2-Dichloroetha	ne-d4	92.0 %		150	"	n	"	"	
SB4-10' (W009643-03) Soil	Sampled: 25-Sep-00 00:00	Received	26-Sep-0	00 13:53					
Ethanol	ND	25	mg/kg	100	0I30005	29-Sep-00	30-Sep-00	EPA 8260B	
tert-Butyl alcohol	ND	2.5	**	"	**	u ⁻		II .	
Methyl tert-butyl ether	ND	0.10	n	n	**	u	ti	n	
Di-isopropyl ether	ND	0.10	**	н	"	II .	11	II .	
Ethyl tert-butyl ether	ND	0.10	u	11	**	11	**	17	
tert-Amyl methyl ether	ND	0.10	u	n	н	u	**	n	
Surrogate: Dibromofluorome	thane	96.0 %	50-	150	"	n n	"	"	
Surrogate: 1,2-Dichloroethar	re-d4	92.0 %	50-	150	"	"	"	n	



2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB4-15' (W009643-04) Soil	Sampled: 25-Sep-00 00:00	Received	26-Sep-	00 13:53					
Ethanol	ND	25	mg/kg	100	0I30005	29-Sep-00	30-Sep-00	EPA 8260B	
tert-Butyl alcohol	ND	2.5	H	II	и	n	"	**	
Methyl tert-butyl ether	ND	0.10	"	11	u	**	IT	f#	
Di-isopropyl ether	ND	0.10		**	п	**	u	rr .	
Ethyl tert-butyl ether	ND	0.10	Ü		n	n	II	11	
tert-Amyl methyl ether	ND	0.10	n .	"	"	"	II .	11	
Surrogate: Dibromofluoromet	hane	96.0 %	50-	150	<i>n</i>	и	H	u u	
Surrogate: 1,2-Dichloroethan	e-d4	92.0 %	50-	150	"	tt .	"	"	
SB4-18' (W009643-05) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-	00 13:53					
Ethanol	ND	25	mg/kg	100	0130005	29-Sep-00	30-Sep-00	EPA 8260B	
tert-Butyl alcohol	ND	2.5	"	u	"	ıı .	H	п	
Methyl tert-butyl ether	ND	0.10	n	II .	**	II	н	11	
Di-isopropyl ether	ND	0.10	11	II .	Ħ	li .	*1	11	
Ethyl tert-butyl ether	ND	0.10	**	ч	Ħ	n	**	**	
tert-Amyl methyl ether	ND	0.10	**	11	н	11	Ħ	**	
Surrogate: Dibromofluoromet	hane	96.0 %	50-	150	"	"	"	"	
Surrogate: 1,2-Dichloroethan	? -d 4	94.0 %	50-	150	"	n	"	"	
SB4-20' (W009643-06) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-	00 13:53					
Ethanol	ND	25	mg/kg	100	0130005	29-Sep-00	01-Oct-00	EPA 8260B	
tert-Butyl alcohol	ND	2.5	II	r•	п	"	U	**	
Methyl tert-butyl ether	ND	0.10	II	14	n	n.	U	**	
Di-isopropyl ether	ND	0.10	II	17	"	*1	II .	**	
Ethyl tert-butyl ether	ND	0.10	II	IF.	1)	**		**	
tert-Amyl methyl ether	ND	0.10	ц	71	11	"	U	**	
Surrogate: Dibromofluoromet	hane	94.0 %	50-	150	"	"	n	"	
Surrogate: 1,2-Dichloroethane	?-d4	86.0 %	50-	150	n	"	"	"	



2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB4-24' (W009643-07) Soil	Sampled: 25-Sep-00 00:00	Received	26-Sep-	00 13:53					
Ethanol	ND	25	mg/kg	100	0I30005	29-Sep-00	01-Oct-00	EPA 8260B	
tert-Butyl alcohol	ND	2.5	**	п	**	IJ	#	н	
Methyl tert-butyl ether	ND	0.10	10	n	**	11	H	II .	
Di-isopropyl ether	ND	0.10	11	ш	u	11	11	n	
Ethyl tert-butyl ether	ND	0.10	*1	**	ii .	**	**	n	
tert-Amyl methyl ether	ND	0.10	**	11	u	Ħ	11	n	
Surrogate: Dibromofluorome	thane	94.0 %	50-	150	"	"	"	"	
Surrogate: 1,2-Dichloroethan	ne-d4	86.0 %	50-	150	11	"	"	"	
SB5-3' (W009643-08) Soil	Sampled: 25-Sep-00 00:00	Received: :	26-Sep-0	0 13:53					
Ethanol	ND	25	mg/kg	100	0130005	02-Oct-00	02-Oct-00	EPA 8260B	
tert-Butyl alcohol	ND	2.5	II .	11	**	н		11	
Methyl tert-butyl ether	ND	0.10	11	11	ш	"	n	77	
Di-isopropyl ether	ND	0.10	"	"	**	ıı	**	"	
Ethyl tert-butyl ether	ND	0.10	**		*	11	77	**	
tert-Amyl methyl ether	ND	0.10	**	п	**	II	***	ш	
Surrogate: Dibromofluorome	thane	94.0 %	50-	150	"	,,	"	"	
Surrogate: 1,2-Dichloroethan	e-d4	86.0 %	50-	150	"	"	"	a	
SB5-5' (W009643-09) Soil	Sampled: 25-Sep-00 00:00	Received: 1	26-Sep-0	0 13:53					
Ethanol	ND	25	mg/kg	100	0130005	02-Oct-00	02-Oct-00	EPA 8260B	***
tert-Butyl alcohol	ND	2.5	**	**	n	**	н	17	
Methyl tert-butyl ether	ND	0.10	и	ir.	11	и	II	π	
Di-isopropyl ether	ND	0.10	и	u	11	u u	u	et	
Ethyl tert-butyl ether	ND	0.10	"	11	*1	n	ii .	17	
tert-Amyl methyl ether	ND	0.10	II .	,,	77	"	11	н	
Surrogate: Dibromofluorome	thane	96.0 %	50-	150	"	"	"	"	
Surrogate: 1,2-Dichloroethan		86.0 %	50-		"	#	"	и	



Cambria - San Ramon 2694 Bishop Drive Suite 105

San Ramon CA, 94583

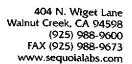
Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Walnut Creek Reporting Esult Limit Units Dilution Batch

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB5-10' (W009643-10) Soil	Sampled: 25-Sep-00 00:00	Received	26-Sep-	00 13:53					
Ethanol	ND	25	mg/kg	100	0130005	02-Oct-00	02-Oct-00	EPA 8260B	
tert-Butyl alcohol	ND	2.5	**	**	II	Ħ	Ħ	rr	
Methyl tert-butyl ether	ND	0.10	11	**	11	11	н	II .	
Di-isopropyl ether	ND	0.10	11	ч	II .	41	п	п	
Ethyl tert-butyl ether	ND	0.10	77	**	*1	17	п	и	
tert-Amyl methyl ether	ND	0.10	Ħ	**	"	tr	п	п	
Surrogate: Dibromofluorome	thane	96.0 %	50-	150	"	"	n	,,	
Surrogate: 1,2-Dichloroethan	e-d4	86.0 %	50-	150	"	"	"	"	
SB5-16' (W009643-11) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-	00 13:53					
Ethanol	ND	25	mg/kg	100	0I30005	02-Oct-00	02-Oct-00	EPA 8260B	
tert-Butyl alcohol	ND	2.5	**	"	II .	**	**	**	
Methyl tert-butyl ether	ND	0.10	**	**	п	er	tt	и	
Di-isopropyl ether	ND	0.10	**	**		"	н	"	
Ethyl tert-butyl ether	ND	0.10	ur	ır	II .	71	ш	п	
tert-Amyl methyl ether	ND	0.10	11	n	11	et	n	п	
Surrogate: Dibromofluorome	thane	94.0 %	50-	150	"	"	n .	n	
Surrogate: 1,2-Dichloroethan	e-d4	88.0 %	50-	150	n	n	н	n	
SB5-20' (W009643-12) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-	00 13:53					
Ethanol	ND	25	mg/kg	100	0I30005	02-Oct-00	02-Oct-00	EPA 8260B	
tert-Butyl alcohol	ND	2.5	п	п	"	п	17	u	
Methyl tert-butyl ether	ND	0.10	II.	u	"	п	ii.	**	
Di-isopropyl ether	ND	0.10	n	"	17	11	н	**	
Ethyl tert-butyl ether	ND	0.10	п)1	"	11	11	*	
tert-Amyl methyl ether	ND	0.10	11	11	u	"	"	**	
Surrogate: Dibromofluoromet	thane	94.0 %	50-	150	"	"	u	"	
Surrogate: 1,2-Dichloroethan	e-d4	84.0 %	50-	150	"	"	н	μ	





2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

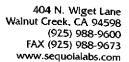
Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB5-24' (W009643-13) Soil	Sampled: 25-Sep-00 00:00	Received	26-Sep-	00 13:53				·	R-05
Ethanol	ND	50	mg/kg	200	0I30005	02-Oct-00	02-Oct-00	EPA 8260B	-
tert-Butyl alcohol	ND	5.0	u	п	**	rr	lj.	**	
Methyl tert-butyl ether	ND	0.20	U	п	rr	n	n .	17	
Di-isopropyl ether	ND	0.20		п	11	**	II	п	
Ethyl tert-butyl ether	ND	0.20	н	+1	**	(t	11	п	
tert-Amyl methyl ether	ND	0.20	11	"	**	n	"	п	
Surrogate: Dibromofluorome	thane	92.0 %	50-	150	"	"	"	n	1_0
Surrogate: 1,2-Dichloroethan	e-d4	92.0 %	50-	150	n .	"	"	n	
SB6-3' (W009643-14) Soil	Sampled: 25-Sep-00 00:00	Received: 1	26-Sep-0	0 13:53					
Ethanol	ND	25	mg/kg	100	0130005	02-Oct-00	02-Oct-00	EPA 8260B	
tert-Butyl alcohol	ND	2.5	"	tt.	,1	n	**	41	
Methyl tert-butyl ether	ND	0.10	*1	ft	**	**	n	11	
Di-isopropyl ether	ND	0.10	ч	"	**	н	п	**	
Ethyl tert-butyl ether	ND	0.10	n	11	**	n	11	11	
tert-Amyl methyl ether	ND	0.10	u	11	26	n	μ	17	
Surrogate: Dibromofluoromet	thane	94.0 %	50-	150	11	u	"	"	
Surrogate: 1,2-Dichloroethan	e-d4	84.0 %	50-	150	u	u	<i>n</i> .	"	
SB6-5' (W009643-15) Soil	Sampled: 25-Sep-00 00:00	Received: 2	26-Sep-06	0 13:53					
Ethanol	ND	25	mg/kg	100	0130005	02-Oct-00	02-Oct-00	EPA 8260B	
tert-Butyl alcohol	ND	2.5	**	n	н	п	1)	**	
Methyl tert-butyl ether	ND	0.10	**	**	u	n	**	"	
Di-isopropyl ether	ND	0.10	н	**	U	ŋ	**	tt	
Ethyl tert-butyl ether	ND	0.10	"	"	п	U	**	ш	
tert-Amyl methyl ether	ND	0.10	**	**	11	11	17	"	
Surrogate: Dibromofluoromet	hane	94.0 %	50-	150	"	<i>n</i>	.,,	rr .	
Surrogate: 1,2-Dichloroethan		84.0 %	50-		"	"	"	"	

2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB6-10' (W009643-16) Soil	Sampled: 25-Sep-00 00:00	Received	: 26-Sep-	00 13:53			·		
Ethanol	ND	25	mg/kg	100	0I30005	02-Oct-00	02-Oct-00	EPA 8260B	
tert-Butyl alcohol	ND	2.5	II .	TF	11	11	11	п	
Methyl tert-butyl ether	ND	0.10	II .	п	**	II	**	п	
Di-isopropyl ether	ND	0.10	**	1)	**	11	**	и	
Ethyl tert-butyl ether	ND	0.10	11	**	u	11	"	п	
tert-Amyl methyl ether	ND	0.10	**	11	u	"	17	п	
Surrogate: Dibromofluorome	thane	92.0 %	50-	150	"	"	"	n	
Surrogate: 1,2-Dichloroethan	re-d4	84.0 %	50-	150	"	"	"		
SB6-23' (W009643-17) Soil	Sampled: 25-Sep-00 00:00	Received:	: 26-Sep-	00 13:53					
Ethanol	ND	25	mg/kg	100	0130005	02-Oct-00	02-Oct-00	EPA 8260B	•
tert-Butyl alcohol	ND	2.5	,,	п	"	11	II	**	
Methyl tert-butyl ether	ND	0.10	11	ii	"	n	b	er	
Di-isopropyl ether	ND	0.10	77	п	н	Ħ	n	π	
Ethyl tert-butyl ether	ND	0.10	11	11	11	**	"		
tert-Amyl methyl ether	ND	0.10	*1	11	17	***	tı	11	
Surrogate: Dibromofluorome	thane	94.0 %	50-	150	"	п	"	"	
Surrogate: 1,2-Dichloroethan	ne-d4	84.0 %	50-	150	"	"	"	"	
MW-2 (W009643-18) Water	Sampled: 25-Sep-00 00:00	Receive	d: 26-Sep	-00 13:53					
Ethanol	ND	500	ug/i	1	0128018	28-Sep-00	28-Sep-00	EPA 8260B	
tert-Butyl alcohol	ND	50	u	**	**	ıı .	**	**	
Methyl tert-butyl ether	70	2.0	ш	**	tt	II .	**	и	
Di-isopropyl ether	ND	2.0	u	"	Ħ	n n	P#	l t	
Ethyl tert-butyl ether	ND	2.0	II	**		ıı	17	**	
tert-Amyl methyl ether	18	2.0	п	**		II .	**	R	
Surrogate: Dibromofluorome	thane	98.0 %	50-	150	"	"	"	"	
Surrogate: 1,2-Dichloroethan	ne-d4	98.0 %	50-	150	#	"	"	"	





2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

Analyte	Result	eporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (W009643-19) Water	Sampled: 25-Sep-00 00:00	Receive	d: 26-Sep	-00 13:53					
Ethanol	ND	5000	ug/l	10	0I28018	28-Sep-00	28-Sep-00	EPA 8260B	
tert-Butyl alcohol	ND	500	н	tt	Ħ	"	ı.	n	
Methyl tert-butyl ether	1400	20	II	u	11	11	"	**	
Di-isopropyl ether	ND	20	II .	II .	"	11	"	rr .	
Ethyl tert-butyl ether	ND	20	ij	h	п	**	"	ti ti	
tert-Amyl methyl ether	500	20	**	11	п	**	*	**	
Surrogate: Dibromofluorometh	ane	94.0 %	50-	150	"	и	"	"	
Surrogate: 1,2-Dichloroethane	-d4	82.0 %	50-	150	"	"	"	"	
MW-7 (W009643-20) Water	Sampled: 25-Sep-00 00:00	Received	l: 26-Sep	-00 13:53					R-05
Ethanol	ND	5000	ug/l	10	0128018	28-Sep-00	28-Sep-00	EPA 8260B	
tert-Butyl alcohol	ND	500	ч	**	**	"	n	"	
Methyl tert-butyl ether	82	20	ø	17	n	п	li .	**	
Di-isopropyl ether	ND	20		н	"	n.	,,	**	
Ethyl tert-butyl ether	ND	20		п	u	"	**	U	
tert-Amyl methyl ether	ND	20	H	п	п	11	#	14	
Surrogate: Dibromofluorometh	ane	96.0 %	50-	150		"	"	"	
Surrogate: 1,2-Dichloroethane-	-d4	17.2%	50-	150	n	"	#	"	S-04



2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

Semivolatile Organic Compounds by EPA Method 8270B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB4-3' (W009643-01) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-00	13:53					
A cenaphthene	ND	0.10	mg/kg	1	0128015	28-Sep-00	29-Sep-00	EPA 8270B	
Acenaphthylene	ND	0.10	11	11	**	'n	n n	It	
Anthracene	ND	0.10	11	••	Ħ	**	"	**	
Benzo (a) anthracene	ND	0.10	*	"	п	II .	71	rr	
Benzo (b) fluoranthene	ND	0.10	*1	**	n	ŋ	*1	и	
Benzo (k) fluoranthene	ND	0.10	**	H	"	"	u	11	
Benzo (ghi) perylene	ND	0.10	u	"	11	н	п	n	
Benzo[a]pyrene	ND	0.10	п	ч	11	**	ш	n	
Chrysene	ND	0.10	п	п	**	17	11	11	
Dibenz (a,h) anthracene	ND	0.10	u	**	"	11	**	*1	
Fluoranthene	ND	0.10	**	**	II .	It	11	14	
Fluorene	ND	0.10	FT	Ħ		η	"	R	
Indeno (1,2,3-cd) pyrene	ND	0.10	11	**	"	п	"	п	
2-Methylnaphthalene	ND	0.10	**	"	**	**		n	
Naphthalene	ND	0.10	**	11	"	11	п	+1	
Phenanthrene	ND	0.10	o o	11	"	17	п	**	
Pyrene	ND	0.10	n .	"	#	"	II	**	
Surrogate: 2-Fluorophenol		62.4 %	25-1	121	"	"	"	"	
Surrogate: Phenol-d6		61.4%	24-1		"	"	"	"	
Surrogate: Nitrobenzene-d5		70.3 %	23-1		"	u	ff.	"	
Surrogate: 2-Fluorobiphenyl		77.2 %	30-I	115	"	tr	"	и	
Surrogate: 2,4,6-Tribromoph	enol	67.6 %	19-1		"	,,,	"	"	
Surrogate: p-Terphenyl-d14		84.4 %	18-1		,,	"	"	"	
SB4-5' (W009643-02) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-00	13:53					
Acenaphthene	ND	0.10	mg/kg		0I28015	28-Sep-00	29-Sep-00	EPA 8270B	
Acenaphthylene	ND	0.10	11	"	,,	**	"	"	
Anthracene	ND	0.10	n	**	**	H	11	**	
Benzo (a) anthracene	ND	0.10	n	н	ч	п	*1	u	
Benzo (b) fluoranthene	ND	0.10	**	"	п	U	**	ıı .	
Benzo (k) fluoranthene	ND	0.10	316	**		U	U	п	
Benzo (ghi) perylene	ND	0.10	п	п	11	н	**	"	
Benzo[a]pyrene	ND	0.10	***	II .	**	**	u	**	
Chrysene	ND	0.10	**	U	**	**	ш		
Dibenz (a,h) anthracene	ND	0.10	16	n	,,	U	II.	79	
Fluoranthene	ND	0.10	ų.	н	**	H	11	17	
Fluorene	ND	0.10		+1	**	**	.,	**	
	1717	0.10							

Sequoia Analytical - Walnut Creek



2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

"		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB4-5' (W009643-02) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-00	13:53					
2-Methylnaphthalene	ND	0.10	mg/kg	1	0128015	28-Sep-00	29-Sep-00	EPA 8270B	
Naphthalene	ND	0.10	11	II	#	II	***	п	
Phenanthrene	ND	0.10	li	11	**	п	**	п	
Pyrene	ND	0.10	**	"	**	n .	,,	11	
Surrogate: 2-Fluorophenol		65.4 %	25-1.	21	μ	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	"	n	
Surrogate: Phenol-d6		63.6 %	24-1	13	rr .	п	"	"	
Surrogate: Nitrobenzene-d5		72.7 %	23-1.	20	и	n	#	"	
Surrogate: 2-Fluorobiphenyl		75.7 %	30-1	15	"	"	"	u	
Surrogate: 2,4,6-Tribromophe	enol	60.4 %	19-1.	22	u	n	"	"	
Surrogate: p-Terphenyl-d14		82.6 %	18-1.	<i>37</i>	"	"	"	"	
SB4-10' (W009643-03) Soil	Sampled: 25-Sep-00 00:00	Received	: 26-Sep-00	13:53					
Acenaphthene	ND	0.10	mg/kg	1	0128015	28-Sep-00	29-Sep-00	EPA 8270B	
Acenaphthylene	ND	0.10	**	II	u	n	17	#1	
Anthracene	ND	0.10	**	n	и :	"	**	**	
Benzo (a) anthracene	ND	0.10	**	11	u	1+	**	**	
Benzo (b) fluoranthene	ND	0.10	11	"	п	"	**	**	
Benzo (k) fluoranthene	ND	0.10	"	n	U	**	H r	**	
Benzo (ghi) perylene	ND	0.10	**	11	u	"	ęe	**	
Benzo[a]pyrene	ND	0.10	77	n	U	77	t r	**	
Chrysene	ND	0.10	**	"	II.	†•	11	**	
Dibenz (a,h) anthracene	ND	0.10	***	"		H		**	
Fluoranthene	ND	0.10	u	U	u	"	u	tt	
Fluorene	ND	0.10	u	"		**	10	"	
Indeno (1,2,3-cd) pyrene	ND	0.10	**	11		"	ч	71	
2-Methylnaphthalene	ND	0.10	**	11		11	н	†T	
Naphthalene	ND	0.10	н	"	"	11	47	71	
Phenanthrene	ND	0.10	π	μ	u	"	17	**	
Pyrene	ND	0.10	**	11	n	n	**	#	
Surrogate: 2-Fluorophenol		72.4 %	25-1.	21	"	"	"	"	
Surrogate: Phenol-d6		70.2 %	24-1	13	"	"	11	n	
Surrogate: Nitrobenzene-d5		80.5 %	23-1.		u	o	#	n	
Surrogate: 2-Fluorobiphenyl		85.6 %	30-1	15	"	"	#	"	
Surrogate: 2,4,6-Tribromophe	enol	66.4 %	19-1.	22	п	n	"	"	
Surrogate: p-Terphenyl-d14		87.4 %	18-1.	37	n .	"	11	n	



