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February 9, 2005

Project No. 08CH.51834.05

Mr. Eric Roehl
Chevron Environmental Management Company
145 S. State College Boulevard
P.O. Box 2292
Brea, CA 92822-2292

Subject: Quarterly Remediation Progress Report, Fourth Quarter 2004
Former Chevron Service Station #9-1834
4175 Voltaire Street
San Diego, California 92107
Unauthorized Release # H12455-001

Dear Mr. Roehl:

SECOR International Incorporated (SECOR), on behalf of Chevron Environmental Management Company (Chevron), is performing soil and groundwater remediation at the above referenced site (Figure 1). This report summarizes the operation and maintenance activities and hydrocarbon mass removal at the subject site during the fourth quarter of 2004 (October through December).

SITE REMEDIATION HISTORY

The site operated as a Chevron Standard Oil Company fuel service station as early as 1955. In October 1996, DST Builders of Westminster, California exposed and removed five-steel underground storage tanks (USTs) and associated piping from the site (Alton, June 1997). Alton Geoscience conducted an initial site assessment and soil vapor extraction (SVE) feasibility survey following the removal of the USTs (Alton, July 1997).

The site assessments conducted by Alton included the installation of nine monitoring wells located on the site (MW-1 through MW-9) and three monitoring wells located off-site (MW-10 through MW-12). Two of the off-site monitoring wells are located in a parking lot southeast of the site, and the other off-site well is located on Voltaire Street, northwest of the site. The locations of the monitoring wells are illustrated on Figure 2.

Alton concluded, from their initial site assessment, that petroleum hydrocarbon-impacted soil and groundwater is present in the vicinity of the former UST cavity and the northeast portion of the site (Alton, June 1997). Liquid-phase hydrocarbons (LPH) have been identified in wells MW-1 and MW-9 as either a thickness or sheen since September 1999. LPH have not been identified in any of the other wells.

On October 2, 2002, SECOR personnel followed the start up procedures specified in the Air Pollution Control District (APCD) Permit and the SVE system operation and maintenance manual. Vacuum was applied to the six SVE wells and air samples from each well were collected for laboratory analysis. Process, influent, and effluent air samples were collected to document the SVE system destruction efficiency. Table 1 summarizes the cumulative hydrocarbon mass removal of the SVE system.

BBC Environmental, Inc. (BBC) performed quarterly groundwater sampling and analysis at the site and manually bailed LPH from the wells each quarter from the project initiation to first quarter 2003. SECOR began performing groundwater sampling and analysis in the second quarter 2003. Constituents that have been detected in the wells historically include total petroleum hydrocarbon as gasoline (TPHg); benzene, toluene, ethylbenzene, xylene (BTEX); methyl-tert-butyl ether (MTBE); di-isopropyl ether (DIPE); and tert-butanol (TBA).

SOIL VAPOR EXTRACTION SYSTEM

SYSTEM DESCRIPTION

The SVE system is connected to six SVE wells, three of which are nested, dual-completion wells with shallow and deep screened sections. Vapors from the soil are extracted and treated by a catalytic oxidizer (catox) system. SECOR installed a 100 cubic-feet-per-minute King Buck/Hasstech Model MMC-5AT SVE/catalytic oxidizer unit at the subject site in September 2002. The SVE system layout is depicted on Figure 2. A process flow diagram is included as Figure 3.

The catox unit is designed to run continuously. The system is equipped with an automatic shut-off if the system maximum temperature, flow, or water level is exceeded. The SVE system is operating under the San Diego Air Pollution Control District (APCD) Permit #978165.

Flat cotton wicks are used in MW-1 and MW-9 to reduce the sheen. The wicks are partially submerged in groundwater to aid in volatilization of sheen to then be extracted by the SVE system.

SYSTEM OPERATION AND MAINTENANCE

Operation and maintenance activities during fourth quarter 2004 included a system optimization, draining the knock out pot, changing the wicks in MW-1 and MW-9, and replacing a faulty circuit breaker. On September 24, 2004, the system was shut down due to a faulty circuit breaker that caused the unit to shut off periodically throughout the third quarter. The circuit breaker was replaced and the system was restarted on October 12, 2004. Operation and maintenance visits are conducted on a weekly basis. The operation and maintenance logs in Appendix A contain detailed descriptions of operation and maintenance activities. Table 2 summarizes the SVE system operation and maintenance.

During the fourth quarter of 2004, process volatile fuel hydrocarbons as gasoline (VFH) vapor concentrations for the SVE system ranged from 15 parts per million by volume (ppmv) to 110

ppmv. Process and effluent vapor samples are collected monthly. Vapor samples are analyzed for VFH, BTEX, and MTBE by EPA Methods 8260B. Table 1 summarizes the vapor sampling results. Monthly system optimization is performed to maximize the SVE system flow rate and optimize process VFH concentrations. The analytical laboratory reports are included in Appendix B.

HYDROCARBON MASS REMOVAL

During the fourth quarter of 2004, operation of the SVE system at former Chevron service station 9-1834 removed approximately 71 pounds of VFH and 0.0 pounds of benzene from the subsurface sediments. Since SVE system startup in October 2002, operation of the SVE system removed approximately 6,205 pounds of VFH and 31 pounds of benzene from the subsurface. Table 1 presents the calculated hydrocarbon mass removal results. Figure 4 is a graphical representation of the process VFH concentration versus hydrocarbon mass removal over time.

Groundwater monitoring data from fourth quarter 2004 indicate that MW-1 and MW-9 have sheen. MW-1 and MW-9 were sampled, despite the presence of sheen, to determine the extent of hydrocarbons around these wells. Only two of the nine sampled wells were above the MTBE maximum contamination levels (MCLs) of 13 micrograms per liter (µg/L) at concentrations of 16 µg/L in MW-3 and 210 µg/L in MW-9. The benzene MCLs of <1.0 µg/L were met in all wells except MW-1, MW-2, MW-7, and MW-9, with concentrations ranging from 1.2 µg/L in MW-2 to 3,100 µg/L in MW-1. Excerpts from the fourth quarter 2004 groundwater monitoring report are included as Appendix C, including a groundwater gradient map (Figure 4) and a benzene, MTBE, and TBA constituent concentrations in groundwater map (Figure 5).

CONCLUSIONS AND FUTURE ACTIONS

The system was operational for the majority of fourth quarter 2004, however mass removal quantities were minimal. Source vapor sample laboratory analytical results report non-detectable quantities of benzene and asymptotically low quantities of VFH. SECOR recommends that the SVE system be temporarily shut down for a two week period for a vapor rebound test. Vapor samples will be taken prior to shut down and two weeks later to check for hydrocarbon vapor increase. If a vapor rebound does not occur, the SVE system will be shut down to allow groundwater conditions at the site to be evaluated for closure.

To evaluate permanent remediation system shut-down and subsequent site closure, SECOR plans to collect groundwater samples from the groundwater monitoring wells a minimum of one month following SVE system shut-down to evaluate whether dissolved petroleum hydrocarbon concentrations increase when the SVE system in no longer operating. Results of the first quarter 2005 monitoring event will be evaluated to determine the future course of action for the site.

If you have any questions or comments, please call the undersigned at (619) 296-6195.

Sincerely,

SECOR International Incorporated

Kelsi S. Nelson
Project Engineer

Kimberly N. Thompson
Project Manager

Neal S. Keller, P.E. #C59525
Senior Engineer

REGISTERED PROFESSIONAL ENGINEER
NEAL S. KELLER
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EXP. 12-31-05
CIVIL
STATE OF CALIFORNIA

Attachments:

Figure 1 - Site Location Map
Figure 2 - Soil Vapor Extraction System Layout Map
Figure 3 - Process Flow Diagram – Soil Vapor Extraction System
Figure 4 - SVE System Performance
Table 1 - Summary of SVE System Hydrocarbon Mass Removal
Table 2 - Summary of SVE System Operation and Maintenance
Appendix A - Operation and Maintenance Logs
Appendix B - Certified Analytical Reports
Appendix C - Excerpts from Fourth Quarter 2004 Groundwater Monitoring Report

cc: Mr. Kent Huth, County of San Diego, Department of Environmental Health

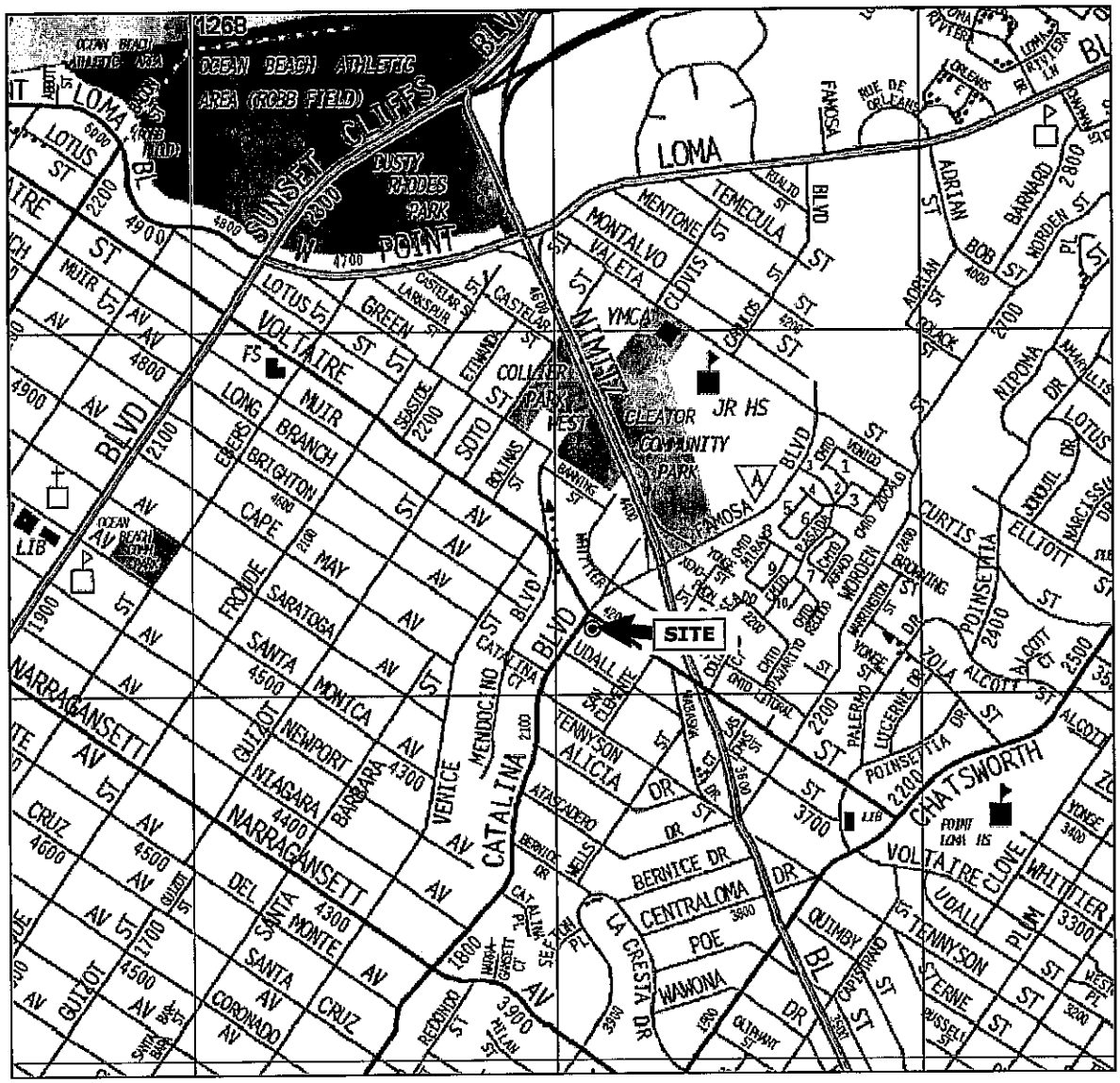
REFERENCES

Alton Geoscience, Initial Site Assessment, Chevron Station 9-1834, 4175 Voltaire Street, San Diego, California: Report prepared for Chevron U.S.A. Products Company dated June 26, 1997

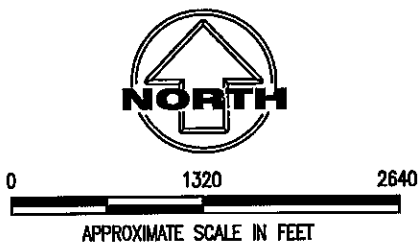
Alton Geoscience, Soil Vapor Extraction Testing, Chevron Station 9-1834, 4175 Voltaire Street, San Diego, California: Report prepared for Chevron U.S.A. Products Company dated July 25, 1997

TRC Alton Geoscience, MTS Mobile Treatment System informational brochure

FIGURES

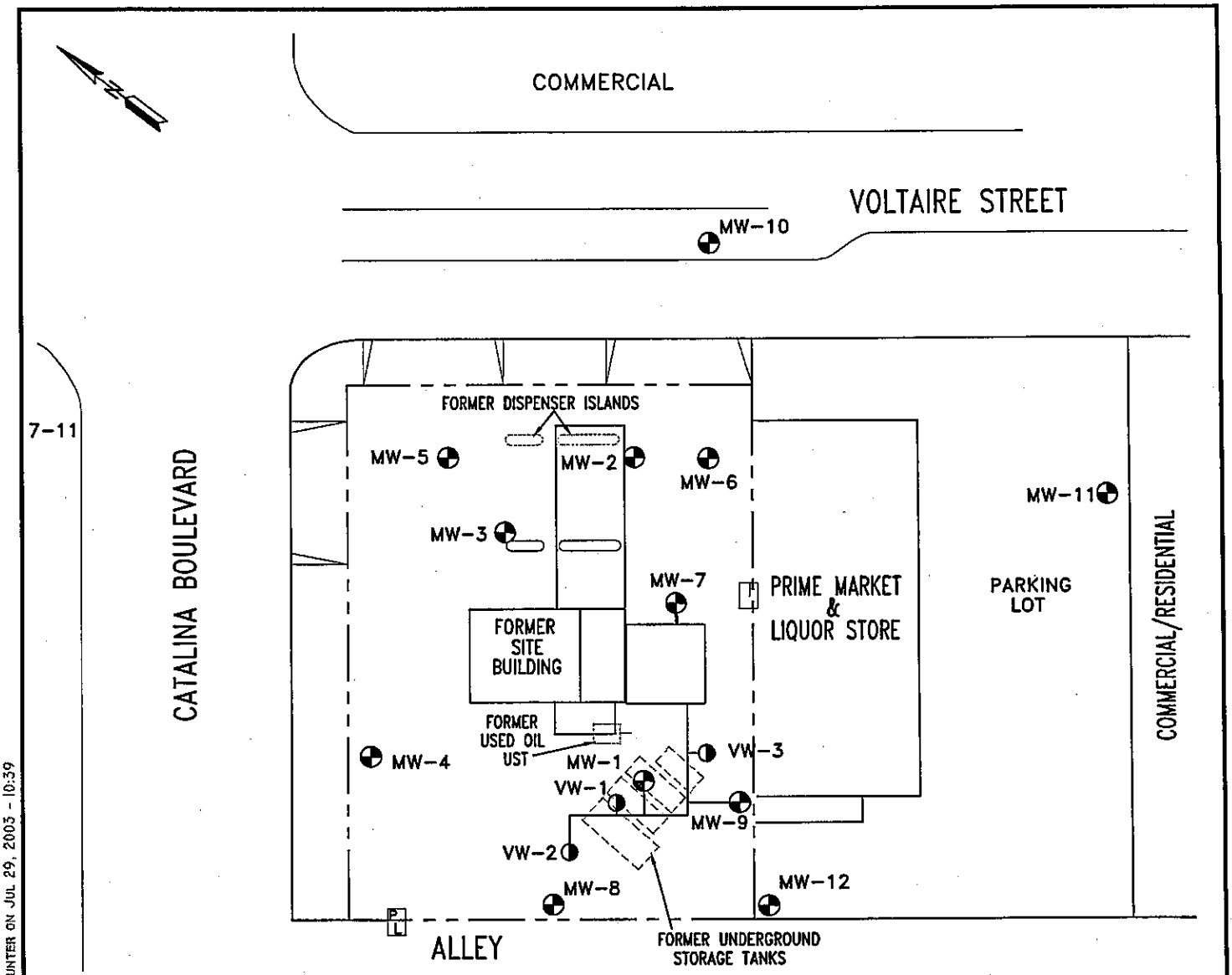


REFERENCE: THOMAS GUIDE CD-ROM, PAGE & GRID 1268 B6.



DRAWN BY: LGH CHECKED: APPROVED: DATE: 7/1/04 JOB No.: 08CH.41834.04 CAD FILE: 91834SLOC6-03	PREPARED BY: SECOR 2655 Camino del Rio North, Suite 302 San Diego, California	PREPARED FOR: FORMER CHEVRON STATION NO. 9-1834 4175 VOLTAIRE STREET SAN DIEGO, CALIFORNIA	FIGURE 1 **SITE LOCATION MAP**

P:\CAD\ALLPROJECTS2003DWGS\CHEVRON 200319-1834-2K319\1834SLOC6-03.DWG MODIFIED BY LHUNTER ON AUG 11, 2004 - 10:40



LEGEND:

MW-3 MONITORING WELL LOCATION AND IDENTIFICATION.

VW-1 NESTED VAPOR EXTRACTION WELL

SCALE
1 inch = 40 feet
0 20 40

DRAWN BY: LGH CHECKED: APPROVED: DATE: 7/29/03 JOB No.: 08CH.51834.03 CAD FILE: 91834SVESLM7-03	PREPARED BY: SECOR 2655 Camino del Rio North, Suite 302 San Diego, California	PREPARED FOR: FORMER CHEVRON STATION NO. 9-1834 4175 VOLTAIRE STREET SAN DIEGO, CALIFORNIA	FIGURE 2 **SOIL VAPOR EXTRACTION SYSTEM LAYOUT MAP**

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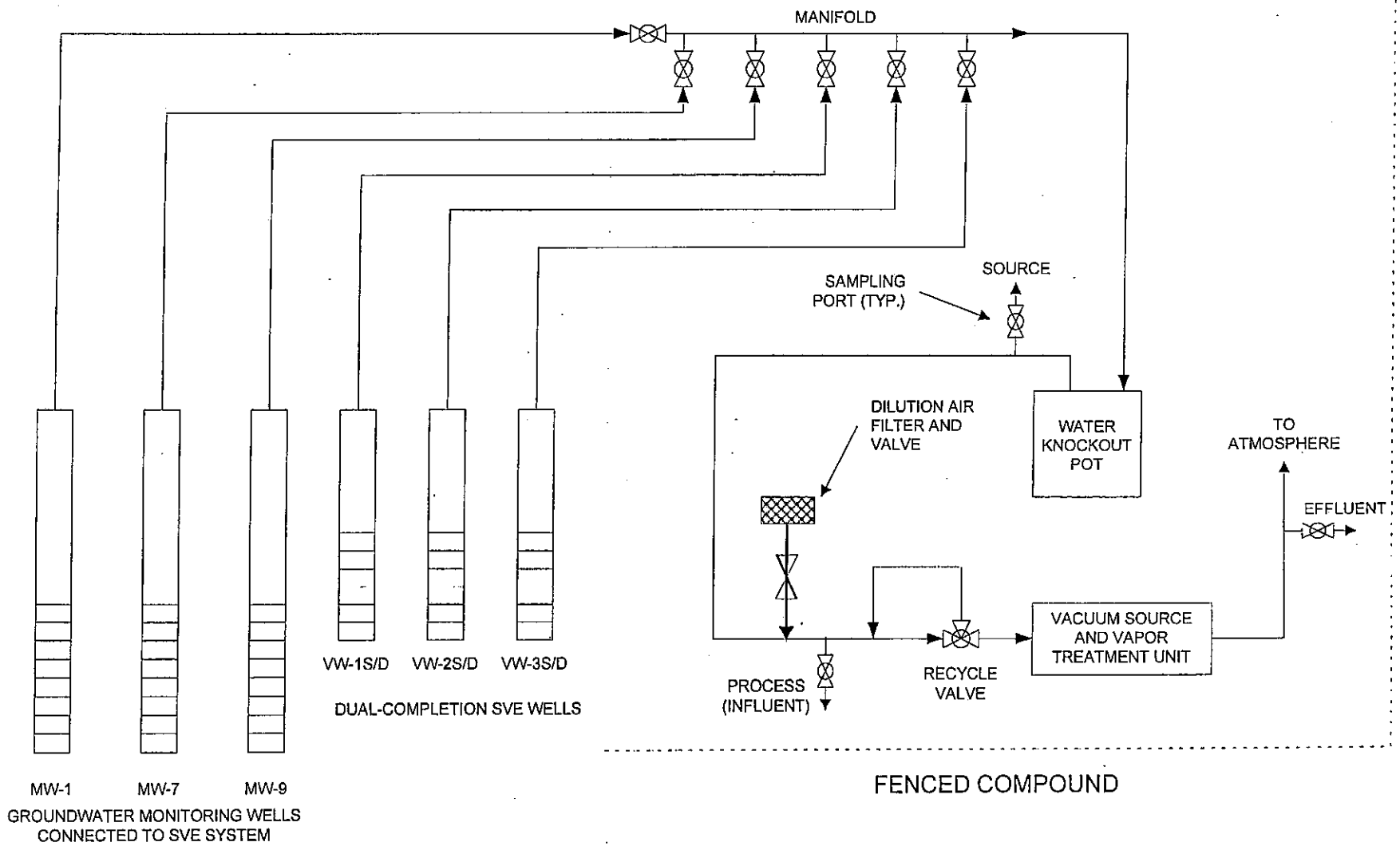

