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March 7, 2005

Project No. 08CH.51834.05

Mr. Kent Huth
County of San Diego
Department of Environmental Health
Site Assessment and Mitigation Program
P. O. Box 129261
San Diego, CA 92112-9261

Subject: **Notice of Remediation System Shut-Down and Site Closure Evaluation**
Former Chevron Service Station #9-1834
4175 Voltaire Street
San Diego, California 92107
Unauthorized Release # H12455-001

Dear Mr. Huth:

On behalf of Chevron Environmental Management Company (Chevron), SECOR International Incorporated (SECOR) presents this notification that the soil vapor extraction (SVE) remediation system at the subject site (Figures 1 and 2) has been temporarily shut down to allow groundwater conditions at the site to be evaluated for closure. This system shut down is being performed in accordance with our recommendation in the Quarterly Remediation Progress Report for the Fourth Quarter 2004 (SECOR, 2005).

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 and a process flow diagram is presented on Figure 3.

Approximately 6,278 pounds of hydrocarbons have been removed by the AS/SVE since system startup in 2002 (Figure 4). SVE system process hydrocarbon vapor concentrations have reached asymptotically low concentrations. Additionally, based on review of the fourth quarter 2004 groundwater remediation status report, dissolved benzene and methyl tert-butyl ether (MTBE) concentrations in groundwater have decreased to levels near State of California primary drinking water maximum contaminant levels, except for MW-9, MW-7, and MW-1. The plume is stable and decreasing and in a non-beneficial use area. Therefore, it appears that the groundwater remediation goals for the site have been sufficiently met to allow the remediation system to be decommissioned. A groundwater concentration map summarizing results of the November 5, 2004 groundwater monitoring event is presented as Figure 5.

The SVE system was temporarily shutdown on **February 2, 2005** and vapor samples were collected to test vapor rebound effects. Two weeks later on **February 17, 2005**, the system was restarted, vapor samples were collected immediately after startup, and the system was shutdown. As shown in Table 1, SVE system process vapor concentrations only slightly increased from 21 parts per million (ppm) as volatile fuel hydrocarbons (VFH) to 65 ppm (Attachment A).

To evaluate permanent remediation system shut-down and subsequent site closure, SECOR plans to collect groundwater samples from the groundwater monitoring wells approximately one month following SVE system shut-down to evaluate whether dissolved petroleum hydrocarbon concentrations increase (rebound) when the SVE system in no longer operating. The first quarter 2005 groundwater monitoring event occurred **March 3, 2005**. Results of the first quarter 2005 monitoring event, conclusions and recommendations regarding the need for additional operation of the remediation system will be provided in the Semi-Annual Groundwater Remediation Status Report for the First and Second Quarters 2005. Additionally, SECOR plans to submit a corrective action plan (CAP) in the first quarter of 2005 including results from the most recent groundwater sampling event.

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

Sincerely,

SECOR International Incorporated

Kelsi S. Nelson
Project Engineer

Kimberly N. Thompson
Project Manager

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
Figure 5 - Hydrocarbon Constituents, November 5, 2004
Table 1 – Summary of SVE System Hydrocarbon Mass Removal
Attachment A – Certified Analytical Reports