2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

Semivolatile Organic Compounds by EPA Method 8270B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB4-15' (W009643-04) Soil	Sampled: 25-Sep-00 00:00		26-Sep-	00 13:53					
Acenaphthene	ND	0.10	mg/kg	1	0128015	28-Sep-00	29-Sep-00	EPA 8270B	
Acenaphthylene	ND	0.10	**	71	II .	19	"	n	
Anthracene	ND	0.10	**	**	п	**	H	"	
Benzo (a) anthracene	ND	0.10	Ħ	t r	**	"	76	**	
Benzo (b) fluoranthene	ND	0.10	**	u	*1	II	77	It.	
Benzo (k) fluoranthene	ND	0.10	**	11	**	II	14	n	
Benzo (ghi) perylene	ND	0.10	17	II .	*1	II	1 1	**	
Benzo[a]pyrene	ND	0.10	н	11	**	Ħ	ti	R	
Chrysene	ND	0.10	"	"	u	**	a	n n	
Dibenz (a,h) anthracene	ND	0.10	"	tf	ш	"	U	u	
Fluoranthene	ND	0.10	"	IP.)1	Ħ	11	11	
Fluorene	ND	0.10	•	"	9	**	D	**	
Indeno (1,2,3-cd) pyrene	ND	0.10	***	**	н	"	*	17	
2-Methylnaphthalene	ND	0.10	er	ц	Ħ	u	п	н .	
Naphthalene	ND	0.10	"	ij	41	"	+1	"	
Phenanthrene	ND	0.10	**	11	*1	"	•	**	
Pyrene	ND	0.10		п	**	II	H	17	
Surrogate: 2-Fluorophenol		66.6 %	25-	121	"	"		"	
Surrogate: Phenol-d6		65.4 %	24-		<i>"</i>	"	. "	"	
Surrogate: Nitrobenzene-d5		74.5 %	23-		tr	"	"	"	
Surrogate: 2-Fluorohiphenyl		79.0 %	30-		"	"	"	,,	
Surrogate: 2,4,6-Tribromophe	enol	68.2 %	19-		"	"	n	"	
Surrogate: p-Terphenyl-d14		81.7 %	18-		n	"	u .	"	
SB4-18' (W009643-05) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sen-(00 13:53					
Acenaphthene	ND	0.10	mg/kg	1	0I28015	28-Sep-00	29-Sep-00	EPA 8270B	
Acenaphthylene	ND	0.10	11	0	"	20-36р-00	23-Bep-00	UE A 827VIII	
Anthracene	ND	0.10	1+	jı	T*	u	*!	31	
Benzo (a) anthracene	ND	0.10	11	,,	**	11	17	п	
Benzo (b) fluoranthene	ND	0.10	н	11	1+	11		п	
Benzo (k) fluoranthene	ND	0.10	n	n	п	 U	н		
Benzo (ghi) perylene	ND ND	0.10	n	**	11	,,		"	
Benzo[a]pyrene	ND ND	0.10			"	"	"	,,	
Chrysene	ND ND		"		"	n tı	"	"	
Dibenz (a,h) anthracene	ND	0.10	"	"	"	"	u	74	
Fluoranthene	ND ND	0.10	"	H	"	,,	"	"	
r idoranthene Fluorene		0.10	ır	11		"			
	ND ND	0.10	11	H H	14		n n		
Indeno (1,2,3-cd) pyrene	ND	0.10	,,	н	"	11	11	19	

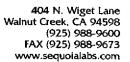
Sequoia Analytical - Walnut Creek



Project: Chevron

2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB4-18' (W009643-05) Soil	Sampled: 25-Sep-00 00:00	Received	26-Sep-0	00 13:53					
2-Methylnaphthalene	0.86	0.10	mg/kg	1	0128015	28-Sep-00	29-Sep-00	EPA 8270B	
Naphthalene	0.58	0.10	н	ч	11	"	**	Ħ	
Phenanthrene	ND	0.10	II .	**	**	n	"	**	
Pyrene	ND	0.10	II .	u	*1	**	**	**	
Surrogate: 2-Fluorophenol		70.8 %	25-	121	"	rr rr	ıı.	"	
Surrogate: Phenol-d6		69.2 %	24-	113	"	"	"	"	
Surrogate: Nitrobenzene-d5		79.3 %	23-1	120	и	"	"	tf	
Surrogate: 2-Fluorobiphenyl		86.8 %	30-1	115	"	"	"	n	
Surrogate: 2,4,6-Tribromopher	nol	76.4 %	19-1	122	"	"	"	"	
Surrogate: p-Terphenyl-d14		79.9 %	18-1	137	"	"	"	u .	
SB4-20' (W009643-06) Soil	Sampled: 25-Sep-00 00:00	Received	26-Sep-0	0 13:53					
Acenaphthene	ND	0.10	mg/kg	1	0128015	28-Sep-00	29-Sep-00	EPA 8270B	
Acenaphthylene	ND	0.10	#	n	n n	"	,,	u	
Anthracene	ND	0.10	**	"	п	n	"	п	
Benzo (a) anthracene	ND	0.10	ft	11	n n	11	n	ш	
Benzo (b) fluoranthene	ND	0.10	.,	"	"	H	**	n	
Benzo (k) fluoranthene	ND	0.10	11	**	п	**	"	II .	
Benzo (ghi) perylene	ND	0.10	11	**	11	**	**	n .	
Benzo[a]pyrene	ND	0.10	"	"	11	**	**	"	
Chrysene	ND	0.10	**	**	11	**	*	11	
Dibenz (a,h) anthracene	ND	0.10	"	n	PT	**	H	н	
Fluoranthene	ND	0.10	**	n .	17	н	(I	n	
Fluorene	ND	0.10	**	n .	**	"	u	11	
Indeno (1,2,3-cd) pyrene	ND	0.10	**	n	**	11	II .	u	
2-Methylnaphthalene	ND	0.10	17	n	Ħ	**	"	п	
Naphthalene	ND	0.10	Ħ	II.	**	II .	II .	н	
Phenanthrene	ND	0.10	н	u	11	"	"	n .	
Pyrene	ND	0.10	11	11	*1	U	и	n	
Surrogate: 2-Fluorophenol	· · · · · · · · · · · · · · · · · · ·	70.8 %	25-1	121	"	"	"	"	
Surrogate: Phenol-d6		68.0 %	24-1	113	"	и	u	n	
Surrogate: Nitrobenzene-d5		78.1 %	23-1		"	"	"	n	
Surrogate: 2-Fluorobiphenyl		84.4 %	<i>30-1</i>		"	"	"	n	
Surrogate: 2,4,6-Tribromopher	nol	74.6 %	19-1	122	"	"	"	"	
Surrogate: p-Terphenyl-d14		81.7%	18-1	137	"	"	"	n	



2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons

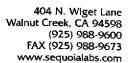
Reported: 10-Oct-00 11:05

Semivolatile Organic Compounds by EPA Method 8270B Sequoia Analytical - Walnut Creek

Acemaphthylene ND 0.10 " " " " " " " " " " " " " " " " " " "	Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acemaphthylene ND 0.10 " " " " " " " " " " " " " " " " " " "	SB4-24' (W009643-07) Soil	Sampled: 25-Sep-00 00:00	Received	: 26-Sep-	-00 13:53					
Anthracene ND 0.10 " " " " " " " " " " " " " " " " " " "	Acenaphthene		0.10	mg/kg	1	0I28015	28-Sep-00	30-Sep-00	EPA 8270B	
Serizo (a) anthracene ND	* -		0.10	**	**	**	ıı .	11	4r	
Senzo (b) fluoranthene	Anthracene	ND	0.10	u	78	11	II	**	TF	
Serzo (k) fluoranthene	7 -	ND	0.10	ш	Ħ	H	11	11	rr	
Senzo (ghi) perylene				"	II	Ħ	**	**	II .	
Serizo Energia Property P			0.10	"	II	п	**	**	11	
Chrysene			0.10	"	71	II.	II	11	n	
Dibert (a,h) anthracene		ND	0.10	"	"	11	*	"	**	
Pluoranthene	Chrysene		0.10	11	11	n	Ħ		**	
Plus ND	Dibenz (a,h) anthracene		0.10	tr	17	**	11	11	**	
Indeno (1,2,3-cd) pyrene	Fluoranthene		0.10	**	ņ	**	II	**	n n	
ND	Fluorene	ND	0.10	11	** .	10	"	**	17	
ND	. ,	ND	0.10	и	**	71	"	H	in .	
ND 0.10 " " " " " " " " "	2-Methylnaphthalene	ND	0.10	п	u	19	n	19	ц	
ND 0.10 " " " " " " " " "	Naphthalene	ND	0.10	"	и	**	**	••	11	
Surrogate: 2-Fluorophenol 63.4 % 25-121 " " " " " " " " " " " "	Phenanthrene	ND	0.10	"	II.	п	*	**	11	
Surrogate: Phenol-d6	Pyrene	ND	0.10	**	n	п	u	н	11	
Surrogate: Nitrobenzene-d5 S1.1 % 23-120 " " " " " " " " " " " "	Surrogate: 2-Fluorophenol	· · · · · · · · · · · · · · · · · · ·	63.4 %	25.	-121	"	"	"	"	
Surrogate: Nitrobenzene-d5	Surrogate: Phenol-d6		63.6 %			p.	n	"	n	
Surrogate: 2,4,6-Tribromophenol 93,4 % 19-122 " " " " " " " " " " " "	Surrogate: Nitrobenzene-d5					n	"	"	**	
Surrogate: 2,4,6-Tribromophenol 93,4 % 19-122 " " " " " " " " " " " "	Surrogate: 2-Fluorobiphenyl		77.8 %	30-	-115	"	"	,,	"	
Surrogate: p-Terphenyl-d14 71.8 % 18-137 " " " " " " " " " " " " " " " " " "	Surrogate: 2,4,6-Tribromophe	nol				"	"	"	"	
Acenaphthene ND 0.10 mg/kg 1 0128015 28-Sep-00 30-Sep-00 EPA 8270B Acenaphthylene ND 0.10 " " " " " " " " " " " " " " " " " " "	Surrogate: p-Terphenyl-d14		71.8 %			"	"	"	"	
Accnaphthylene ND 0.10 " " " " " " " " " " " " " " " " " " "	SB5-3' (W009643-08) Soil S	Sampled: 25-Sep-00 00:00	Received: 1	26-Sep-0	0 13:53					
Anthracene ND 0.10 " " " " " " " " " " " " " " " " " " "	Acenaphthene	ND	0.10	mg/kg	1	0128015	28-Sep-00	30-Sep-00	EPA 8270B	
Benzo (a) anthracene ND 0.10 " " " " " " " " " " " " " " " " " " "	Acenaphthylene	ND	0.10		U	11	11	14	н	
Benzo (b) fluoranthene ND 0.10 " " " " " " " " " " " " " " " " " " "	Anthracene	ND	0.10	"	U	п	++	Ħ	11	
Benzo (k) fluoranthene ND 0.10 """ """ """ Benzo (ghi) perylene ND 0.10 """ """ """ """ """ """ ""	Benzo (a) anthracene	ND	0.10	**	n	ц	"	**	**	
Benzo (ghi) perylene ND 0.10 " " " " " " " " " " " " " " " " " " "	Benzo (b) fluoranthene	ND	0.10	17	н	ij	п	"	et	
Senzo[a]pyrene	Benzo (k) fluoranthene	ND	0.10	н	**	'n	77	п	U	
Chrysene ND 0.10 " <t< td=""><td>Benzo (ghi) perylene</td><td>ND</td><td>0.10</td><td>11</td><td>*1</td><td>"</td><td>1+</td><td>U</td><td>••</td><td></td></t<>	Benzo (ghi) perylene	ND	0.10	11	*1	"	1+	U	••	
Dibenz (a,h) anthracene ND 0.10 "<	Benzo[a]pyrene	ND	0.10	**	**	**	**	U	₹#	
Thoranthene ND 0.10 " " " " " " " " " " " " " " " " " " "	Chrysene	ND	0.10	**	13	**	"	II .	ır	
ND 0.10 " <td>Dibenz (a,h) anthracene</td> <td>ND</td> <td></td> <td>"</td> <td>"</td> <td>19</td> <td>"</td> <td></td> <td>п</td> <td></td>	Dibenz (a,h) anthracene	ND		"	"	19	"		п	
Fluorene ND 0.10 " " " " " "	Fluoranthene	ND		**	"	11	ıı	11	u	
	Fluorene	ND		п	n	n.	п	н	ıı .	
	Indeno (1,2,3-cd) pyrene			II	11	**	II	t r	n	

Sequoia Analytical - Walnut Creek





2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

Semivolatile Organic Compounds by EPA Method 8270B Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB5-3' (W009643-08) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-00	13:53				•	
2-Methylnaphthalene	ND	0.10	mg/kg	1	0128015	28-Sep-00	30-Sep-00	EPA 8270B	
Naphthalene	ND	0.10	н	**	n	H	"	**	
Phenanthrene	ND	0.10	14	**	"	**	17	**	
Pyrene	ND	0.10	"	11	**	H	Ħ	tt .	
Surrogate: 2-Fluorophenol		55.6 %	25-	121	"	"	n	n .	
Surrogate: Phenol-d6		54.0 %	24-	113	"	"	"	"	
Surrogate: Nitrobenzene-d5		69.1 %	23-	120	#	u	rr	P	
Surrogate: 2-Fluorobiphenyl	!	70.0 %	30-1	115	"	"	n	n .	
Surrogate: 2,4,6-Tribromoph	ienol	86.6 %	19-1	122	#	ď	"	"	
Surrogate: p-Terphenyl-d14		73.0 %	18-1	137	"	"	"	"	
SB5-5' (W009643-09) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-00	13:53					
Acenaphthene	ND	0.10	mg/kg	1	0128015	28-Sep-00	30-Sep-00	EPA 8270B	
Acenaphthylene	ND	0.10	"	11	и	"	te	11	
Anthracene	ND	0.10	**	н	11	11	11	n	
Benzo (a) anthracene	ND	0.10	**	u.	n .	U	**	**	
Benzo (b) fluoranthene	ND	0.10	*1	**	II .	**	**	**	
Benzo (k) fluoranthene	ND	0.10	"	**	II .	11	**	**	
Benzo (ghi) perylene	NĐ	0.10	11	"	11	**	H	н	
Benzo[a]pyrene	ND	0.10	H	Ħ	n	**	#	u	
Chrysene	ND	0.10	"	**	"	ır	II	и	
Dibenz (a,h) anthracene	ND	0.10	**	н	**	H	ц	u	
Fluoranthene	ND	0.10	**	11	**	n	н	II	
Fluorene	ND	0.10	77	"	**	*1	II	II .	
Indeno (1,2,3-cd) pyrene	ND	0.10	**	**	**	+1	ii	II .	
2-Methylnaphthalene	ND	0.10	**	"	**	77	II	11	
Naphthalene	ND	0.10	"	**	**	**	h	II .	
Phenanthrene	ND	0.10	"	•	u	**	II	11	
Pyrene	ND	0.10	11	11	IF	++	ij	н	
Surrogate: 2-Fluorophenol	,	59.4 %	25-1	21	"	u	"	n	
Surrogate: Phenol-d6		<i>57.0</i> %	24-)	13	"	"	"	"	
Surrogate: Nitrobenzene-d5		76.6 %	23-1	20	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	1	74.8 %	30-1	15	"	"	"	"	
Surrogate: 2,4,6-Tribromoph	nenol	85.2 %	19-1	22	"	"	"	"	
Surrogate: p-Terphenyl-d14		73.3 %	18-1	37	"	"	"	"	

Sequoia Analytical - Walnut Creek





2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

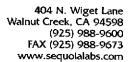
Semivolatile Organic Compounds by EPA Method 8270B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB5-10' (W009643-10) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-0	00 13:53		-			
Acenaphthene	ND	0.10	mg/kg	1	0128015	28-Sep-00	30-Sep-00	EPA 8270B	
Acenaphthylene	ND	0.10	"	**	*1	IJ	**	U	
Anthracene	ND	0.10	**	11	**	II	**	11	
Benzo (a) anthracene	ND	0.10	II .	77	ır	n	**	11	
Benzo (b) fluoranthene	ND	0.10	ш	**	11	**	Ħ	**	
Benzo (k) fluoranthene	ND	0.10	U	**	**	H	*	n	
Benzo (ghi) perylene	ND	0.10		и	**	"	**	17	
Benzo[a]pyrene	ND	0.10	**	ш	tt	"	н	n	
Chrysene	ND	0.10	**	IJ	u	"		**	
Dibenz (a,h) anthracene	ND	0.10	"	"	п	н	п	п	
Fluoranthene	ND	0.10	u	11	II.	и	ш	и	
Fluorene	ND	0.10	#1	**	pi.	h	"	u	
Indeno (1,2,3-cd) pyrene	ND	0.10	7*	**	,,	II .	,,	ıı .	
2-Methylnaphthalene	ND	0.10	n	11	н	II .	**	н	
Naphthalene	ND	0.10	н	*11	11	11	**	11	
Phenanthrene	ND	0.10	11	**	**	•	H	14	
Pyrene	ND	0.10	п	**		,,	n	**	
Surrogate: 2-Fluorophenol		63.0 %	25-	121	"	n n	n.	"	<u> </u>
Surrogate: Phenol-d6		62.2 %	24-		"	"	σ	"	
Surrogate: Nitrobenzene-d5		78.7%	23-,	120	rr .	n	u	"	
Surrogate: 2-Fluorobiphenyl		79.0 %	30		"	r.	"	rr .	
Surrogate: 2,4,6-Tribromophe	nol	87.0%	19-		"	"	"	<i>n</i>	
Surrogate: p-Terphenyl-d14		72.1 %	18-		"	"	11	"	
SB5-16' (W009643-11) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-0	0 13:53					
Acenaphthene	ND	0.10	mg/kg	1	0I28015	28-Sep-00	30-Sep-00	EPA 8270B	
Acenaphthylene	ND	0.10	"	**	u .	"	n n	п	
Anthracene	ND	0.10	n	tf.	ш	ii	11	11	
Benzo (a) anthracene	ND	0.10	**	"	"	ш	n	п	
Benzo (b) fluoranthene	ND	0.10	**	"	"	11	••	n	
Benzo (k) fluoranthene	ND	0.10	**	11	11	n	**	"	
Benzo (ghi) perylene	ND	0.10	Ħ	**	**	11	н	**	
Benzo[a]pyrene	ND	0.10		**	**	**	11	**	
Chrysene	ND	0.10	u	"	11	,,	et	*1	
Dibenz (a,h) anthracene	ND	0.10	п	н	b	h	**	,,	
Fluoranthene	ND ND	0.10			17	14	*1	n	
Fluorene	ND ND	0.10		п	,,	n n	"	,,	
14010110	MD	0.10					**		