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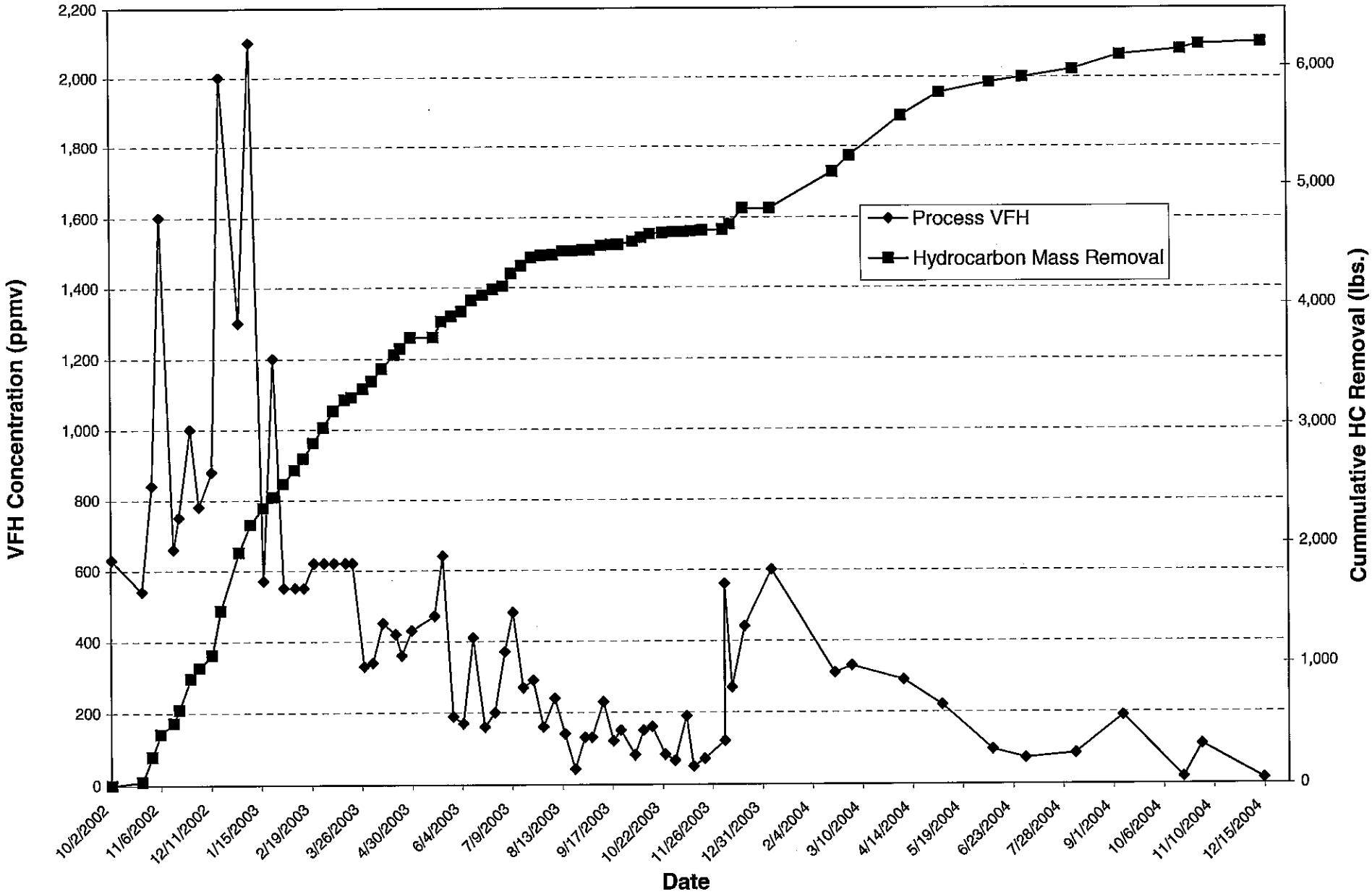
FORMER CHEVRON PRODUCT STATION 9-1834
4175 Voltaire Street
San Diego, California

PROCESS FLOW DIAGRAM - SOIL VAPOR EXTRACTION SYSTEM

FIGURE: 3
PROJECT: 08CH.51834

FIGURE 4
SVE System Performance
Fourth Quarter 2004 (October through December)
Former Chevron # 9-1834
4175 Voltaire Street, San Diego, CA



TABLES

TABLE 1
Summary of SVE System Hydrocarbon Mass Removal
Fourth Quarter 2004 (October through December)
Former Chevron Station #9-1834
4175 Voltaire Street, San Diego, CA

SOURCE WELLS	Date	Run Time Meter (hrs)	Cumul. Run Time (hrs)	Percent Up-Time	Process Flow Rate (cfm)	Process VFH (ppmv)	Process Benzene (ppmv)	Cumul. VFH Removed (lbs.)	Cumul. Benzene Removed (lbs.)	Comments
VW-1S, VW-2S, VW-3S	10/02/02 16:15	~ 1945	0	-	100	630	< 4.0	0	0.0	System Start-up; temp breaker needs maintenance.
VW-1S, VW-2S, VW-3S	10/23/02 13:30	1980	35	7%	98	540	< 8.0	28	0.2	System down due to heating element breaker.
VW-1S, VW-2S, VW-3S	10/30/02 12:30	2144	199	98%	97	840	< 32	233	3.2	
VW-1S, VW-2S, VW-3S	11/05/02 12:00	2220	275	53%	99	1,600	39	417	6.7	
VW-1S, VW-2S, VW-3S	11/14/02 08:00	2314	369	44%	99	660	< 1.6	511	6.8	Heating element breaker repaired
VW-1S, VW-2S, VW-3S	11/18/02 09:30	2411	466	99%	100	750	< 1.6	623	6.9	
VW-1S, VW-2S, VW-3S	11/26/02 06:00	2579	634	89%	98	1,000	< 16	875	8.5	System down, high water alarm. Sampling error
VW-1S, VW-2S, VW-3S	12/02/02 13:00	2656	711	51%	100	780	1.6	966	8.6	Power outage due to storm.
VW-1S, VW-2S, VW-3S	12/11/02 14:00	2746	801	41%	87	880	< 1.6	1,072	8.7	System down, high water alarm. Sampling error.
VW-1S, VW-2S, VW-3S, MW-1	12/17/02 08:00	2883	938	99%	87	2,000	4.5	1,437	9.3	Opened one deep well
VW-1S, VW-2S, VW-3S, MW-1	12/30/02 16:00	3202	1257	100%	77	1,300	< 6.4	1,926	10.3	
VW-1S, VW-2S, VW-3S, MW-1	01/07/03 16:00	3295	1350	48%	78	2,100	< 6.4	2,159	10.5	System down, high temp. alarm.
VW-1S, VW-2S, VW-3S, MW-1	01/16/03 10:00	3503	1558	99%	78	570	< 1.6	2,300	10.7	
VW-1S, VW-2S, VW-3S, MW-1	01/23/03 10:00	3560	1615	34%	85	1,200	< 16	2,389	11.2	Unit was down due to high water and high temp.
VW-1S, VW-2S, VW-3S, MW-1	01/30/03 16:00	3729	1784	97%	80	550	< 1.6	2,503	11.3	
VW-1S, VW-2S, VW-3S, MW-1	02/07/03 16:00	3890	1945	84%	84	*550*	*< 1.6*	2,617	11.4	Unit was down due to high water.
VW-1S, VW-2S, VW-3S, MW-1	02/13/03 10:00	4034	2089	104%	81	*550*	*< 1.6*	2,715	11.5	Lab lost the vapor samples.
VW-1S, VW-2S, VW-3S, MW-1	02/20/03 14:00	4200	2255	97%	82	620	< 32	2,844	14.1	

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VW-1S, VW-2S, VW-3S, MW-1	02/27/03 09:00	4364	2419	101%	83	*620*	*< 32*	2,973	16.7	No samples collected.
VW-1S, VW-2S, VW-3S, MW-1	03/06/03 17:00	4540	2595	100%	83	*620*	*< 32*	3,112	19.5	
VW-1S, VW-2S, VW-3S, MW-1	03/14/03 15:00	4654	2709	60%	87	*620*	*< 32*	3,206	21.4	Heater Circuit blown on arrival. No samples collected.
VW-1S, VW-2S, VW-3S, MW-1	03/19/03 16:00	4681	2736	22%	80	620	< 1.6	3,227	21.4	Knock-out pot installed 3/18/03.
VW-1S, VW-2S, VW-3S, MW-1	03/27/03 09:30	4865	2920	99%	79	330	< 0.63	3,300	21.5	Replaced burnt cables 3/25/03.
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	04/02/03 13:30	5014	3069	101%	80	340	< 8.0	3,362	22.1	Opened VW-1D and VW-3D, closed VW-2S
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	04/09/03 09:00	5176	3231	99%	90	450	< 8.0	3,463	22.8	
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	04/18/03 09:00	5393	3448	100%	85	420	< 6.4	3,581	23.5	
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	04/22/03 09:00	5488	3543	99%	92	360	< 8.0	3,629	23.9	
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	04/29/03 15:00	5630	3685	82%	96	430	< 6.4	3,719	24.4	System down for gw sampling
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	05/15/03 08:30	5634	3689	1%	96	470	< 8.0	3,722	24.4	System down since 4/29/03
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	05/21/03 16:30	5784	3839	99%	90	640	< 1.6	3,854	24.5	
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	05/28/03 12:30	5948	4003	100%	90	190	< 6.4	3,897	25.1	
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	06/04/03 13:30	6117	4172	100%	91	170	< 4.0	3,937	25.5	
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	06/11/03 09:00	6282	4337	101%	90	410	< 1.6	4,030	25.6	
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	06/19/03 10:00	6475	4530	100%	90	160	< 1.6	4,073	25.8	Drained KO pot, manual dilution 15% open.
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	06/26/03 09:40	6643	4698	100%	95	200	< 1.6	4,122	25.9	
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	07/03/03 09:30	6693	4748	30%	95	370	< 1.6	4,148	26.0	

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VW-1S, VW-1D, VW-3S, VW-3D, MW-1	07/09/03 00:00	6840	4895	109%	97	480	< 1.6	4,253	26.1	
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	07/16/03 09:15	7005	5060	93%	95	270	< 1.6	4,318	26.3	
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	07/23/03 08:30	7172	5227	%	95	290	< 1.6	4,388	26.4	
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	07/30/03 11:00	7248	5303	45%	97	160	< 1.6	4,406	26.5	Unit down upon arrival. Control panel sited power out restarted took samples.
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	08/07/03 00:00	7249	5304	1%	95	240	< 1.6	4,407	26.5	Unit down upon arrival.
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	08/14/03 09:00	7415	5470	94%	95	140	< 1.6	4,441	26.6	
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	08/21/03 10:50	*7416*	5471	1%	95	43	< 1.6	4,441	26.6	
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	08/28/03 00:00	7467	5522	32%	95	130	< 1.6	4,450	26.7	
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	09/02/03 12:15	*7467*	5522	0%	98	130	< 1.6	4,450	26.7	
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	09/10/03 12:15	7565	5620	51%	97	230	< 1.6	4,484	26.8	
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	09/17/03 12:30	7609	5664	26%	95	120	< 1.6	4,491	26.8	
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	09/22/03 00:00	7619	5674	9%	95	150	< 1.6	4,494	26.8	Unit down upon arrival; started and adjusted mechanics.
VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	10/02/03 09:30	7853	5908	94%	90	82	< 1.6	4,520	27.0	Optimized system.
VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	10/08/03 00:00	7997	6052	100%	90	150	< 1.6	4,550	27.1	
VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	10/14/03 11:00	8143	6198	94%	92	160	< 1.6	4,583	27.3	
VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	10/23/03 09:15	8216	6271	34%	92	83	< 1.6	4,591	27.3	
VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	10/30/03 00:00	8291	6346	47%	94	66	< 1.6	4,598	27.4	Unit down upon arrival (low flow). Adjusted manual dilution.
VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	11/07/03 09:00	8293	6348	1%	90	190	< 1.6	4,599	27.4	Raised vacuum (18") and flowrate (95 cfm).

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VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	11/12/03 09:00	8413	6468	100%	93	50	< 1.2	4,608	27.5	
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	11/20/03 09:30	8464	6519	26%	93	71	< 1.2	4,613	27.5	Unit down upon arrival (power outage). Turned unit off at departure for groundwater sampling event next week.
VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	12/04/03 06:15	8480	6535	5%	97	120	< 1.6	4,615	27.5	
VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	12/04/03 15:00	8489	6544	98%	97	560	< 1.6	4,623	27.5	Dilution air adjusted and process sample taken.
VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	12/09/03 08:00	8602	6657	100%	90	270	< 1.6	4,665	27.6	
VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	12/18/03 09:10	8819	6874	100%	90	440	< 1.6	4,796	27.8	Turned off unit until 2004.
VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	01/06/04 08:15	8820	6875	0%	95	600	< 1.6	4,797	27.8	Turned unit on for 1st time in 2004.
VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	01/13/04 08:00	8989	7044	100%	90			4,797	27.8	
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	01/23/04 10:00	9230	7285	100%	95			4,797	27.8	Installed ORC socks at 53' depth in MW-1 and MW-9. Drained 55 gallons from the knock-out pot.
VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	01/28/04 09:30	9348	7403	99%	95			4,797	27.8	
VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	02/04/04 12:00	9494	7549	86%	93			4,797	27.8	
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	02/09/04 00:00							4,797	27.8	System down. GWS truck ran over above ground piping. SVE piping cracking and breaking.
VW-2D, MW-1, MW-7, MW-9	02/19/04 10:00	9493	7548	0%	95	310	< 1.6	5,101	28.4	Optimized system. Closed VW-3S & VW-3D due to low concentrations.
VW-2D, MW-1, MW-7, MW-9	02/26/04 00:00	9662	7717	100%	85			5,101	28.4	
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7, MW-9	03/02/04 11:00	9784	7839	93%	90	330	< 1.6	5,233	28.7	Drained 45 gallons from knock out pot. Changed absorbent socks in MW-1 and MW-9. Drained 4" lateral pipes.

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SOURCE WELLS	Date	Run Time Meter (hrs)	Cumul. Run Time (hrs)	Percent Up-Time	Process Flow Rate (cfm)	Process VFH (ppmv)	Process Benzene (ppmv)	Cumul. VFH Removed (lbs.)	Cumul. Benzene Removed (lbs.)	Comments
VW-2D, MW-1, MW-7, MW-9	03/11/04 09:00	9999	8054	100%	90			5,233	28.7	Adjusted vacuum, labeled all wells with dog tags, and checked socks.
VW-2D, MW-1, MW-7, MW-9	03/18/04 08:00	10166	8221	100%	90			5,233	28.7	
VW-2D, MW-1, MW-7, MW-9	03/27/04 00:00	10377	8432	100%	90			5,233	28.7	
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7, MW-9	03/31/04 00:00	10478	8533	100%	90			5,233	28.7	Used new microfid to measure concentrations. Pulled knock out drums out of compound for pickup. Put new socks in MW-1 & MW-9.
VW-2D, MW-1, MW-7, MW-9	04/07/04 00:00	10648	8703	100%	90	290	< 1.6	5,578	29.4	Used new microfid to read sample concentrations.
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7	04/16/04 00:00	10862	8917	99%	90			5,578	29.4	Optimized system.
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7	04/20/04 10:00	10956	9011	89%	90			5,578	29.4	
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7	04/28/04 09:00	11146	9201	99%	90			5,578	29.4	Checked socks - will replace next week.
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7	05/04/04 10:30	11293	9348	101%	90	220	< 1.6	5,774	30.0	
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7	05/14/04 10:00	11348	9403	23%	90			5,774	30.0	Turn unit on - system off for groundwater sampling earlier in the week.
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7	05/18/04 09:30	11442	9497	98%	90			5,774	30.0	
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7	05/24/04 07:30	11584	9639	100%	90			5,774	30.0	
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7	06/05/04 01:00	11867	9922	101%	90			5,774	30.0	
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7	06/08/04 07:30	11944	9999	98%	90	96	< 1.6	5,860	30.5	
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7	06/15/04 08:30	11999	10054	33%	93			5,860	30.5	System down upon arrival - low flow. Restarted.
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7	06/22/04 07:30	12165	10220	99%	90			5,860	30.5	
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7	07/01/04 08:30	12383	10438	100%	93	130	< 1.6	5,941	30.9	

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VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7	07/06/04 08:00	12507	10562	104%	90			5,941	30.9	
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7, MW-9	07/13/04 08:15	12667	10722	95%	90			5,941	30.9	Unit down. Restarted and took parameters. Changed wicks in MW-1 and MW-9.
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7, MW-9	07/20/04 08:15	12669	10724	1%	90			5,941	30.9	System down upon arrival. Restarted.
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7, MW-9	07/26/04 09:15	*12675*	10730	4%	92			5,941	30.9	
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7, MW-9	08/05/04 09:30	12916	10971	100%	95	85	< 1.6	6,007	31.4	
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7, MW-9	08/12/04 09:00	12919	10974	2%	95			6,007	31.4	System down upon arrival. Restarted.
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7, MW-9	08/18/04 09:00	13061	11116	99%	92			6,007	31.4	System down upon arrival. Restarted.
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7, MW-9	08/30/04 09:00	13348	11403	100%	92			6,007	31.4	System down upon arrival. Restarted.
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7, MW-9	09/07/04 10:00	13389	11444	21%	93	190	<1.6	6,135	31.4	
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	09/14/04 10:00	13390	11445	1%	90			6,135	31.4	
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	09/24/04 10:00	13398	11453	3%				6,135	31.4	Unit down upon arrival. Circuit breaker in panel had been tripping on/off for the last few weeks. Shut off power - lock out/tag out. Removed part in question and will replace.
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	10/12/04 11:30	13400	11455	0%	90			6,135	31.4	Installed new circuit breaker. Restarted unit. Unit has not run since 9/24/04.
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	10/19/04 12:30	13729	11784	100%	90	19	<2.4	6,144	31.4	
VW-1S, VW-1D,VW-2S, MW-1, MW-7	10/26/04 12:30	13896	11951	99%	95			6,144	31.4	Optimized system.

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VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	11/01/04 10:00	14014	12069	83%	95	110	<1.6	6,189	31.4	Unit was off upon arrival. System restarted okay.
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	11/11/04 09:00	14094	12149	33%	95			6,189	31.4	Turned system back on after GWS event.
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	11/18/04 13:30	14249	12304	90%	90			6,189	31.4	
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	11/23/04 10:00	14383	12438	100%	90			6,189	31.4	Replaced wicks in both wells.
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	11/30/04 08:30	14522	12577	83%	90			6,189	31.4	Hi water: shut off system. Drained water into 55 gallon drums. Restarted system.
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	12/07/04 08:30	14634	12689	67%	90			6,189	31.4	
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	12/14/04 11:00	14799	12854	97%	90	15	<1.6	6,205	31.4	
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	12/21/04 09:15	14970	13025	100%	90			6,205	31.4	Shut unit off for the holidays.