cc: Mr. Eric Roehl, Chevron Environmental Management Company

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

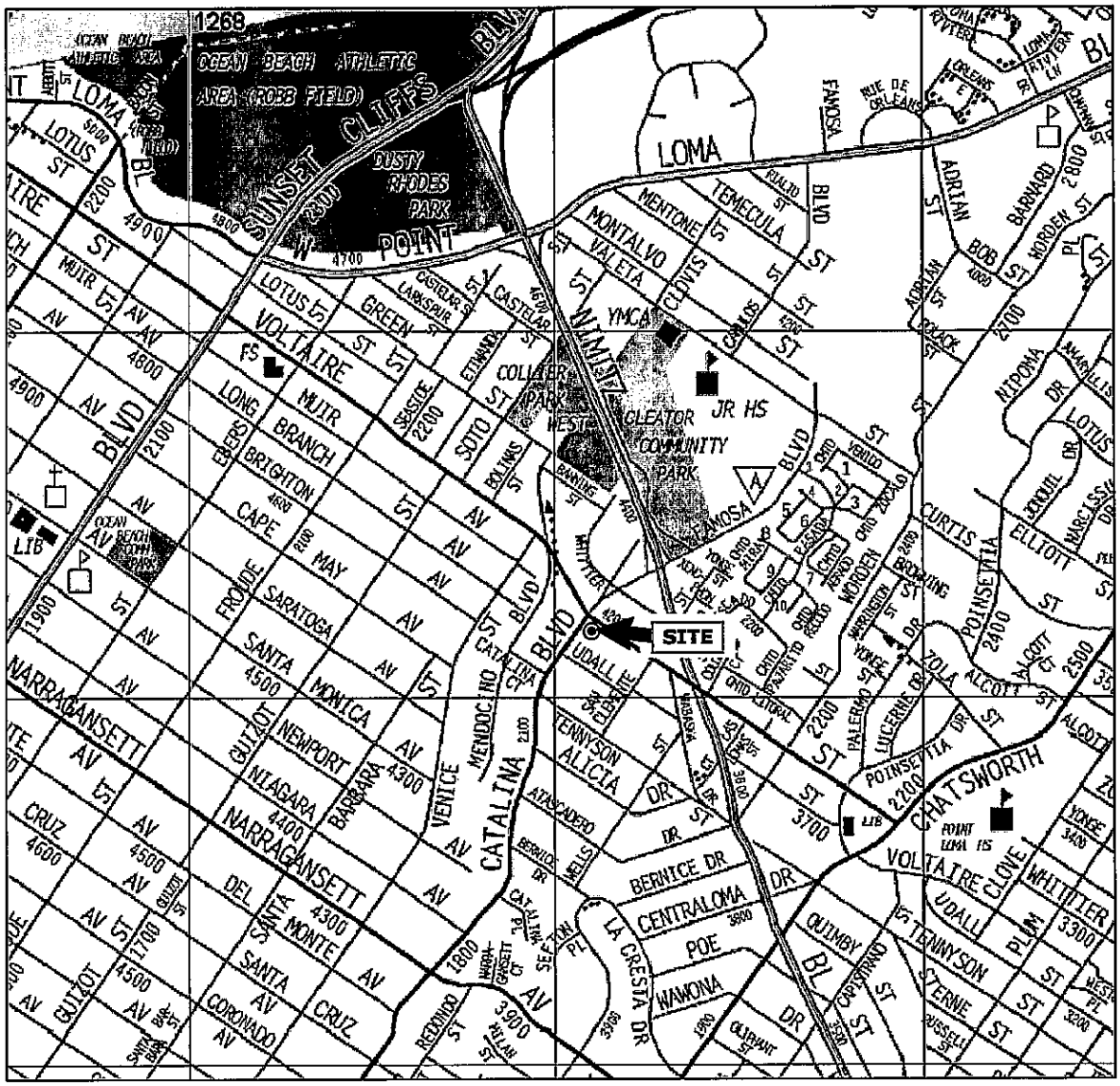
Alton Geoscience, Soil Vapor Extraction Testing, Chevron Station 9-1834, 4175 Voltaire Street, San Diego, California: Report prepared for Chevron U.S.A. Products Company dated July 25, 1997

SECOR International Incorporated, 2005, Quarterly Remediation Status Report Fourth Quarter 2004, Former Chevron Station 9-1834, 4175 Voltaire Street, San Diego, California, February 9, 2005.

SECOR International Incorporated, 2005, Semi-Annual Groundwater Monitoring Report for Third and Fourth Quarters 2004 Former Chevron Station 9-1834, 4175 Voltaire Street, San Diego, California, February 16, 2005.