Sequoia Analytical - Walnut Creek





2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

Semivolatile Organic Compounds by EPA Method 8270B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB5-16' (W009643-11) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-0	0 13:53					
2-Methylnaphthalene	ND	0.10	mg/kg	1	0128015	28-Sep-00	30-Sep-00	EPA 8270B	
Naphthalene	ND	0.10	11	11	**	н	11	"	
Phenanthrene	ND	0.10	17	11	п	H	**	"	
Pyrene	ND	0.10	"	U	п	п	"	11	
Surrogate: 2-Fluorophenol		60.4 %	25-1	121	u	''	"	"	
Surrogate: Phenol-d6		59.0 %	24-1	! 13	"	"	"	"	
Surrogate: Nitrobenzene-d5		76.0 %	23-1		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		72.1 %	30-i	115	"	n .	"	u	
Surrogate: 2,4,6-Tribromophe	nol	81.0 %	19-1	122	"	"	"	"	
Surrogate: p-Terphenyl-d14		70.0 %	18-1	137	"	9	"	"	
SB5-20' (W009643-12) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-0	0 13:53					
Acenaphthene	ND	0.10	mg/kg	1	0128015	28-Sep-00	30-Sep-00	EPA 8270B	
A cenaphthylene	ND	0.10	"	n n	Tr.	P.	"	**	
Anthracene	ND	0.10	17	n n	11	"	**	it.	
Benzo (a) anthracene	ND	0.10	†r	n	п	Ħ	**	et	
Benzo (b) fluoranthene	ND	0.10	77	n	п	11	u	v	
Benzo (k) fluoranthene	ND	0.10	**	11	"	**	II .	14	
Benzo (ghi) perylene	ND	0.10	"	••	ii	le .	ч	Ħ	
Benzo[a]pyrene	ND	0.10	II .	**	11	11	U	tı	
Chrysene	ND	0.10	ч	**	**	**	u u	н	
Dibenz (a,h) anthracene	ND	0.10	11	11	n	#	n	u	
Fluoranthene	ND	0.10	II .	17	н	#	11	u	
Fluorene	ND	0.10	D	77	**	u	**	п	
Indeno (1,2,3-cd) pyrene	ND	0.10	"	**	**	II	**	н	
2-Methylnaphthalene	ND	0.10	**	n	11	II	Ħ	D.	
Naphthalene	ND	0.10	**	u	**	II .	n	D	
Phenanthrene	ND	0.10	#	u	**	n	b	n	
Pyrene	ND	0.10	***	u	u	II.	19	H	
Surrogate: 2-Fluorophenol		59.6 %	25-1	21	"	"	"	"	
Surrogate: Phenol-d6		58.2 %	24-1		"	n	п	"	
Surrogate: Nitrobenzene-d5		73.0 %	23-1		11	н	"	"	
Surrogate: 2-Fluorobiphenyl		73.0 %	30-1		"	и	"	"	
Surrogate: 2,4,6-Tribromopher	nol	77.0 %	19-1		n.	"	"	n	
Surrogate: p-Terphenyl-d14		79.3 %	18-1		n	"	u	"	



Chrysene

2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

Semivolatile Organic Compounds by EPA Method 8270B Sequoia Analytical - Walnut Creek

Reporting Result Analyte Limit Units Dilution Batch Prepared Analyzed Method Notes SB5-24' (W009643-13) Soil Sampled: 25-Sep-00 00:00 Received: 26-Sep-00 13:53 Acenaphthene ND 0.10 0128015 mg/kg 28-Sep-00 30-Sep-00 **EPA 8270B** Acenaphthylene ND 0.10 Anthracene п ND 0.10 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

Dibenz (a,h) anthracene	ND	0.10	17	**	11	ii .	11	II
Fluoranthene	ND	0.10	11	**	17	п	n	п
Fluorene	ND	0.10	"	п	**	n	"	n
Indeno (1,2,3-cd) pyrene	ND	0.10	II	п	Ħ	p	rr	**
2-Methylnaphthalene	ND	0.10	u	n.	**	"	n	**
Naphthalene	ND	0.10	II	н	u	D	11	п
Phenanthrene	ND	0.10	ш	n	u	Ħ	+1	11
Pyrene	ND	0.10	U	11	n	**	"	11
Surrogate: 2-Fluorophenol		56.8 %	25-121		σ	"	и	"
Surrogate: Phenol-d6		55.0 %	24-113	;	"	W	"	а
Surrogate: Nitrobenzene-d5		73.0 %	23-120)	"	"	"	"
Surrogate: 2-Fluorobiphenyl		71.2%	30-115	ī	n	и	"	"
Surrogate: 2,4,6-Tribromophenol		84.8 %	19-122	?	"	и	n	"
Surrogate: p-Terphenyl-d14		74.8 %	18-137	,	"	n	"	"

0.10

ODC 31	4.000 C 4.0 C 4.0 C 4.0	C11466 00000	
2D0-2.1	YY UU	Sampled: 25-Sep-00 00:00	Received: 26-Sen-00-13:53

ND

		200000.000.	To sop oo	10.50					
Acenaphthene	ND	0.10	mg/kg	1	0I28015	28-Sep-00	30-Sep-00	EPA 8270B	
Acenaphthylene	ND	0.10	H	**	ų.	u	"	11	
Anthracene	ND	0.10	**	*	"	II	**	n	
Benzo (a) anthracene	ND	0.10	+1	11	D	п	ff.	tt.	
Benzo (b) fluoranthene	ND	0.10	n	11	17	II	11	**	
Benzo (k) fluoranthene	ND	0.10	"		**	"	,,	**	
Benzo (ghi) perylene	ND ND	0.10	"	п	17	п	"	n	
Benzo[a]pyrene	ND	0.10	D	ш	**	"	**	11	
Chrysene	ND	0.10)1		"	**	n	
Dibenz (a,h) anthracene	ND	0.10	n.	"	ш	***	"	**	
Fluoranthene	ND	0.10	ш	п	u	**	R	*T	
Fluorene	ND	0.10	n.	,,		14	и	**	
Indeno (1,2,3-cd) pyrene	ND	0.10	n	,,		"	и	u	

Sequoia Analytical - Walnut Creek



2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

Semivolatile Organic Compounds by EPA Method 8270B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB6-3' (W009643-14) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-00	0 13:53					
2-Methylnaphthalene	ND	0.10	mg/kg	1	0128015	28-Sep-00	30-Sep-00	EPA 8270B	
Naphthalene	ND	0.10	*	н	41	ŋ	U	II .	
Phenanthrene	ND	0.10	**	11	41	11	U	n	
Pyrene	ND	0.10	11	11	**	"	II	п	
Surrogate: 2-Fluorophenol		59.8 %	25-	121	"	"	n	n	
Surrogate: Phenol-d6		59.4 %	24-	113	"	"	"	"	
Surrogate: Nitrobenzene-d5		76.9 %	23-	120	"	"	"	"	
Surrogate: 2-Fluorobiphenyi	!	76.6 %	30-	115	"	"	"	0	
Surrogate: 2,4,6-Tribromoph	nenol	92.6 %	19-	122	"	u	"	"	
Surrogate: p-Terphenyl-d14		75.7 %	18-	137	"	"	"	"	
SB6-5' (W009643-15) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-00	13:53					
Acenaphthene	ND	0.10	mg/kg	1	0128015	28-Sep-00	30-Sep-00	EPA 8270B	
Acenaphthylene	ND	0.10	п	"	"	п	**	***	
Anthracene	ND	0.10	n		17	п	77	**	
Benzo (a) anthracene	ND	0.10	п	II .	ш	н	**	и	
Benzo (b) fluoranthene	ND	0.10	#	"	II .	п	II .	u	
Benzo (k) fluoranthene	ND	0.10	"	"	II .	II .	n .	п	
Benzo (ghi) perylene	ND	0.10	**	**	11	ŋ	u .	11	
Benzo[a]pyrene	ND	0.10	**	**	11	11	Ш	п	
Chrysene	ND	0.10	"	17	11	11	II	n	
Dibenz (a,h) anthracene	ND	0.10	Ħ	**	11	+1	n	и	
Fluoranthene	ND	0.10	n	n	**	**	U	н	
Fluorene	ND	0.10	**	u	+1	**	11	"	
Indeno (1,2,3-cd) pyrene	ND	0.10	11	n	**	**		**	
2-Methylnaphthalene	ND	0.10	"	"	19	н	"	57	
Naphthalene	ND	0.10	H	11	**	++	"	**	
Phenanthrene	ND	0.10	11	**	"	H	m .	**	
Pyrene	ND	0.10	**	**	11	n	11	I†	
Surrogate: 2-Fluorophenol		57.2 %	25-	121	"	"	"	"	
Surrogate: Phenol-d6		55.8 %	24	113	"	"	n	"	
Surrogate: Nitrobenzene-d5		71.5 %	23-,	120	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		71.8 %	30	115	"	"	"	"	
Surrogate: 2,4,6-Tribromoph	ienol	86.2 %	19-	122	"	H	"	"	
Surrogate: p-Terphenyl-d14		75.4 %	18-	137	"	"	"	"	

Sequoia Analytical - Walnut Creek

2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported**: 10-Oct-00 11:05

Semivolatile Organic Compounds by EPA Method 8270B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB6-10' (W009643-16) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-	00 13:53					
Acenaphthene	ND	0.10	mg/kg	1	0128015	28-Sep-00	30-Sep-00	EPA 8270B	
Acenaphthylene	ND	0.10	**	ц	н	u	11	Ħ	
Anthracene	ND	0.10	п	11	п	II	"	п	
Benzo (a) anthracene	ND	0.10	"	11		II	**	u	
Benzo (b) fluoranthene	ND	0.10	**	11	u	IJ	**	11	
Benzo (k) fluoranthene	ND	0.10	**	**	11	11	tr	n	
Benzo (ghi) perylene	ND	0.10	**	**	n	"	"	п	
Benzo[a]pyrene	ND	0.10	**	"	U	*	11	11	
Chrysene	ND	0.10	11	.,	U	"	п	**	
Dibenz (a,h) anthracene	ND	0.10	u	17	,,,	17	ч	**	
Fluoranthene	ND	0.10	"	n	"	ut.		**	
Fluorene	ND	0.10	п	*11	11	п	п	w	
Indeno (1,2,3-cd) pyrene	ND	0.10	IJ	**	11	"	"	11	
2-Methylnaphthalene	ND	0.10	U	**	77	"	71	**	
Naphthalene	ND	0.10	11	**	11	••	71	#1	
Phenanthrene	ND	0.10	п	11	н	**	**	**	
Pyrene	ND	0.10	n	"	"	"	"	"	
Surrogate: 2-Fluorophenol	, , , , , , , , , , , , , , , , , , , ,	45.2 %	25-	121	"	и	"	H.	- · ·
Surrogate: Phenol-d6		46.4%		113	"	u	"	. "	
Surrogate: Nitrobenzene-d5		56.2%		120	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		62.2 %		.115	n	"	н	"	
Surrogate: 2,4,6-Tribromophe.	nol	79.0 %		122	"	u	n	"	
Surrogate: p-Terphenyl-d14		78.7 %		137	"	"	"	"	
• • • •	Sampled: 25-Sep-00 00:00								
Acenaphthene	ND	0.10	mg/kg	1	0I28015	28-Sep-00	30-Sep-00	EPA 8270B	
Acenaphthylene	ND	0.10	""	"	"	и	"	"	
Anthracene	ND	0.10	**	11	11	"	17	n	
Benzo (a) anthracene	ND	0.10	11	11	u	н	İr	п	
Benzo (b) fluoranthene	ND	0.10		**	"	,,	ır	11	
Benzo (k) fluoranthene	ND	0.10	11	,,	11	,,	u	"	
Benzo (ghi) perylene	ND ND	0.10	"	*1	u	11	и	11	
Benzo[a]pyrene	ND ND	0.10	"	**	"	,,	"	"	
Chrysene	ND ND	0.10	,,	**				**	
Dibenz (a.h) anthracene	ND ND	0.10	**		 U	**	u u	**	
Fluoranthene	ND ND	0.10	"	rt	" "	**	" "		
Fluorannene			"	.,	"	**	" "		
	ND ND	0.10	" "	17	 U	**	" "	2*	
Indeno (1,2,3-cd) pyrene	ND	0.10	.,		.,	,,	.,		

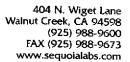
Sequoia Analytical - Walnut Creek



2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB6-23' (W009643-17) Soil	Sampled: 25-Sep-00 00:00	Received:	26-Sep-	00 13:53					
2-Methylnaphthalene	ND	0.10	mg/kg	1	0128015	28-Sep-00	30-Sep-00	EPA 8270B	
Naphthalene	ND	0.10	*	п	**	**	**	11	
Phenanthrene	ND	0.10	••	n	17	"	**	17	
Pyrene	ND	0.10	••	H	**	**	**	u ·	
Surrogate: 2-Fluorophenol		62.4 %	25-	121	и	<i>"</i>	r	"	
Surrogate: Phenol-d6		60.2 %	24-	113	"	"	"	**	
Surrogate: Nitrobenzene-d5		76.0 %	23-	120	"	u	"	"	
Surrogate: 2-Fluorobiphenyl		77.2 %	30-	115	"	u	"	н	
Surrogate: 2,4,6-Tribromophe	nol	86.0 %	19-	122	"	"	"	"	
Surrogate: p-Terphenyl-d14		77.5 %	18-	137	"	"	"	n	
MW-2 (W009643-18) Water	Sampled: 25-Sep-00 00:0	Received	i: 26-Sep	-00 13:53					
Acenaphthene	ND	5.0	ug/l	1	0129009	29-Sep-00	02-Oct-00	EPA 8270B	
Acenaphthylene	ND	5.0	"	**	**	U	n		
Anthracene	ND	5.0	"	ч	**	U	π	**	
Benzo (a) anthracene	ND	5.0	II .	u	19	II	**	**	
Benzo (b) fluoranthene	ND	5.0		u	14	U	π	**	
Benzo (k) fluoranthene	ND	5.0	11	u	17	II .	v	17	
Benzo (ghi) perylene	ND	5.0	II .	п	41	11	19	44	
Benzo[a]pyrene	ND	5.0	"	п	"	"	v	tt.	
Chrysene	ND	5.0	"	II .	**	**	ı,	11	
Dibenz (a,h) anthracene	ND	5.0	*1	II .	•	н	*	п	
Fluoranthene	ND	5.0	11	11	ŧ+	77	**	н	
Fluorene	ND	5.0	**	U	11	**	41	п	
Indeno (1,2,3-cd) pyrene	ND	5.0	••	n	lt .	11	**	п	
2-Methylnaphthalene	11	5.0	**	"	u	**	#1	n	
Naphthalene	39	5.0	**	"	11	11	*1	п	
Phenanthrene	ND	5.0	Ħ	77	u	U	"	н	
Pyrene	ND	5.0	P+	**	u	п	11	11	
Surrogate: 2-Fluorophenol		18.4 %	21-	110	"	"	u	"	S-03
Surrogate: Phenol-d6		13.0 %	10-	110	"	"	tr	н	
Surrogate: Nitrobenzene-d5		37.2 %	35-	114	"	"	н	n	
Surrogate: 2-Fluorobiphenyl		43.9 %	43-	116	"	"	"	"	
Surrogate: 2,4,6-Tribromophe	nol	66.0 %	10-	123	"	"	н	n	
Surrogate: p-Terphenyl-d14		66.5 %	33-	141	"	**	"	"	



2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons

Reported: 10-Oct-00 11:05

Semivolatile Organic Compounds by EPA Method 8270B

Sequoia Analytical - Walnut Creek

Analyte	Result	Leporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (W009643-19) Water	Sampled: 25-Sep-00 00:00	Received	l: 26-Sep	-00 13:53					·
Acenaphthene	ND	25	ug/l	5	0129009	29-Sep-00	03-Oct-00	EPA 8270B	
Acenaphthylene	ND	25	**	Ot.	77	η,	п	tr .	
Anthracene	ND	25	а	n n	tr	**	"	"	
Benzo (a) anthracene	ND	25		n	**	**	11	***	
Benzo (b) fluoranthene	ND	25	11	11	**	u	"	rt .	
Benzo (k) fluoranthene	ND	25	"	n	**	II .	"	n .	
Benzo (ghi) perylene	ND	25	**	**	u	II.	**	n .	
Benzo[a]pyrene	ND	25	**	**	п	"	n	п	
Chrysene	ND	25	9	11	п	"	**	n	
Dibenz (a,h) anthracene	ND	25	n .	**	11	**	**	17	
Fluoranthene	ND	25	**	**	11	***	rr	***	
Fluorene	ND	25	**	**	**	ji .	п	ц	
Indeno (1,2,3-cd) pyrene	ND	25	н	u	**	77	п	ч	
2-Methylnaphthalene	51	25	ч	u	***	***	п	. 44	
Naphthalene	200	25	u	п	н	**	п	**	
Phenanthrene	ND	25	п	п	71	ч	11	tt	
Pyrene	ND	25	"	н	"	"	**	n .	
Surrogate: 2-Fluorophenol		13.1 %	21-	110	"	n n	"	n .	S-04
Surrogate: Phenol-d6		17.5%	10-		"	"	,,	"	15-07
Surrogate: Nitrobenzene-d5		57.4%	35-		"	"	"	n	
Surrogate: 2-Fluorobiphenyl		69.9 %	43-		"	ņ	tt	n	
Surrogate: 2,4,6-Tribromopheno	·l	64.6 %	10-		"	"	"	"	
Surrogate: p-Terphenyl-d14		72.8 %	33-,		rr	n	к	"	
	Sampled: 25-Sep-00 00:00								
Acenaphthene	ND	5.0	ug/l	1	0129009	29-Sep-00	02-Oct-00	EPA 8270B	
Acenaphthylene	ND	5.0	"	**	"	"	"	"	
Anthracene	ND	5.0	ŧī	п	**	"	п	"	
Benzo (a) anthracene	ND	5.0	4	п	**	"	11	17	
Benzo (b) fluoranthene	ND	5.0	"	п	14	**	п	**	
Benzo (k) fluoranthene	ND	5.0	li .	11	11	"	"	u	
Benzo (ghi) perylene	ND	5.0	п	п	77	п	II	и	
Benzo[a]pyrene	ND	5.0	U	11	**	n	**	ц	
Chrysene	ND	5.0	n	91	**	u	"	μ	
Dibenz (a.h) anthracene	ND	5.0	"	**	11	II	rr	п	
Fluoranthene	ND	5.0	,,	Ŧſ	н	II.	11	п	
Fluorene	ND	5.0	n	17		h			
	112	2.0							

Sequoia Analytical - Walnut Creek





2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

Semivolatile Organic Compounds by EPA Method 8270B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-7 (W009643-20) Water S	ampled: 25-Sep-00 00:00	Received	1: 26-Sep	-00 13:53					
2-Methylnaphthalene	17	5.0	ug/l	1	0129009	29-Sep-00	02-Oct-00	EPA 8270B	· · · · · · · · · · · · · · · · · · ·
Naphthalene	120	5.0	**	и	17	U	17	u	
Phenanthrene	ND	5.0	r	II .	**	If	п	п	
Pyrene	ND	5.0	**	II .	**	**	11	II .	
Surrogate: 2-Fluorophenol	TANA V.	0.133 %	21-	110	"	"	"	и	S-03
Surrogate: Phenol-d6		20.7 %	10-	110	"	"	"	n	
Surrogate: Nitrobenzene-d5		61.9 %	35-	114	"	"	"	rr .	
Surrogate: 2-Fluorobiphenyl		67.7 %	43-	116	"	н	"	n	
Surrogate: 2,4,6-Tribromophenol		83.3 %	10-	123	"	"	u	n	
Surrogate: p-Terphenyl-d14		63.8 %	33-	141	"	"	"	"	