TOTAL LBS. OF HYDROCARBONS REMOVED DURING FOURTH QUARTER	71
TOTAL LBS. OF HYDROCARBONS REMOVED SINCE INITIAL START UP	6,205
TOTAL LBS. OF BENZENE REMOVED DURING FOURTH QUARTER	0.0
TOTAL LBS. OF BENZENE REMOVED SINCE INITIAL START UP	31
TOTAL HOURS ON-LINE DURING FOURTH QUARTER	1572
TOTAL HOURS ON-LINE SINCE INITIAL START UP	13025

NOTES:
Analytical results below minimum detection limit (MDL) are used as 1/2 MDL in calculations
italics = Data interpolated or estimated from adjacent data points
< = Values are below MDL for the laboratory instrument
~ = Approximately equal to
cfm = cubic feet per minute
ppmv = Vapor concentration in parts per million by volume
VFH = Total volatile fuel hydrocarbons as gasoline measured by laboratory analysis

TABLE 2
Summary of SVE System Operation and Maintenance
Fourth Quarter 2004 (October through December)
Former Chevron Station #9-1834
4175 Voltaire Street, San Diego, CA

SOURCE WELLS	Date	Run Time Meter (hrs)	Cumul. Run Time (hrs)	Percent Up-Time	Process Flow Rate (cfm)	Cat. Inlet Temp (F)	Cat. Exit Temp (F)	Source VFH (ppmv) (PID)	Source VFH (ppmv) (Lab)	Process VFH (ppmv) (PID)	Process VFH (ppmv) (Lab)	Effluent VFH (ppmv) (PID)	Effluent VFH (ppmv) (Lab)	Destruction Efficiency (%)	Comments
VW-1S, VW-2S, VW-3S	10/02/02 16:15	~ 1945	0	-	100	625	769			1,020	630	134	42	-	Sample pump could not pull against vacuum @ source.
VW-1S, VW-2S, VW-3S	10/23/02 13:30	1980	35	7%	98	675	783	20,047	3,400	553	540	94	28.0	95%	System down due to heating element breaker.
VW-1S, VW-2S, VW-3S	10/30/02 12:30	2144	199	98%	97	675	798	6,361		470.7	840	19			
VW-1S, VW-2S, VW-3S	11/05/02 12:00	2220	275	53%	99						1,600				
VW-1S, VW-2S, VW-3S	11/14/02 08:00	2314	369	44%	99	799	861	3,917 R		425 R	660 R	31 R			Heating element breaker repaired
VW-1S, VW-2S, VW-3S	11/18/02 09:30	2411	466	99%	100	825	911	2,620		510	750	139			
VW-1S, VW-2S, VW-3S	11/26/02 06:00	2579	634	89%	98	825	883	2,087 R		526 R	1,000 R	9 R			System down, high water alarm. Sampling erro
VW-1S, VW-2S, VW-3S	12/02/02 13:00	2656	711	51%	100	825	897	2,324		612	780	15.4			Power outage due to storm.
VW-1S, VW-2S, VW-3S	12/11/02 14:00	2746	801	41%	87	825	839	11,028 R	19,000 R	194 R	1,400 R	337 R	1,300 R	NA	System down, high water alarm. Sampling erro
VW-1S, VW-2S, VW-3S, MW-1	12/17/02 08:00	2883	938	99%	87	825	874	11,053		260	2,000	0.0			Opened one deep well.
VW-1S, VW-2S, VW-3S, MW-1	12/19/02 09:30	NM	NM	NM	NM	NM	NM	7,621	6,400	1,105	880	0.0	< 2.4	100%	Resampled 12/11/02 data to confirm sampling error.
VW-1S, VW-2S, VW-3S, MW-1	12/30/02 16:00	3202	1257	100%	77	824	1,006	6,252	3,500	1,340	1,300	0.0	< 2.4	100%	
VW-1S, VW-2S, VW-3S, MW-1	01/07/03 16:00	3295	1350	48%	78	825	990	5,172		1,233	2,100	0.0			System down, high temp. alarm.
VW-1S, VW-2S, VW-3S, MW-1	01/16/03 10:00	3503	1558	99%	78	825	.840	3,752		146	570	0.0			
VW-1S, VW-2S, VW-3S, MW-1	01/23/03 10:00	3560	1615	34%	85	800	970	4,278		1,358	1,200	0.0			Unit was down due to high water and high temp.
VW-1S, VW-2S, VW-3S, MW-1	01/30/03 16:00	3729	1784	97%	80	800	913	2,869		1,503	550	23			
VW-1S, VW-2S, VW-3S, MW-1	02/07/03 16:00	3890	1945	84%	84	800	910	2,314		1,151		0.4			Unit was down due to high water.
VW-1S, VW-2S, VW-3S, MW-1	02/13/03 10:00	4034	2089	104%	81	800	887	728		1,246		40.6			Lab lost the vapor samples
VW-1S, VW-2S, VW-3S, MW-1	02/20/03 14:00	4200	2255	97%	82	800	910	1,588	1,600	759	620	26	< 2.4	100%	
VW-1S, VW-2S, VW-3S, MW-1	02/27/03 09:00	4364	2419	101%	83	800	869	1,231		750		0.0			No samples collected.
VW-1S, VW-2S, VW-3S, MW-1	03/06/03 17:00	4540	2595	100%	83	800	867	966		563		0.0			
VW-1S, VW-2S, VW-3S, MW-1	03/14/03 15:00	4654	2709	60%	87	825	900	752		481		1.3			Heater Circuit blown on arrival. No samples collected.
VW-1S, VW-2S, VW-3S, MW-1	03/19/03 16:00	4681	2736	22%	80	799	857	1,573		1,040	620	0.0			Knock-out pot installed 3/18/03.
VW-1S, VW-2S, VW-3S, MW-1	03/27/03 09:30	4865	2920	99%	79	799	843	864		331	330	0.0			Replaced burnt cables 3/25/03.
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	04/02/03 13:30	5014	3069	101%	80	800	840	1,195	930	460	340	0.2	< 2.4	100%	Opened VW-1D and VW-3D, closed VW-2S
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	04/09/03 09:00	5176	3231	99%	90	799	812	21	-	17	450	0.2			
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	04/18/03 09:00	5393	3448	100%	85	800	846	984		831	420	8.7			
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	04/22/03 09:00	5488	3543	99%	92	800	855	723		493	360	2.3			
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	04/29/03 15:00	5630	3685	82%	96	763	793	697		489	430	0.5			System down for gw sampling
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	05/15/03 08:30	5634	3689	1%	96	763	801	1,243		608	470	0.2			System down since 4/29/03
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	05/21/03 16:30	5784	3839	99%	90	800	850	895		396	640	0.0			
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	05/28/03 12:30	5948	4003	100%	90	800	843	1,650	220	1,300	190	4.6	< 2.4	99%	
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	06/04/03 13:30	6117	4172	100%	91	800	837	1,150	170	1,007	170	4.4	< 2.4	99%	
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	06/11/03 09:00	6282	4337	100%	90	800	846	1,531	360	1,300	410	18.6	6.5	99%	

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VW-1S, VW-1D, VW-3S, VW-3D, MW-1	06/19/03 10:00	6475	4530	100%	90	800	837	1,605	160	1,240	230	23.4	9.1	98%	
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	06/26/03 09:40	6643	4698	100%	95	800	807	1,480		1,203	200	22.2			
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	07/03/03 09:30	6693	4748	30%	95	800	804	1,630		1,347	370	27.6			
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	07/09/03 00:00	6840	4895	100%	97	800	840	1,391		1,179	480	21.3			
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	07/16/03 09:15	7005	5060	93%	95	800	807	1,371		1,177	270	19.6			
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	07/23/03 08:30	7172	5227	100%	95	800	840	1,243		1,096	290	20.4			
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	07/30/03 11:00	7248	5303	45%	97	710	677	1,236	330	991	160	16.7			Unit down upon arrival. Control panel sited power out restarted took samples.
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	08/07/03 00:00	7249	5304	1%	95	800	812	1,119		1,011	240	13.9			Unit down upon arrival.
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	08/14/03 09:00	7415	5470	94%	95	800	824	2,500	270	400	140	18.0			
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	08/21/03 18:40	7416	5471	1%	95	800	827	2,200		429	43	18.2			
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	08/28/03 00:00	7467	5522	34%	95	800	826	2,271		411	130	19.1			Unit down upon arrival due to low flow.
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	09/02/03 12:15	7467	5522	0%	98	800	822	2,314	790	438	130	20.3	< 2.4	100%	
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	09/10/03 12:15	7565	5620	51%	97	800	821	2,831		763	230	21.2			Unit down upon arrival due to low temperature
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	09/17/03 12:30	7609	5664	26%	95	800	823	2,219		621	120	23.8			
VW-1S, VW-1D, VW-3S, VW-3D, MW-1	09/22/03 00:00	7619	5674	9%	95	800	834	1,600		597	150	11.7			Unit down upon arrival; started and adjusted mechanics.
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	10/02/03 09:30	7853	5908	94%	90	800	803	4,778	240	2,107	82	11.0	< 2.4	100%	Optimized system. Cannot check flow in MW-7 moisture in pipe (messes w/ anemonitor).
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	10/08/03 00:00	7997	6052	100%	90	800	805	4,813		2,006	150	17.3			
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	10/14/03 11:00	8143	6198	94%	92	802	807	4,536		1,998	160	15.6			
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	10/23/03 09:15	8216	6271	34%	92	800	805	5,246		1,973	83	114.0			
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	10/30/03 00:00	8291	6346	47%	94	800	804	5,311		1,937	66	124.0			Unit down upon arrival (low flow), adjusted manual diultion.
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	11/07/03 09:00	8293	6348	1%	90	802	801	5,200	530	1,890	190	122.0	4.5	98%	Unit down upon arrival (low temp). Raised vacuum (18") and flowrate (95 cfm).
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	11/12/03 09:00	8413	6468	100%	93	800	805	4,895		2,183	50	121.0			
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	11/20/03 09:30	8464	6519	26%	93	800	804	5,289		1,838	71	89.0			Unit down upon arrival (power outage). Turned unit off at departure for groundwater sampling event next week.
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	12/04/03 06:15	8480	6535	5%	97	675	806	9,999	340	1,600	120	150.0	< 2.4	100%	

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Former Chevron Station #9-1834
4175 Voltaire Street, San Diego, CA

SOURCE WELLS	Date	Run Time Meter (hrs)	Cumul. Run Time (hrs)	Percent Up-Time	Process Flow Rate (cfm)	Cat. Inlet Temp (F)	Cat. Exit Temp (F)	Source VFH (ppmv) (PID)	Source VFH (ppmv) (Lab)	Process VFH (ppmv) (PID)	Process VFH (ppmv) (Lab)	Effluent VFH (ppmv) (PID)	Effluent VFH (ppmv) (Lab)	Destruction Efficiency (%)	Comments
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	12/04/03 15:30										560				Dilution air adjusted and process sample taken
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	12/09/03 08:00	8602	6657	100%	90	800	855	> 9999		> 9999	270	143.0			
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	12/18/03 09:10	8819	6874	100%	90	800	848	> 9999		6,739	440	187.0			Turned off unit until 2004.
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	01/06/04 08:15	8820	6875	0%	95	800	839	8,997	500	6,844	600	194.0	40	93%	
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	01/13/04 10:00	8989	7044	100%	90	800	846	8,312		5,537		187.0			
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	01/23/04 10:00	9230	7285	100%	95	800	823	8,829		5,647		173.0			Installed ORC socks at 53' depth in MW-1 and MW-9. Drained 55 gallons from the knock-out pot.
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	01/28/04 09:30	9348	7403	99%	95	800	832	8,377		5,148		168.0			
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	02/04/04 12:00	9494	7549	86%	93	800	827	8,100		5,000		173.0			
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	02/09/04 00:00														System down. GWS truck ran over above ground piping. SVE piping cracking and breaking.
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7, MW-9	02/19/04 10:00	9493	7548	0%	95	800	839	>9999	250	>9999	310	200.0	< 2.4	100%	Optimized system. Closed VW-3S & VW-3D due to low concentrations.
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7, MW-9	02/26/04 00:00	9662	7717	100%	85	800	834	>9999		>7683		183.0			
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7, MW-9	03/02/04 11:00	9784	7839	93%	90	800	831	>1000	200	>1000	330	79.0	6.2	98%	Drained 45 gallons from knock out pot. Changed absorbant socks in MW-1 and MW-9. Drained 4" lateral pipes.
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7, MW-9	03/11/04 09:00	9999	8054	100%	90	800	804	>9999		>9999		234			Adjusted vaccum, labeled all wells with dog tags, and checked socks.
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7, MW-9	03/18/04 08:00	10166	8221	100%	90	800	829	>9999		>9999		228			
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7, MW-9	03/27/04 00:00	10377	8432	100%	90	800	829	>9999		>9999		231			
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7, MW-9	03/31/04 00:00	10478	8533	100%	90	800	819	90		130		7.0			Used new microfid to measure concentrations. Pulled knock out drums out of compound for pickup. Put new socks in MW-1 & MW-9.
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7, MW-9	04/07/04 00:00	10648	8703	100%	90	800	821	98	170	90	290	2.0	8.7	97%	Used new microfid to read sample concentrations.
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7	04/16/04 00:00	10862	8917	99%	90	800	817	175		148		25.0			Optimized system.
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7	04/20/04 10:00	10956	9011	89%	90	800	821	168		157		24.0			
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7	04/28/04 09:00	11146	9201	99%	90	800	822	172		160		21.0			Checked socks - will replace next week.
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7	05/04/04 10:30	11293	9348	101%	90	800	821	91	170	91	220	27.0	9.5	96%	Drained knock out pot.
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7	05/14/04 10:00	11348	9403	23%	90	800	819	121		117		26.0			Turn unit on - system off for groundwater sampling earlier in the week.

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4175 Voltaire Street, San Diego, CA

SOURCE WELLS	Date	Run Time Meter (hrs)	Cumul. Run Time (hrs)	Percent Up-Time	Process Flow Rate (cfm)	Cat. Inlet Temp (F)	Cat. Exit Temp (F)	Source VFH (ppmv) (PID)	Source VFH (ppmv) (Lab)	Process VFH (ppmv) (PID)	Process VFH (ppmv) (Lab)	Effluent VFH (ppmv) (PID)	Effluent VFH (ppmv) (Lab)	Destruction Efficiency (%)	Comments
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7	05/18/04 09:30	11442	9497	98%	90	800	807	127		123		23.0			
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7	05/24/04 07:30	11584	9639	100%	90	800	815	119		117		19.0			
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7	06/05/04 01:00	11867	9922	101%	90	800	811	90		88		6.0			
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7	06/08/04 07:30	11944	9999	98%	90	800	813	95	62	89	96	3.0	< 2.4	100%	
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7	06/15/04 08:30	11999	10054	33%	93	800	811	103		94		4.0			System down upon arrival - low flow. Restarted.
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7	06/22/04 07:30	12165	10220	99%	90	804	805	68		61		6.0			
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7	07/01/04 08:30	12383	10438	100%	93	800	805	80	72	76	130	< 7.0	< 2.4	100%	
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7	07/06/04 08:00	12507	10562	104%	90	800	813	77		68		5.0			
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7, MW-9	07/13/04 08:15	12667	10722	95%	90	800	802	83		76		6.0			Unit down. Restarted and took parameters. Changed wicks in MW-1 and MW-9.
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7, MW-9	07/20/04 08:15	12669	10724	1%	90	800	811	90		80		6.0			System down upon arrival. Restarted.
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7, MW-9	07/26/04 09:15	12675	10730	4%	92	800	821	95		87		<3.0			Unit down. Restarted - when unit got to temp, circuit breaker popped shutting the unit down again. Circuit breaker was very warm to touch. Tightened wires, restarted, running okay.
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7, MW-9	08/05/04 09:30	12916	10971	100%	95	800	812	100		89	85	<2.0	2.5	97%	Shut down system after sampling - groundwater event next week. Checked wicks. Date on yellow 55-gal drun for wicks & socks 6/22/04.
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7, MW-9	08/12/04 09:00	12919	10974	2%	95	750	737	100		80		<2.0			Turned system back on after GWS event. Changed wicks out. Lowered combustion temperature from 750 to 800.
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7, MW-9	08/18/04 09:00	13061	11116	99%	92	750	757	91		87		<2.0			
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7, MW-9	08/30/04 09:00	13348	11403	100%	92	760	755	85		83		<2.0			
VW-1S, VW-1D,VW-2S, VW-2D, MW-1, MW-7, MW-9	09/07/04 10:00	13389	11444	21%	93	760	751	100	150	96	190	<2.0	< 2.4	100%	
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	09/14/04 10:00	13390	11445	1%	90	760	743	100		93		<3.0			
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	09/24/04 10:00	13398	11453	3%											Unit down upon arrival. Circuit breaker in panel had been tripping on/off for the last few weeks. Shut off power - lock out/tag out. Removed part in question and will replace.
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	10/12/04 11:30	13400	11455	0%	90	760	740	121		99		<4			Installed new circuit breaker. Restarted unit. Unit has not run since 9/24/04.
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	10/19/04 12:30	13729	11784	100%	90	759	740	100	12	97	19	<3	<2.4	100%	

TABLE 2
Summary of SVE System Operation and Maintenance
Fourth Quarter 2004 (October through December)
Former Chevron Station #9-1834
4175 Voltaire Street, San Diego, CA

SOURCE WELLS	Date	Run Time Meter (hrs)	Cumul. Run Time (hrs)	Percent Up-Time	Process Flow Rate (cfm)	Cat. Inlet Temp (F)	Cat. Exit Temp (F)	Source VFH (ppmv) (PID)	Source VFH (ppmv) (Lab)	Process VFH (ppmv) (PID)	Process VFH (ppmv) (Lab)	Effluent VFH (ppmv) (PID)	Effluent VFH (ppmv) (Lab)	Destruction Efficiency (%)	Comments
VW-1S, VW-1D, VW-3D, MW-1, MW-7	10/26/04 12:30	13896	11951	99%	95	760	756	35				4.0			Optimized system.
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	11/01/04 10:00	14014	12069	83%	95	800	786	68	110			<5	<2.4	100%	Unit was off upon arrival. System restarted okay.
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	11/11/04 09:00	14094	12149	33%	95	800	827	77				<5			Turned system back on after GWS event.
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	11/18/04 13:30	14249	12304	90%	90	800	828	82				<4			
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	11/23/04 10:00	14383	12438	100%	90	800	831	75				<4			Replaced wicks in both wells.
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	11/30/04 08:30	14522	12577	83%	90	800	831	84				<4			Hi water: shut off system. Drained water into 55 gallon drums. Restarted system.
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	12/07/04 08:30	14634	12689	67%	90	800	837	91				6			
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	12/14/04 11:00	14799	12854	97%	90	800	829	88			15	4	<2.4	100%	
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	12/21/04 09:15	14970	13025	100%	90	800	811	91				6			Shut unit off for the holidays.

NOTES:

< = Values are below minimum detection limit (MDL) for the laboratory instrument
< = Analytical results below MDL are used as 1/2 MDL for computing destruction efficiency
~ = Approximately equal to
cfm = cubic feet per minute
NM = Not Measured
NS = Sample not collected
ppmv = Vapor concentration in parts per million by volume
> = The FID flame went out after the value presented
VFH = Total volatile fuel hydrocarbons as gasoline measured by portable photo-ionization detector (PID) or laboratory analysis (Lab)

APPENDIX A

OPERATION AND MAINTENANCE LOGS

SECOR
WEEKLY O&M LOG
Former Chevron 9-1834
4175 Voltaire Street San Diego, California

Date and Time: 10/12/04 11:30 TUE
Personnel: RJ
APCD Permit Expiration Date: December 1, 2004

SVE PARAMETERS

	Arrival	Departure	APCD Permit
Operating Status	OFF/ON	ON	
Alarm Status	—		
Electric Meter Reading (kWh)	42736		
Vacuum Pressure ("wc)	57	57	
Process Flow (cfm)	90	90	< 100
Inlet Temp (°F)	760	760	> 600
Center Temp (°F)	789	792	
Exhaust Temp (°F)	740	742	
Hour Meter (hr)	13400		
KO Pot Level	EMPTY	—	
Compound Clean	Y	Y	
Signs In Good Condition	Y	Y	
Fence In Good Condition	Y	Y	

Well No.	Arrival	Departure
VW-1 S	Open / Closed	Open / Closed
VW-1 D	Open / Closed	Open / Closed
VW-2 S	Open / Closed	Open / Closed
VW-2 D	Open / Closed	Open / Closed
VW-3 S	Open / Closed	Open / Closed
VW-3 D	Open / Closed	Open / Closed
MW-1	Open / Closed	Open / Closed
MW-7	Open / Closed	Open / Closed
MW-9	Open / Closed	Open / Closed

Chart Recorder Paper Changed: Yes / No
Vapor Samples Collected: Yes / No
Optimization Test Performed: Yes / No

SVE SAMPLES

Instrument Type & Number: OVA
Calibration Date: 10/12
Calibrated By: RJ
Calibration Gas & Concentration: MEOH 950 ppm

	Arrival	Departure	Sample Taken	Time
Influent Conc. (ppm)		121	Yes / No	
Dilute Influent Conc. (ppm)		99	Yes / No	
Effluent Conc. (ppm)		<4	Yes / No	

APCD Permit Max Effluent VOC Concentration = 286 ppm (as methane) (at T>600)
* Analyze for TPHg by 8015M, and BTEX, MTBE, and other fuel oxygenates by Method 8021B

Notes: NEW CIRCUIT BREAKER ARRIVED. INSTALLED IN UNIT, RESTARTED TOOK PARAMETERS, LEFT SITE. UNIT HAS NOT RUN SINCE 9/24/04

SECOR
WEEKLY O&M LOG
Former Chevron 9-1834
4175 Voltaire Street San Diego, California

Date and Time: TUE 10/19/04 12:30
Personnel: KL
APCD Permit Expiration Date: December 1, 2004

SVE PARAMETERS

	Arrival	Departure	APCD Permit
Operating Status	ON	ON	
Alarm Status	—		
Electric Meter Reading (kWh)	45111		
Vacuum Pressure ("wc)	54	54	
Process Flow (cfm)	90	92	< 100
Inlet Temp (°F)	759	759	> 600
Center Temp (°F)	775	775	
Exhaust Temp (°F)	740	738	
Hour Meter (hr)	13729		

Well No.	Arrival	Departure
VW-1 S	Open / Closed	Open / Closed
VW-1 D	Open / Closed	Open / Closed
VW-2 S	Open / Closed	Open / Closed
VW-2 D	Open / Closed	Open / Closed
VW-3 S	Open / Closed	Open / Closed
VW-3 D	Open / Closed	Open / Closed
MW-1	Open / Closed	Open / Closed
MW-7	Open / Closed	Open / Closed
MW-9	Open / Closed	Open / Closed

KO Pot Level	EMPTY →	
Compound Clean	#	
Signs In Good Condition	#	
Fence In Good Condition	#	

Chart Recorder Paper Changed	Yes / No
Vapor Samples Collected	Yes / No
Optimization Test Performed	Yes / No

SVE SAMPLES

Instrument Type & Number	FID
Calibration Date	10/19
Calibrated By	KL
Calibration Gas & Concentration	METHANE 950 ppm

	Arrival	Departure	Sample Taken	Time
Influent Conc. (ppm)		100	Yes / No	1:20
Dilute Influent Conc. (ppm)		97	Yes / No	1:15
Effluent Conc. (ppm)		<3	Yes / No	1:10

APCD Permit Max Effluent VOC Concentration = 286 ppm (as methane) (at T>600)
* Analyze for TPHg by 8015M, and BTEX, MTBE, and other fuel oxygenates by Method 8021B.