TRC Alton Geoscience, MTS Mobile Treatment System informational brochure

FIGURES



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

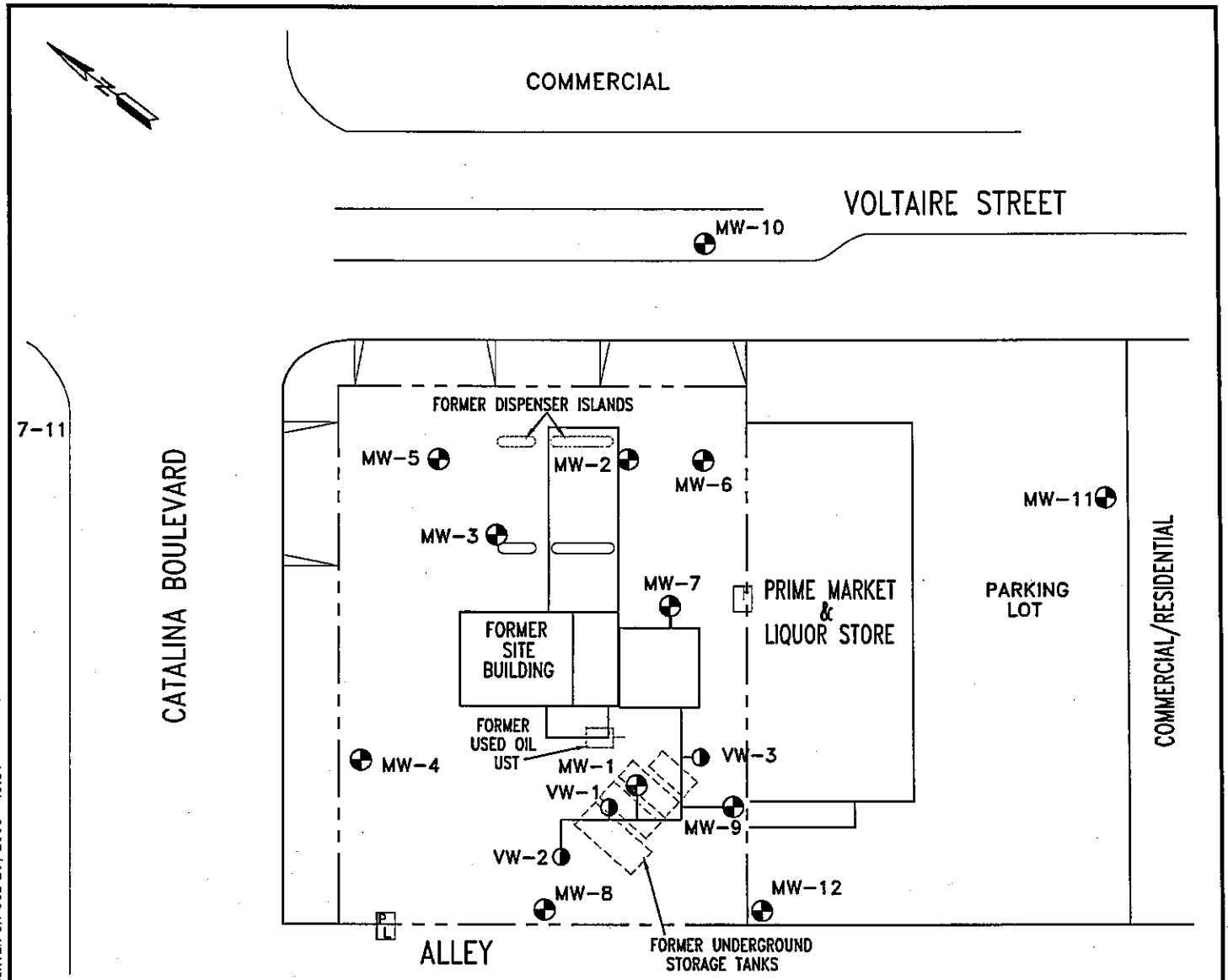
NORTH

0 1320 2640

APPROXIMATE SCALE IN FEET