2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

Organochlorine Pesticides by EPA Method 8081A Star Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB4-3' (W009643-01) Solid	Sampled: 25-Sep-00 00:00	Received	26-Sep-	00 13:53					
Aldrin	2.84	1.00	ug/kg	1	V0I2915	29-Sep-00	02-Oct-00	EPA 8081A	
alpha-BHC	ND	1.00	11	Ħ	41	u	**	If	
beta-BHC	ND	1.00	11	ŧŧ	**	tt.	**	II	
delta-BHC	ND	1.00	*1	"	•	11	**	II .	
gamma-BHC (Lindane)	ND	1.00	**	**	**	H	ц	и	
alpha-Chlordane	ND	5.00	rt	**	**	**	u	II	
gamma-Chlordane	ND	2.00	11	"	n	**	п	#	
4,4′-DDD	ND	6.00	#1	**	Ħ	**	п	**	
4,4'-DDE	ND	6.00	п	u	#1	Ħ	n n	11	
4,4'-DDT	ND	6.00	"	п	n	u	"	**	
Dieldrin	ND	2.00	**	u	**	u	n	*	
Endosulfan I	ND	2.00	,,,	ч	**	н	п	स	
Endosulfan II	ND	2.00	"		"	ш	"	н	
Endosulfan sulfate	ND	6.00	**	II	"	п	U	71	
Endrin	ND	2.00	**	н	16	μ	1)	11	
Endrin aldehyde	ND	6.00	***		17		n	"	
Heptachlor	2.08	1.00	**	ıı .	п	п	"	19	
Heptachlor epoxide	ND	1.00		IJ	u	п	**	16	
Methoxychlor	ND	20.0	te	U	и	n.	**	te	
Toxaphene	ND	80.0	"	п	п	11	**	**	
Surrogate: TCMX		126 %	34-	192	"	"	"		
Surrogate: Decachlorobiphen	yl	257 %		130	"	"	"	"	S-07
SB4-5' (W009643-02) Solid	Sampled: 25-Sep-00 00:00	Received:	26-Sep-	00 13:53					
Aldrin	3.07	1.00	ug/kg	3	V0I2915	29-Sep-00	02-Oct-00	EPA 8081A	
alpha-BHC	ND	1.00		н	ч	11	11	ц	
beta-BHC	ND	1.00	п	"	II .	11	Ħ	п	
delta-BHC	ND	1.00		*	h	**	**	n .	
gamma-BHC (Lindane)	ND	1.00	U	11	n .	17	tī.	п	
alpha-Chlordane	ND	5.00	ч	"	"	**	U	u	
-			н	**	11	**	11	n	
gamma-Chlordane	ND	2.00							
gamma-Chìordane 4,4´-DDD	ND ND	2.00 6.00	ш	"		75	U	п	
4,4´-DDD	ND	6.00	n n	"	"	म ff	u u	n n	
4,4^-DDD 4,4^-DDE	ND ND	6.00 6.00							
4,4′-DDD 4,4′-DDE 4,4′-DDT	ND ND ND	6.00 6.00 6.00	п	n	"1	#	U	п	
4,4´-DDD 4,4´-DDE 4,4´-DDT Dieldrin	ND ND ND ND	6.00 6.00 6.00 2.00	11 11	"	11	ff 1f	n n	n n	
4,4′-DDD 4,4′-DDE 4,4′-DDT	ND ND ND	6.00 6.00 6.00	11 11	11 11	11 11	11 11	11 11	11 11	

Sequoia Analytical - Walnut Creek





2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

Organochlorine Pesticides by EPA Method 8081A Star Analytical, Inc.

				cur, mic.					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB4-5' (W009643-02) Solid	Sampled: 25-Sep-00 00:00	Received	: 26-Sep-	00 13:53		· -			
Endrin	ND	2.00	ug/kg	1	V0I2915	29-Sep-00	02-Oct-00	EPA 8081A	
Endrin aldehyde	ND	6.00	11	II.	19	н	н	II.	
Heptachlor	2.10	1.00	н	"	tP	*1	II.	н	
Heptachlor epoxide	ND	1.00	п	п	17	11	n	"	
Methoxychlor	ND	20.0	11	II.	Ħ	н	"	**	
Toxaphene	ND	80.0	II .	11	11	11	**	•	
Surrogate: TCMX		115 %	34-	192	"	#	#	"	
Surrogate: Decachlorobiphen	yl	242 %	60-	130	"	н	u	и	S-07
SB4-10' (W009643-03) Solid	Sampled: 25-Sep-00 00:00	Receive	d: 26-Sep	-00 13:53					
Aldrin	ND	1.00	ug/kg	1	V0I2915	29-Sep-00	02-Oct-00	EPA 8081A	
alpha-BHC	ND	1.00	"	"	17	"	**	u	
beta-BHC	ND	1.00	**	п	It	u	н	п	
delta-BHC	ND	1.00	**		н	u	u	II .	
gamma-BHC (Lindane)	ND	1.00	10	н	п	п	II .	п	
alpha-Chlordane	ND	5.00	19	**	п	II.	u	li .	
gamma-Chlordane	ND	2.00	10	••	II	п	u u	li .	
4,4′-DDD	ND	6.00	17	"	п	ii .	· ·	II .	
4,4´-DDE	ND	6.00	1f	#	11	II	ii	п	
4,4'-DDT	ND	6.00	IR	*	11	ij	u u	11	
Dieldrin	ND	2.00	r	**	11	II	u	II .	
Endosulfan I	ND	2.00	**	**)1	h	U	II .	
Endosulfan II	ND	2.00	**	**	п	IJ	n n	'n	
Endosulfan sulfate	ND	6.00	*1	н	IJ	μ	II .	"	
Endrin	ND	2.00	*1	**	n	h	Ü	11	
Endrin aldehyde	ND	6.00	11	11	п	n	II	н	
Heptachlor	ND	1.00	**	"	n	II .	u.	n	
Heptachlor epoxide	ND	1.00	**	и	п	II	Ü	11	
Methoxychlor	ND	20.0	**	ø	11	U	n	n	
Toxaphene	ND	80.0	77	**	п	"	U	п	
Surrogate: TCMX		83.1 %	34-	192	и	n	ρ	"	
~									

241 %

Surrogate: Decachlorobiphenyl

60-130

S-07

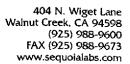
2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

Organochlorine Pesticides by EPA Method 8081A Star Analytical, Inc.

Stat Anarytical, Inc.													
Analyte	Result	eporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes				
SB4-15' (W009643-04) Solid	Sampled: 25-Sep-00 00:00	Receive	d: 26-Sep	-00 13:53	·				-				
Aldrin	ND	1.00	ug/kg	1	V0I2915	29-Sep-00	02-Oct-00	EPA 8081A					
alpha-BHC	ND	1.00	"	11	**	+	11	**					
beta-BHC	ND	1.00	**	77	**	#	**	*					
delta-BHC	ND	1.00	**	**	**	п	**	H					
gamma-BHC (Lindane)	ND	1.00	**	**	11	п	**	u					
alpha-Chlordane	ND	5.00	rt	tt		п	11	n					
gamma-Chlordane	ND	2.00	**	n n	11	II	**	n .					
4,4´-DDD	ND	6.00	11'	u	**	II.	11	II .					
4,4'-DDE	ND	6.00	**	11	77	IJ	77	п					
4,4'-DDT	ND	6.00	**	ш	**	II .	**	n .					
Dieldrin	ND	2.00	**	п	Ħ	v	**	"					
Endosulfan I	ND	2.00	**	n	ш	"	п	11					
Endosulfan II	ND	2.00	"	п	11	ır	17	***					
Endosulfan sulfate	ND	6.00	17	n	ш	"		***					
Endrin	ND	2.00	p.	11	11	н	ш	n					
Endrin aldehyde	ND	6.00	ш	77	11	"	п	п					
Heptachlor	ND	1.00	lı .	**	U	++		н					
Heptachlor epoxide	ND	1.00	11	71	U	n	п	11					
Methoxychlor	ND	20.0	п	**	п	**	n n	Ħ					
Toxaphene	ND	80.0	"	**	n	*1	"	••					
Surrogate: TCMX		78.9 %	34	192	0	"	"	<i>"</i>					
Surrogate: Decachlorobipheny	rl .	208 %	60	130	"	"	n	"	S-07				
SB4-18' (W009643-05) Solid	Sampled: 25-Sep-00 00:00	Received	1: 26-Sep	-00 13:53									
Aldrin	ND	1.00	ug/kg	1	V0I2915	29-Sep-00	02-Oct-00	EPA 8081A					
alpha-BHC	ND	1.00	"	"	**	п п	**	u					
beta-BHC	ND	1.00	**	"	**	•	**	u					
delta-BHC	ND	1.00	**	**	*1	*	**	n .					
gamma-BHC (Lindane)	ND	1.00	**	***	**	Ħ	Ħ	n					
alpha-Chlordane	ND	5.00	,	**	,,	н	**	u					
gamma-Chlordane	ND	2.00	**	**	*1	"	n	n					
4,4′-DDD	ND	6.00	**	**	u	Ħ	tt	U					
4,4'-DDE	ND	6.00	74	ч		Ħ	11	n					
4,4'-DDT	ND	6.00	**	"	11	"	**	n					
Dieldrin	ND	2.00	Pf	u	,,,	,,	μ	u .					
Endosulfan I	ND	2.00	ŧŦ	u	U	п	11	"					
Endosulfan II	ND	2.00	"	"	11	"	11	u ·					
Endosulfan sulfate	ND	6.00	ir	u	v	ш	"	"					
Diesoniui ogiae	1110	0.00											

Sequoia Analytical - Walnut Creek



Project: Chevron

2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

Organochlorine Pesticides by EPA Method 8081A Star Analytical, Inc.

Analyte	R Result	eporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB4-18' (W009643-05) Solid	Sampled: 25-Sep-00 00:00	Receive	l: 26-Sep	-00 13:53					
Endrin	ND	2.00	ug/kg	1	V0I2915	29-Sep-00	02-Oct-00	EPA 8081A	
Endrin aldehyde	ND	6.00	U	п	**	"	tr	IT	
Heptachlor	ND	1.00	11	11	**	•	н	II .	
Heptachlor epoxide	ND	1.00	II .	11	**	rr	17	ц	
Methoxychlor	ND	20.0	n	11	II .	H	II	п	
Toxaphene	ND	80.0	"	**	Ħ	"	u	п	
Surrogate: TCMX	7 - 45 - 44	116%	34.	192	n	"	"	"	
Surrogate: Decachlorobiphenyl	!	220 %	60-	130	"	"	n	u	S-07
SB4-20' (W009643-06) Solid	Sampled: 25-Sep-00 00:00	Received	l: 26-Sep	-00 13:53					
Aldrin	ND	1.00	ug/kg	1	V012915	29-Sep-00	02-Oct-00	EPA 8081A	
alpha-BHC	ND	1.00	11	**	п	11	п	п	
beta-BHC	ND	1.00	H	**	п	**	п	11	
delta-BHC	ND	1.00	71	"	0	**		n	
gamma-BHC (Lindane)	ND	1.00	11		п	н	н	11	
alpha-Chlordane	ND	5.00	**	Ħ	II .	**	II .	11	
gamma-Chlordane	ND	2.00	#	"	U	**	li .	11	
4,4'-DDD	ND	6.00	**	n	п	#	"	11	
4,4'-DDE	ND	6.00	11	Ħ	II .	11	п	11	
4,4 -DDT	ND	6.00	**	17		•	"	11	
Dieldrin	ND	2.00	**	**		**	"	"	
Endosulfan I	ND	2.00	*	**	n n	**	II	11	
Endosulfan II	ND	2.00	11	11		**	"	"	
Endosulfan sulfate	ND	6.00	**	11	u	**	11	"	
Endrin	ND	2.00	"	i†	II .	17	n)ı	
Endrin aldehyde	ND	6.00	"	,,	"	•	п	"	
Heptachlor	ND	1.00	"	11		**	u	11	
Heptachlor epoxide	ND	1.00	11	£ †	n n	**	п	н	
Methoxychlor	ND	20.0	U	**	"	"	n .	п	
Toxaphene	ND	80.0	U	17	u	"	"	11	
Surrogate: TCMX		117%	34-	192	"	"	rr .	ır .	
Surrogate: Decachlorobiphenyi	Į.	220 %	60-	130	"	"	n	n .	S-07



Project: Chevron

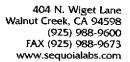
2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

Organochlorine Pesticides by EPA Method 8081A Star Analytical, Inc.

		Star A	шануп	cai, inc.					
Analyte	Result	Leporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB4-24' (W009643-07) Solid	Sampled: 25-Sep-00 00:00	Receive	d: 26-Sep	-00 13:53					
Aldrin	ND	1.00	ug/kg	1	V0I2915	29-Sep-00	02-Oct-00	EPA 8081A	
alpha-BHC	ND	1.00	,,	**	u	,,	"	II .	
beta-BHC	ND	1.00	••		11		n	n	
delta-BHC	ND	1.00	**	17	п	π	"	11	
gamma-BHC (Lindane)	ND	1.00	***	11	п	"	"	n .	
alpha-Chlordane	ND	5.00	н	71		17	"	11	
gamma-Chlordane	ND	2.00	**	**	11	#	*	**	
4,4′-DDD	ND	6.00	**	**	**	rt .	11	PT	
4,4'-DDE	ND	6.00	**	**		ıı	п		
4,4'-DDT	ND	6.00	H	**	**	II .	11	н	
Dieldrin	ND	2.00	u	и	tt	II .	н	**	
Endosulfan I	ND	2.00	u	и	ч	ц	п	**	
Endosulfan II	ND	2.00	11		n	п	II .	**	
Endosulfan sulfate	ND	6.00	п	II .	"	п	п	**	
Endrin	ND	2.00	II	п	**	ŧ	10	u ·	
Endrin aldehyde	ND	6.00	11	u	**	II	11	п	
Heptachlor	ND	1.00	11		n	"	**	п	
Heptachlor epoxide	ND	1.00	II	"	II	"	**	п	
Methoxychlor	ND	20.0	11	41	н	"	**	п	
Toxaphene	ND	80.0	n	*1	п	**	***	п	
Surrogate: TCMX		107 %	34-	192	rr	"	"	II .	
Surrogate: Decachlorobipheny	vl	246 %	60-	130	n	"	n	11	S-07
SB5-3' (W009643-08) Solid	Sampled: 25-Sep-00 00:00	Received:	26-Sen-	00 13:53					
Aldrin	ND	1.00	ug/kg	1	V0I2915	29-Sep-00	02-Oct-00	EPA 8081A	
alpha-BHC	ND	1.00	11	"	11	"	"	"	
beta-BHC	ND	1.00	**	"	ıı	77	**	**	
delta-BHC	ND	1.00		tı		**	te		
gamma-BHC (Lindane)	ND	1.00	ır	1)	"	77	17	ч	
alpha-Chlordane	ND	5.00	H	"	n	77	n	**	
gamma-Chlordane	ND	2.00	**	**	"	PT .	15	11	
4,4'-DDD	ND	6.00	"	**	"	Ħ	п	и	
4,4'-DDE	ND	6.00	41	**	"	lt.	u	u	
4,4'-DDT	ND	6.00	**	***	,,	п	"		
Dieldrin	ND ND	2.00	**	**	**	п	ш	11	
Endosulfan I	ND	2.00	**	1+	**	u	п	н	
Endosulfan II	ND ND	2.00	*1	**	11	а	u	"	
Endosulfan sulfate	ND ND	6.00	**	**	н	11	н	**	
Lagosulan sunac	ND	0.00							

Sequoia Analytical - Walnut Creek





Project: Chevron

2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

Organochlorine Pesticides by EPA Method 8081A Star Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB5-3' (W009643-08) Solid	Sampled: 25-Sep-00 00:00	Received	: 26-Sep-	00 13:53					
Endrin	ND	2.00	ug/kg	1	V0I2915	29-Sep-00	02-Oct-00	EPA 8081A	
Endrin aldehyde	ND	6.00	**	н	11	и	II	H	
Heptachlor	ND	1.00	**	п	н	II .	II .	11	
Heptachlor epoxide	ND	1.00	**	и	**	ď	11	11	
Methoxychlor	ND	20.0	r#	11	ŧτ	II	11	71	
Toxaphene	ND	80.0	31	II .	**	· ·	"	·	
Surrogate: TCMX	· ************************************	118 %	34-	192	"	"	"	"	
Surrogate: Decachlorobiphen	yl	232 %	60-	130	"	"	"	"	S-07
SB5-5' (W009643-09) Solid	Sampled: 25-Sep-00 00:00	Received:	26-Sep-	00 13:53					
Aldrin	ND	1.00	ug/kg	1	V0I2915	29-Sep-00	02-Oct-00	EPA 8081A	
alpha-BHC	ND	1.00	11	*1	IJ	H	11	II .	
beta-BHC	ND	1.00	"	**	n n	**	"	U	
delta-BHC	ND	1.00	н	17	п	Ħ	11	U	
gamma-BHC (Lindane)	ND	1.00	u	rr	n	n	п	11	
alpha-Chlordane	ND	5.00	II .	17	11	11	11	н	
gamma-Chlordane	ND	2.00	"	11	U	н	и	19	
4,4´-DDD	ND	6.00	a	n	11	17	tt	**	
4,4′-DDE	ND	6.00	II .	17	17	11	II	Ħ	
4,4´-DDT	ND	6.00	II .	*1	**	**	11	**	
Dieldrin	ND	2.00	11	**	77	Ħ	II	11	
Endosulfan I	ND	2.00	II	*7	77	**	11	н	
Endosulfan II	ND	2.00	"	**	**	#	н	и	
Endosulfan sulfate	ND	6.00	"	***	**	**	II	**	
Endrin	ND	2.00	11	(1	**	Ħ	11	11	
Endrin aldehyde	ND	6.00	"	77	11	н	II	11	
Heptachlor	ND	1.00	n	44	**	н	II .	**	
Heptachlor epoxide	ND	1.00	n	16	ч	**	п	11:	
Methoxychlor	ND	20.0	11	11	11	н	II	#	
Toxaphene	ND	80.0	n	tt	11	"	n	**	
Surrogate: TCMX		116%	34-	192	<i>n</i>	"	"	"	
Surrogate: Decachlorobiphen	γl	277%	60-	130	"	"	"	u	S-07

Project: Chevron

2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

Organochlorine Pesticides by EPA Method 8081A Star Analytical, Inc.

Analyte	Result	eporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB5-10' (W009643-10) Solid	Sampled: 25-Sep-00 00:00	Receive	d: 26-Sep-	00 13:53					
Aldrin	ND	1.00	ug/kg	1	V0I2915	29-Sep-00	02-Oct-00	EPA 8081A	
alpha-BHC	ND	1.00	"		**	**	II	11	
beta-BHC	ND	1.00	**	•	**	u	n	***	
delta-BHC	ND	1.00	"	ır	"	II .	n	**	
gamma-BHC (Lindane)	ND	1.00		п	**	II .	**	P8	
alpha-Chlordane	ND	5.00	н	п	Ħ	II .	•	11	
gamma-Chlordane	ND	2.00	н	11	71	IJ	tt	tr.	
4,4´-DDD	ND	6.00	п	11	11	п	U	п	
4,4´-DDE	ND	6.00	II	n	+7	н	n .	п	
4,4′- D DT	ND	6.00	II	**	**	n	17	п	
Dieldrin	ND	2.00	11	**	н	,,	**	п	
Endosulfan I	ND	2.00	"	17	н	Ħ	e	п	
Endosulfan II	ND	2.00	"	17	n .	**	**	п	
Endosulfan sulfate	ND	6.00	н	**	ц	н	н	**	
Endrin	ND	2.00	11	11	ш	н	"	11	
Endrin aldehyde	ND	6.00	**	**	II	v	u	77	
Heptachlor	ND	1.00	"	+1	11	19	11	tr.	
Heptachlor epoxide	ND	1.00	**	**	ıı	"	u	H	
Methoxychlor	ND	20.0	**	**	n	н	n	If	
Toxaphene	ND	80.0	11	H	п	**	11	***	
Surrogate: TCMX	<u></u>	142 %	34-1	92	n	"	п	"	
Surrogate: Decachlorobipheny	l	281 %	60-1		"	"	"	"	S-07
SB5-16' (W009643-11) Solid	Sampled: 25-Sep-00 00:00	Received	l: 26-Sep-	00 13:53					
Aldrin	ND	1.00	ug/kg	1	V0I2915	29-Sep-00	02-Oct-00	EPA 8081A	
alpha-BHC	ND	1.00	**	п	17	u	**	ш .	
oeta-BHC	ND	1.00	**	11	n .	ш	+	u	
delta-BHC	7.46	1.00	11	н	u	п	#	u	
gamma-BHC (Lindane)	ND	1.00	**	n .	п	II .	#	u .	
alpha-Chlordane	ND	5.00	"	n	11	II.	п	n .	
gamma-Chlordane	ND	2.00	**	n	U	II	**	п	
4,4′-DDD	ND	6.00	u	11	11	11	н	u	
1,4'-DDE	ND	6.00	u	11	"	"	"	п	
	ND	6.00		*1	**	h	ŧ	"	
4,4′-DDT			ti	**	**	11	ŧŧ	μ	
1,4 -DD 1 Dieldrin	ND	2.00							
•	ND ND		,,	**	ΤT	"	"	n	
Dieldrin	ND ND ND	2.00 2.00 2.00			17	"	"	n n	

Sequoia Analytical - Walnut Creek



Project: Chevron

2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

Organochlorine Pesticides by EPA Method 8081A

Star Analytical, Inc.