Notes:

SECOR
MONTHLY O&M LOG
Former Chevron 9-1834
4175 Voltaire Street San Diego, California

Date and Time: 10/26/04 - 12:30 - TUE
Personnel: RJ
APCD Permit Expiration Date:

SVE PARAMETERS	Arrival	Departure
Operating Status	ON	ON
Alarm Status	Y	
Electric Meter Reading (kWh)	47475	
Vacuum Pressure ("wc)	50	70
Process Flow (cfm)	95	90
Inlet Temp (dF)	760	760
Center Temp (dF)	756	774
Exhaust Temp (dF)	750	747
Hour Meter (hr)	13896	

SVE SAMPLES PARAMETERS	Arrival	Departure	Sample Taken	Time
Insturment Type & Number	OVA FID#1			
Calibriation Date	10/26			
Calibrated By	RJ			
Calibriation Gas & Concentration	METHANE 950 PPM			
Influent Conc. (ppm)		35	Yes / No	X
Dilute Influent Conc. (ppm)		–	Yes / No	X
Effluent Conc. (ppm)		4	Yes / No	X

* Analyze for TPHg by 8015M, and BTEX, MTBE, and other fuel oxygenates by Method 8021B

Extraction Well	Arrival (Open/Closed)	Sampling (Open/Closed)	Departure (Open/Closed)	Concentration (ppmv)	amples Taken (Yes/No)	Time
VW-1 S	Open / Closed	Open / Closed	Open / Closed	40	Yes / No	XXXXX
VW-1 D	Open / Closed	Open / Closed	Open / Closed	35	Yes / No	
VW-2 S	Open / Closed	Open / Closed	Open / Closed	25	Yes / No	
VW-2 D	Open / Closed	Open / Closed	Open / Closed	2	Yes / No	
VW-3 S	Open / Closed	Open / Closed	Open / Closed	0	Yes / No	
VW-3 D	Open / Closed	Open / Closed	Open / Closed	0	Yes / No	
MW-1	Open / Closed	Open / Closed	Open / Closed	10	Yes / No	
MW-7	Open / Closed	Open / Closed	Open / Closed	24	Yes / No	
MW-9	Open / Closed	Open / Closed	Open / Closed	0	Yes / No	

Notes: OPTIMIZED SYSTEM

SECOR
WEEKLY O&M LOG
Former Chevron 9-1834
4175 Voltaire Street San Diego, California

Date and Time: 11/1/04 MON 10:00
Personnel: RJ
APCD Permit Expiration Date: December 1, 2004

SVE PARAMETERS

	Arrival	Departure	APCD Permit
Operating Status	OFF	ON	
Alarm Status	—		
Electric Meter Reading (kWh)	49097		
Vacuum Pressure ("wc)	X	60	
Process Flow (cfm)		95	< 100
Inlet Temp (°F)		800	> 600
Center Temp (°F)		825	
Exhaust Temp (°F)		786	
Hour Meter (hr)	14014		
KO Pot Level	15%	15%	
Compound Clean	YES	—	
Signs In Good Condition	YES	—	
Fence In Good Condition	YES	—	

Well No.	Arrival	Departure
VW-1 S	Open / Closed	Open / Closed
VW-1 D	Open / Closed	Open / Closed
VW-2 S	Open / Closed	Open / Closed
VW-2 D	Open / Closed	Open / Closed
VW-3 S	Open / Closed	Open / Closed
VW-3 D	Open / Closed	Open / Closed
MW-1	Open / Closed	Open / Closed
MW-7	Open / Closed	Open / Closed
MW-9	Open / Closed	Open / Closed

Chart Recorder Paper Changed: Yes / No
Vapor Samples Collected: Yes / No
Optimization Test Performed: Yes / No — LAST WEEK

SVE SAMPLES

Instrument Type & Number: FID
Calibration Date: 11/1/04
Calibrated By: RJ
Calibration Gas & Concentration: METH 90 PPM

	Arrival	Departure	Sample Taken	Time
Influent Conc. (ppm)		68	Yes / No	11:25
Dilute Influent Conc. (ppm)		—	Yes / No	
Effluent Conc. (ppm)		<5	Yes / No	11:30

APCD Permit Max Effluent VOC Concentration = 286 ppm (as methane) (at T>600)
* Analyze for TPHg by 8015M, and BTEX, MTBE, and other fuel oxygenates by Method 8021B

Notes: Unit was off on arrival. I'm guessing rain from last week knocked out power. Restarted unit took parameters then took samples.

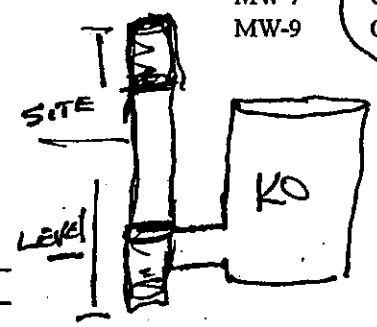
SECOR
WEEKLY O&M LOG
Former Chevron 9-1834
4175 Voltaire Street San Diego, California

Date and Time: 11/11/04 9:00
Personnel: RJ
APCD Permit Expiration Date: December 1, 2004

SVE PARAMETERS

	Arrival	Departure	APCD Permit
Operating Status	OFF/ON	ON	
Alarm Status	—		
Electric Meter Reading (kWh)	50198		
Vacuum Pressure ("wc)	60	60	
Process Flow (cfm)	95	95	< 100
Inlet Temp (°F)	800	800	> 600
Center Temp (°F)	865	864	
Exhaust Temp (°F)	827	831	
Hour Meter (hr)	14094		
KO Pot Level	1/5 FULL		
Compound Clean	✓		
Signs In Good Condition	✓		
Fence In Good Condition	✓		
Chart Recorder Paper Changed	Yes / No		
Vapor Samples Collected	Yes / No		
Optimization Test Performed	Yes / No		

Well No.	Arrival	Departure
VW-1 S	Open / Closed	Open / Closed
VW-1 D	Open / Closed	Open / Closed
VW-2 S	Open / Closed	Open / Closed
VW-2 D	Open / Closed	Open / Closed
VW-3 S	Open / Closed	Open / Closed
VW-3 D	Open / Closed	Open / Closed
MW-1	Open / Closed	Open / Closed
MW-7	Open / Closed	Open / Closed
MW-9	Open / Closed	Open / Closed



SVE SAMPLES

Instrument Type & Number: FID
Calibration Date: 11/11
Calibrated By: RJ
Calibration Gas & Concentration: METHANE 950 PPM

	Arrival	Departure	Sample Taken	Time
Influent Conc. (ppm)		77	Yes / No	X
Dilute Influent Conc. (ppm)			Yes / No	X
Effluent Conc. (ppm)		65	Yes / No	X

APCD Permit Max Effluent VOC Concentration = 286 ppm (as methane) (at T>600)
* Analyze for TPHg by 8015M, and BTEX, MTBE, and other fuel oxygenates by Method 8021B

Notes: TURNED SYSTEM BACK ON AFTER G.W.S EVENT.
TEK PARAMETERS.

SECOR
WEEKLY O&M LOG
Former Chevron 9-1834
4175 Voltaire Street San Diego, California

Date and Time: 11/18/04 THURS 1:30
Personnel: RY
APCD Permit Expiration Date: December 1, 2004

SVE PARAMETERS

	Arrival	Departure	APCD Permit
Operating Status	ON	ON	
Alarm Status	—		
Electric Meter Reading (kWh)	52016		
Vacuum Pressure ("wc)	60	60	
Process Flow (cfm)	90	90	< 100
Inlet Temp (°F)	800	800	> 600
Center Temp (°F)	861	859	
Exhaust Temp (°F)	828	832	
Hour Meter (hr)	14249		
KO Pot Level	1/2 Full	→	
Compound Clean	✓		
Signs In Good Condition	✓		
Fence In Good Condition	✓		

Well No.	Arrival	Departure
VW-1 S	Open / Closed	Open / Closed
VW-1 D	Open / Closed	Open / Closed
VW-2 S	Open / Closed	Open / Closed
VW-2 D	Open / Closed	Open / Closed
VW-3 S	Open / Closed	Open / Closed
VW-3 D	Open / Closed	Open / Closed
MW-1	Open / Closed	Open / Closed
MW-7	Open / Closed	Open / Closed
MW-9	Open / Closed	Open / Closed

Chart Recorder Paper Changed	Yes / No
Vapor Samples Collected	Yes / No
Optimization Test Performed	Yes / No

SVE SAMPLES

Instrument Type & Number	FID
Calibration Date	11/18
Calibrated By	RY
Calibration Gas & Concentration	METH 950 PPM

	Arrival	Departure	Sample Taken	Time
Influent Conc. (ppm)		02	Yes / No	
Dilute Influent Conc. (ppm)			Yes / No	
Effluent Conc. (ppm)		<4	Yes / No	

APCD Permit Max Effluent VOC Concentration = 286 ppm (as methane) (at T>600)
* Analyze for TPHg by 8015M, and BTEX, MTBE, and other fuel oxygenates by Method 8021B

Notes:

SECOR
WEEKLY O&M LOG
Former Chevron 9-1834
4175 Voltaire Street San Diego, California

Date and Time: 11/23/04 10:00 TUE
Personnel: RJ
APCD Permit Expiration Date: December 1, 2004

SVE PARAMETERS

	Arrival	Departure	APCD Permit
Operating Status	ON	ON	
Alarm Status	—		
Electric Meter Reading (kWh)	54131		
Vacuum Pressure ("wc)	62	61	
Process Flow (cfm)	90	90	< 100
Inlet Temp (°F)	800	800	> 600
Center Temp (°F)	858	858	
Exhaust Temp (°F)	831	830	
Hour Meter (hr)	14383		
KO Pot Level	3/4	3/4	
Compound Clean	OK		
Signs In Good Condition	OK		
Fence In Good Condition	OK		

Well No.	Arrival	Departure
VW-1 S	Open / Closed	Open / Closed
VW-1 D	Open / Closed	Open / Closed
VW-2 S	Open / Closed	Open / Closed
VW-2 D	Open / Closed	Open / Closed
VW-3 S	Open / Closed	Open / Closed
VW-3 D	Open / Closed	Open / Closed
MW-1	Open / Closed	Open / Closed
MW-7	Open / Closed	Open / Closed
MW-9	Open / Closed	Open / Closed

Chart Recorder Paper Changed: Yes / No
Vapor Samples Collected: Yes / No
Optimization Test Performed: Yes / No

SVE SAMPLES

Instrument Type & Number: FID
Calibration Date: 11/23
Calibrated By: RJ
Calibration Gas & Concentration: METHANE 950 PPM

	Arrival	Departure	Sample Taken	Time
Influent Conc. (ppm)		75	Yes / No	
Dilute Influent Conc. (ppm)			Yes / No	
Effluent Conc. (ppm)		<4	Yes / No	

APCD Permit Max Effluent VOC Concentration = 286 ppm (as methane) (at T>600)
* Analyze for TPHg by 8015M, and BTEX, MTBE, and other fuel oxygenates by Method 8021B.

Notes: CHECK WICKES IN BOTH WELLS AND REPLACED

SECOR
WEEKLY O&M LOG
Former Chevron 9-1834
4175 Voltaire Street San Diego, California

Date and Time: 11/30/04 8:30 TUE
Personnel: RJ
APCD Permit Expiration Date: December 1, 2004

SVE PARAMETERS

	Arrival	Departure	APCD Permit
Operating Status	OFF/ON	ON	
Alarm Status	—		
Electric Meter Reading (kWh)	56031		
Vacuum Pressure ("wc)	60	60	
Process Flow (cfm)	90	90	
Inlet Temp (°F)	800	800	< 100
Center Temp (°F)	859	861	> 600
Exhaust Temp (°F)	831	833	
Hour Meter (hr)	14522		
KO Pot Level	APPROX 40 GAL Full	EMPTY	
Compound Clean	#	#	
Signs In Good Condition	#	#	
Fence In Good Condition	#	#	

Well No.	Arrival	Departure
VW-1 S	Open / Closed	Open / Closed
VW-1 D	Open / Closed	Open / Closed
VW-2 S	Open / Closed	Open / Closed
VW-2 D	Open / Closed	Open / Closed
VW-3 S	Open / Closed	Open / Closed
VW-3 D	Open / Closed	Open / Closed
MW-1	Open / Closed	Open / Closed
MW-7	Open / Closed	Open / Closed
MW-9	Open / Closed	Open / Closed

Chart Recorder Paper Changed: Yes / No
Vapor Samples Collected: Yes / No
Optimization Test Performed: Yes / No

SVE SAMPLES

Instrument Type & Number: FID
Calibration Date: 11/30
Calibrated By: RJ
Calibration Gas & Concentration: METHANE 950 PPM

	Arrival	Departure	Sample Taken	Time
Influent Conc. (ppm)	X	84	Yes / No	X
Dilute Influent Conc. (ppm)	X	—	Yes / No	X
Effluent Conc. (ppm)	X	<4	Yes / No	X

APCD Permit Max Effluent VOC Concentration = 286 ppm (as methane) (at T>600)
* Analyze for TPHg by 8015M, and BTEX, MTBE, and other fuel oxygenates by Method 8021B.

Notes: HI WATER SHUT SYSTEM OFF. DRAINED WTR INTO 55 GALLON DRUMS. (9) ON SITE NEEDED TO BE PICKED UP. TURNED SYSTEM BACK ON. TOOK PARAMETERS. LEFT SITE @ 11:30

* WHEN DRUMS GET PICKED UP... HAVE THEM LEAVE (3) EMPTY ONES. FOR FUTURE USEAGE. I WILL HAVE TO MEET THEM ON P.U DAY. DRUMS ARE IN 2ND COMPOUND

SECOR
WEEKLY O&M LOG
Former Chevron 9-1834
4175 Voltaire Street San Diego, California

Date and Time: 12/7/04 TUE
Personnel: RU
APCD Permit Expiration Date: December 1, 2004

SVE PARAMETERS

	Arrival	Departure	APCD Permit
Operating Status	ON	ON	
Alarm Status	—		
Electric Meter Reading (kWh)	57585		
Vacuum Pressure ("wc)	61	61	
Process Flow (cfm)	90	90	< 100
Inlet Temp (°F)	800	800	> 600
Center Temp (°F)	853	853	
Exhaust Temp (°F)	837	837	
Hour Meter (hr)	14634		
KO Pot Level	1/3 Full	→	
Compound Clean	OK	OK	
Signs In Good Condition	↓	↓	
Fence In Good Condition	↓	↓	

Well No.	Arrival	Departure
VW-1 S	Open / Closed	Open / Closed
VW-1 D	Open / Closed	Open / Closed
VW-2 S	Open / Closed	Open / Closed
VW-2 D	Open / Closed	Open / Closed
VW-3 S	Open / Closed	Open / Closed
VW-3 D	Open / Closed	Open / Closed
MW-1	Open / Closed	Open / Closed
MW-7	Open / Closed	Open / Closed
MW-9	Open / Closed	Open / Closed

Chart Recorder Paper Changed: Yes / No
Vapor Samples Collected: Yes / No
Optimization Test Performed: Yes / No

SVE SAMPLES

Instrument Type & Number: FID
Calibration Date: 12/7/04
Calibrated By: KI
Calibration Gas & Concentration: METHANE 950 ppm

	Arrival	Departure	Sample Taken	Time
Influent Conc. (ppm)		91	Yes / No	✓
Dilute Influent Conc. (ppm)			Yes / No	✓
Effluent Conc. (ppm)		6	Yes / No	✓

APCD Permit Max Effluent VOC Concentration = 286 ppm (as methane) (at T>600)
* Analyze for TPHg by 8015M, and BTEX, MTBE, and other fuel oxygenates by Method 8021B.

Notes: NEXT WEEK TAKE SAMPLES

SECOR
WEEKLY O&M LOG
Former Chevron 9-1834
4175 Voltaire Street San Diego, California

Date and Time: 12/14/04 11:00
Personnel: RJ
APCD Permit Expiration Date: December 1, 2004

SVE PARAMETERS

	Arrival	Departure	APCD Permit
Operating Status	ON	ON	
Alarm Status	—		
Electric Meter Reading (kWh)	59016		
Vacuum Pressure ("wc)	58	57	
Process Flow (cfm)	90	90	
Inlet Temp (°F)	800	800	< 100
Center Temp (°F)	846	847	> 600
Exhaust Temp (°F)	829	830	
Hour Meter (hr)	1479		
KO Pot Level	1/3 Full	—	
Compound Clean	OK	—	
Signs In Good Condition	OK	—	
Fence In Good Condition	OK	—	

Well No.	Arrival	Departure
VW-1 S	Open / Closed	Open / Closed
VW-1 D	Open / Closed	Open / Closed
VW-2 S	Open / Closed	Open / Closed
VW-2 D	Open / Closed	Open / Closed
VW-3 S	Open / Closed	Open / Closed
VW-3 D	Open / Closed	Open / Closed
MW-1	Open / Closed	Open / Closed
MW-7	Open / Closed	Open / Closed
MW-9	Open / Closed	Open / Closed

Chart Recorder Paper Changed	Yes / No
Vapor Samples Collected	Yes / No
Optimization Test Performed	Yes / No

SVE SAMPLES

Instrument Type & Number	FID
Calibration Date	12/14/04
Calibrated By	RJ
Calibration Gas & Concentration	METHANE 950 PPM

	Arrival	Departure	Sample Taken	Time
Influent Conc. (ppm)		88	Yes / No	11:55
Dilute Influent Conc. (ppm)			Yes / No	11:50
Effluent Conc. (ppm)		4	Yes / No	~~11:50~~

APCD Permit Max Effluent VOC Concentration = 286 ppm (as methane) (at T>600)
* Analyze for TPHg by 8015M, and BTEX, MTBE, and other fuel oxygenates by Method 8021B

Notes: Took Monthly Sample

SECOR
WEEKLY O&M LOG
Former Chevron 9-1834
4175 Voltaire Street San Diego, California

Date and Time: 12/21/04 9:15 TUE
Personnel: KJ
APCD Permit Expiration Date: December 1, 2004

SVE PARAMETERS

	Arrival	Departure	APCD Permit
Operating Status	ON	OFF	
Alarm Status	—		
Electric Meter Reading (kWh)	62187		
Vacuum Pressure ("wc)	60		
Process Flow (cfm)	90		< 100
Inlet Temp (°F)	800		> 600
Center Temp (°F)	837		
Exhaust Temp (°F)	811		
Hour Meter (hr)	14970		
KO Pot Level	Full	EMPTY	
Compound Clean	—	—	
Signs In Good Condition	—	—	
Fence In Good Condition	—	—	

Well No.	Arrival	Departure
VW-1 S	Open / Closed	Open / Closed
VW-1 D	Open / Closed	Open / Closed
VW-2 S	Open / Closed	Open / Closed
VW-2 D	Open / Closed	Open / Closed
VW-3 S	Open / Closed	Open / Closed
VW-3 D	Open / Closed	Open / Closed
MW-1	Open / Closed	Open / Closed
MW-7	Open / Closed	Open / Closed
MW-9	Open / Closed	Open / Closed

Chart Recorder Paper Changed: Yes / No
Vapor Samples Collected: Yes / No
Optimization Test Performed: Yes / No

SVE SAMPLES

Instrument Type & Number: FID
Calibration Date: 12/21
Calibrated By: KJ
Calibration Gas & Concentration: METH 950 PPM

	Arrival	Departure	Sample Taken	Time
Influent Conc. (ppm)	—	91	Yes / No	
Dilute Influent Conc. (ppm)	—		Yes / No	
Effluent Conc. (ppm)	—	6	Yes / No	

APCD Permit Max Effluent VOC Concentration = 286 ppm (as methane) (at T>600)
* Analyze for TPHg by 8015M, and BTEX, MTBE, and other fuel oxygenates by Method 8021B

Notes: TOOK PARAMETERS → SHUT UNIT OFF FOR HOLIDAYS → DRAINED KO POT.

APPENDIX B

CERTIFIED ANALYTICAL REPORTS

Del Mar Analytical

17461Derian Ave., Suite 100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (949) 370-1046
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2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

LABORATORY REPORT

Prepared For: SECOR-San Diego/ChevronTexaco
2655 Camino del Rio North, Suite 302
San Diego, CA 92108
Attention: Kim Thompson

Project: Chevron 9-1834

Sampled: 10/19/04
Received: 10/19/04
Issued: 10/28/04 10:35

NELAP #01108CA CA ELAP #1197 CSDLAC #10117

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain of Custody, 1 page, is included and is an integral part of this report.