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 2003\9-1834-2K3\91834SLOC6-03.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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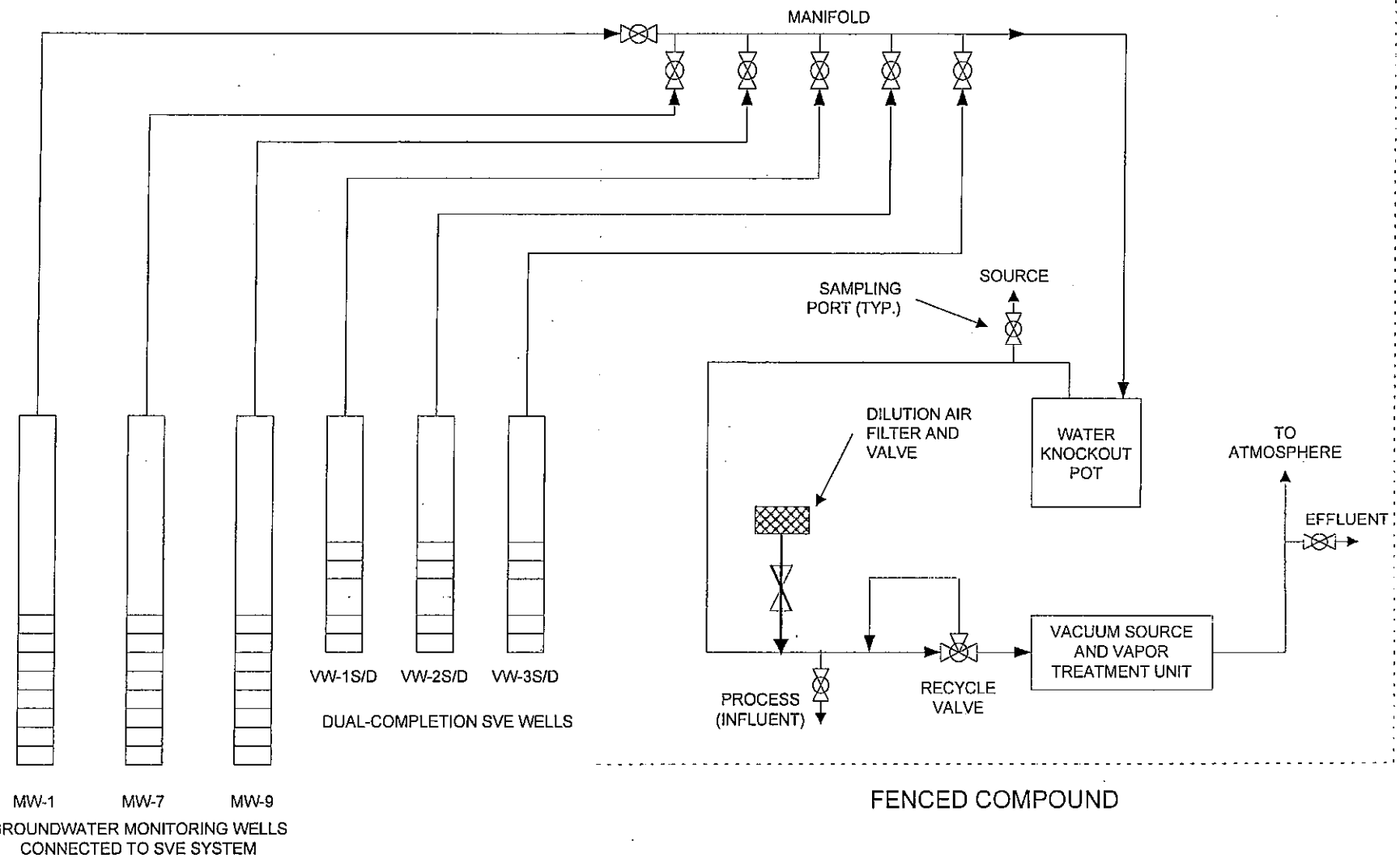