Analyte	Result	eporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB5-16' (W009643-11) Solid	Sampled: 25-Sep-00 00:00	Received	d: 26-Sep	-00 13:53					
Endrin	ND	2.00	ug/kg	1	V0I2915	29-Sep-00	02-Oct-00	EPA 8081A	
Endrin aldehyde	ND	6.00		n	n n	tt	н	**	
Heptachlor	ND	1.00	**	**	**	ш	(1	**	
Heptachlor epoxide	ND	1.00	**	II	**	II	" .	rr	
Methoxychlor	ND	20.0	11	н		п	п	n	
Toxaphene	ND	80.0	*1	II .	**	п	II	н	
Surrogate: TCMX		110 %	34-	192	ď	"	п	"	
Surrogate: Decachlorobipheny	!	236 %	60-	130	"	n	n	"	S-07
SB5-20' (W009643-12) Solid	Sampled: 25-Sep-00 00:00	Received	d: 26-Sep	-00 13:53					
Aldrin	ND	1.00	ug/kg	1	V0I2915	29-Sep-00	02-Oct-00	EPA 8081A	
alpha-BHC	ND	1.00	#	11	4	n	n	п	
beta-BHC	. ND	1.00	11	ii	11	D	**	н	
delta-BHC	ND	1.00	*1	II .	и	**	**	n	
gamma-BHC (Lindane)	ND	1.00	**	11	п	**	11	11	
alpha-Chlordane	ND	5.00	**	н	n	**	н	**	
gamma-Chlordane	ND	2.00	**	"		**	и	**	
4,4'-DDD	ND	6.00	**	10	п	**	u	17	
4,4'-DDE	ND	6.00	**	**	II	H	H	D	
4,4′-DDT	ND	6.00	**	**	n	н	ft.	**	
Dieldrin	ND	2.00	111	**	н	11	11	u .	
Endosulfan I	ND	2.00	**	**	11	u	II	31	
Endosulfan II	ND	2.00	It	**	#	II	"	11	
Endosulfan sulfate	ND	6.00	n	**	"	n	11	н	
Endrin	ND	2.00	lf .	**	**	n	*1	п	
Endrin aldehyde	ND	6.00	u	н	**	n	"	11	
Heptachlor	ND	1.00	u	**	**	n	**	**	
Heptachlor epoxide	ND	1.00	u	19	**	11	17	n	
Methoxychlor	ND	20.0	ii	"	**	Ħ	"	11	
Toxaphene	ND	80.0	ц	**	17		11	**	
Surrogate: TCMX		98.0 %	34	192	"	"	"	<i>"</i>	
Surrogate: Decachlorobipheny	!	239 %		130	"	ıt	"	u .	S-07

2694 Bishop Drive Suite 105 San Ramon CA, 94583

Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons

Reported: 10-Oct-00 11:05

Organochlorine Pesticides by EPA Method 8081A Star Analytical, Inc.

Analyte	R Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB5-24' (W009643-13) Solid	Sampled: 25-Sep-00 00:00								
Aldrin	ND	1.00	ug/kg	1	V0I2915	29-Sep-00	02-Oct-00	EPA 8081A	
alpha-BHC	ND	1.00	"	<u>.</u>	11	" "	#	H .	
beta-BHC	ND	1.00	"	п	**	17	rr	п	
delta-BHC	ND	1.00	**	п	**	"	u	ш	
gamma-BHC (Lindane)	ND	1.00	#	11	**	11	п	11	
alpha-Chlordane	ND	5.00	71	"	**	н	n n	11	
gamma-Chlordane	ND	2.00	**	**	10	11	"	**	
4,4'-DDD	ND	6.00	••	**	11	**		•	
4,4′-DDE	ND	6.00	**	r.	19	**	н	Ħ	
4,4'-DDT	ND	6.00	п	11	••	"	17	11	
Dieldrin	ND	2.00	н	**	**	u	**	**	
Endosulfan I	ND	2.00	u	**	87	ц	**	**	
Endosulfan II	ND	2.00		17	n n	11	tr.	**	
Endosulfan sulfate	ND	6.00		14		п	и	10	
Endrin	ND	2.00	п	u	11	п	11	n	
Endrin aldehyde	ND	6.00		11	μ	II	**	II.	
Heptachlor	ND	1.00		11	п	n	"	п	
Heptachlor epoxide	ND	1.00	п	п	п	IF	,,	п	
Methoxychlor	ND	20.0	н	ш	**	It	rt .	п	
Toxaphene	ND	80.0	"	п	п	#	11	п	
Surrogate: TCMX		132 %	34-	192	<i>n</i>			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Surrogate: Decachlorobipheny	l	279 %		130	"	"	"	"	S-07
SB6-3' (W009643-14) Solid	Sampled: 25-Sep-00 00:00	Received:	26-Sep-	00 13:53					
Aldrin	ND	1.00	ug/kg	1	V0I2915	29-Sep-00	02-Oct-00	EPA 8081A	
alpha-BHC	ND	1.00	"	**	u	h	п	14	
beta-BHC	ND	1.00	11	**	11	"	"	11	
delta-BHC	ND	1.00	н	н	#1	17	IJ	и	
gamma-BHC (Lindane)	ND	1.00	77	ęę	**	ч	11	н	
alpha-Chlordane	ND	5.00	"	ц	*11	H	"	н	
gamma-Chlordane	ND	2.00	**	n	**	**	n	**	
4,4′-DDD	ND	6.00	"	"	n	11	"	**	
4,4'-DDE	ND	6.00	••	11	11	*	"	**	
4,4'-DDT	ND	6.00	"	"	u.	11	"	**	
Dieldrin	ND	2.00	"	**		u		н	
Endosulfan I	ND	2.00	u	**	u	"	**	u	
Endosulfan II	ND	2.00	"	*1	п		"	u	
Endosulfan sulfate	ND	6.00	и	н	и	u	11	п	
	- 12-	-100							

Sequoia Analytical - Walnut Creek





Project: Chevron

2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

Organochlorine Pesticides by EPA Method 8081A Star Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB6-3' (W009643-14) Solid	Sampled: 25-Sep-00 00:00	Received:	26-Sep-	00 13:53					
Endrin	ND	2.00	ug/kg	1	V0I2915	29-Sep-00	02-Oct-00	EPA 8081A	-
Endrin aldehyde	ND	6.00	ft	ĬI.	**	II	**	H	
Heptachlor	ND	1.00	"	II .	**	II .	**	"	
Heptachlor epoxide	ND	1.00	IF	Ĩ	"	II .	**	17	
Methoxychlor	ND	20.0	If	11	**	U	**	**	
Toxaphene	ND	80.0	II .	II	**	11	п	**	
Surrogate: TCMX		143 %	34-	192	"	n	"	u	
Surrogate: Decachlorobiphen	yl	275 %	60-	130	"	"	#	"	S-07
SB6-5' (W009643-15) Solid	Sampled: 25-Sep-00 00:00	Received:	26-Sep-	00 13:53					
Aldrin	ND	1.00	ug/kg	1	V0I2915	29-Sep-00	02-Oct-00	EPA 8081A	
alpha-BHC	ND	1.00	"	11	ч	Ħ	"	II .	
beta-BHC	ND	1.00	n	H	п	*1	**	II .	
delta-BHC	ND	1.00	н	n	ч	"	**	n	
gamma-BHC (Lindane)	ND	1.00	**	p	ш	u	**	II .	
alpha-Chlordane	ND	5.00	"	*t	н .	н	**	"	
gamma-Chlordane	ND	2.00	"	"	II .	u	н	"	
4,4′-DDD	ND	6.00	*1	н	II	н	11	11	
4,4'-DDE	ND	6.00	*1	11	IJ	н	tt	н	
4,4′-DDT	ND	6.00	"	**	"	n	**	1)	
Dieldrin	ND	2.00	••	*	li .		11))	
Endosulfan I	ND	2.00	**	**	11	n	Ħ	11	
Endosulfan II	ND	2.00	**	**	п	н	11	"	
Endosulfan sulfate	ND	6.00	**	**	11	D	н	**	
Endrin	ND	2.00	79	**	11	u	Ħ	11	
Endrin aldehyde	ND	6.00	**	н	n	D	н	"	
Heptachlor	ND	1.00	**	77	n	11		11	
Heptachlor epoxide	ND	1.00	**	11	U	U	и	"	
Methoxychlor	ND	20.0	**	н	п	n	н	11	
Toxaphene	ND	80.0	"	"	"	U	"	n	
Surrogate: TCMX		124 %	34-	192	"	и	"	н	
Surrogate: Decachlorobiphen	nv1	239 %		130	11	"	"	"	S-07



Project: Chevron

2694 Bishop Drive Suite 105 San Ramon CA, 94583

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

Organochlorine Pesticides by EPA Method 8081A Star Analytical, Inc.

Penartina												
Analyte	Result	eporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes			
SB6-10' (W009643-16) Solid	Sampled: 25-Sep-00 00:00	Receive	d: 26-Sep	-00 13:53			· •					
Aldrin	ND	1.00	ug/kg	1	V0I2915	29-Sep-00	02-Oct-00	EPA 8081A				
alpha-BHC	ND	1.00	"	п	**	11	#	*1				
beta-BHC	ND	1.00	111	n	17	Ħ	**	**				
delta-BHC	ND	1.00	п	u	17	п	11	O .				
gamma-BHC (Lindane)	ND	1.00	п	U	17	II	п	11				
alpha-Chlordane	ND	5.00	n.	n n	II .	II	II .	**				
gamma-Chlordane	ND	2.00	II .	D	11	D	п	**				
4,4′-DDD	ND	6.00	**	**	11	n	n n	n .				
4,4′-DDE	ND	6.00	"	**	"	n .	"	n				
4,4'-DDT	ND	6.00	**	**	**	*	"					
Dieldrin	ND	2.00	и	n	**	11	77	n ·				
Endosulfan I	ND	2.00	11	11	11	Ħ	**	n				
Endosulfan II	ND	2.00	11	**	**	"		**				
Endosulfan sulfate	ND	6.00	***	**	**	19	tt.	**				
Endrin	ND	2.00	**	ш	**	**	,,	μ				
Endrin aldehyde	ND	6.00	**	н	**	#	**	н				
Heptachlor	1.63	1.00	**	н	II	**	"	11				
Heptachlor epoxide	ND	1.00	ц	u	11	*1	n	"				
Methoxychlor	ND	20.0	н	n	,,	**	u	"				
Toxaphene	ND	80.0		п	п	u	u	**				
Surrogate: TCMX		90.4 %	34-	192	,,,	"	rr .	"				
Surrogate: Decachlorobipheny	l	256 %	60-	130	"	"	"	"	S-07			
SB6-23' (W009643-17) Solid	Sampled: 25-Sep-00 00:00	Received	l: 26-Sep	-00 13:53								
Aldrin	ND	1.00	ug/kg	1	V0I2915	29-Sep-00	02-Oct-00	EPA 8081A				
alpha-BHC	ND	1.00	τr	*1	**	H	**	li .				
beta-BHC	ND	1.00	**	**	17	11	**	"				
delta-BHC	ND	1.00	44	H	u	***	п	n				
gamma-BHC (Lindane)	ND	1.00	71	u	II .	*1	**	n				
alpha-Chlordane	ND	5.00	11	n	11	**	77	"				
gamma-Chlordane	ND	2.00	**	n	1)	н	ч	**				
4,4'-DDD	ND	6.00	*1	#	**	v	II.	**				
4,4'-DDE	ND	6.00	••	"	**	,,	11	н				
4,4'-DDT	ND	6.00	н	11	*1	HT	11	'n				
Dieldrin	ND	2.00	**	11	ш	·π	и	"				
Endosulfan I	ND	2.00	**	n	"	ττ	**	"				
Endosulfan II	ND	2.00	11	u	п	11	"	11				
Endosulfan sulfate	ND ND	6.00	п	u	,,	u	"	**				
STEW OF WATER OWNERS	1412	0.00										

Sequoia Analytical - Walnut Creek





Project: Chevron

2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

Organochlorine Pesticides by EPA Method 8081A Star Analytical, Inc.

Analyte	R Result	eporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB6-23' (W009643-17) Solid	Sampled: 25-Sep-00 00:00	Received	1: 26-Se _l	p-00 13:53					
Endrin	ND	2.00	ug/kg	1	V0 I2 915	29-Sep-00	02-Oct-00	EPA 8081A	
Endrin aldehyde	ND	6.00	tr.	II	"	#1	п	**	
Heptachlor	ND	1.00	n	II	**	**	n	**	
Heptachlor epoxide	ND	1.00	**	11	**	"	"	11	
Methoxychlor	ND	20.0	11	п	н	"	п	u	
Toxaphene	ND	80.0	**	II	н	H	#	п	
Surrogate: TCMX	<u> </u>	125 %	34	-192	"	"	n	"	
Surrogate: Decachlorobipheny	!	265 %	60	-130	ĸ	"	"	11	S-07
MW-2 (W009643-18) Liquid	Sampled: 25-Sep-00 00:00	Receive	d: 26-Se	p-00 13:53					
Aldrin	ND	0.0250	ug/l	1	V0J0215	02-Oct-00	03-Oct-00	EPA 8081A	•
alpha-BHC	ND	0.0250	II .	tf.	II .	II .	II .	н	
beta-BHC	ND	0.0250	u	17	u	"	"	n	
delta-BHC	10.8	0.250	u	10	u	11	04-Oct-00	"	
gamma-BHC (Lindane)	ND	0.0250	n	1	и	n	03-Oct-00	••	
alpha-Chlordane	ND	0.500	u	11	"	**	**	**	
gamma-Chlordane	ND	0.500	u	"	u	"	**	**	
4,4'-DDD	ND	0.150	п	41	"	17	**	"	
4,4'-DDE	ND	0.150	п	1)	u	**	**	н	
4,4´-DDT	ND	0.150	li .	**		**	**	**	
Dieldrin	ND	0.0500	u u	n	11	**	**	н	
Endosulfan I	ND	0.0500	0	Ħ	II .	•	u	u	
Endosulfan II	ND	0.0500	п	**	II .	**	u	11	
Endosulfan sulfate	ND	0.150	u u	*	11	**	u	II.	
Endrin	ND	0.0500	11	r	p	17	**	"	
Endrin aldehyde	ND	0.150	n	**	"	H	lt	u u	
Heptachlor	ND	0.0250	"	**	11	r#	"	"	
Heptachlor epoxide	ND	0.0250		.,		***	и	p	
Methoxychlor	ND	0.500	n	te .	,,	**	п	"	
Toxaphene	ND	2.00	n	"	n	tt	u	"	
Surrogate: TCMX		57.8 %	60-	-130	μ	"	и	u	
Surrogate: Decachlorobiphenyi	!	180 %	60-	-130	"	"	"	u .	S-07

Project: Chevron

2694 Bishop Drive Suite 105 San Ramon CA, 94583

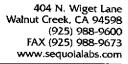
Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

Organochlorine Pesticides by EPA Method 8081A Star Analytical, Inc.

				car, anc.					
Analyte	Result	eporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (W009643-19) Liquid	Sampled: 25-Sep-00 00:00	Receive	d: 26-Se	p-00 13:53					
Aldrin	ND	0.0250	ug/l	1	V0J0215	02-Oct-00	03-Oct-00	EPA 8081A	
alpha-BHC	ND	0.0250	**	11	11	II	**)ı	
beta-BHC	ND	0.0250	"	tr	n	II	ľ	п	
delta-BHC	16.0	0.500	te	20	**	II	04-Oct-00	*1	
gamma-BHC (Lindane)	ND	0.0250	H.	1	**	n	03-Oct-00	11	
alpha-Chlordane	ND	0.500	н	и	"	11	**	**	
gamma-Chlordane	ND	0.500	11	ш	**	11	**	**	
4,4 ² -DDD	ND	0.150	п	II	11	**	Ħ	**	
4,4'-DDE	ND	0.150	,,	n	,,	**	ч	10	
4,4'-DDT	ND	0.150		п	**	**	u	11	
Dieldrin	ND	0.0500	п	9	**	44	п	*11	
Endosulfan I	ND	0.0500	II.	"	**	"	п	**	
Endosulfan II	ND	0.0500	u	*	10	n	п		
Endosulfan sulfate	ND	0.150	11	**	##	н	п	**	
Endrin	ND	0.0500	**	11	IF	••	п	R	
Endrin aldehyde	ND	0.150	**	Ħ		**	п	II .	
Heptachlor	ND	0.0250	**	17	u	••	11	и	
Heptachlor epoxide	ND	0.0250	**	11	п	**	п	R	
Methoxychlor	ND	0.500	**	*1	11	H	19	п	
Toxaphene	ND	2.00	10	**	и	**	**	и	
Surrogate: TCMX		98.6 %	60-	-130	"	"	"	"	
Surrogate: Decachlorobiphenyl	!	155 %	60-	-130	"	"	"	"	S-07
MW-7 (W009643-20) Liquid	Sampled: 25-Sep-00 00:00	Receive	d: 26-Se	p-00 13:53					
Aldrin	ND	0.0250	ug/l	1	V0J0215	02-Oct-00	03-Oct-00	EPA 8081A	
alpha-BHC	ND	0.0250	**	··	11	"	II .	n	
beta-BHC	ND	0.0250	**	"	•	U	**	"	
delta-BHC	ND	0.0250	79	п	**	п	n	"	
gamma-BHC (Lindane)	ND	0.0250	*7	u	71	n.	rt	**	
alpha-Chlordane	ND	0.500	Ŧſ	II .	**	II .	u ·	"	
gamma-Chlordane	ND	0.500	**	u	**	II .	"	**	
4,4′-DDD	ND	0.150	17	II	Ħ	II .	IJ	"	
4,4'-DDE	ND	0.150	1+	II .	s+	n	"	**	
4,4′-DDT	ND	0.150	"	п	17	II.	ы	17	
Dieldrin	ND	0.0500	п	п	te	D	ŧr	R	
Endosulfan I	ND	0.0500	6	:1	**	h	**	tr	
Endosulfan II	ND	0.0500	17	11	11	19	Ħ	17	
Endosulfan sulfate	ND	0.150	ı;	11	17	II.	rr	y.	
	ATAM	0.120							

Sequoia Analytical - Walnut Creek







2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported:

10-Oct-00 11:05

Organochlorine Pesticides by EPA Method 8081A Star Analytical, Inc.

Analyte	R Result	eporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-7 (W009643-20) Liquid	Sampled: 25-Sep-00 00:00	Receive	d: 26-Sep-	00 13:53					
Endrin	ND	0.0500	ug/l	1	V0J0215	02-Oct-00	03-Oct-00	EPA 8081A	
Endrin aldehyde	ND	0.150	"	"	**	II .	п		
Heptachlor	ND	0.0250	11		ır	II .			
Heptachlor epoxide	ND	0.0250	**	11	17	п	U	и	
Methoxychlor	ND	0.500	и	u	71	II	п	и	
Toxaphene	ND	2.00	n .	"	**	н	н	**	
Surrogate: TCMX		125 %	60-1	30	"	n	"	"	-
Surrogate: Decachlorobiphenyi	!	198 %	60-1	30	"	"	"	tr .	S-07

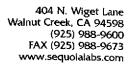


Project: Chevron

2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

Polychlorinated Biphenyls by EPA Method 8082 Star Analytical, Inc.

Analyte	F Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB4-3' (W009643-01) Solid	Sampled: 25-Sep-00 00:00	Received	: 26-Sep-	00 13:53					
Aroclor 1016	ND	20.0	ug/kg	1	V0I2918	29-Sep-00	29-Sep-00	EPA 8082	
Aroclor 1221	ND	20.0	u	**	II	**	n n	"	
Aroclor 1232	ND	20.0		**	II .	**	U	"	
Aroclor 1242	ND	20.0	п	**	17	#1	п	**	
Aroclor 1248	ND	20.0	и	le .	п	n	п	**	
Aroclor 1254	ND	20.0	п	ч	п	*1	n	"	
Aroclor 1260	ND	20.0	п	17	D	H	11	"	
Aroclor 1262	ND	20.0	п	n	"	н	11	н	
Aroclor 1268	ND	20.0	"	u	н	п	н	tr	
SB4-5' (W009643-02) Solid	Sampled: 25-Sep-00 00:00	Received	: 26-Sep-	00 13:53					
Aroclor 1016	ND	20.0	ug/kg	1	V0I2918	29-Sep-00	29-Sep-00	EPA 8082	
Aroclor 1221	ND	20.0	11	н	н	ч	71	н	
Aroclor 1232	ND	20.0	11	п	n	u	11	17	
Aroclor 1242	ND	20.0	11	II .	H	11	**	*1	
Aroclor 1248	ND	20.0	п	u	n	н	þ	n	
Aroclor 1254	ND	20.0		IP	"	п	71	n	
Aroclor 1260	ND	20.0		11	**	II	77	п	
Aroclor 1262	ND	20.0	n	u	**	11	**	**	
Aroclor 1268	ND	20.0	п	п	n	п	77	11	
SB4-10' (W009643-03) Solid	Sampled: 25-Sep-00 00:00	Receive	d: 26-Sep	-00 13:53					
Aroclor 1016	ND	20.0	ug/kg	1	V0I2918	29-Sep-00	29-Sep-00	EPA 8082	
Aroclor 1221	ND	20.0	п	ш	ET .	п	**	**	
Aroclor 1232	ND	20.0	II	u	n	u	**	11	
Aroclor 1242	ND	20.0	"	н	"	п	"	11	
Aroclor 1248	ND	20.0	п	ır	n	n .	н	11	
Aroclor 1254	ND	20.0	п	17	"	n	n	п	
Aroclor 1260	ND	20.0	u	**	"	*1	п	"	
Aroclor 1262	ND	20.0	п	11	II.	**	μ	u	
Aroclor 1268	ND	20.0	u	rr .		H	n	**	



Project: Chevron

2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

Polychlorinated Biphenyls by EPA Method 8082 Star Analytical, Inc.