This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
INJ1251-01	Source-A-041019	Air
INJ1251-02	Process-A-041019	Air
INJ1251-03	Effluent-A-041019	Air

Reviewed By:

Del Mar Analytical, Irvine
Kathleen A. Robb
Project Manager

Del Mar Analytical

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SECOR-San Diego/ChevronTexaco
2655 Camino del Rio North, Suite 302
San Diego, CA 92108
Attention: Kim Thompson

Project ID: Chevron 9-1834

Report Number: INJ1251

Sampled: 10/19/04
Received: 10/19/04

VOLATILE FUEL HYDROCARBONS/BTEX/MTBE in Air (EPA 8015/8021B MOD.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INJ1251-01 (Source-A-041019 - Air)								
Reporting Units: ppmv								
Volatile Fuel Hydrocarbons (C6-C12)	EPA 8015M/8021M	4J20002	2.4	**12**	1	10/20/2004	10/20/2004	
Benzene	EPA 8015M/8021M	4J20002	1.6	ND	1	10/20/2004	10/20/2004	
Toluene	EPA 8015M/8021M	4J20002	1.3	ND	1	10/20/2004	10/20/2004	
Ethylbenzene	EPA 8015M/8021M	4J20002	1.2	ND	1	10/20/2004	10/20/2004	
Xylenes, Total	EPA 8015M/8021M	4J20002	3.5	ND	1	10/20/2004	10/20/2004	
Methyl-tert-butyl Ether (MTBE)	EPA 8015M/8021M	4J20002	1.4	ND	1	10/20/2004	10/20/2004	
Sample ID: INJ1251-02 (Process-A-041019 - Air)								
Reporting Units: ppmv								
Volatile Fuel Hydrocarbons (C6-C12)	EPA 8015M/8021M	4J20002	2.4	**19**	1	10/20/2004	10/20/2004	
Benzene	EPA 8015M/8021M	4J20002	1.6	ND	1	10/20/2004	10/20/2004	
Toluene	EPA 8015M/8021M	4J20002	1.3	ND	1	10/20/2004	10/20/2004	
Ethylbenzene	EPA 8015M/8021M	4J20002	1.2	ND	1	10/20/2004	10/20/2004	
Xylenes, Total	EPA 8015M/8021M	4J20002	3.5	ND	1	10/20/2004	10/20/2004	
Methyl-tert-butyl Ether (MTBE)	EPA 8015M/8021M	4J20002	1.4	ND	1	10/20/2004	10/20/2004	
Sample ID: INJ1251-03 (Effluent-A-041019 - Air)								
Reporting Units: ppmv								
Volatile Fuel Hydrocarbons (C6-C12)	EPA 8015M/8021M	4J20002	2.4	ND	1	10/20/2004	10/20/2004	
Benzene	EPA 8015M/8021M	4J20002	1.6	ND	1	10/20/2004	10/20/2004	
Toluene	EPA 8015M/8021M	4J20002	1.3	ND	1	10/20/2004	10/20/2004	
Ethylbenzene	EPA 8015M/8021M	4J20002	1.2	ND	1	10/20/2004	10/20/2004	
Xylenes, Total	EPA 8015M/8021M	4J20002	3.5	ND	1	10/20/2004	10/20/2004	
Methyl-tert-butyl Ether (MTBE)	EPA 8015M/8021M	4J20002	1.4	ND	1	10/20/2004	10/20/2004	

Del Mar Analytical, Irvine
Kathleen A. Robb
Project Manager

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Del Mar Analytical

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SECOR-San Diego/ChevronTexaco
2655 Camino del Rio North, Suite 302
San Diego, CA 92108
Attention: Kim Thompson

Project ID: Chevron 9-1834

Report Number: INJ1251

Sampled: 10/19/04
Received: 10/19/04

SHORT HOLD TIME DETAIL REPORT

	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
Sample ID: Source-A-041019 (INJ1251-01) - Air					
EPA 8015M/8021M	3	10/19/2004 13:20	10/19/2004 17:55	10/20/2004 12:14	10/20/2004 12:14
Sample ID: Process-A-041019 (INJ1251-02) - Air					
EPA 8015M/8021M	3	10/19/2004 13:15	10/19/2004 17:55	10/20/2004 12:29	10/20/2004 12:29
Sample ID: Effluent-A-041019 (INJ1251-03) - Air					
EPA 8015M/8021M	3	10/19/2004 13:10	10/19/2004 17:55	10/20/2004 12:51	10/20/2004 12:51

Del Mar Analytical, Irvine
Kathleen A. Robb
Project Manager

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SECOR-San Diego/ChevronTexaco
2655 Camino del Rio North, Suite 302
San Diego, CA 92108
Attention: Kim Thompson

Project ID: Chevron 9-1834

Report Number: INJ1251

Sampled: 10/19/04
Received: 10/19/04

METHOD BLANK/QC DATA

VOLATILE FUEL HYDROCARBONS/BTEX/MTBE in Air (EPA 8015/8021B MOD.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4J20002 Extracted: 10/20/04										
Blank Analyzed: 10/20/04 (4J20002-BLK1)										
Volatile Fuel Hydrocarbons (C6-C12)	ND	2.4	ppmv							
Benzene	ND	1.6	ppmv							
Toluene	ND	1.3	ppmv							
Ethylbenzene	ND	1.2	ppmv							
Xylenes, Total	ND	3.5	ppmv							
Methyl-tert-butyl Ether (MTBE)	ND	1.4	ppmv							
LCS Analyzed: 10/20/04 (4J20002-BS1)										
Benzene	14.6	1.6	ppmv	16.5		88	85-115			
Toluene	13.1	1.3	ppmv	14.0		94	85-115			
Ethylbenzene	13.1	1.2	ppmv	12.2		107	70-125			
Xylenes, Total	34.2	3.5	ppmv	36.6		93	85-115			
Methyl-tert-butyl Ether (MTBE)	13.4	1.4	ppmv	14.9		90	75-125			
LCS Analyzed: 10/20/04 (4J20002-BS2)										
Volatile Fuel Hydrocarbons (C6-C12)	61.1	2.4	ppmv	70.0		87	80-120			
Duplicate Analyzed: 10/20/04 (4J20002-DUP1)					**Source: INJ1232-01**					
Volatile Fuel Hydrocarbons (C6-C12)	12.2	2.4	ppmv		10			20	20	
Benzene	ND	1.6	ppmv		ND				20	
Toluene	ND	1.3	ppmv		ND				20	
Ethylbenzene	ND	1.2	ppmv		ND				20	
Xylenes, Total	ND	3.5	ppmv		ND				20	
Methyl-tert-butyl Ether (MTBE)	ND	1.4	ppmv		ND				20	

Del Mar Analytical, Irvine
Kathleen A. Robb
Project Manager

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9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

SECOR-San Diego/ChevronTexaco 2655 Camino del Rio North, Suite 302 San Diego, CA 92108 Attention: Kim Thompson	Project ID: Chevron 9-1834 Report Number: INJ1251	Sampled: 10/19/04 Received: 10/19/04

DATA QUALIFIERS AND DEFINITIONS

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.

RPD Relative Percent Difference

ADDITIONAL COMMENTS

For VFH (ppmv):

The molecular weight of 100 was used to convert Volatile Fuel Hydrocarbons from mg/m3 to ppm by volume (ppmv).

For Volatile Fuel Hydrocarbons (C6-C12):

Volatile Fuel Hydrocarbons (C6-C12) are quantitated against a gasoline standard.

Del Mar Analytical, Irvine
Kathleen A. Robb
Project Manager

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SECOR-San Diego/ChevronTexaco
2655 Camino del Rio North, Suite 302
San Diego, CA 92108
Attention: Kim Thompson

Project ID: Chevron 9-1834

Report Number: INJ1251

Sampled: 10/19/04
Received: 10/19/04

Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	NELAP	CA
EPA 8015M/8021M	Air	N/A	N/A

NV and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at www.dmalabs.com.

Del Mar Analytical, Irvine
Kathleen A. Robb
Project Manager

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INJ251

CHAIN OF CUSTODY FORM

Chevron Environmental Management Company ■ 145 S. State College Boulevard ■ Brea, CA 92822-2292 COC ___ of 10404

Chevron Site Global ID: ___

Chevron Site Number: 9-1834

Chevron Site Address: 4175 VOLTAIRE SAN DIEGO-CA

Chevron PM: E. RAHLE

Chevron PM Phone No.: (714) 671-3213

Chevron Service Order No: ___

Chevron Line Item: ___

Chevron Service Code: ZZ02800

☐ Construction/Retail Job or

☐ Retail and Terminal Business Unit (RTBU) Job

NOTE:

THIS IS A LEGAL DOCUMENT. ALL FIELDS MUST BE FILLED OUT CORRECTLY AND COMPLETELY.

Chevron Consultant: SECOR International, Inc.

Address: 2655 Camino Del Río N., Ste. 302, San Diego, CA 92108

Consultant Contact: K. NELSON

Consultant Phone No. (619) 296-6195

Consultant Project No. 08CH.51834.04.0130

Sampling Company: SECOR

Sampled By (Print): R. YAGER

Sampler Signature: R. Yager

Del Mar Analytical

☒ Irvine, CA

☐ Colton, CA

Lab Contact: L. Roberts

Phone No:

☒ (949) 261-1022

☐ (909) 370-4667

Lancaster Laboratories

☐ Lancaster, PA

Lab Contact: Teresa Cunningham

Phone No:

☐ (717) 656-2300

EDF Required?

☒ Yes

☐ No

ANALYSES REQUIRED

SAMPLE ID: Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	Container Type	# of Containers	Preservation	EPA 8015B GRO ☒ DRO ☐ ORO ☐ TPHd ☐ HC SCREEN ☐	EPA 8021B BTEX ☒ MTBE ☒	EPA 8260B TPH-G ☐ BTEX ☐ MTBE ☒ OXYGENATES ☐ HVOC ☐	EPA 6010 CA, FE, K, MG, MN, NA ☐	EPA 6010/7000 TITLE 22 METALS ☐ TTLC ☐ STLC ☐	EPA 310.1 ALKALINITY ☐ / EPA 150.1 PH ☐	SM 2510B SPECIFIC CONDUCTIVITY ☐	EPA 413.1 OIL/GREASES ☐ / EPA 418.1 TRPH ☐				Notes/Comments
SOURCE	AIR	—	041019	1:20	TEDLAR	1	Cooler	X	X	X									
PROCESS	AIR	—	041019	1:15	TEDLAR	1	"	X	X	X									
EFFLUENT	AIR	—	041019	1:10	TEDLAR	1	"	X	X	X									

Dep

Special Instructions

Temp. Blank Check

Time	Temp.
___	___
___	___
___	___
___	___
___	___

Relinquished By	Company	Date/Time:	Relinquished To	Company
R. Yager	SECOR	10-19-04 1545	Rob Sheridan	DMAL
Rob Sheridan	DMAL	10-19-04 1755	[illegible]	10 19 04 1755

Turnaround Time:

24 Hours ☐ Standard ☒

48 hours ☐ Other ☐

Sample Integrity: (Check by lab on arrival)

Intact: ___ On Ice: ☒ Temp: [illegible]

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LABORATORY REPORT

Prepared For: SECOR-San Diego/ChevronTexaco
2655 Camino del Rio North, Suite 302
San Diego, CA 92108
Attention: Kim Thompson

Project: Chevron 9-1834

Sampled: 11/01/04
Received: 11/01/04
Issued: 11/10/04 11:18

NELAP #01108CA CA ELAP #1197 CSDLAC #10117

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain of Custody, 1 page, is included and is an integral part of this report.

This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
INK0030-01	Source-A-041101	Air
INK0030-02	Effluent-A-041101	Air

Reviewed By:

Del Mar Analytical, Irvine
Kathleen A. Robb
Project Manager

Del Mar Analytical

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SECOR-San Diego/ChevronTexaco
2655 Camino del Rio North, Suite 302
San Diego, CA 92108
Attention: Kim Thompson

Project ID: Chevron 9-1834

Report Number: INK0030

Sampled: 11/01/04
Received: 11/01/04

VOLATILE FUEL HYDROCARBONS/BTEX/MTBE in Air (EPA 8015/8021B MOD.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INK0030-01 (Source-A-041101 - Air)								
Reporting Units: ppmv								
Volatile Fuel Hydrocarbons (C6-C12)	EPA 8015M/8021M	4K04045	2.4	**110**	1	11/4/2004	11/4/2004	
Benzene	EPA 8015M/8021M	4K04045	1.6	ND	1	11/4/2004	11/4/2004	
Toluene	EPA 8015M/8021M	4K04045	1.3	ND	1	11/4/2004	11/4/2004	
Ethylbenzene	EPA 8015M/8021M	4K04045	1.2	ND	1	11/4/2004	11/4/2004	
Xylenes, Total	EPA 8015M/8021M	4K04045	3.5	ND	1	11/4/2004	11/4/2004	
Methyl-tert-butyl Ether (MTBE)	EPA 8015M/8021M	4K04045	1.4	ND	1	11/4/2004	11/4/2004	
Sample ID: INK0030-02 (Effluent-A-041101 - Air)								
Reporting Units: ppmv								
Volatile Fuel Hydrocarbons (C6-C12)	EPA 8015M/8021M	4K04045	2.4	ND	1	11/4/2004	11/4/2004	
Benzene	EPA 8015M/8021M	4K04045	1.6	ND	1	11/4/2004	11/4/2004	
Toluene	EPA 8015M/8021M	4K04045	1.3	ND	1	11/4/2004	11/4/2004	
Ethylbenzene	EPA 8015M/8021M	4K04045	1.2	ND	1	11/4/2004	11/4/2004	
Xylenes, Total	EPA 8015M/8021M	4K04045	3.5	ND	1	11/4/2004	11/4/2004	
Methyl-tert-butyl Ether (MTBE)	EPA 8015M/8021M	4K04045	1.4	ND	1	11/4/2004	11/4/2004	

Del Mar Analytical, Irvine
Kathleen A. Robb
Project Manager

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SECOR-San Diego/ChevronTexaco
2655 Camino del Rio North, Suite 302
San Diego, CA 92108
Attention: Kim Thompson

Project ID: Chevron 9-1834

Report Number: INK0030

Sampled: 11/01/04
Received: 11/01/04

SHORT HOLD TIME DETAIL REPORT

	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
Sample ID: Source-A-041101 (INK0030-01) - Air					
EPA 8015M/8021M	3	11/01/2004 11:35	11/01/2004 17:00	11/04/2004 09:01	11/04/2004 09:01
Sample ID: Effluent-A-041101 (INK0030-02) - Air					
EPA 8015M/8021M	3	11/01/2004 11:30	11/01/2004 17:00	11/04/2004 09:16	11/04/2004 09:16

Del Mar Analytical, Irvine
Kathleen A. Robb
Project Manager

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SECOR-San Diego/ChevronTexaco
2655 Camino del Rio North, Suite 302
San Diego, CA 92108
Attention: Kim Thompson

Project ID: Chevron 9-1834

Report Number: INK0030

Sampled: 11/01/04
Received: 11/01/04

METHOD BLANK/QC DATA

VOLATILE FUEL HYDROCARBONS/BTEX/MTBE in Air (EPA 8015/8021B MOD.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4K04045 Extracted: 11/04/04										
Blank Analyzed: 11/04/04 (4K04045-BLK1)										
Volatile Fuel Hydrocarbons (C6-C12)	ND	2.4	ppmv							
Benzene	ND	1.6	ppmv							
Toluene	ND	1.3	ppmv							
Ethylbenzene	ND	1.2	ppmv							
Xylenes, Total	ND	3.5	ppmv							
Methyl-tert-butyl Ether (MTBE)	ND	1.4	ppmv							
LCS Analyzed: 11/04/04 (4K04045-BS1)										
Benzene	15.1	1.6	ppmv	16.5		92	85-115			
Toluene	13.7	1.3	ppmv	14.0		98	85-115			
Ethylbenzene	11.7	1.2	ppmv	12.2		96	70-125			
Xylenes, Total	35.3	3.5	ppmv	36.6		96	85-115			
Methyl-tert-butyl Ether (MTBE)	13.0	1.4	ppmv	14.9		87	75-125			
LCS Analyzed: 11/04/04 (4K04045-BS2)										
Volatile Fuel Hydrocarbons (C6-C12)	64.7	2.4	ppmv	70.0		92	80-120			
Duplicate Analyzed: 11/04/04 (4K04045-DUP1)					**Source: INK0056-03**					
Volatile Fuel Hydrocarbons (C6-C12)	6760	24	ppmv		6700			1	20	
Benzene	128	16	ppmv		130			2	20	
Toluene	265	13	ppmv		260			2	20	
Ethylbenzene	18.0	12	ppmv		16			12	20	
Xylenes, Total	195	35	ppmv		200			3	20	
Methyl-tert-butyl Ether (MTBE)	86.9	14	ppmv		90			4	20	

Del Mar Analytical, Irvine
Kathleen A. Robb
Project Manager

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2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

SECOR-San Diego/ChevronTexaco 2655 Camino del Rio North, Suite 302 San Diego, CA 92108 Attention: Kim Thompson	Project ID: Chevron 9-1834 Report Number: INK0030	Sampled: 11/01/04 Received: 11/01/04

DATA QUALIFIERS AND DEFINITIONS

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.

RPD Relative Percent Difference

ADDITIONAL COMMENTS

For VFH (ppmv):

The molecular weight of 100 was used to convert Volatile Fuel Hydrocarbons from mg/m3 to ppm by volume (ppmv).

For Volatile Fuel Hydrocarbons (C6-C12):

Volatile Fuel Hydrocarbons (C6-C12) are quantitated against a gasoline standard.

Del Mar Analytical, Irvine
Kathleen A. Robb
Project Manager

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2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

SECOR-San Diego/ChevronTexaco
2655 Camino del Rio North, Suite 302
San Diego, CA 92108
Attention: Kim Thompson

Project ID: Chevron 9-1834

Report Number: INK0030

Sampled: 11/01/04
Received: 11/01/04

Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	NELAP	CA
EPA 8015M/8021M	Air	N/A	N/A

NV and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at www.dmalabs.com.

Del Mar Analytical, Irvine
Kathleen A. Robb
Project Manager

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~~INJ0~~ INK0030

CHAIN OF CUSTODY FORM

Chevron Environmental Management Company ■ 145 S. State College Boulevard ■ Brea, CA 92822-2292 COC ___ of 10405

Chevron Site Global ID: ___

Chevron Site Number: 9-1834

Chevron Site Address: 4175 Voltaire San Diego - CA

Chevron PM: E. Rathe

Chevron PM Phone No.: ___

Chevron Service Order No: ___

Chevron Line Item: ___

Chevron Service Code: ZZ02800

☐ Construction/Retail Job or

☒ Retail and Terminal Business Unit (RTBU) Job

NOTE:

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Chevron Consultant: SECOR International, Inc.

Address: 2655 Camino Del Rio N., Ste. 302, San Diego, CA 92108

Consultant Contact: K Nelson

Consultant Phone No. (619) 296-4195

Consultant Project No. 08CH.S1834.04.0130

Sampling Company: Secor

Sampled By (Print): R Yager

Sampler Signature: R Yager

Del Mar Analytical

☒ Irvine, CA

☐ Colton, CA

Lab Contact: ___

Phone No:

☒ (949) 261-1022

☐ (909) 370-4667

Lancaster Laboratories

☐ Lancaster, PA

Lab Contact: Teresa Cunningham

Phone No:

☐ (717) 656-2300

EDF Required?

☒ Yes

☐ No

ANALYSES REQUIRED

Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	Container Type	# of Containers	Preservation	EPA 8015B GRO ☒ DRO ☐ ORO ☐ TPHd ☐ HC Screen ☐	EPA 8021B BTEX ☒ MTBE ☒	EPA 8260B TPH-G ☐ BTEX ☐ MTBE ☐ OXYGENATES ☐ HVOC ☐	EPA 6010 CA, FE, K, MG, MN, NA ☐	EPA 6010/7000 TITLE 22 METALS ☐ TTLC ☐ STLC ☐	EPA 150.1 PH ☐	EPA 310.1 ALKALINITY ☐	SM 2510B SPECIFIC CONDUCTIVITY ☐	EPA 418.1 TRPH ☐	EPA 413.1 OIL/GREASES ☐				Notes/Comments
Source	Air	—	041101	11:35	Tedlar	1	Cooler	X	X												
Effluent	Air	—	041101	11:30	Tedlar	1	Cooler	X	X												

Special Instructions

Temp. Blank Check

Time	Temp.

Relinquished By	Company	Date/Time	Relinquished To	Company
Sampler	Secor	11/01/04 1445	11-01-04 1445	DMAI [signature]
[signature]	DMAI	11/01/04 1700		11/1/04 1700

Turnaround Time: 24 Hours ☐ Standard ☒ 48 hours ☐ Other ☐

Sample Integrity: (Check by lab on arrival)

Intact: ✓ On Ice: N Temp: 27

COC Revision 9 – SECOR – SD.doc, 12/8/03

Del Mar Analytical

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2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

LABORATORY REPORT

Prepared For: SECOR-San Diego/ChevronTexaco
2655 Camino del Rio North, Suite 302
San Diego, CA 92108
Attention: Sharon Zuniga

Project: CVX 9-1834

Sampled: 12/14/04
Received: 12/14/04
Revised: 01/13/05 14:11

NELAP #01108CA CA ELAP #1197 CSDLAC #10117

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 22°C and with chain of custody documentation.

HOLDING TIMES: All samples were analyzed within prescribed holding times and/or in accordance with the Del Mar Analytical Sample Acceptance Policy unless otherwise noted in the report.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

COMMENTS: Revised report to change sample ID's per client's request.

SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

LABORATORY ID	CLIENT ID	MATRIX
INL1036-01	Process-A-041214	Air
INL1036-02	Effluent-A-041214	Air

Reviewed By:

Del Mar Analytical, Irvine
Kathleen A. Robb
Project Manager

Del Mar Analytical

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SECOR-San Diego/ChevronTexaco
2655 Camino del Rio North, Suite 302
San Diego, CA 92108
Attention: Sharon Zuniga

Project ID: CVX 9-1834

Report Number: INL1036

Sampled: 12/14/04
Received: 12/14/04

VOLATILE FUEL HYDROCARBONS/BTEX/MTBE in Air (EPA 8015/8021B MOD.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INL1036-01 (Process-A-041214 - Air)								
Reporting Units: ppmv								
Volatile Fuel Hydrocarbons (C6-C12)	EPA 8015M/8021M	4L16002	2.4	**15**	1	12/16/2004	12/16/2004	
Benzene	EPA 8015M/8021M	4L16002	1.6	ND	1	12/16/2004	12/16/2004	
Toluene	EPA 8015M/8021M	4L16002	1.3	ND	1	12/16/2004	12/16/2004	
Ethylbenzene	EPA 8015M/8021M	4L16002	1.2	ND	1	12/16/2004	12/16/2004	
Xylenes, Total	EPA 8015M/8021M	4L16002	3.5	ND	1	12/16/2004	12/16/2004	
Methyl-tert-butyl Ether (MTBE)	EPA 8015M/8021M	4L16002	1.4	ND	1	12/16/2004	12/16/2004	
Sample ID: INL1036-02 (Effluent-A-041214 - Air)								
Reporting Units: ppmv								
Volatile Fuel Hydrocarbons (C6-C12)	EPA 8015M/8021M	4L16002	2.4	ND	1	12/16/2004	12/16/2004	
Benzene	EPA 8015M/8021M	4L16002	1.6	ND	1	12/16/2004	12/16/2004	
Toluene	EPA 8015M/8021M	4L16002	1.3	ND	1	12/16/2004	12/16/2004	
Ethylbenzene	EPA 8015M/8021M	4L16002	1.2	ND	1	12/16/2004	12/16/2004	
Xylenes, Total	EPA 8015M/8021M	4L16002	3.5	ND	1	12/16/2004	12/16/2004	
Methyl-tert-butyl Ether (MTBE)	EPA 8015M/8021M	4L16002	1.4	ND	1	12/16/2004	12/16/2004	

Del Mar Analytical, Irvine
Kathleen A. Robb
Project Manager

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SECOR-San Diego/ChevronTexaco
2655 Camino del Rio North, Suite 302
San Diego, CA 92108
Attention: Sharon Zuniga

Project ID: CVX 9-1834

Report Number: INL1036

Sampled: 12/14/04
Received: 12/14/04

SHORT HOLD TIME DETAIL REPORT

	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
Sample ID: Process-A-041214 (INL1036-01) - Air					
EPA 8015M/8021M	3	12/14/2004 11:55	12/14/2004 17:40	12/16/2004 11:59	12/16/2004 11:59
Sample ID: Effluent-A-041214 (INL1036-02) - Air					
EPA 8015M/8021M	3	12/14/2004 11:50	12/14/2004 17:40	12/16/2004 12:31	12/16/2004 12:31

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METHOD BLANK/QC DATA

VOLATILE FUEL HYDROCARBONS/BTEX/MTBE in Air (EPA 8015/8021B MOD.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4L16002 Extracted: 12/16/04										
Blank Analyzed: 12/16/2004 (4L16002-BLK1)										
Volatile Fuel Hydrocarbons (C6-C12)	ND	2.4	ppmv							
Benzene	ND	1.6	ppmv							
Toluene	ND	1.3	ppmv							
Ethylbenzene	ND	1.2	ppmv							
Xylenes, Total	ND	3.5	ppmv							
Methyl-tert-butyl Ether (MTBE)	ND	1.4	ppmv							
LCS Analyzed: 12/16/2004 (4L16002-BS1)										
Benzene	17.0	1.6	ppmv	16.5		103	85-115			
Toluene	16.1	1.3	ppmv	14.0		115	85-115			
Ethylbenzene	12.1	1.2	ppmv	12.2		99	70-125			
Xylenes, Total	37.9	3.5	ppmv	36.6		104	85-120			
Methyl-tert-butyl Ether (MTBE)	15.9	1.4	ppmv	14.9		107	75-125			
LCS Analyzed: 12/16/2004 (4L16002-BS2)										
Volatile Fuel Hydrocarbons (C6-C12)	76.6	2.4	ppmv	70.0		109	80-120			
Duplicate Analyzed: 12/16/2004 (4L16002-DUP1)					**Source: INL1036-01**					
Volatile Fuel Hydrocarbons (C6-C12)	14.9	2.4	ppmv		15			1	20	
Benzene	ND	1.6	ppmv		ND				20	
Toluene	ND	1.3	ppmv		ND				20	
Ethylbenzene	ND	1.2	ppmv		ND				20	
Xylenes, Total	ND	3.5	ppmv		ND				20	
Methyl-tert-butyl Ether (MTBE)	ND	1.4	ppmv		ND				20	

Del Mar Analytical, Irvine
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SECOR-San Diego/ChevronTexaco 2655 Camino del Rio North, Suite 302 San Diego, CA 92108 Attention: Sharon Zuniga	Project ID: CVX 9-1834 Report Number: INL1036	Sampled: 12/14/04 Received: 12/14/04

DATA QUALIFIERS AND DEFINITIONS

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.