Analyte	Result	eporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB4-15' (W009643-04) Solid	Sampled: 25-Sep-00 00:00	Receive	d: 26-Sep	-00 13:53					
Aroclor 1016	ND	20.0	ug/kg	1	V0I2918	29-Sep-00	29-Sep-00	EPA 8082	
Aroclor 1221	ND	20.0	11	n	II	H	н	II .	
Aroclor 1232	ND	20.0	**	**	II .	H	п	u	
Aroclor 1242	ND	20.0	"	77	II .	TI	II .	n	
Aroclor 1248	ND	20.0	#	11	II	Ħ	п	11	
Aroclor 1254	ND	20.0	**	**	u	11	11	*1	
Aroclor 1260	ND	20.0	**	**	11	"	II .	***	
Aroclor 1262	ND	20.0	н		**	*	п	**	
Aroclor 1268	ND	20.0	t.	***	"	"	и	**	
SB4-18' (W009643-05) Solid	Sampled: 25-Sep-00 00:00	Received	d: 26-Sep	-00 13:53					
Aroclor 1016	ND	20.0	ug/kg	1	V0I2918	29-Sep-00	29-Sep-00	EPA 8082	
Aroclor 1221	ND	20.0	"	IT.	**	ч	11	**	
Aroclor 1232	ND	20.0	"	11	**	*	"	***	
Aroclor 1242	ND	20.0		11	**	"	11	u	
Aroclor 1248	, ND	20.0	**	u	#1	"	**	*1	
Aroclor 1254	ND	20.0	11	n.	**	п	"	71	
Aroclor 1260	ND	20.0	**	11	**	п	"	**	
Aroclor 1262	ND	20.0	**	10	**	ft	**	11	
Aroclor 1268	ND	20.0	11	17	Ħ	u	"	11	
SB4-20' (W009643-06) Solid	Sampled: 25-Sep-00 00:00	Receive	d: 26-Sep	-00 13:53					
Aroclor 1016	ND	20.0	ug/kg	1	V0I2918	29-Sep-00	29-Sep-00	EPA 8082	
Aroclor 1221	ND	20.0	t+	II .	**	II .	"	**	
Aroclor 1232	ND	20.0	"	u	**	u	"	Ð	
Aroclor 1242	ND	20.0	U	II.	**	"	"	n	
Aroclor 1248	ND	20.0	u	u	**	"	"	**	
Aroclor 1254	ND	20.0	11	n	**	ч	11	n	
Aroclor 1260	ND	20.0	u.	R	**	"	n	**	
Aroclor 1262	ND	20.0	"	u	17	"	**	**	
Aroclor 1268	ND	20.0	9	н	**	ч	n	n	



Project: Chevron

2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

Polychlorinated Biphenyls by EPA Method 8082 Star Analytical, Inc.

Analyte	Result	eporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB4-24' (W009643-07) Solid	Sampled: 25-Sep-00 00:00	Received	d: 26-Sep	-00 13:53					
Aroclor 1016	ND	20.0	ug/kg	1	V0I2918	29-Sep-00	29-Sep-00	EPA 8082	
Aroclor 1221	ND	20.0	ht	**	п	II.	п	п	
Aroclor 1232	ND	20.0	"	***	н	17	н	n n	
Aroclor 1242	ND	20.0	**	••	11	11	**	U	
Aroclor 1248	ND	20.0	"	**	**	11	11	n n	
Aroclor 1254	ND	20.0	**	**	77	**	•	н	
Aroclor 1260	ND	20.0	**	***	77	"	**	11	
Aroclor 1262	ND	20.0	11	71	**	17	"	11	
Aroclor 1268	ND	20.0	"	**	**		#	11	
SB5-3' (W009643-08) Solid	Sampled: 25-Sep-00 00:00	Received:	26-Sep-	00 13:53					
Aroclor 1016	ND	20.0	ug/kg	ı	V0I2918	29-Sep-00	29-Sep-00	EPA 8082	
Aroclor 1221	ND	20.0	u	***	n	**	n	ti .	
Aroclor 1232	ND	20.0	п	**	н	•	"	u.	
Aroclor 1242	ND	20.0		11	**	"	**	17	
Aroclor 1248	ND	20.0	II	II	**	Ħ	**	**	
Aroclor 1254	ND	20.0	II .	и	**	п	н	TT	
Aroclor 1260	ND	20.0	"	п	**	Ħ	н	11	
Aroclor 1262	ND	20.0	п	II .	**	н	"	ŧŧ	
Aroclor 1268	ND	20.0	h	h	п	tı	"	11	
SB5-5' (W009643-09) Solid	Sampled: 25-Sep-00 00:00	Received:	26-Sep-	00 13:53					
Aroclor 1016	ND	20.0	ug/kg	1	V012918	29-Sep-00	29-Sep-00	EPA 8082	
Aroclor 1221	ND	20.0	"	п	п	II .	II .	n ·	
Aroclor 1232	ND	20.0	**	11	11	п	и	ц	
Aroclor 1242	ND	20.0	"	п	n	II .	II	u	
Aroclor 1248	ND	20.0	**	п	u	U	и	n .	
Aroclor 1254	ND	20.0	п	н	II	D	II	n .	
Aroclor 1260	ND	20.0	**	п	II	п	II	n .	
Aroclor 1262	ND	20.0	**	п	п	II .	ıı	n	
Aroclor 1268	ND	20.0	*1	п	п		ij	п	



Project: Chevron

2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

Polychlorinated Biphenyls by EPA Method 8082 Star Analytical, Inc.

SB5-10' (W009643-10) Solid Sampled: 25-Sep-00 00:00 Received: 26-Sep-00 13:53 Aroclor 1016 ND 20.0 ug/kg 1 V012918 29-Sep-00 29-Sep-00 EPA 8082 Aroclor 1221 ND 20.0 " " " " " " Aroclor 1232 ND 20.0 "	
Aroclor 1221 ND 20.0 " " " " " " " " " " " " " " " Aroclor 1232 ND 20.0 " " " " " " " " " " " " " " " " " "	
Aroclor 1232 ND 20.0 " " " " " " " " " " " " " " " Aroclor 1242 ND 20.0 " " " " " " " " " " " " " " " " " "	
Aroclor 1242 ND 20.0 " " " " " " " " " " " " Aroclor 1248 ND 20.0 " " " " " " " " " " " " " " " " " "	
Aroclor 1248 ND 20.0 " " " " " " " " " " " " Aroclor 1254 ND 20.0 " " " " " " " " " " " " " " " " " "	
Aroclor 1254 ND 20.0 " " " " " " " " " " " " Aroclor 1260 ND 20.0 " " " " " " " " " " " " " " " " " "	
Aroclor 1260 ND 20.0 " " " " " " " " Aroclor 1262 ND 20.0 " " " " " " " " " " " " " " " " " "	
Aroclor 1262 ND 20.0 " " " " " " " " " " " " " " " " " "	
Aroclor 1268 ND 20.0 " " " " " " " " " " " " " " " " " "	
SB5-16' (W009643-11) Solid Sampled: 25-Sep-00 00:00 Received: 26-Sep-00 13:53	
Aroclor 1016 ND 20.0 ug/kg 1 V012918 29-Sep-00 29-Sep-00 EPA 8082	
Aroclor 1221 ND 20.0 " " " " " "	
Aroclor 1232 ND 20.0 " " " " " "	
Aroclor 1242 ND 20.0 " " " " "	•
Aroclor 1248 ND 20.0 " " " " " "	
Aroclor 1254 ND 20.0 " " " " "	
Aroclor 1260 ND 20.0 " " " " "	
Aroclor 1262 ND 20.0 " " " " " "	
Aroclor 1268 ND 20.0 " " " " " "	
SB5-20' (W009643-12) Solid Sampled: 25-Sep-00 00:00 Received: 26-Sep-00 13:53	
Aroclor 1016 ND 20.0 ug/kg 1 V0I2918 29-Sep-00 29-Sep-00 EPA 8082	
Aroclor 1221 ND 20.0 " " " " "	
Aroclor 1232 ND 20.0 " " " " "	
Aroclor 1242 ND 20.0 " " " " " "	
Aroclor 1248 ND 20.0 " " " " " "	
Aroclor 1254 ND 20.0 " " " " "	
Aroclor 1260 ND 20.0 " " " " "	
Aroclor 1262 ND 20.0 " " " " " "	
Aroclor 1268 ND 20.0 " " " " " "	



2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

Polychlorinated Biphenyls by EPA Method 8082

Star Analytical, Inc.

Analyte	Result	eporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB5-24' (W009643-13) Solid	Sampled: 25-Sep-00 00:00	Received	d: 26-Sep	-00 13:53					
Aroclor 1016	ND	20.0	ug/kg	1	V0I2918	29-Sep-00	29-Sep-00	EPA 8082	
Aroclor 1221	ND	20.0	u	19	Ħ	n	•	п	
Aroclor 1232	ND	20.0	и	п	*1	**	•	II.	
Aroclor 1242	ND	20.0	II .	II	17	"	17	п	
Aroclor 1248	ND	20.0	п	п	И	**	п	п	
Aroclor 1254	ND	20.0	"	11	11	"	п	11	
Aroclor 1260	ND	20.0	II .	11	**	η	n	n	
Arector 1262	ND	20.0	п	11	**	#	II .		
Aroclor 1268	ND	20.0	п	*1	**	**	II	***	
SB6-3' (W009643-14) Solid	Sampled: 25-Sep-00 00:00	Received:	26-Sep-	00 13:53					
Aroclor 1016	ND	20.0	ug/kg	1	V0I2918	29-Sep-00	29-Sep-00	EPA 8082	
Aroclor 1221	ND	20.0	*11	tr.	ц	ti.	11	11	
Aroclor 1232	ND	20.0	**	17	п	11	"	11	
Aroclor 1242	ND	20.0	**	17	11	II .	"	Ħ	
Aroclor 1248	ND	20.0	**	71	u	11	**	**	
Aroclor 1254	ND	20.0	11	77	II	II	11	17	
Aroclor 1260	ND	20.0	77	**	II .	II .	**	и	
Aroclor 1262	ND	20.0	11	11	n	U .	II	ц	
Aroclor 1268	ND	20.0	"	17	n	п	11	п	
SB6-5' (W009643-15) Solid	Sampled: 25-Sep-00 00:00	Received:	26-Sep-	00 13:53					
Aroclor 1016	ND	20.0	ug/kg	1	V0I2918	29-Sep-00	29-Sep-00	EPA 8082	
Aroclor 1221	ND	20.0	11	11	**	" T	*	II .	
Aroclor 1232	ND	20.0	"	н	77	77	ч	U	
Aroclor 1242	ND	20.0	"	u	11	"	17	п	
Aroclor 1248	ND	20.0	"	и	**	**	**	п	
Aroclor 1254	ND	20.0	*	п	**	••	**	п	
Aroclor 1260	ND	20.0	•	u	**	"	**	n	
Aroclor 1262	ND	20.0	**	ш	TŤ	**	"	п	
Aroclor 1268	ND	20.0	"	II	t t	н	11	П	

Project: Chevron

2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

Polychlorinated Biphenyls by EPA Method 8082 Star Analytical, Inc.

Analyte	R Result	eporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB6-10' (W009643-16) Solid	Sampled: 25-Sep-00 00:00	Received	d: 26-Sep	-00 13:53					
Aroclor 1016	ND	20.0	ug/kg	I	V0I2918	29-Sep-00	29-Sep-00	EPA 8082	
Aroclor 1221	ND	20.0	41	11	*1	**	11	II .	
Aroclor 1232	ND	20.0	"	**	**	**	**	It	
Aroclor 1242	ND	20.0		**	"	"	**	II	
Aroclor 1248	ND	20.0	**	**	r	H	**	п	
Aroclor 1254	ND	20.0	n	14	r	11	**	п	
Aroclor 1260	ND	20.0	77	"	11	и	**	11	
Aroclor 1262	ND	20.0	47	и	U	п	н	11	
Aroclor 1268	ND	20.0	**	ч	**	11	u	11	
SB6-231 (W009643-17) Solid	Sampled: 25-Sep-00 00:00	Received	d: 26-Sep	-00 13:53					
Aroclor 1016	ND	20.0	ug/kg	1	V0I2918	29-Sep-00	29-Sep-00	EPA 8082	
Aroclor 1221	ND	20.0	**	ш	**	ii .	n	•	
Aroclor 1232	ND	20.0	er .	u	17	"	11	n	
Aroclor 1242	ND	20.0	*1	II .	**	n	"	**	
Aroclor 1248	ND	20.0	Ħ	11	**	11	11	**	
Aroclor 1254	ND	20.0	***	ш	**	"	н	11	
Aroclor 1260	ND	20.0	**	II .	"	11	"	17	
Aroclor 1262	ND	20.0	ш	"	**	**)1	#1	
Aroclor 1268	ND	20.0	11	п	**	11	п	11	
MW-2 (W009643-18) Liquid	Sampled: 25-Sep-00 00:00	Receive	d: 26-Sej	p-00 13:53				•	
Aroclor 1016	ND	0.500	ug/l	1	V0J0216	02-Oct-00	03-Oct-00	EPA 8082	
Aroclor 1221	ND	0.500	16	II .	**	11	II .	11	
Aroclor 1232	ND	0.500	n	п	н	**	n	*1	
Aroclor 1242	ND	0.500	и	п	**	n	11	71	
Aroclor 1248	ND	0.500	u .	,,	**	"	"	"	
Aroclor 1254	ND	0.500	и	п	**	11	п	"	
Aroclor 1260	ND	0.500	н	п	(1	**	11	н	
Aroclor 1262	ND	0.500		II.	11	71	"	"	
Aroclor 1268	ND	0.500	11	н	"	**	"	"	



Project: Chevron

2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

Polychlorinated Biphenyls by EPA Method 8082 Star Analytical, Inc.

4 1. 4 _	Result	eporting	Units	Dilution	Batch	Dranarad	Analyzed	Method	Notes
Analyte	Result	Limit	Oms	DHuuon	Daten	Prepared	Analyzed	Menton	notes
MW-3 (W009643-19) Liquid	Sampled: 25-Sep-00 00:00	Receive	d: 26-Sej	-00 13:53					
Aroclor 1016	ND	0.500	ug/l]	V0J0216	02-Oct-00	03-Oct-00	EPA 8082	
Aroclor 1221	ND	0.500	11	tt	**	**	н	п	
Aroclor 1232	ND	0.500	17	11	17	tr .	и	п	
Aroclor 1242	ND	0.500	tr	11	и .	#	**	п	
Aroclor 1248	ND	0.500	"	71	***	"	"	IJ	
Aroclor 1254	ND	0.500	"	11	ur .	π	"	п	
Aroclor 1260	ND	0.500	"	11	u	**	*1	п	
Aroclor 1262	ND	0.500	**	11	ur.	**		п	
Aroclor 1268	ND	0.500	If	"	li .	#	"	n	
MW-7 (W009643-20) Liquid	Sampled: 25-Sep-00 00:00	Receive	d: 26-Sej	-00 13:53					
Aroclor 1016	ND	0.500	ug/l	1	V0J0216	02-Oct-00	03-Oct-00	EPA 8082	
Aroclor 1221	ND	0.500	и	71	и	ţt	17	11	
Aroclor 1232	ND	0.500	"	***	li	"	**	11	
Aroclor 1242	ND	0.500	"	**	н	77	**	11	
Aroclor 1248	ND	0.500	u	**	11	"	п	**	
Aroclor 1254	ND	0.500	It	**	III	#1	Ħ	19	
Aroclor 1260	ND	0.500	"	**	11	**	"	**	
Aroclor 1262	ND	0.500	11	**	ш	π	17	**	
Aroclor 1268	ND	0.500	n	**	II .	**	#	**	

Project: Chevron

2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0128006 - EPA 5030B [MeOH]		. -								
Blank (0128006-BLK1)		,		Prepared	& Analyz	ed: 28-Sep	-00	•		
Purgeable Hydrocarbons	ND	1.0	mg/kg							
Benzene	ND	0.0050	"							
Toluene	ND	0.0050	II .							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	D							
Surrogate: a, a, a-Trifluorotoluene	0.636	***	"	0.600		106	40-140			
Blank (0I28006-BLK2)				Prepared	& Analyz	ed: 30-Sep	o-00			
Purgeable Hydrocarbons	ND	1.0	mg/kg					C 1860 19 TH		
Benzene	ND	0.0050	"							
Toluene	ND	0.0050	и							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Surrogate: a,a,a-Trifluorotoluene	0.618		II.	0.600		103	40-140			Pale (AR BATT)
LCS (0I28006-BS1)				Prepared	& Analyz	ed: 28-Sep	-00			
Benzene	0.758	0.0050	mg/kg	0.800		94.8	50-150			
Toluene	0.786	0.0050	н	0.800		98.3	50-150			
Ethylbenzene	0.816	0.0050	**	0.800		102	50-150			
Xylenes (total)	2.43	0.0050	**	2.40		101	50-150			
Surrogate: a,a,a-Trifluorotoluene	0.680		"	0.600		113	40-140			
LCS (0128006-BS2)				Prepared	& Analyz	ed: 30-Sep	o-00			
Benzene	0.638	0.0050	mg/kg	0.800		79.8	50-150			
Toluene	0.662	0.0050	"	0.800		82.7	50-150			
Ethylbenzene	0.706	0.0050	u	0.800		88.2	50-150			
Xylenes (total)	2.08	0.0050	"	2.40		86.7	50-150			
Surrogate: a,a,a-Trifluorotoluene	0.674		"	0.600		112	40-140			- ~



2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0I28006 - EPA 5030B [MeOH]										
Matrix Spike (0128006-MS1)	Sou	rce: W0096	48-03	Prepared	& Analyz	ed: 28-Sep	>- 00	· · · · ·		-
Benzene	0.768	0.0050	mg/kg	0.800	ND	96.0	50-150			
Toluene	0.792	0.0050	**	0.800	ND	99.0	50-150			
Ethylbenzene	0.832	0.0050	"	0.800	ND	104	50-150			
Xylenes (total)	2.85	0.0050	11	2.40	ND	119	50-150			
Surrogate: a, a, a-Trifluorotoluene	0.546		"	0.600		91.0	40-140			
Matrix Spike Dup (0I28006-MSD1)	Sou	rce: W0096	48-03	Prepared	& Analyze	ed: 28-Sep	-00			
Benzene	0.790	0.0050	mg/kg	0.800	ND	98.8	50-150	2.82	20	
Toluene	0.802	0.0050	н	0.800	ND	100	50-150	1.25	20	
Ethylbenzene	0.842	0.0050	n .	0.800	ND	105	50-150	1.19	20	
Xylenes (total)	2.52	0.0050		2.40	ND	105	50-150	12.3	20	
Surrogate: a, a, a-Trifluorotoluene	0.566		н	0.600		94.3	40-140			
Batch 0J02003 - EPA 5030B [MeOH]										
Blank (0J02003-BLK1)				Prepared	& Analyze	ed: 02-Oct	-00			
Purgeable Hydrocarbons	ND	1,0	mg/kg	-						
Benzene	ND	0.0050	77							
<u> Foluene</u>	ND	0.0050	**							
Ethylbenzene	ND	0.0050	**							
Xylenes (total)	ND	0.0050	**							
Surrogate: a, a, a-Trifluorotoluene	0.614	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		0.600		102	40-140			····
LCS (0J02003-BS1)				Prepared	& Analyze	ed: 02-Oct	:-00			
Велгене	0.662	0.0050	mg/kg	0.800		82.7	50-150			
Гоluene	0.680	0.0050	**	0.800		85.0	50-150			
Ethylbenzene	0.704	0.0050	et .	0.800		88.0	50-150			
Xylenes (total)	2.08	0.0050	"	2.40		86.7	50-150			
Surrogate: a, a, a-Trifluorotoluene	0.682		"	0.600		114	40-140			