RPD Relative Percent Difference

ADDITIONAL COMMENTS

For VFH (ppmv):

The molecular weight of 100 was used to convert Volatile Fuel Hydrocarbons from mg/m3 to ppm by volume (ppmv).

For Volatile Fuel Hydrocarbons (C6-C12):

Volatile Fuel Hydrocarbons (C6-C12) are quantitated against a gasoline standard.

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Attention: Sharon Zuniga

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Report Number: INL1036

Sampled: 12/14/04
Received: 12/14/04

Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	NELAP	CA
EPA 8015M/8021M	Air	N/A	N/A

NV and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at www.dmalabs.com.

Del Mar Analytical, Irvine
Kathleen A. Robb
Project Manager

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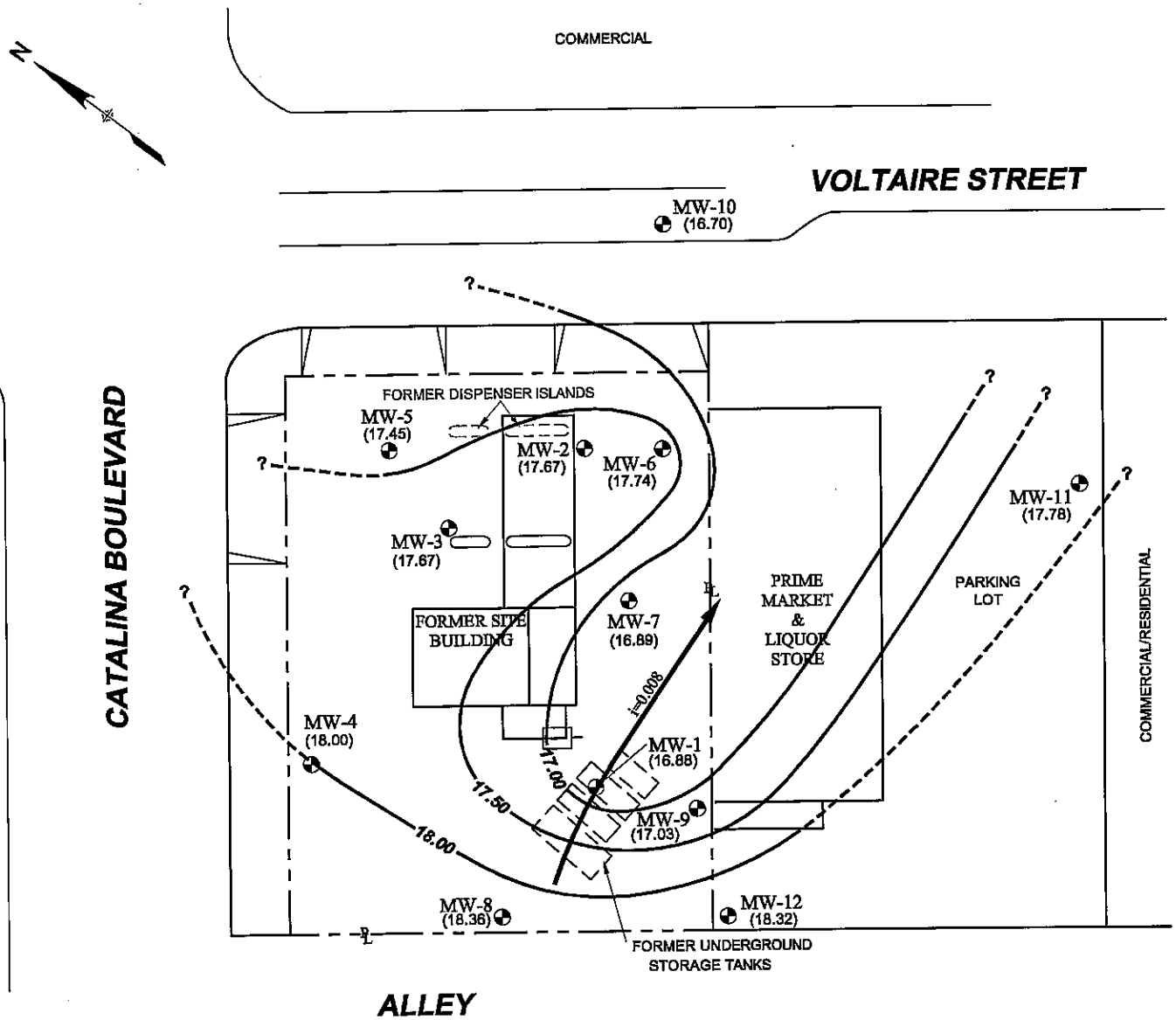
APPENDIX C

EXCERPTS FROM FOURTH QUARTER 2004 GROUNDWATER MONITORING REPORT

- Figure 4 – Groundwater Gradient Map, November 5, 2004
- Figure 5 – Hydrocarbon Constituents Map, November 5, 2004
- Table 2 – Summary of Fourth Quarter 2004 Groundwater Levels and Chemical Analysis Results
- Table 3 – Historic Groundwater Levels and Chemical Analysis Results



LEGEND:

MW-3 ⊕	MONITORING WELL LOCATION AND IDENTIFICATION.
(18.00)	GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (MSL)
? - - 18.00 —	ESTIMATED GROUNDWATER ELEVATION CONTOUR IN FEET ABOVE MSL. DASHED WHERE INFERRED. QUERIED WHERE UNKNOWN.
i=0.008	APPROXIMATE DIRECTION OF GROUNDWATER FLOW AND HYDRAULIC GRADIENT (i)

0 40 80
APPROXIMATE SCALE IN FEET

DRAWN BY: PD CHECKED: APPROVED: DATE: 1/17/05 JOB No.: 08CH.41834.05 CAD FILE: 9-1834GW11-04	PREPARED BY: SECOR 2655 Camino del Rio North, Suite 302 San Diego, California	PREPARED FOR: FORMER CHEVRON FACILITY No. 9-1834 4175 VOLTAIRE STREET SAN DIEGO, CALIFORNIA	FIGURE: 4 **GROUNDWATER GRADIENT MAP** **NOVEMBER 5, 2004**

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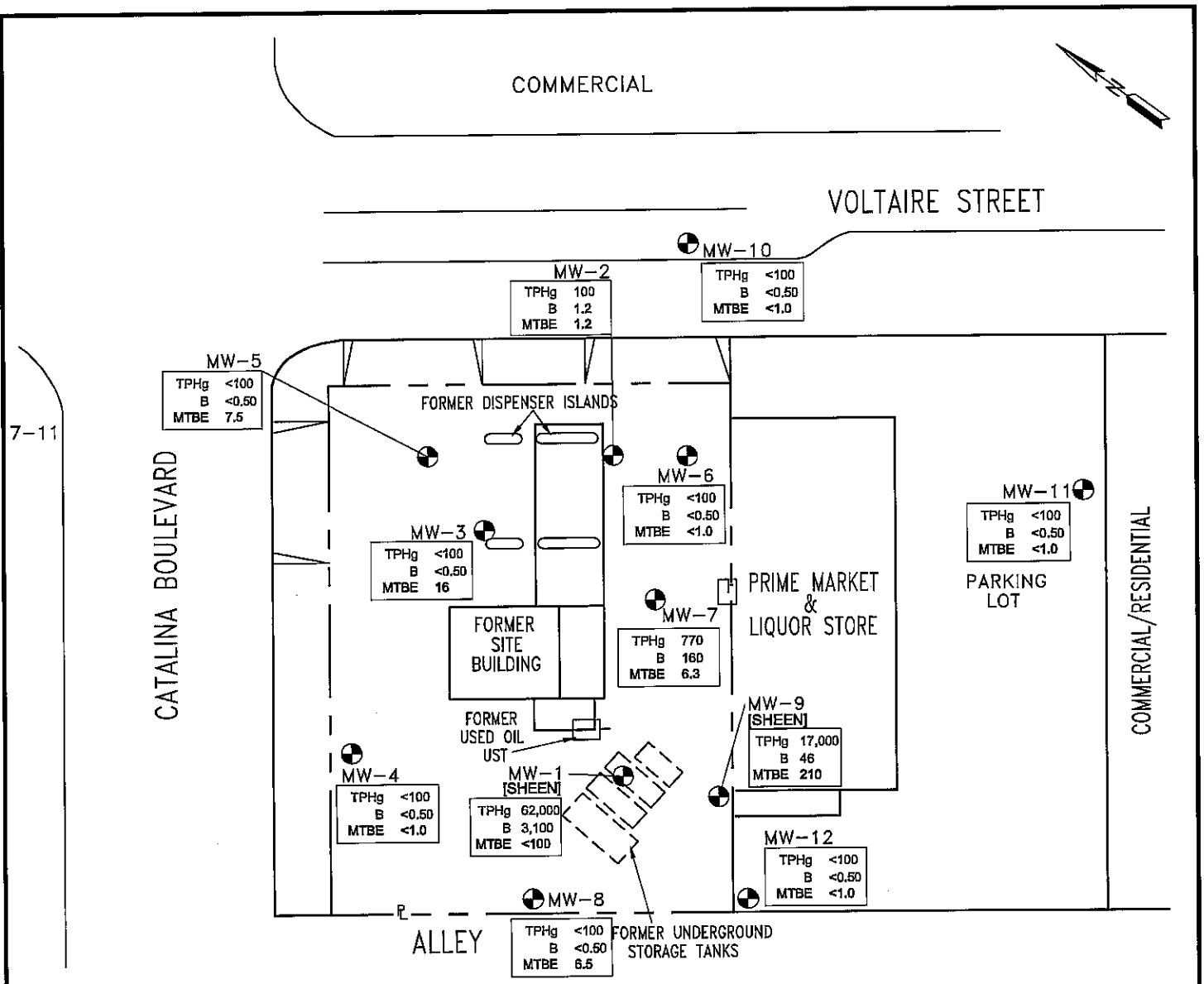

LEGEND:

MW-3 MONITORING WELL LOCATION AND IDENTIFICATION.

TPHg <100	TOTAL PETROLEUM HYDROCARBONS CHARACTERIZED AS GASOLINE (μg/L)
B <0.50	BENZENE (μg/L)
MTBE <1.0	METHYL-TERT-BUTYL ETHER (μg/L)

[SHEEN] DISCONTINOUS NON-MEASURABLE THICKNESS OF LPH DETECTED

0 20 40
APPROXIMATE SCALE IN FEET

DRAWN BY: PD CHECKED: APPROVED: DATE: 1/17/05 JOB No.: 08CH.41834.05 CAD FILE: 91834HCM11-04	PREPARED BY: SECOR 2655 Camino del Rio North, Suite 302 San Diego, California	PREPARED FOR: FORMER CHEVRON STATION NO. 9-1834 4175 VOLTAIRE STREET SAN DIEGO, CALIFORNIA	FIGURE: 5 **HYDROCARBON CONSTITUENTS** **NOVEMBER 5, 2004**

P:\CAD\ALLPROJECTS2005DWGS\CHEVRONTEXACO 2005\9-1834-2K5\9-1834HCM11-04.DWG MODIFIED BY LHUNTER ON JAN 18, 2005 - 11:57

Table 2
Summary of Fourth Quarter 2004 Groundwater Levels and Chemical Analysis Results
Former Chevron Station 9-1834, 4175 Voltaire Street, San Diego, California

Well Number	Date	DTW (feet)	Groundwater Elevation** (feet)*	LPH Thickness (feet)	TPH-g µg/l (ppb)	Benzene µg/l (ppb)	Toluene µg/l (ppb)	Ethyl-benzene µg/l (ppb)	Total Xylenes µg/l (ppb)	MTBE µg/L (ppb)	DIPE µg/L (ppb)	ETBE µg/L (ppb)	TAME µg/L (ppb)	TBA µg/L (ppb)
MW-1	11/5/2004	52.71	16.88	Sheen	62000	3100	10000	2000	11000	<100	<500	<500	<500	<2500
MW-2	11/5/2004	50.35	17.67	--	100	1.2	<0.50	<0.50	<1.5	1.2	<5.0	<5.0	<5.0	<25
MW-3	11/5/2004	50.34	17.67	--	<100	<0.50	<0.50	<0.50	<1.5	16	<5.0	<5.0	<5.0	<25
MW-4	11/5/2004	51.85	18.00	--	<100	<0.50	<0.50	<0.50	<1.5	<1.0	<5.0	<5.0	<5.0	<25
MW-5	11/5/2004	49.92	17.45	--	<100	<0.50	<0.50	<0.50	<1.5	7.5	<5.0	<5.0	<5.0	<25
MW-6	11/5/2004	50.82	17.74	--	<100	<0.50	0.54	<0.50	<1.5	<1.0	<5.0	<5.0	<5.0	<25
MW-7	11/5/2004	51.63	16.89	--	770	160	3.9	32	19	6.3	<10	<10	<10	<50
MW-8	11/5/2004	52.14	18.36	--	<100	<0.50	<0.50	<0.50	<1.5	6.5	<5.0	<5.0	<5.0	<25
MW-9	11/5/2004	52.34	17.03	Sheen	17000	46	<10	1300	1800	210	<100	<100	<100	530
MW-10	11/5/2004	51.37	16.70	--	<100	<0.50	<0.50	<0.50	<1.5	<1.0	<5.0	<5.0	<5.0	<25
MW-11	11/5/2004	52.42	17.78	--	<100	<0.50	<0.50	<0.50	<1.5	<1.0	<5.0	<5.0	<5.0	<25
MW-12	11/5/2004	53.33	18.32	--	<100	<0.50	<0.50	<0.50	<1.5	<1.0	<5.0	<5.0	<5.0	<25

Notes: Analyzed by EPA method 8260B.

Definitions: feet* = Feet above mean sea level, ** = Groundwater elevation corrected for LPH if / when present (gasoline density = 0.75 gm/cc), LPH= Liquid Phase Hydrocarbons, Sheen = Discontinuous, non-measurable thickness of LPH, Trace = Continuous, non-measurable thickness of LPH, MTBE = Methyl tert-Butyl Ether, DIPE = Di-isopropyl Ether, ETBE = Ethyl tert-Butyl Ether, TAME = tert-Amyl Methyl Ether, TBA = tert-Butanol, ppb = parts per billion, µg/L = micrograms per liter, -- = Not Measured/Not Sampled, DTW = Depth to Water, DTP = Depth to Product, TPH = Total Petroleum Hydrocarbons.

Table 3
Historic Groundwater Levels and Chemical Analysis Results
Former Chevron Station 9-1834, 4175 Voltaire Street, San Diego, California

Well No. and Elevation (feet)*	Date	DTW (feet)	Groundwater Elevation** (feet)*	Corrected Groundwater Elevation ***	LPH Thickness (feet)	TPH-g [1] µg/l (ppb)	Benzene [2] µg/l (ppb)	Toluene [2] µg/l (ppb)	Ethyl-benzene [2] µg/l (ppb)	Total Xylenes [2] µg/l (ppb)	MTBE [3] µg/l (ppb)	MTBE [4] µg/L (ppb)	DIPE [4] µg/L (ppb)	ETBE [4] µg/L (ppb)	TAME [4] µg/L (ppb)	TBA [4] µg/L (ppb)
MW-1	3/5/97	51.86	47.86	17.73	--	5600	740	2000	210	1400	ND	--	--	--	--	--
99.72	5/16/97	51.83	47.89	17.76	--	14000	1900	4900	360	2600	--	--	--	--	--	--
	9/29/97	52.02	47.70	17.57	--	100000	13000	32000	2500	17000	ND	--	--	--	--	--
	11/12/97	52.01	47.71	17.58	--	100000	13000	20000	2400	15000	ND	--	--	--	--	--
	1/22/98	52.03	47.69	17.56	--	100000	12000	30000	2300	14000	ND	--	--	--	--	--
	4/8/98	51.82	47.90	17.77	--	120000	15000	32000	2300	15000	ND	--	--	--	--	--
	8/27/98	51.96	47.76	17.63	--	130000	18000	41000	3200	19000	ND	--	--	--	--	--
	10/13/98	51.69	48.03	17.90	--	47000	6000	13000	970	5200	ND	--	--	--	--	--
	1/25/99	51.64	48.08	17.95	--	120000	16000	41000	3200	19000	ND	--	--	--	--	--
	2/19/99	51.58	48.14	18.01	--	150000	14000	34000	2800	17000	1800	--	--	--	--	--
	4/26/99	51.51	48.21	18.08	--	140000	18000	40000	3100	17000	<2000	--	--	--	--	--
	9/24/99	51.70	48.02	17.89	Sheen	--	--	--	--	--	--	--	--	--	--	--
	12/3/99	51.50	48.22	18.09	Sheen	--	--	--	--	--	--	--	--	--	--	--
	3/31/00	52.52	47.20	17.07	Sheen	--	--	--	--	--	--	--	--	--	--	--
	6/14/00	51.54	48.18	18.05	Sheen	--	--	--	--	--	--	--	--	--	--	--
	9/15/00	51.66	48.06	17.93	Sheen	--	--	--	--	--	--	--	--	--	--	--
	11/15/00	51.67	48.06	17.93	0.01	--	--	--	--	--	--	--	--	--	--	--
	3/30/01	51.39	48.33	18.20	Sheen	--	--	--	--	--	--	--	--	--	--	--
	6/14/01	51.35	48.40	18.27	0.04	--	--	--	--	--	--	--	--	--	--	--
	8/20/01	51.33	48.42	18.29	0.04	130000	11000	36000	3900	26000	--	<1000	<2000	<2000	<2000	<25000
	12/10/01	51.26	48.50	18.37	0.05	--	--	--	--	--	--	--	--	--	--	--
	1/23/02	51.41	48.37	18.24	0.08	--	--	--	--	--	--	--	--	--	--	--
	4/12/02	51.27	48.49	18.36	0.05	--	--	--	--	--	--	--	--	--	--	--
69.59	7/11/02	51.28	18.34	--	0.04	--	--	--	--	--	--	--	--	--	--	--
	10/16/02	51.21	18.39	--	0.01	--	--	--	--	--	--	--	--	--	--	--
	1/10/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/28/03	52.40	17.19	--	--	86000	6300	20000	2100	19000	--	<400	<800	<800	<800	<10000
	8/11/03	51.80	17.79	--	Sheen	--	--	--	--	--	--	--	--	--	--	--
	11/25/03	52.70	16.89	--	--	82000	11000	22000	2000	17000	--	470	<2000	<2000	<2000	<10000
	02/05/04	52.75	16.84	--	Sheen	--	--	--	--	--	--	--	--	--	--	--
	5/10/04	52.66	16.93	--	Sheen	--	--	--	--	--	--	--	--	--	--	--
	8/11/04	52.71	16.88	--	Sheen	--	--	--	--	--	--	--	--	--	--	--
	11/5/04	52.71	16.88	--	Sheen	62000	3100	10000	2000	11000	--	<100	<500	<500	<500	<2500
MW-2	3/5/97	50.75	47.41	17.27	--	14000	490	ND	ND	ND	ND	--	--	--	--	--
98.16	5/16/97	50.70	47.46	17.32	--	1500	330	6.6	ND	27	--	--	--	--	--	--
	9/29/97	50.96	47.20	17.06	--	2600	620	ND	7.7	31	ND	--	--	--	--	--
	11/12/97	50.91	47.25	17.11	--	2300	200	ND	5.7	22	ND	--	--	--	--	--
	1/22/98	50.98	47.18	17.04	--	1000	220	ND	ND	8.2	ND	--	--	--	--	--