2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J02003 - EPA 5030B [MeOH]										
Matrix Spike (0J02003-MS1)	So	urce: W0100	03-02	Prepared	& Analyzo	ed: 02-Oct	-00			
Benzene	0.692	0.0050	mg/kg	0.800	ND	86.5	50-150	•		
Toluene	0.716	0.0050	**	0.800	ND	89.5	50-150			
Ethylbenzene	0.746	0.0050	**	0.800	ND	93.2	50-150			
Xylenes (total)	2.23	0.0050	**	2.40	ND	92.9	50-150			
Surrogate: a, a, a-Trifluorotoluene	0.668		"	0.600		111	40-140			
Matrix Spike Dup (0J02003-MSD1)	So	urce: W0100	03-02	Prepared	& Analyze	ed: 02-Oct	-00			
Benzene	0.708	0.0050	mg/kg	0.800	ND	88.5	50-150	2.29	20	
Toluene	0.736	0.0050	tr	0.800	ND	92.0	50-150	2.75	20	
Ethylbenzene	0.768	0.0050	"	0.800	ND	96.0	50-150	2.91	20	
Xylenes (total)	2.30	0.0050	н	2.40	ND	95.8	50-150	3.09	20	
Surrogate: a, a, a-Trifluorotoluene	0.682		"	0.600		114	40-140			
Batch 0J04003 - EPA 5030B [P/T]										
Blank (0J04003-BLK1)			-	Prepared	& Analyze	ed: 04-Oct	-00			- ""
Purgeable Hydrocarbons	ND	50	ug/l						•	
Benzene	ND	0.50	P							
T. L	ND									
Toluene	NU	0.50	!!							
Ethylbenzene	ND	0.50	11							
Ethylbenzene Xylenes (total)	ND	0.50	п	30.0		103	70-130			
Ethylbenzene Xylenes (total) Surrogate: a,a,a-Trifluorotoluene	ND ND	0.50	"	30.0 Prepared	& Analyze					<u> </u>
Ethylbenzene Xylenes (total) Surrogate: a,a,a-Trifluorotoluene LCS (0J04003-BS1)	ND ND	0.50	"		& Analyze					
Ethylbenzene Xylenes (total) Surrogate: a,a,a-Trifluorotoluene LCS (0J04003-BS1) Benzene	ND ND 30.9	0.50 0.50	H H	Prepared	& Analyze	ed: 04-Oct	-00			
Ethylbenzene	ND ND 30.9	0.50	ug/l	Prepared 20.0	& Analyze	ed: 04-Oct	-00 70-130			
Ethylbenzene Xylenes (total) Surrogate: a,a,a-Trifluorotoluene LCS (0J04003-BS1) Benzene Toluene	ND ND 30.9	0.50 0.50 0.50	ug/l	Prepared 20.0 20.0	& Analyze	ed: 04-Oct 98.0 100	-00 70-130 70-130			

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Cambria - San Ramon

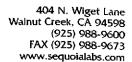
Project: Chevron

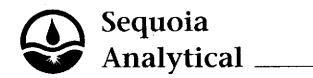
2694 Bishop Drive Suite 105 San Ramon CA, 94583

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons

Reported: 10-Oct-00 11:05

Benzene 19.4 0.50 ug/l 26	ared & Analyz	ed: 04-Oc				
Benzene	•	ed: 04-Oct				
Toluene 21.7 0.50 " 26 Ethylbenzene 20.0 0.50 " 26 Xylenes (total) 58.3 0.50 " 66 Surrogate: a,a,a-Trifluorotoluene 31.0 " 36 Matrix Spike Dup (0J04003-MSD1) Source: W009589-04 Prep Benzene 17.9 0.50 ug/l 26 Toluene 20.0 0.50 " 26 Ethylbenzene 18.5 0.50 " 26 Xylenes (total) 54.6 0.50 " 66 Surrogate: a,a,a-Trifluorotoluene 28.0 " 36	0.0 ND		i-00			
Ethylbenzene 20.0 0.50 " 20 Xylenes (total) 58.3 0.50 " 60 Surrogate: a,a,a-Trifluorotoluene 31.0 " 36 Matrix Spike Dup (0J04003-MSD1) Source: W009589-04 Prep Benzene 17.9 0.50 ug/l 20 Toluene 20.0 0.50 " 20 Ethylbenzene 18.5 0.50 " 20 Xylenes (total) 54.6 0.50 " 60		97.0	70-130			
Xylenes (total) 58.3 0.50 " 66 Surrogate: a, a, a-Trifluorotoluene 31.0 " 36 Matrix Spike Dup (0J04003-MSD1) Source: W009589-04 Prep Benzene 17.9 0.50 ug/l 26 Toluene 20.0 0.50 " 26 Ethylbenzene 18.5 0.50 " 26 Xylenes (total) 54.6 0.50 " 66 Surrogate: a, a, a-Trifluorotoluene 28.0 " 36	0.0 1.0	104	70-130			
Surrogate: a, a, a-Trifluorotoluene 31.0 " 36 Matrix Spike Dup (0J04003-MSD1) Source: W009589-04 Prep Benzene 17.9 0.50 ug/l 26 Toluene 20.0 0.50 " 26 Ethylbenzene 18.5 0.50 " 26 Xylenes (total) 54.6 0.50 " 66 Surrogate: a, a, a-Trifluorotoluene 28.0 " 36	0,0 ND	100	70-130			
Matrix Spike Dup (0J04003-MSD1) Source: W009589-04 Prep Benzene 17.9 0.50 ug/l 20 Toluene 20.0 0.50 " 20 Ethylbenzene 18.5 0.50 " 20 Xylenes (total) 54.6 0.50 " 60 Surrogate: a,a,a-Trifluorotoluene 28.0 " 30	0.0 0.99	95.5	70-130			
Benzene 17.9 0.50 ug/l 20 Toluene 20.0 0.50 " 20 Ethylbenzene 18.5 0.50 " 20 Xylenes (total) 54.6 0.50 " 60 Surrogate: a,a,a-Trifluorotoluene 28.0 " 30	0.0	103	70-130			
Toluene 20.0 0.50 " 20 Ethylbenzene 18.5 0.50 " 20 Xylenes (total) 54.6 0.50 " 60 Surrogate: a,a,a-Trifluorotoluene 28.0 " 30	ared & Analyz	ed: 04-Oct	t-00			
Ethylbenzene 18.5 0.50 " 26 Xylenes (total) 54.6 0.50 " 66 Surrogate: a,a,a-Trifluorotoluene 28.0 " 36	0.0 ND	89.5	70-130	8.04	20	
Xylenes (total) 54.6 0.50 " 60 Surrogate: a,a,a-Trifluorotoluene 28.0 " 30	0.0 1.0	95.0	70-130	8.15	20	
Surrogate: a, a, a-Trifluorotoluene 28.0 " 30	0.0 ND	92.5	70-130	7.79	20	
Surrogue. 4,4,4-114thorotolitene 20,0 30	0.0 0.99	89.3	70-130	6.55	20	
Batch 0J10006 - EPA 5030B [P/T]	0.0	93.3	70-130			
Blank (0J10006-BLK1) Prep	ared & Analyz	ed: 30-Sep	-00			
Purgeable Hydrocarbons ND 50 ug/l						
Benzene ND 0.50 "						
Toluene ND 0.50 "						
Ethylbenzene ND 0.50 "						
Xylenes (total) ND 0.50 "						
Surrogate: a,a,a-Trifluorotoluene 31.8 " 38	0.0	106	70-130			
LCS (0J10006-BS1) Prep	ared & Analyz	ed: 30-Sep	o-00			
Benzene 13.3 0.50 ug/l 20	0,0	66.5	70-130			Q-0
Toluene 21.6 0.50 " 20	0.0	108	70-130			
Ethylbenzene 21.3 0.50 " 20	0.0	106	70-130			
Xylenes (total) 67.9 0.50 " 66	0.0	113	70-130			
Surrogate: a,a,a-Trifluorotoluene 30.6 " 30	0.0	102	70-130			





Cambria - San Ramon 2694 Bishop Drive Suite 105 San Ramon CA, 94583

Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J10006 - EPA 5030B [P/T]	<u>-</u>									
Matrix Spike (0J10006-MS1)	So	urce: W0096	56-04RE	1 Prepared	& Analyz	ed: 30-Sep	o-00			
Benzene	11.9	0.50	ug/l	20.0	ND	59.5	70-130			Q-01
Toluene	22.5	0.50	**	20.0	ND	113	70-130			
Ethylbenzene	22.2	0.50	**	20.0	ND	111	70-130			
Xylenes (total)	71.0	0.50	**	60.0	ND	118	70-130			
Surrogate: a, a, a-Trifluorotoluene	30.5	 -	"	30.0	· · ·	102	70-130			
Matrix Spike Dup (0J10006-MSD1)	So	urce: W0096	56-04RE	1 Prepared	& Analyz	ed: 30-Sep	-00			
Benzene	11.1	0.50	ug/l	20.0	ND	55.5	70-130	6.96	20	Q-01
Toluene	20.5	0.50	ш	20.0	ND	103	70-130	9.30	20	
Ethylbenzene	20.3	0.50	ni.	20.0	ND	101	70-130	8.94	20	
Xylenes (total)	64.8	0.50	п	60,0	ND	108	70-130	9.13	20	
Surrogate: a,a,a-Trifluorotoluene	30.2		"	30.0		101	70-130			

2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0I30001 - EPA 3050B										<u>.</u> .
Blank (0I30001-BLK1)				Prepared:	30-Sep-00	0 Analyze	d: 02-Oct-	00		
Cadmium	ND	0.50	mg/kg			· · ·				
Chromium	ND	0.50	77							
Соррег	ND	0.50	#							
Lead	ND	1.0	ti .							
Nickel	ND	1.0	**							
Zinc	ND	1.0	II							
LCS (0I30001-BS1)				Prepared:	30-Sep-0	0 Analyze	d: 02 - Oct-	00		
Cadmium	51.6	0.50	mg/kg	50.0		103	80-120		• •	
Chromium	52.5	0.50	ü	50.0		105	80-120			
Copper	60.0	0.50	п	50.0		120	80-120			
Lead	52.7	1.0	**	50.0		105	80-120			
Nickel	52.1	1.0	"	50.0		104	80-120			
Zinc	50.3	1.0	•	50.0		101	80-120			
LCS Dup (0I30001-BSD1)				Prepared:	30-Sep-0	0 Analyze	d: 02-Oct-	00		
Cadmium	49.0	0.50	mg/kg	50.0		98.0	80-120	5.17	20	
Chromium	49.4	0.50	**	50.0		98.8	80-120	6.08	20	
Copper	55.0	0.50	"	50.0		110	80-120	8.70	20	
Lead	49.6	1.0	11	50.0		99.2	80-120	6.06	20	
Nickel	48.9	1.0	"	50.0		97.8	80-120	6.34	20	
Zinc	49.2	1.0	н	50.0		98.4	80-120	2.21	20	
Matrix Spike (0130001-MS1)	Se	ource: W0096	57-03	Prepared:	30-Sep-0	0 Analyze	d: 02-Oct-	00		
Cadmium	48.2	0.50	mg/kg	50.0	ND	96.4	80-120		,	
Chromium	110	0.50	"	50.0	17	186	80-120			Q-
Copper	81.1	0.50	II.	50.0	11	140	80-120			Q-
Lead	51.7	1.0	п	50.0	2.5	98.4	80-120			
Nickel	112	1.0	п	50.0	29	166	80-120			Q-
Zinc	80.3	1.0	11	50.0	16	129	80-120			Q-

2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0I30001 - EPA 3050B		37.42.33								
Matrix Spike Dup (0I30001-MSD1)	Sou	rce: W0096	57-03	Prepared:	30-Sep-0) Analyze	d: 02-Oct-	00		
Cadmium	50.2	0.50	mg/kg	50.0	ND	100	80-120	4.07	20	
Chromium	100	0.50	'n	50.0	17	166	80-120	9.52	20	Q-02
Copper	82.8	0.50	π	50.0	11	144	80-120	2.07	20	Q-02
Lead	53.7	1.0	77	50.0	2.5	102	80-120	3.80	20	
Nickel	111	1.0	н	50.0	29	164	80-120	0.897	20	Q-03
Zinc	76.8	1.0	11	50.0	16	122	80-120	4.46	20	Q-03
Batch 0J02011 - 200.7										
Blank (0J02011-BLK1)				Prepared:	02-Oct-00) Analyze	d: 03-Oct-	00		
Cadmium	ND	0.010	mg/l							
Chromium	ND	0.010	1)							
Copper	ND	0.010	**							
Lead	ND	0.020	**							
Nickel	ND	0.010	**							
Zinc	ND	0.020	**							
LCS (0J02011-BS1)				Prepared:	02-Oct-00) Analyze	d: 03-Oct-	00		
Cadmium	1.02	0.010	mg/I	1.00		102	80-120			
Chromium	1.01	0.010	"	1.00		101	80-120			
Соррег	1.06	0.010	U	1.00		106	80-120			
Lead	1.01	0.020	ti	1.00		101	80-120			
Nickel	1.00	0.010	ır	1.00		100	80-120			
Zine	1.05	0.020	a	1.00		105	80-120			
LCS Dup (0J02011-BSD1)				Prepared:	02-Oct-00) Analyze	d: 03-Oct-	00		
Cadmium	1.00	0.010	mg/l	1.00		100	80-120	1.98	20	
Chromium	1.00	0.010	"	1.00		100	80-120	0.995	20	
Copper	1.03	0.010	*1	1.00		103	80-120	2.87	20	
Lead	0.980	0.020	"	1.00		98.0	80-120	3.02	20	
Nickel	0.990	0.010	ęr	1.00		99.0	80-120	1.01	20	
Zinc	1.04	0.020	**	1.00		104	80-120	0.957	20	



2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 0J02011 - 200.7							,			
Matrix Spike (0J02011-MS1)	Sou	rce: W0093	96-01	Prepared:	02-Oct-0	0 Analyze	d: 03-Oct-	00		
Cadmium	1.03	0.010	mg/l	1.00	ND	102	80-120			
Chromium	1.02	0.010	п	1.00	ND	102	80-120			
Copper	1.30	0.010	ц	1.00	0.25	105	80-120			
Lead	1.10	0.020	п	1.00	0.083	102	80-120			
Nickel	1.20	0.010	п	1.00	0.19	101	80-120			
Zinc	3.00	0.020		1.00	1.8	120	80-120			
Matrix Spike Dup (0J02011-MSD1)	Sou	rce: W0093	96-01	Prepared:	02-Oct-0	0 Analyze	d: 03-Oct-	00		
Cadmium	0.980	0.010	mg/l	1.00	ND	97.5	80-120	4.98	20	
Chromium	1.01	0.010	11	1.00	ND	101	80-120	0.985	20	
Copper	1.30	0.010	11	1.00	0.25	105	80-120	0	20	
Lead	1.10	0.020	п	1.00	0.083	102	80-120	0	20	
Nickel	1.08	0.010	п	1.00	0.19	89.0	80-120	10.5	20	
Zine	2.60	0.020	п	1.00	1.8	80.0	80-120	14.3	20	
Batch 0J04014 - EPA 7471A										
Blank (0J04014-BLK1)		٠		Prepared	& Analyz	ed: 04-Oc	t-00			
Mercury	ND	0.010	mg/kg							
LCS (0J04014-BS1)				Prepared	& Analyz	ed: 04 -O c	t-00			
Mercury	0.100	0.010	mg/kg	0.100		100	75-125		•	
LCS Dup (0J04014-BSD1)				Prepared	& Analyz	ed: 04-Oc	t-00			
Mercury	0.107	0.010	mg/kg	0.100		107	75-125	6.76	20	



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Cambria - San Ramon

Project: Chevron

2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J04015 - EPA 200 Series										
Blank (0J04015-BLK1)				Prepared:	04-Oct-00) Analyze	d: 06-Oct-	00	-	
Mercury	ND	0.00020	mg/l					· ·		
LCS (0J04015-BS1)				Prepared:	04-Oct-00) Analyze	d: 06-Oct-	00		
Mercury	0.00207	0.00020	mg/l	0.00200	 	103	75-125			
LCS Dup (0J04015-BSD1)				Prepared:	04-Oct-00) Analyze	d: 06 -O ct-	00		
Mercury	0.00207	0.00020	mg/l	0.00200		103	75-125	0	20	
Matrix Spike (0J04015-MS1)	So	urce: W0095	55-01	Prepared:	04-Oct-00) Analyze	d: 06-Oct-	00		
Mercury	0.00197	0.00020	mg/l	0.00200	ND	98.5	75-125			
Matrix Spike Dup (0J04015-MSD1)	So	urce: W0095:	55-01	Prepared:	04-Oct-00) Analyze	d: 06-Oct-	00		
Mercury	0.00193	0.00020	mg/l	0.00200	ND	96.5	75-125	2.05	20	-

2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

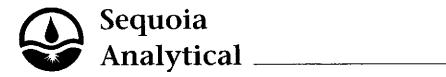
Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

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 0128018 - EPA 5030B [MeOH	[]				·					
Blank (0128018-BLK1)				Prepared	& Analyze	ed: 28-Sep	o-00			
Ethanol	ND	500	ug/l							
tert-Butyl alcohol	ND	50	**							
Methyl tert-butyl ether	ND	2.0	11							
Di-isopropyl ether	ND	2.0	*1							
Ethyl tert-butyl ether	ND	2.0	"							
tert-Arnyl methyl ether	ND	2.0	**							
Surrogate: Dibromofluoromethane	49.0	7-90	"	50.0		98.0	50-150	· · ·		-
Surrogate: 1,2-Dichloroethane-d4	47.0		"	50.0		94.0	50-150			
LCS (0I28018-BS1)				Prepared	& Analyze	ed: 28-Sep	-00			
Methyl tert-butyl ether	41.1	2.0	ug/l	50.0	· - · · · · · · · · · · · · · · · · · ·	82.2	70-130			
Surrogate: Dibromofluoromethane	49.0		"	50.0		98.0	50-150			
Surrogate: 1,2-Dichloroethane-d4	45.0		17	50.0		90.0	50-150			
Matrix Spike (0I28018-MS1)	So	urce: W0096	89-05RE	1Prepared	& Analyze	ed: 28-Ser	-00			
Methyl tert-butyl ether	48.5	2.0	ug/l	50.0	ND	97.0	60-150		···	
Surrogate: Dibromofluoromethane	50.0		'n	50.0		100	50-150			
Surrogate: 1,2-Dichloroethane-d4	43.0		"	50.0		86.0	50-150			
Matrix Spike Dup (0I28018-MSD1)	So	urce: W0096	89-05RE	1Prepared	& Analyze	ed: 28-Ser	-00			
Methyl tert-butyl ether	48.8	2.0	ug/l	50.0	ND	97.6	60-150	0.617	25	
Surrogate: Dibromofluoromethane	51.0		"	50.0		102	50-150		_	
Surrogate: 1,2-Dichloroethane-d4	43.0		"	50.0		86.0	50-150			
Batch 0I30005 - EPA 5030B [MeOH	1									
Blank (0I30005-BLK1)	•	<u> </u>		Prepared:	29-Sep-00) Analyze	d: 30-Sep-	-00	······	
Ethanol	ND	25	mg/kg	-						
tert-Butyl alcohol	ND	2.5	"							
Methyl tert-butyl ether	ND	0.10	н							
Di-isopropyl ether	ND	0.10	**							
Ethyl tert-butyl ether	ND	0.10	13							
tert-Amyl methyl ether	ND	0.10								
Surrogate: Dibromofluoromethane	2.45	~~~~	"	2.50		98.0	50-150			
Surrogate: 1,2-Dichloroethane-d4	2.35		tt	2.50		94.0	50-150			

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.



2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

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 0I30005 - EPA 5030B [MeOH]							·			_
Blank (0I30005-BLK2)			-	Prepared	& Analyze	ed: 02-Oc	t-00			
Ethanol	ND	25	mg/kg						<u>-</u>	
tert-Butyl alcohol	ND	2.5	,,							
Methyl tert-butyl ether	ND	0.10	H							
Di-isopropyl ether	ND	0.10	n							
Ethyl tert-butyl ether	ND	0.10	"							
tert-Amyl methyl ether	ND	0.10	Ħ							
Surrogate: Dibromofluoromethane	2.35		"	2.50		94.0	50-150			
Surrogate: 1,2-Dichloroethane-d4	2.20		"	2.50		88.0	50-150			
LCS (0130005-BS1)				Prepared:	29-Sep-00) Analyze	d: 30-Sep-	00		
Methyl tert-butyl ether	2.14	0.10	mg/kg	2.50		85.6	70-130		· · · · ·	
Surrogate: Dibromofluoromethane	2.45		"	2.50		98.0	50-150			
Surrogate: 1,2-Dichloroethane-d4	2.25		"	2.50		90.0	50-150			
LCS (0130005-BS2)				Prepared	& Analyze	ed: 02 - Oc1	t-00			
Methyl tert-butyl ether	2.43	0.10	mg/kg	2.50		97.2	70-130		· · · · · · · · · · · · · · · · · · ·	-
Surrogate: Dibromofluoromethane	2.45		//	2.50	•	98.0	50-150			.
Surrogate: 1,2-Dichloroethane-d4	2.15		u	2.50		86.0	50-150			
Matrix Spike (0I30005-MS1)	So	urce: W0096	43-07	Prepared:	29-Sep-00) Analyze	d: 01-Oct-	00		
Methyl tert-butyl ether	2.01	0.10	mg/kg	2.50	ND	80.4	60-140			_
Surrogate: Dibromoftuoromethane	2.35		"	2.50		94.0	50-150			
Surrogate: 1,2-Dichloroethane-d4	2.10		"	2.50		84.0	50-150			
Matrix Spike Dup (0130005-MSD1)	So	urce: W0096	43-07	Prepared:	29-Sep-00) Analyze	d: 01 -O ct-	00		
Methyl tert-butyl ether	2.40	0.10	mg/kg	2.50	ND	96.0	60-140	17.7	25	
Surrogate: Dibromofluoromethane	2.50			2.50		100	50-150		# = ******	
Surrogate: 1,2-Dichloroethane-d4	2.25		"	2.50		90.0	50-150			

2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

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 0I28015 - EPA 3550A										
Blank (0128015-BLK1)				Prepared:	28-Sep-0	O Analyze	d: 30-Sep-	00		
Acenaphthene	ND	0.10	mg/kg		•					-
Acenaphthylene	ND	0.10	"							
Anthracene	ND	0.10	••							
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	17							
Chrysene	ND	0.10	и							
Dibenz (a,h) anthracene	ND	0.10	u							
Fluoranthene	ND	0.10	II.							
Fluorene	ND	0.10	ti .							
Indeno (1,2,3-cd) pyrene	ND	0.10	п			•				
2-Methylnaphthalene	ND	0.10	11							
Naphthalene	ND	0.10	11							
Phenanthrene	ND	0.10	II							
Ругепе	ND	0.10	u							
Surrogate: 2-Fluorophenol	3.26		11	5.00		65.2	25-121		_	
Surrogate: Phenol-d6	3.12		n .	5.00		62.4	24-113			
Surrogate: Nitrobenzene-d5	2.68		F.F	3.33		80.5	23-120			
Surrogate: 2-Fluorobiphenyl	2.61		"	3.33		78.4	30-115			
Surrogate: 2,4,6-Tribromophenol	4.19		"	5.00		83.8	19-122			
Surrogate: p-Terphenyl-d14	2.62		н	3.33		78.7	18-137			
LCS (0I28015-BS1)				Prepared:	28-Sep-00) Analyze	d: 01 -O ct-	00		
Acenaphthene	2.53	0.10	mg/kg	3.33		76.0	31-137			
Pyrene	2.13	0.10	п	3.33		64.0	35-142			
Surrogate: 2-Fluorophenol	3.31		**	5.00		66.2	25-121			
Surrogate: Phenol-d6	3.30		u	5.00		66.0	24-113			
Surrogate: Nitrobenzene-d5	2.76		n	3.33		82.9	23-120			
Surrogate: 2-Fluorobiphenyl	2.64		"	3.33		79.3	30-115			
Surrogate: 2,4,6-Tribromophenol	4.84		"	5.00		96.8	19-122			
Surrogate: p-Terphenyl-d] 4	2.16		"	3.33		64.9	18-137			



2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

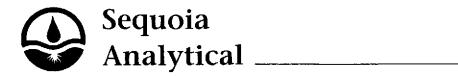
Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

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 0I28015 - EPA 3550A										
LCS Dup (0I28015-BSD1)	-			Prepared:	28-Sep-0) Analyze	d: 01-Oct-	00		_
Acenaphthene	2.30	0.10	mg/kg	3,33		69.1	31-137	9.52	40	
Pyrene	2.17	0.10	11	3.33		65.2	35-142	1.86	40	
Surrogate: 2-Fluorophenol	3.02		"	5.00		60.4	25-121		*	· · ·
Surrogate: Phenol-d6	2.96		tt	5.00		59.2	24-113			
Surrogate: Nitrobenzene-d5	2.54		"	3.33		76.3	23-120			
Surrogate: 2-Fluorobiphenyl	2.35		"	3.33		70.6	30-115			
Surrogate: 2,4,6-Tribromophenol	4.57		"	5.00		91.4	19-122			
Surrogate: p-Terphenyl-d14	2.15		"	3.33		64.6	18-137			
Batch 0I29009 - EPA 3510B										
Blank (0I29009-BLK1)				Prepared:	29-Sep-0) Analyze	d: 02-Oct-	00		
Acenaphthene	ND	5.0	ug/l							
Acenaphthylene	ND	5.0	"							
Anthracene	ND	5.0	"							
Benzo (a) anthracene	ND	5.0	u							
Benzo (b) fluoranthene	ND	5.0	u							
Benzo (k) fluoranthene	ND	5.0	п							
Benzo (ghi) perylene	ND	5.0	fi							
Benzo[a]pyrene	ND	5.0	n n							
Chrysene	ND	5.0	п							
Dibenz (a,h) anthracene	ND	5.0	μ							
Fluoranthene	ND	5.0								
Fluorene	ND	5.0	п							
Indeno (1,2,3-cd) pyrene	ND	5.0	n n							
2-Methylnaphthalene	ND	5.0	п							
Naphthalene	ND	5.0	п							
Phenanthrene	ND	5.0								
Pyrene	ND ND	5.0	11							
Surrogate: 2-Fluorophenol	66.2			150		44.1	21-110			
Surrogate: Phenol-d6	39.7		"	150		26.5	10-110			
Surrogate: Nitrobenzene-d5	70.9		"	100		70.9	35-114			
Surrogate: 2-Fluorobiphenyl	74.5		"	100		74.5	43-116			
Surrogate: 2,4,6-Tribromophenol	102		"	150		68.0	10-123			
Surrogate: p-Terphenyl-dl 4	72.3		n	100		72.3	33-141			

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.



2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported**: 10-Oct-00 11:05

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 0I29009 - EPA 3510B										
LCS (0129009-BS1)			 	Prepared:	29-Sep-00) Analyze	d: 02-Oct-	00		
Acenaphthene	70.8	5.0	ug/l	100		70.8	46-118			
Pyrene	69.7	5.0	11	100		69.7	26-127			
Surrogate: 2-Fluorophenol	69.6		11	150		46,4	21-110			
Surrogate: Phenol-d6	42.2		"	150		28.1	10-110			
Surrogate: Nitrobenzene-d5	77.2		"	100		77.2	35-114			
Surrogate: 2-Fluorobiphenyl	76,2		"	100		76.2	43-116			
Surrogate: 2,4,6-Tribromophenol	118		"	150		78.7	10-123			
Surrogate: p-Terphenyl-d14	69.9		"	100		69.9	33-141			
LCS Dup (0129009-BSD1)				Prepared:	29-Sep-00) Analyze	d: 02-Oct-	00		
Acenaphthene	68.6	5.0	ug/l	100		68.6	46-118	3.16	30	
Pyrene	74.9	5.0	li .	100		74.9	26-127	7.19	30	
Surrogate: 2-Fluorophenol	64,3	···	n	150		42.9	21-110			
Surrogate: Phenol-d6	38.8		n	150		25.9	10-110			
Surrogate: Nitrobenzene-d5	74.0		"	100		74.0	35-114			
Surrogate: 2-Fluorobiphenyl	74.6		"	100		74.6	43-116			
Surrogate: 2,4,6-Tribromophenol	108		"	150		72.0	10-123			
Surrogate: p-Terphenyl-dl 4	71.9		#	100		71.9	33-141			

Cambria - San Ramon 2694 Bishop Drive Suite 105

San Ramon CA, 94583

Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

Organochlorine Pesticides by EPA Method 8081A - Quality Control Star Analytical, Inc.

Notes
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2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons **Reported:** 10-Oct-00 11:05

Organochlorine Pesticides by EPA Method 8081A - Quality Control Star Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch V0I2915 - EPA 3550					,					
LCS Dup (V0I2915-BSD1)				Prepared:	29-Sep-0	0 Analyze	d: 02-Oct-	00		
Aldrin	3.82	1.00	ug/kg	3.33		115	53-165	0.525	27	
gamma-BHC (Lindane)	3.80	1.00	n .	3.33		114	35-156	2.08	30	
4,4´-DDT	11.8	6.00	ц	8.33		142	84-155	1.68	13	
Dieldrin	8.15	2.00	II .	8.33		97.8	60-133	5.49	21	
Endrin	10.3	2.00	11	8.33		124	22-147	9.26	12	
Heptachlor	3.78	1.00	п	3.33		114	57-148	10.5	48	
Surrogate: TCMX	9.30		ļī.	8.33		112	34-192			
Surrogate: Decachlorobiphenyl	18.2		"	8.33		218	60-130			S-0
Batch V0J0215 - EPA 3510C										
Blank (V0J0215-BLK1)				Prepared:	02-Oct-00) Analyze	d: 03-Oct-	00		
Aldrin	ND	0.0250	ug/l							
alpha-BHC	ND	0.0250	*							
beta-BHC	ND	0.0250	11							
delta-BHC	ND	0.0250	17							
gamma-BHC (Lindane)	ND	0.0250	ır							
alpha-Chlordane	ND	0.500								
gamma-Chlordane	ND	0.500	τι							
4,4´-DDD	ND	0.150	11							
4,4′-DDE	ND	0.150	**							
4,4'-DDT	· ND	0.150	**							
Dieldrin	ND	0.0500	**							
Endosulfan I	ND	0.0500	14							
Endosulfan II	ND	0.0500	**							
Endosulfan sulfate	ND	0.150	**							
Endrin	ND	0.0500	**							
Endrin aldehyde	ND	0.150	"1							
Heptachlor	ND	0.0250	"							
Heptachlor epoxide	ND	0.0250	u							
Methoxychlor	ND	0.500	"							
Toxaphene	ND	2.00	ч							
Surrogate: TCMX	0.282		"	0.500		56.4	60-130			***
Surrogate: Decachlorobiphenyl	1.05		H	0.500		210	60-130			S-07

Sequoia Analytical - Walnut Creek

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2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

Organochlorine Pesticides by EPA Method 8081A - Quality Control Star Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch V0J0215 - EPA 3510C			•						·	
LCS (V0J0215-BS1)				Prepared:	02-Oct-00) Analyze	d: 03-Oct-	00		
Aldrin	0.188	0.0250	ug/l	0.200		94.0	26-162			
gamma-BHC (Lindane)	0.229	0.0250	п	0.200		114	22-175			
4,4'-DDT	0.730	0.150	u	0.500		146	0-201			
Dieldrin	0.493	0.0500	ш	0.500		98.6	54-162			
Endrin	0.635	0.0500	II .	0.500		127	30-148			
Heptachlor	0.186	0.0250	u	0.200		93.0	45-145			
Surrogate: TCMX	0.406		"	0.500		81.2	60-130			
Surrogate: Decachlorobiphenyl	1.20		rr r	0.500		240	60-130			S-07
LCS Dup (V0J0215-BSD1)				Prepared:	02-Oct-00) Analyze	d: 03-Oct-	00		
Aldrin	0.178	0.0250	ug/l	0.200		89.0	26-162	5.46	32	
gamma-BHC (Lindane)	0.229	0.0250	11	0.200		114	22-175	0	23	
4,4´-DDT	0.719	0.150	11	0.500		144	0-201	1.52	42	
Dieldrin	0.489	0.0500	**	0.500		97.8	54-162	0.815	27	
Endrin	0.636	0.0500	**	0.500		127	30-148	0.157	24	
Heptachior	0.178	0.0250	**	0.200		89.0	45-145	4.40	30	
Surrogate: TCMX	0.359		<u>n</u>	0.500		71.8	60-130			
Surrogate: Decachlorobiphenyl	1.20		"	0.500		240	60-130			S-07
Duplicate (V0J0215-DUP1)	So	ource: W0096	43-20	Prepared:	02-Oct-00) Analyze	d: 03-Oct-	00		
Aldrin	ND	0,0250	ug/l		ND		· · · · · · · · · · · · · · · · · · ·		20	···
alpha-BHC	ND	0.0250	**		ND				200	
beta-BHC	ND	0.0250	**		ND				200	
delta-BHC	ND	0.0250	**		ND				200	
gamma-BHC (Lindane)	ND	0.0250	**		ND				20	
alpha-Chlordane	ND	0.500	17		ND				200	
gamma-Chlordane	ND	0.500	11		ND				200	
4,4'-DDD	ND	0.150	ff.		ND				200	
4,4'-DDE	ND	0,150	**		ND				200	
4,4 -DDT	ND	0.150	**		ND				20	
Dieldrin	ND	0.0500	***		ND				20	
Endosulfae I	ND	0.0500	+*		ND				200	
Endosulfan II	ND	0.0500	**		ND				200	
Endosulfan sulfate	ND	0.150	*1		ND				200	
Endrin	ND	0.0500	**		ND				20	

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.



2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons

Reported: 10-Oct-00 11:05

Organochlorine Pesticides by EPA Method 8081A - Quality Control Star Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch V0J0215 - EPA 3510C										
Duplicate (V0J0215-DUP1)	So	urce: W0096	43-20	Prepared:	02-Oct-0	0 Analyze	d: 03-Oct-	00		
Endrin aldehyde	ND	0.150	ug/l		ND				200	
Heptachlor	ND	0.0250	"		ND				20	
Heptachlor epoxide	ND	0.0250			ND				200	
Methoxychlor	ND	0.500	н		ND				200	
Toxaphene	ND	2.00	**		ND				200	
Surrogate: TCMX	0.558		"	0.500		112	60-130		 -	
Surrogate: Decachlorobiphenyl	0.963		"	0.500		193	60-130			S-07
Matrix Spike (V0J0215-MS1)	Sor	urce: W0096	43-18	Prepared:	02-Oct-00	Analyze	d: 03-Oct-	00		
Aldrin	0.844	0.0250	ug/l	0.200	ND	422	60-130			Q-02
gamma-BHC (Lindane)	0.236	0.0250	п	0.200	ND	118	60-130			•
4,4´-DDT	0.635	0.150	U	0.500	ND	127	60-130			
Dieldrin	42.7	0.0500	U	0.500	ND	8540	60-130			Q-02
Endrin	0.614	0.0500	"	0.500	ND	123	60-130			•
Heptachlor	0.185	0.0250	***	0.200	ND	92.5	60-130			
Surrogate: TCMX	0.416		<u>"</u>	0.500		83.2	60-130			
Surrogate: Decachlorobiphenyl	0.883		Ħ	0.500		177	60-130			S-07

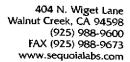


2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control Star Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch V0I2918 - EPA 3550		<u> </u>				·		• • • • • • • • • • • • • • • • • • • •		
Blank (V0I2918-BLK1)				Prepared	& Analyz	ed: 29-Ser	o-00			
Aroclor 1016	ND	20.0	ug/kg		.		<u> </u>			
Aroclor 1221	ND	20.0	н							•
Aroclor 1232	ND	20.0	н							
Aroclor 1242	ND	20.0	ıı .							
Aroclor 1248	ND	20.0	ıı							
Aroclor 1254	ND	20.0	**							
Aroclor 1260	ND	20.0	••							
Aroclor 1262	ND	20.0	#							
Aroclor 1268	ND	20.0	7*							
LCS (V0 I2 918-BS1)				Prepared	& Analyze	ed: 29-Sep	-00			
Aroclor 1260	79.8	20.0	ug/kg	66.7		120	50-150			
LCS Dup (V0I2918-BSD1)				Prepared a	& Analyze	ed: 29-Sep	-00			
Aroclor 1260	66.8	20.0	ug/kg	66.7		100	50-150	17.7	50	
Batch V0J0216 - EPA 3510C				•						
Blank (V0J0216-BLK1)				Prepared:	02-Oct-00) Analyze	d: 03-Oct-	00		
Aroclor 1016	ND	0.500	ug/l	<u>-</u>						
Aroclor 1221	ND	0.500	"							
Aroclor 1232	ND	0.500	**							
Aroclor 1242	ND	0,500	**							
Aroclor 1248	ND	0.500	n							
Aroclor 1254	ND	0.500	п							
Aroclor 1260	ND	0.500	11							
Aroclor 1262	ND	0.500	n n							
Aroclor 1268	ND	0.500								



2694 Bishop Drive Suite 105 San Ramon CA, 94583 Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons Reported: 10-Oct-00 11:05

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control Star Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch V0J0216 - EPA 3510C	-										
LCS (V0J0216-BS1)				Prepared:	02-Oct-00) Analyze	1: 03-Oct-	00			
Aroclor 1260	3.80	0.500	ug/l	4.00		95.0	0-211				
LCS Dup (V0J0216-BSD1)				Prepared:	02-Oct-00) Analyzeo	1: 03-Oct-	00			
Aroclor 1260	4.54	0.500	ug/l	4.00		113	0-211	17.7	50	<u> </u>	
Duplicate (V0J0216-DUP1)	Sou	urce: W00964	43-20	Prepared:							
Aroclor 1016	ND	0.500	ug/l		ND	<u>*</u>			200		
Aroclor 1221	ND	0.500	"		ND				200		
Aroclor 1232	ND	0.500	78		ND				200		
Aroclor 1242	ND	0.500	н		ND				200		
Aroclor 1248	ND	0.500	u		ND				200		
Aroclor 1254	ND	0.500	11		ND				200		
Aroclor 1260	ND	0.500	п		ND				200		
Aroclor 1262	ND	0.500	н		ND				200		
Aroelor 1268	ND	0.500	n		ND				200		
Matrix Spike (V0J0216-MS1)	te (V0J0216-MS1) Source: W009643-19 Prepared: 02-Oct-00 Analyzed: 03-Oct-00										
Aroclor 1260	4.87	0.500	ug/l	4.00	ND	122	0-208				



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

Cambria - San Ramon

RPD

2694 Bishop Drive Suite 105

San Ramon CA, 94583

Project: Chevron

Project Number: Chevron # 9-3322 Project Manager: Albert Simmons

Reported: 10-Oct-00 11:05

Notes and Definitions

	1,000 1110 2 01111110112
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.
Q-02	The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
R-05	The reporting limit(s) for this sample have been raised due to high levels of non-target compounds.
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.
S-07	Due to an extraction anomaly, results of the secondary surrogate have been used to control the analysis.
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

Relative Percent Difference

Chevron U. P.O. BOX San Ramon, FAX (415)8	5004 CA 94583	Cone	Fool: aultent Pr aultent Ne Address &	lity Numb Ity Addrei roject Nu: came CC 2694 B ontact (F	_ L	Laboratory Name Release Number WOOGE 43 Samples Collected by (Name) David Grayon Albert Simmons Collection Date 925100																	
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)	STEX + TPH CAS + (8020 + 8015)	1PH Dicael (8015)	Oil and Grease (5520)	Purgeable Holocarbons (8010)		Analys	ee To E	Metals CAM 17 Cat. Cat. Cat. Cat. Cat. Cat. Cat. Cat.	rmed	1,,	i	,			Remorks	
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84-18'	05																						
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BS - 3'	08																						
SB5-51	09																						
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Chevron U. P.O. BOX San Ramon, FAX (415)8	5004 Ca 94583	Chevron Foolily Number 9-3322 Facility Address 7225 Bancroff Ave, Oakland Consultant Project Number 31A - 1806 Consultant Name Cambria Consult																			
Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soll A = Air W = Water C = Charcoal	1 8 8 8	Į.	Sample Preservation	iced (Yes or No.)	BIEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oll and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Arometics (8020)	т <u>,</u>	·	Metals (ANN) 7	<u> </u>	PCB & Pesticides	8200 % OXX') + MBC			Remarke
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