Table 3
Historic Groundwater Levels and Chemical Analysis Results
Former Chevron Station 9-1834, 4175 Voltaire Street, San Diego, California

Well No. and Elevation (feet)*	Date	DTW (feet)	Groundwater Elevation** (feet)*	Corrected Groundwater Elevation ***	LPH Thickness (feet)	TPH-g [1] µg/l (ppb)	Benzene [2] µg/l (ppb)	Toluene [2] µg/l (ppb)	Ethyl-benzene [2] µg/l (ppb)	Total Xylenes [2] µg/l (ppb)	MTBE [3] µg/l (ppb)	MTBE [4] µg/L (ppb)	DIPE [4] µg/L (ppb)	ETBE [4] µg/L (ppb)	TAME [4] µg/L (ppb)	TBA [4] µg/L (ppb)
MW-2	4/8/98	50.75	47.41	17.27	--	580	60	ND	1.0	3.8	ND	--	--	--	--	--
continued	8/27/98	50.90	47.26	17.12	--	ND	9.1	0.75	2.2	4.6	16	--	--	--	--	--
	10/13/98	50.61	47.55	17.41	--	ND	8.7	0.62	ND	ND	ND	--	--	--	--	--
	1/25/99	50.52	47.64	17.50	--	ND	2.3	0.80	0.80	1.6	ND	--	--	--	--	--
	2/19/99	50.60	47.56	17.42	--	690	10	1.9	2.5	12	<10	--	--	--	--	--
	4/26/99	50.47	47.69	17.55	--	570	9.8	<0.50	1.5	4.5	<10	--	--	--	--	--
	9/24/99	50.58	47.58	17.44	--	<500	9.4	<0.50	<0.50	3.9	<10	--	--	--	--	--
	12/3/99	50.58	47.58	17.44	--	<500	3.4	1.4	2.2	4.2	<10	--	--	--	--	--
	3/31/00	50.49	47.67	17.53	--	530	9.3	2.0	<0.50	6.9	1.9	--	--	--	--	--
	6/14/00	50.52	47.64	17.50	--	<500	7.1	<0.50	<0.50	3.6	1.2	--	--	--	--	--
	9/15/00	50.58	47.58	17.44	--	<500	7.4	1.5	<0.50	5.9	--	<1.0	<5.0	<5.0	<5.0	<50
	11/15/00	50.68	47.48	17.34	--	<500	6.6	0.50	<0.50	3.1	--	<1.0	<5.0	<5.0	<5.0	<50
	3/30/01	50.32	47.84	17.70	--	<500	1.2	0.98	<0.50	5.2	--	<1.0	<5.0	<5.0	<5.0	<50
	6/14/01	50.25	47.91	17.77	--	<500	13	<0.50	0.52	2.1	--	<1.0	<5.0	<5.0	<5.0	<50
	8/20/01	50.25	47.91	17.77	--	--	--	--	--	--	--	--	--	--	--	--
	12/10/01	50.15	48.01	17.87	--	<500	4.8	<0.50	0.73	4.8	--	<1.0	<2.0	<2.0	<2.0	<25
	1/23/02	50.26	47.90	17.76	--	--	--	--	--	--	--	--	--	--	--	--
	4/12/02	50.15	48.01	17.87	--	<500	3.3	<0.50	2.2	4.4	--	<1.0	<2.0	<2.0	<2.0	<25
68.02	7/11/02	50.17	17.85	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/16/02	50.17	17.85	--	--	<500	0.61	<0.50	0.67	3.4	--	<1.0	<2.0	<2.0	<2.0	<25
	1/10/03	50.10	17.92	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/28/03	50.00	18.02	--	--	<500	<0.50	<0.50	<0.50	1.6	--	<1.0	<2.0	<2.0	<2.0	<25
	8/11/03	49.80	18.22	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/25/03	50.30	17.72	--	--	<500	2.7	<0.50	0.79	<1.5	--	<1.0	<5.0	<5.0	<5.0	35
	02/05/04	50.41	17.61	--	--	<500	0.88	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25
	5/10/04	50.28	17.74	--	--	<100	0.89	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25
	8/11/04	50.38	17.64	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/5/04	50.35	17.67	--	--	100	1.2	<0.50	<0.50	<1.5	--	1.2	<5.0	<5.0	<5.0	<25
MW-3	3/5/97	50.90	47.27	17.11	--	ND	ND	ND	ND	ND	ND	--	--	--	--	--
98.17	5/16/97	50.65	47.52	17.36	--	ND	ND	ND	ND	ND	--	--	--	--	--	--
	9/29/97	50.92	47.25	17.09	--	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	11/12/97	51.05	47.12	16.96	--	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	1/22/98	50.92	47.25	17.09	--	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	4/8/98	50.69	47.48	17.32	--	ND	1.0	ND	ND	ND	ND	--	--	--	--	--
	8/27/98	50.83	47.34	17.18	--	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	10/13/98	50.48	47.69	17.53	--	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	1/25/99	50.55	47.62	17.46	--	ND	ND	1.5	ND	ND	ND	--	--	--	--	--
	2/19/99	50.46	47.71	17.55	--	<500	<0.50	2.1	<0.50	<1.5	<10	--	--	--	--	--

Table 3
Historic Groundwater Levels and Chemical Analysis Results
Former Chevron Station 9-1834, 4175 Voltaire Street, San Diego, California

Well No. and Elevation (feet)*	Date	DTW (feet)	Groundwater Elevation** (feet)*	Corrected Groundwater Elevation ***	LPH Thickness (feet)	TPH-g [1] µg/l (ppb)	Benzene [2] µg/l (ppb)	Toluene [2] µg/l (ppb)	Ethyl-benzene [2] µg/l (ppb)	Total Xylenes [2] µg/l (ppb)	MTBE [3] µg/l (ppb)	MTBE [4] µg/L (ppb)	DIPE [4] µg/L (ppb)	ETBE [4] µg/L (ppb)	TAME [4] µg/L (ppb)	TBA [4] µg/L (ppb)
MW-3	4/26/99	50.39	47.78	17.62	--	<500	<0.50	<0.50	<0.50	<1.5	<10	--	--	--	--	--
continued	9/24/99	50.58	47.59	17.43	--	<500	<0.50	<0.50	<0.50	<1.5	<10	--	--	--	--	--
	12/3/99	50.47	47.70	17.54	--	<500	<0.50	<0.50	<0.50	<1.5	<10	--	--	--	--	--
	3/31/00	50.44	47.73	17.57	--	<500	<0.50	<0.50	<0.50	<1.5	<1.0	--	--	--	--	--
	6/14/00	50.47	47.70	17.54	--	<500	<0.50	<0.50	<0.50	<1.5	<1.0	--	--	--	--	--
	9/15/00	50.55	47.62	17.46	--	<500	<0.50	<0.50	<0.50	<1.5	<1.0	--	--	--	--	--
	11/15/00	50.52	47.65	17.49	--	<500	<0.50	<0.50	<0.50	<1.5	<1.0	--	--	--	--	--
	3/30/01	50.32	47.85	17.69	--	<500	<0.50	<0.50	<0.50	<1.5	1.4	--	--	--	--	--
	6/14/01	50.23	47.94	17.78	--	<500	<0.50	<0.50	<0.50	<1.5	--	3.5	<5.0	<5.0	<5.0	<50
	8/20/01	50.21	47.96	17.80	--	--	--	--	--	--	--	--	--	--	--	--
	12/10/01	50.22	47.95	17.79	--	<500	<0.50	<0.50	<0.50	<1.5	--	5.9	<2.0	<2.0	<2.0	<25
	1/23/02	50.16	48.01	17.85	--	--	--	--	--	--	--	--	--	--	--	--
	4/12/02	50.11	48.06	17.90	--	<500	<0.50	<0.50	<0.50	<1.5	--	9.6	<2.0	<2.0	<2.0	<25
68.01	7/11/02	50.13	17.88	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/16/02	50.11	17.90	--	--	<500	<0.50	<0.50	<0.50	<1.5	--	19	<2.0	<2.0	<2.0	<25
	1/10/03	50.04	17.97	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/28/03	50.00	18.01	--	--	<500	<0.50	0.51	<0.50	<1.5	--	26	<2.0	<2.0	<2.0	<25
	8/11/03	50.15	17.86	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/25/03	50.17	17.84	--	--	<500	<0.50	<0.50	<0.50	<1.5	--	16	<5.0	<5.0	<5.0	<25
	02/05/04	50.34	17.67	--	--	<500	<0.50	<0.50	<0.50	<1.5	--	8.2	<5.0	<5.0	<5.0	<25
	5/10/04	50.25	17.76	--	--	<100	<0.50	<0.50	<0.50	<1.5	--	29	<5.0	<5.0	<5.0	<25
	8/11/04	50.33	17.68	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/5/04	50.34	17.67	--	--	<100	<0.50	<0.50	<0.50	<1.5	--	16	<5.0	<5.0	<5.0	<25
MW-4	5/16/97	52.19	47.81	17.66	--	ND	ND	ND	ND	ND	--	--	--	--	--	--
100.00	9/29/97	52.37	47.63	17.48	--	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	11/12/97	52.36	47.64	17.49	--	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	1/22/98	52.42	47.58	17.43	--	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	4/8/98	52.18	47.82	17.67	--	ND	0.74	ND	ND	ND	ND	--	--	--	--	--
	8/27/98	52.32	47.68	17.53	--	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	10/13/98	51.98	48.02	17.87	--	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	1/25/99	51.97	48.03	17.88	--	ND	ND	0.56	ND	ND	ND	--	--	--	--	--
	2/19/99	51.94	48.06	17.91	--	<500	<0.50	<0.50	<0.50	<1.5	<10	--	--	--	--	--
	4/26/99	51.89	48.11	17.96	--	<500	<0.50	<0.50	<0.50	<1.5	<10	--	--	--	--	--
	9/24/99	52.01	47.99	17.84	--	<500	<0.50	<0.50	<0.50	<1.5	<10	--	--	--	--	--
	12/3/99	51.93	48.07	17.92	--	<500	<0.50	<0.50	<0.50	<1.5	<10	--	--	--	--	--
	3/31/00	51.92	48.08	17.93	--	<500	<0.50	<0.50	<0.50	<1.5	<1.0	--	--	--	--	--
	6/14/00	51.93	48.07	17.92	--	<500	<0.50	<0.50	<0.50	<1.5	<1.0	--	--	--	--	--
	9/15/00	52.01	47.99	17.84	--	<500	<0.50	<0.50	<0.50	<1.5	<1.0	--	--	--	--	--

Table 3
Historic Groundwater Levels and Chemical Analysis Results
Former Chevron Station 9-1834, 4175 Voltaire Street, San Diego, California

Well No. and Elevation (feet)*	Date	DTW (feet)	Groundwater Elevation** (feet)*	Corrected Groundwater Elevation ***	LPH Thickness (feet)	TPH-g [1] µg/l (ppb)	Benzene [2] µg/l (ppb)	Toluene [2] µg/l (ppb)	Ethyl-benzene [2] µg/l (ppb)	Total Xylenes [2] µg/l (ppb)	MTBE [3] µg/l (ppb)	MTBE [4] µg/L (ppb)	DIPE [4] µg/L (ppb)	ETBE [4] µg/L (ppb)	TAME [4] µg/L (ppb)	TBA [4] µg/L (ppb)
MW-4	11/15/00	52.04	47.96	17.81	--	<500	<0.50	<0.50	<0.50	<1.5	<1.0	--	--	--	--	--
continued	3/30/01	51.79	48.21	18.06	--	<500	<0.50	<0.50	<0.50	<1.5	<1.0	--	--	--	--	--
	6/14/01	51.73	48.27	18.12	--	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<50
	8/20/01	51.71	48.29	18.14	--	--	--	--	--	--	--	--	--	--	--	--
	12/10/01	51.61	48.39	18.24	--	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<2.0	<2.0	<2.0	<25
	1/23/02	51.71	48.29	18.14	--	--	--	--	--	--	--	--	--	--	--	--
	4/12/02	51.63	48.37	18.22	--	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<2.0	<2.0	<2.0	<25
69.85	7/11/02	51.66	18.19	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/16/02	51.59	18.26	--	--	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<2.0	<2.0	<2.0	<25
	1/10/03	51.58	18.27	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/28/03	51.55	18.30	--	--	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<2.0	<2.0	<2.0	<25
	8/11/03	51.62	18.23	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/25/03	51.61	18.24	--	--	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25
	02/05/04	51.80	18.05	--	--	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25
	5/10/04	51.76	18.09	--	--	<100	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25
	8/11/04	51.84	18.01	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/5/04	51.85	18.00	--	--	<100	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25
MW-5	5/16/97	50.25	47.29	17.12	--	ND	0.94	ND	ND	1.5	--	--	--	--	--	--
97.54	9/29/97	50.44	47.10	16.93	--	700	17	8.7	7.2	23	ND	--	--	--	--	--
	11/12/97	50.43	47.11	16.94	--	610	7.0	1.1	4.0	9.6	ND	--	--	--	--	--
	1/22/98	50.47	47.07	16.90	--	540	6.1	2.2	4.4	4.6	ND	--	--	--	--	--
	4/8/98	50.25	47.29	17.12	--	ND	6.5	1.0	0.77	2.9	ND	--	--	--	--	--
	8/27/98	50.39	47.15	16.98	--	1100	31	6.6	9.8	20	34	--	--	--	--	--
	10/13/98	50.08	47.46	17.29	--	810	11	1.9	0.83	5.3	ND	--	--	--	--	--
	1/25/99	50.05	47.49	17.32	--	570	4.5	0.71	2.1	9.0	ND	--	--	--	--	--
	2/19/99	50.08	47.46	17.29	--	<500	5.1	2.1	<0.50	5.6	<10	--	--	--	--	--
	4/26/99	50.01	47.53	17.36	--	<500	11	1.4	5.0	9.8	25	--	--	--	--	--
	9/24/99	50.14	47.40	17.23	--	590	11	2.4	<0.50	8.9	<10	--	--	--	--	--
	12/3/99	50.09	47.45	17.28	--	<500	6.8	2.0	1.9	7.6	<10	--	--	--	--	--
	3/31/00	50.07	47.47	17.30	--	<500	4.6	<0.50	1.4	4.6	1.7	--	--	--	--	--
	6/14/00	50.08	47.46	17.29	--	<500	6.4	0.84	3.0	10	1.7	--	--	--	--	--
	9/15/00	50.16	47.38	17.21	--	<500	6.6	1.7	2.8	13	--	<1.0	14	<5.0	<5.0	67
	11/15/00	50.26	47.28	17.11	--	510	13	3.0	1.9	7.6	--	<1.0	9.4	<5.0	<5.0	63
	3/30/01	49.93	47.61	17.44	--	<500	9.6	2.6	2.2	11	--	<1.0	13	<5.0	<5.0	90
	6/14/01	49.85	47.69	17.52	--	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	5.9	<5.0	<5.0	<50
	8/20/01	49.83	47.71	17.54	--	--	--	--	--	--	--	--	--	--	--	--
	12/10/01	49.74	47.80	17.63	--	<500	2.5	0.58	0.51	2.1	--	<1.0	5.3	<2.0	<2.0	38

Table 3
Historic Groundwater Levels and Chemical Analysis Results
Former Chevron Station 9-1834, 4175 Voltaire Street, San Diego, California

Well No. and Elevation (feet)*	Date	DTW (feet)	Groundwater Elevation** (feet)*	Corrected Groundwater Elevation ***	LPH Thickness (feet)	TPH-g [1] µg/l (ppb)	Benzene [2] µg/l (ppb)	Toluene [2] µg/l (ppb)	Ethyl-benzene [2] µg/l (ppb)	Total Xylenes [2] µg/l (ppb)	MTBE [3] µg/l (ppb)	MTBE [4] µg/L (ppb)	DIPE [4] µg/L (ppb)	ETBE [4] µg/L (ppb)	TAME [4] µg/L (ppb)	TBA [4] µg/L (ppb)
MW-5	1/23/02	49.85	47.69	17.52	--	--	--	--	--	--	--	--	--	--	--	--
continued	4/12/02	49.74	47.80	17.63	--	<500	1.5	<0.50	<0.50	<1.5	--	2.6	3.5	<2.0	<2.0	32
67.37	7/11/02	49.77	17.60	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/16/02	49.74	17.63	--	--	<500	5.3	1.2	1.4	3.9	--	11	4.7	<2.0	<2.0	33
	1/10/03	49.71	17.66	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/28/03	49.70	17.67	--	--	<500	0.75	<0.50	<0.50	<1.5	--	25	6.1	<2.0	<2.0	29
	8/11/03	50.10	17.27	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/25/03	49.72	17.65	--	--	<500	<0.50	<0.50	<0.50	<1.5	--	18	<5.0	<5.0	<5.0	30
	02/05/04	49.95	17.42	--	--	<500	<0.50	<0.50	<0.50	<1.5	--	17	<5.0	<5.0	<5.0	30
	5/10/04	49.88	17.49	--	--	220	<0.50	<0.50	<0.50	<1.5	--	18	5.5	<5.0	<5.0	37
	8/11/04	49.94	17.43	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/5/04	49.92	17.45	--	--	<100	<0.50	<0.50	<0.50	<1.5	--	7.5	<5.0	<5.0	<5.0	<25
MW-6	5/16/97	51.18	47.55	17.38	--	ND	0.70	ND	ND	ND	--	--	--	--	--	--
98.73	9/29/97	51.48	47.25	17.08	--	ND	1.6	ND	ND	ND	ND	--	--	--	--	--
	11/12/97	51.47	47.26	17.09	--	ND	5.5	ND	2.1	4.8	ND	--	--	--	--	--
	1/22/98	51.49	47.24	17.07	--	1200	240	ND	ND	8.0	ND	--	--	--	--	--
	4/8/98	51.30	47.43	17.26	--	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	8/27/98	51.47	47.26	17.09	--	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	10/13/98	51.14	47.59	17.42	--	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	1/25/99	51.04	47.69	17.52	--	ND	ND	1.6	ND	ND	ND	--	--	--	--	--
	2/19/99	51.04	47.69	17.52	--	<500	0.56	10	<0.50	<1.5	<10	--	--	--	--	--
	4/26/99	50.98	47.75	17.58	--	<500	0.52	1.0	<0.50	<1.5	<10	--	--	--	--	--
	9/24/99	51.14	47.59	17.42	--	<500	0.83	<0.50	<0.50	<1.5	<10	--	--	--	--	--
	12/3/99	51.11	47.62	17.45	--	<500	0.66	0.69	<0.50	<1.5	<10	--	--	--	--	--
	3/31/00	51.04	47.69	17.52	--	<500	0.65	<0.50	<0.50	<1.5	2.4	--	--	--	--	--
	6/14/00	51.05	47.68	17.51	--	<500	0.86	0.89	<0.50	<1.5	2.5	--	--	--	--	--
	9/15/00	51.09	47.64	17.47	--	<500	1.2	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<50
	11/15/00	51.18	47.55	17.38	--	<500	0.70	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<50
	3/30/01	50.88	47.85	17.68	--	<500	1.4	<0.50	3.0	<1.5	--	<1.0	<5.0	<5.0	<5.0	<50
	6/14/01	50.85	47.88	17.71	--	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<50
	8/20/01	50.77	47.96	17.79	--	--	--	--	--	--	--	--	--	--	--	--
	12/10/01	50.70	48.03	17.86	--	<500	0.84	<0.50	<0.50	<1.5	--	<1.0	<2.0	<2.0	<2.0	<25
	1/23/02	50.79	47.94	17.77	--	--	--	--	--	--	--	--	--	--	--	--
	4/12/02	50.70	48.03	17.86	--	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<2.0	<2.0	<2.0	<25
68.56	7/11/02	50.70	17.86	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/16/02	50.71	17.85	--	--	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<2.0	<2.0	<2.0	<25
	1/10/03	50.63	17.93	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/28/03	50.60	17.96	--	--	<500	<0.50	1.10	<0.50	1.5	--	<1.0	<2.0	<2.0	<2.0	<25

Table 3
Historic Groundwater Levels and Chemical Analysis Results
Former Chevron Station 9-1834, 4175 Voltaire Street, San Diego, California

Well No. and Elevation (feet)*	Date	DTW (feet)	Groundwater Elevation** (feet)*	Corrected Groundwater Elevation ***	LPH Thickness (feet)	TPH-g [1] µg/l (ppb)	Benzene [2] µg/l (ppb)	Toluene [2] µg/l (ppb)	Ethyl-benzene [2] µg/l (ppb)	Total Xylenes [2] µg/l (ppb)	MTBE [3] µg/l (ppb)	MTBE [4] µg/L (ppb)	DIPE [4] µg/L (ppb)	ETBE [4] µg/L (ppb)	TAME [4] µg/L (ppb)	TBA [4] µg/L (ppb)
MW-6	8/11/03	50.60	17.96	--	--	--	--	--	--	--	--	--	--	--	--	--
continued	11/25/03	50.81	17.75	--	--	<500	<0.50	<0.50	0.77	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25
	02/05/04	50.96	17.60	--	--	<500	1.1	<0.50	4.4	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25
	5/10/04	50.84	17.72	--	--	<100	2.2	<0.50	3.8	<1.5	--	1.4	<5.0	<5.0	<5.0	<25
	8/11/04	50.91	17.65	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/5/04	50.82	17.74	--	--	<100	<0.50	0.54	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25
MW-7	5/16/97	50.94	47.74	17.58	--	2100	1000	ND	77	190	--	--	--	--	--	--
98.68	9/29/97	51.11	47.57	17.41	--	3700	1800	16	120	140	ND	--	--	--	--	--
	11/12/97	51.19	47.49	17.33	--	5500	1900	ND	160	170	11	--	--	--	--	--
	1/22/98	51.23	47.45	17.29	--	6400	2900	41	170	110	ND	--	--	--	--	--
	4/8/98	51.01	47.67	17.51	--	7400	2400	24	140	82	ND	--	--	--	--	--
	8/27/98	51.13	47.55	17.39	--	4100	1200	17	110	46	ND	--	--	--	--	--
	10/13/98	50.85	47.83	17.67	--	1800	750	ND	30	33	ND	--	--	--	--	--
	1/25/99	50.83	47.85	17.69	--	2200	680	21	72	57	ND	--	--	--	--	--
	2/19/99	50.74	47.94	17.78	--	3100	1100	18	58	25	<400	--	--	--	--	--
	4/26/99	50.69	47.99	17.83	--	5700	1500	26	68	55	<400	--	--	--	--	--
	9/24/99	50.88	47.80	17.64	--	2900	1100	<12	51	32	<400	--	--	--	--	--
	12/3/99	50.76	47.92	17.76	--	2400	760	16	46	22	13	--	--	--	--	--
	3/31/00	50.72	47.96	17.80	--	2500	890	<10	36	<30	53	--	--	--	--	--
	6/14/00	50.75	47.93	17.77	--	1700	720	<10	23	<30	33	--	--	--	--	--
	9/15/00	50.87	47.81	17.65	--	1500	470	11	24	41	--	<2.0	10	<10	<10	110
	11/15/00	50.90	47.78	17.62	--	1300	470	7.5	19	23	--	<1.0	8.1	<5.0	<5.0	110
	3/30/01	50.59	48.09	17.93	--	1300	310	<5.0	8.2	<15	--	<1.0	6.1	<5.0	<5.0	88
	6/14/01	50.55	48.13	17.97	--	1100	360	<5.0	7.0	<15	--	<1.0	<5.0	<5.0	<5.0	65
	8/20/01	50.48	48.20	18.04	--	570	160	<2.5	42	12	--	3.3	2.4	<2.0	<2.0	41
	12/10/01	50.41	48.27	18.11	--	970	130	2.2	120	<6.0	--	<1.0	3.8	<2.0	<2.0	62
	1/23/02	50.50	48.18	18.02	--	950	72	<5.0	130	<15	--	<1.0	2.7	<2.0	<2.0	52
	4/12/02	50.39	48.29	18.13	--	900	68	<5.0	140	<15	--	<1.0	2.5	<2.0	<2.0	47
68.52	7/11/02	50.40	18.12	--	--	850	150	<2.5	120	9.4	--	1.6	3.5	<2.0	<2.0	52
	10/16/02	50.42	18.10	--	--	830	180	<5.0	86	<15	--	3.0	2.9	<2.0	<2.0	52
	1/10/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/28/03	51.50	17.02	--	--	<500	14	2.1	13	2.1	--	1.4	<2.0	<2.0	<2.0	<25
	8/11/03	51.60	16.92	--	--	<500	39	1.3	26	4.4	--	1.2	<2.0	<2.0	<2.0	<25
	11/25/03	51.62	16.90	--	--	<500	51	1.4	9.6	3.9	--	1.8	<5.0	<5.0	<5.0	65
	02/05/04	51.76	16.76	--	--	<500	47	1.4	3.4	5.8	--	2.0	<5.0	<5.0	<5.0	86
	5/10/04	51.68	16.84	--	--	870	350	10	27	63	--	4.7	<20	<20	<20	<100
	8/11/04	51.75	16.77	--	--	1400	280	8.6	53	42	--	<4.0	<20	<20	<20	<100
	11/5/04	51.63	16.89	--	--	770	160	3.9	32	19	--	6.3	<10	<10	<10	<50
MW-8	5/16/97	52.38	48.24	18.12	--	ND	0.81	ND	ND	ND	--	--	--	--	--	--
100.62	9/29/97	52.79	47.83	17.71	--	510	43	ND	18	3.9	24	--	--	--	--	--

Table 3
Historic Groundwater Levels and Chemical Analysis Results
Former Chevron Station 9-1834, 4175 Voltaire Street, San Diego, California

Well No. and Elevation (feet)*	Date	DTW (feet)	Groundwater Elevation** (feet)*	Corrected Groundwater Elevation ***	LPH Thickness (feet)	TPH-g [1] µg/l (ppb)	Benzene [2] µg/l (ppb)	Toluene [2] µg/l (ppb)	Ethyl-benzene [2] µg/l (ppb)	Total Xylenes [2] µg/l (ppb)	MTBE [3] µg/l (ppb)	MTBE [4] µg/L (ppb)	DIPE [4] µg/L (ppb)	ETBE [4] µg/L (ppb)	TAME [4] µg/L (ppb)	TBA [4] µg/L (ppb)
MW-8	11/12/97	52.78	47.84	17.72	--	ND	37	0.80	11	1.7	ND	--	--	--	--	--
continued	1/22/98	52.81	47.81	17.69	--	270	15	0.50	3.0	ND	10	--	--	--	--	--
	4/8/98	52.61	48.01	17.89	--	600	30	0.60	6.8	ND	33	--	--	--	--	--
	8/27/98	52.76	47.86	17.74	--	ND	17	ND	3.0	ND	54	--	--	--	--	--
	10/13/98	52.44	48.18	18.06	--	ND	9.8	ND	1.5	ND	23	--	--	--	--	--
	1/25/99	52.41	48.21	18.09	--	ND	8.7	ND	1.4	ND	46	--	--	--	--	--
	2/19/99	52.33	48.29	18.17	--	<500	16	40	4.1	20	26	--	--	--	--	--
	4/26/99	52.29	48.33	18.21	--	<500	1.4	3.4	<0.50	<1.5	33	--	--	--	--	--
	9/24/99	52.42	48.20	18.08	--	<500	3.3	<0.50	<0.50	<1.5	70	--	--	--	--	--
	12/3/99	52.39	48.23	18.11	--	<500	2.7	1.6	2.6	<1.5	31	--	--	--	--	--
	3/31/00	52.33	48.29	18.17	--	<500	2.4	<0.50	0.58	3.3	160	--	--	--	--	--
	6/14/00	52.33	48.29	18.17	--	<500	<0.50	<0.50	<0.50	<1.5	50	--	--	--	--	--
	9/15/00	52.38	48.24	18.12	--	<500	2.4	<0.50	<0.50	2.3	--	130	<5.0	<5.0	<5.0	77
	11/15/00	52.48	48.14	18.02	--	<500	1.4	0.58	<0.50	<1.5	--	200	<5.0	<5.0	<5.0	100
	3/30/01	52.19	48.43	18.31	--	<500	0.61	<0.50	<0.50	<1.5	--	160	<5.0	<5.0	<5.0	98
	6/14/01	52.16	48.46	18.34	--	<500	0.68	<0.50	<0.50	1.5	--	250	<5.0	<5.0	<5.0	51
	8/20/01	52.09	48.53	18.41	--	--	--	--	--	--	--	--	--	--	--	--
	12/10/01	52.01	48.61	18.49	--	<500	<0.50	<0.50	<0.50	<1.5	--	73	<2.0	<2.0	<2.0	<25
	1/23/02	52.10	48.52	18.40	--	--	--	--	--	--	--	--	--	--	--	--
	4/12/02	52.12	48.50	18.38	--	<500	<0.50	<0.50	<0.50	<1.5	--	120	<2.0	<2.0	<2.0	49
70.50	7/11/02	52.02	18.48	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/16/02	51.99	18.51	--	--	<500	<0.50	<0.50	<0.50	<1.5	--	38	<2.0	<2.0	<2.0	35
	1/10/03	51.91	18.59	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/28/03	51.85	18.65	--	--	<500	<0.50	<0.50	<0.50	<1.5	--	30	<2.0	<2.0	<2.0	<25
	8/11/03	52.00	18.50	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/25/03	52.15	18.35	--	--	<500	<0.50	<0.50	<0.50	<1.5	--	16	<5.0	<5.0	<5.0	<25
	02/05/04	52.26	18.24	--	--	<500	<0.50	<0.50	<0.50	<1.5	--	12	<5.0	<5.0	<5.0	<25
	5/10/04	52.18	18.32	--	--	<100	<0.50	<0.50	<0.50	<1.5	--	13	<5.0	<5.0	<5.0	<25
	8/11/04	52.22	18.28	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/5/04	52.14	18.36	--	--	<100	<0.50	<0.50	<0.50	<1.5	--	6.5	<5.0	<5.0	<5.0	<25
MW-9	5/16/97	51.60	47.95	17.77	--	8000	380	2600	260	1900	--	--	--	--	--	--
99.55	9/29/97	51.80	47.75	17.57	--	72000	7300	35000	2600	17000	1400	--	--	--	--	--
	11/12/97	51.79	47.76	17.58	--	63000	4400	17000	1600	10000	ND	--	--	--	--	--
	1/22/98	51.81	47.74	17.56	--	34000	2100	8400	860	5200	ND	--	--	--	--	--
	4/8/98	51.60	47.95	17.77	--	77000	7400	25000	2200	10000	1200	--	--	--	--	--
	8/27/98	51.76	47.79	17.61	--	74000	7500	20000	2600	7900	2500	--	--	--	--	--
	10/13/98	51.45	48.10	17.92	--	30000	2200	8000	860	3400	ND	--	--	--	--	--
	1/25/99	51.39	48.16	17.98	--	80000	5700	28000	3000	13000	ND	--	--	--	--	--

Table 3
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Former Chevron Station 9-1834, 4175 Voltaire Street, San Diego, California

Well No. and Elevation (feet)*	Date	DTW (feet)	Groundwater Elevation** (feet)*	Corrected Groundwater Elevation ***	LPH Thickness (feet)	TPH-g [1] µg/l (ppb)	Benzene [2] µg/l (ppb)	Toluene [2] µg/l (ppb)	Ethyl-benzene [2] µg/l (ppb)	Total Xylenes [2] µg/l (ppb)	MTBE [3] µg/l (ppb)	MTBE [4] µg/L (ppb)	DIPE [4] µg/L (ppb)	ETBE [4] µg/L (ppb)	TAME [4] µg/L (ppb)	TBA [4] µg/L (ppb)
MW-9	2/19/99	51.30	48.25	18.07	--	51000	3300	17000	1700	7700	<1000	--	--	--	--	--
continued	4/26/99	51.27	48.28	18.10	--	43000	2500	13000	1300	5000	1500	--	--	--	--	--
	9/24/99	51.43	48.12	17.94	Sheen	--	--	--	--	--	--	--	--	--	--	--
	12/3/99	51.36	48.19	18.01	Sheen	--	--	--	--	--	--	--	--	--	--	--
	3/31/00	51.31	48.24	18.06	Sheen	--	--	--	--	--	--	--	--	--	--	--
	6/14/00	51.33	48.22	18.04	Sheen	--	--	--	--	--	--	--	--	--	--	--
	9/15/00	51.44	48.11	17.93	Sheen	--	--	--	--	--	--	--	--	--	--	--
	11/15/00	51.44	48.11	17.93	Sheen	--	--	--	--	--	--	--	--	--	--	--
	3/30/01	51.19	48.36	18.18	Sheen	--	--	--	--	--	--	--	--	--	--	--
	6/14/01	51.16	48.40	18.21	0.01	--	--	--	--	--	--	--	--	--	--	--
	8/20/01	51.08	48.47	18.29	Sheen	75000	2900	18000	3200	22000	--	180	<200	<200	<200	<2500
	12/10/01	51.00	48.55	18.37	Sheen	--	--	--	--	--	--	--	--	--	--	--
	1/23/02	51.11	48.44	18.26	Sheen	--	--	--	--	--	--	--	--	--	--	--
	4/12/02	51.01	48.54	18.36	Sheen	--	--	--	--	--	--	--	--	--	--	--
69.37	7/11/02	51.01	18.36	--	Sheen	--	--	--	--	--	--	--	--	--	--	--
	10/16/02	50.98	18.39	--	Sheen	--	--	--	--	--	--	--	--	--	--	--
	1/10/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/28/03	52.01	17.36	--	--	20000	760	2100	1300	6700	--	140	<40	<40	<40	<500
	8/11/03	52.10	17.27	--	Sheen	--	--	--	--	--	--	--	--	--	--	--
	11/25/03	52.18	17.19	--	--	47000	1400	5900	2600	13000	--	220	<200	<200	<200	<1000
	02/05/04	52.46	16.91	--	Sheen	--	--	--	--	--	--	--	--	--	--	--
	5/10/04	52.27	17.10	--	Sheen	--	--	--	--	--	--	--	--	--	--	--
	8/11/04	52.35	17.02	--	Sheen	--	--	--	--	--	--	--	--	--	--	--
	11/5/04	52.34	17.03	--	Sheen	17000	46	<10	1300	1800	--	210	<100	<100	<100	530
MW-10	1/25/99	51.44	46.78	16.63	--	ND	ND	ND	ND	ND	ND	--	--	--	--	--
98.22	4/26/99	51.41	46.81	16.66	--	<500	<0.50	<0.50	<0.50	<1.5	14	--	--	--	--	--
	9/24/99	51.56	46.66	16.51	--	<500	<0.50	<0.50	<0.50	<1.5	<10	--	--	--	--	--
	12/3/99	51.46	46.76	16.61	--	<500	<0.50	<0.50	<0.50	<1.5	<10	--	--	--	--	--
	3/31/00	51.45	46.77	16.62	--	<500	<0.50	<0.50	<0.50	<1.5	<1.0	--	--	--	--	--
	6/14/00	51.43	46.79	16.64	--	<500	<0.50	<0.50	<0.50	<1.5	<1.0	--	--	--	--	--
	9/15/00	51.51	46.71	16.56	--	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<50
	11/15/00	51.54	46.68	16.53	--	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<50
	3/30/01	51.27	46.95	16.80	--	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<50
	6/14/01	51.19	47.03	16.88	--	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<50
	8/20/01	51.18	47.04	16.89	--	--	--	--	--	--	--	--	--	--	--	--
	12/10/01	51.10	47.12	16.97	--	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<2.0	<2.0	<2.0	<25

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Well No. and Elevation (feet)*	Date	DTW (feet)	Groundwater Elevation** (feet)*	Corrected Groundwater Elevation ***	LPH Thickness (feet)	TPH-g [1] µg/l (ppb)	Benzene [2] µg/l (ppb)	Toluene [2] µg/l (ppb)	Ethyl-benzene [2] µg/l (ppb)	Total Xylenes [2] µg/l (ppb)	MTBE [3] µg/l (ppb)	MTBE [4] µg/L (ppb)	DIPE [4] µg/L (ppb)	ETBE [4] µg/L (ppb)	TAME [4] µg/L (ppb)	TBA [4] µg/L (ppb)
MW-10	1/23/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
continued	4/12/02	51.08	47.14	16.99	--	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<2.0	<2.0	<2.0	<25
68.07	7/11/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/16/02	51.04	17.03	--	--	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<2.0	<2.0	<2.0	<25
	1/10/03	51.02	17.05	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/28/03	51.06	17.01	--	--	<500	<0.50	1.2	<0.50	1.8	--	<1.0	<2.0	<2.0	<2.0	<25
	8/11/03	51.07	17.00	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/25/03	51.11	16.96	--	--	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25
	02/05/04	51.30	16.77	--	--	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25
	5/10/04	52.28	15.79	--	--	<100	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25
	8/11/04	51.28	16.79	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/5/04	51.37	16.70	--	--	<100	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25
MW-11	1/25/99	52.60	47.77	17.60	--	ND	ND	ND	ND	ND	ND	--	--	--	--	--
100.37	4/26/99	52.56	47.81	17.64	--	<500	<0.50	<0.50	<0.50	<1.5	<10	--	--	--	--	--
	9/24/99	52.61	47.76	17.59	--	<500	<0.50	<0.50	<0.50	<1.5	<10	--	--	--	--	--
	12/3/99	52.56	47.81	17.64	--	<500	<0.50	<0.50	<0.50	<1.5	<10	--	--	--	--	--
	3/31/00	52.51	47.86	17.69	--	<500	<0.50	<0.50	<0.50	<1.5	<1.0	--	--	--	--	--
	6/14/00	52.51	47.86	17.69	--	<500	<0.50	<0.50	<0.50	<1.5	<1.0	--	--	--	--	--
	9/15/00	52.58	47.79	17.62	--	<500	<0.50	<0.50	<0.50	<1.5	1.2	--	--	--	--	--
	11/15/00	52.62	47.75	17.58	--	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<50
	3/30/01	52.40	47.97	17.80	--	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<50
	6/14/01	52.30	48.07	17.90	--	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<50
	8/20/01	52.28	48.09	17.92	--	--	--	--	--	--	--	--	--	--	--	--
	12/10/01	52.18	48.19	18.02	--	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<2.0	<2.0	<2.0	<25
	1/23/02	52.29	48.08	17.91	--	--	--	--	--	--	--	--	--	--	--	--
	4/12/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
70.20	7/11/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/16/02	52.15	18.05	--	--	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<2.0	<2.0	<2.0	<25
	1/10/03	52.11	18.09	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/28/03	52.10	18.10	--	--	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<2.0	<2.0	<2.0	<25
	8/11/03	52.49	17.71	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/25/03	52.35	17.85	--	--	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25
	02/05/04	52.46	17.74	--	--	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25
	5/10/04	52.34	17.86	--	--	110	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25
	8/11/04	52.41	17.79	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/5/04	52.42	17.78	--	--	<100	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25
MW-12	1/25/99	53.57	48.23	18.08	--	27000	230	1600	1200	8700	ND	--	--	--	--	--
101.80	4/26/99	53.49	48.31	18.16	--	10000	200	280	320	1900	<400	--	--	--	--	--
	9/24/99	53.57	48.23	18.08	--	3900	130	64	220	310	150	--	--	--	--	--
	12/3/99	53.52	48.28	18.13	--	1200	52	34	51	140	60	--	--	--	--	--

Table 3
Historic Groundwater Levels and Chemical Analysis Results
Former Chevron Station 9-1834, 4175 Voltaire Street, San Diego, California

Well No. and Elevation (feet)*	Date	DTW (feet)	Groundwater Elevation** (feet)*	Corrected Groundwater Elevation ***	LPH Thickness (feet)	TPH-g [1] µg/l (ppb)	Benzene [2] µg/l (ppb)	Toluene [2] µg/l (ppb)	Ethyl-benzene [2] µg/l (ppb)	Total Xylenes [2] µg/l (ppb)	MTBE [3] µg/l (ppb)	MTBE [4] µg/L (ppb)	DIPE [4] µg/L (ppb)	ETBE [4] µg/L (ppb)	TAME [4] µg/L (ppb)	TBA [4] µg/L (ppb)
MW-12	3/31/00	53.51	48.29	18.14	--	2500	130	31	140	57	79	--	--	--	--	--
continued	6/14/00	53.51	48.29	18.14	--	770	52	9.7	41	48	21	--	--	--	--	--
	9/15/00	53.57	48.23	18.08	--	520	37	6.2	25	11	--	<1.0	<5.0	<5.0	<5.0	<50
	11/15/00	53.64	48.16	18.01	--	<500	18	4.5	17	11	--	<1.0	<5.0	<5.0	<5.0	<50
	3/30/01	53.38	48.42	18.27	--	<500	28	4.4	24	9.9	--	<1.0	<5.0	<5.0	<5.0	<50
	6/14/01	53.37	48.43	18.28	--	630	12	3.3	5.8	14	--	<1.0	<5.0	<5.0	<5.0	<50
	8/20/01	53.28	48.52	18.37	--	--	--	--	--	--	--	--	--	--	--	--
	12/10/01	53.18	48.62	18.47	--	<500	7.5	2.4	18	14	--	<1.0	<2.0	<2.0	<2.0	<25
	1/23/02	53.27	48.53	18.38	--	--	--	--	--	--	--	--	--	--	--	--
	4/12/02	53.20	48.60	18.45	--	<500	1.0	<0.50	2.0	<1.5	--	<1.0	<2.0	<2.0	<2.0	<25
71.65	7/11/02	53.16	18.49	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/16/02	53.19	18.46	--	--	<500	<0.50	<0.50	1.2	<1.5	--	<1.0	<2.0	<2.0	<2.0	<25
	1/10/03	53.11	18.54	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/28/03	53.10	18.55	--	--	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<2.0	<2.0	<2.0	<25
	8/11/03	53.20	18.45	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/25/03	53.25	18.40	--	--	<500	0.64	<0.50	1.3	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25
	02/05/04	53.35	18.30	--	--	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25
	5/10/04	53.30	18.35	--	--	<100	1.5	<0.50	3.3	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25
	8/11/04	53.34	18.31	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/5/04	53.33	18.32	--	--	<100	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25

Notes: [1] Historically analyzed by EPA method 8015B. Currently analyzed by EPA method 8260B. [2] Historically analyzed by EPA method 8021B. Currently analyzed by EPA method 8260B. [3] Analyzed by EPA method 8021B. [4] Analyzed by EPA Method 8260B.

Definitions: feet* = Feet above mean sea level, ** = Groundwater elevation corrected for LPH if / when present (gasoline density = 0.75 gm/cc), LPH= Liquid Phase Hydrocarbons, Sheen = Discontinuous, non-measurable thickness of LPH, Trace = Continuous, non-measurable thickness of LPH, MTBE = Methyl tert-Butyl Ether, DIPE = Di-isopropyl Ether, ETBE = Ethyl tert-Butyl Ether, TAME = tert-Amyl Methyl Ether, TBA = tert-Butanol, ppb = parts per billion, µg/L = micrograms per liter, -- = Not Measured/Not Sampled, NA = Not Applicable, ND = Not Detected, DTW = Depth to Water, DTP = Depth to Product, TPH = Total Petroleum Hydrocarbons. Monitoring and sampling activities conducted by SECOR after 2/1/03. GEIMS Global ID # T0607302116

Prior to 1st Quarter 1999 sampling event, laboratory results below reporting limits were presented as ND.