SECOR
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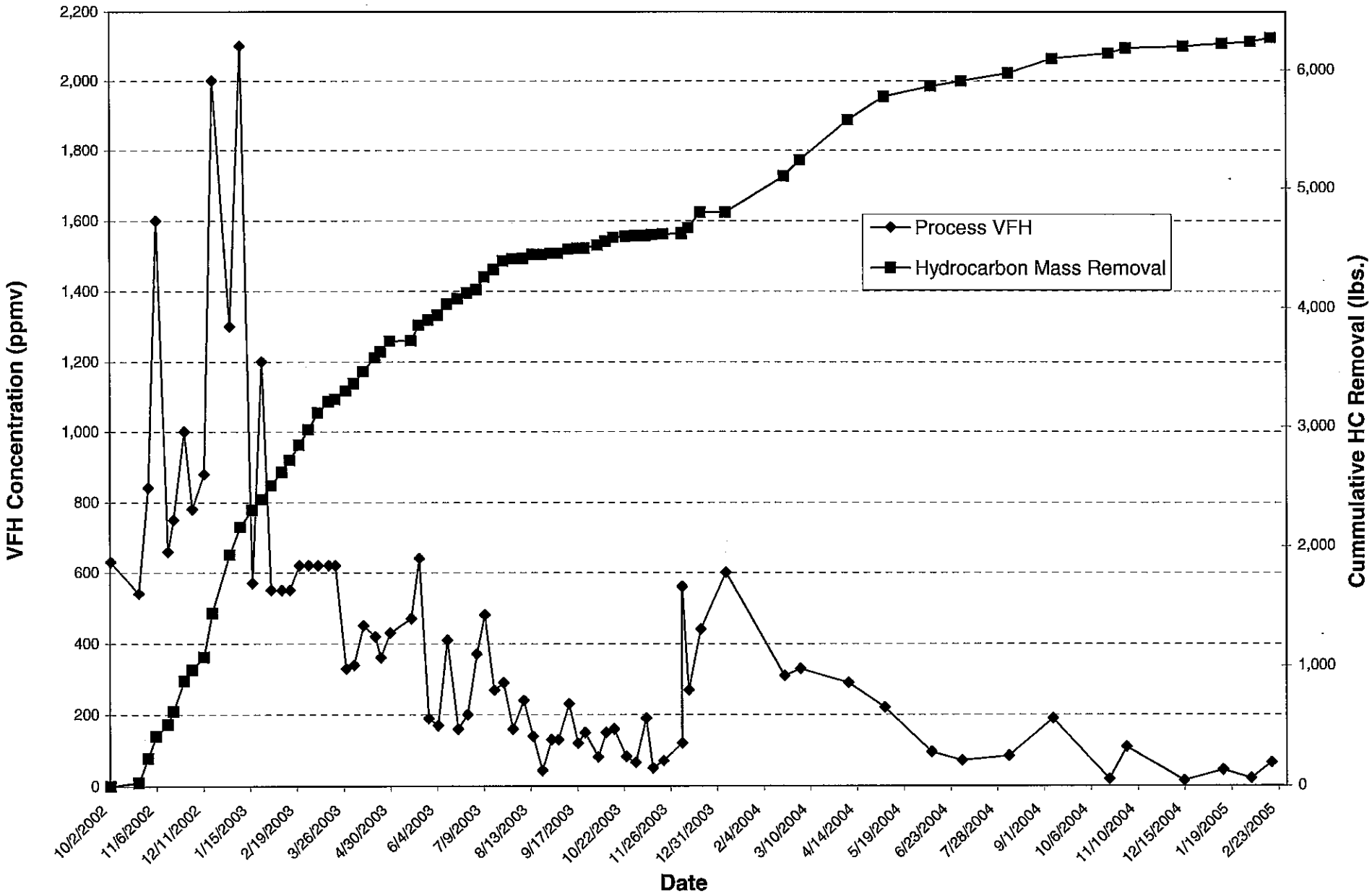
2655 CAMINO DEL RIO N., SUITE 302
SAN DIEGO, CA 92018

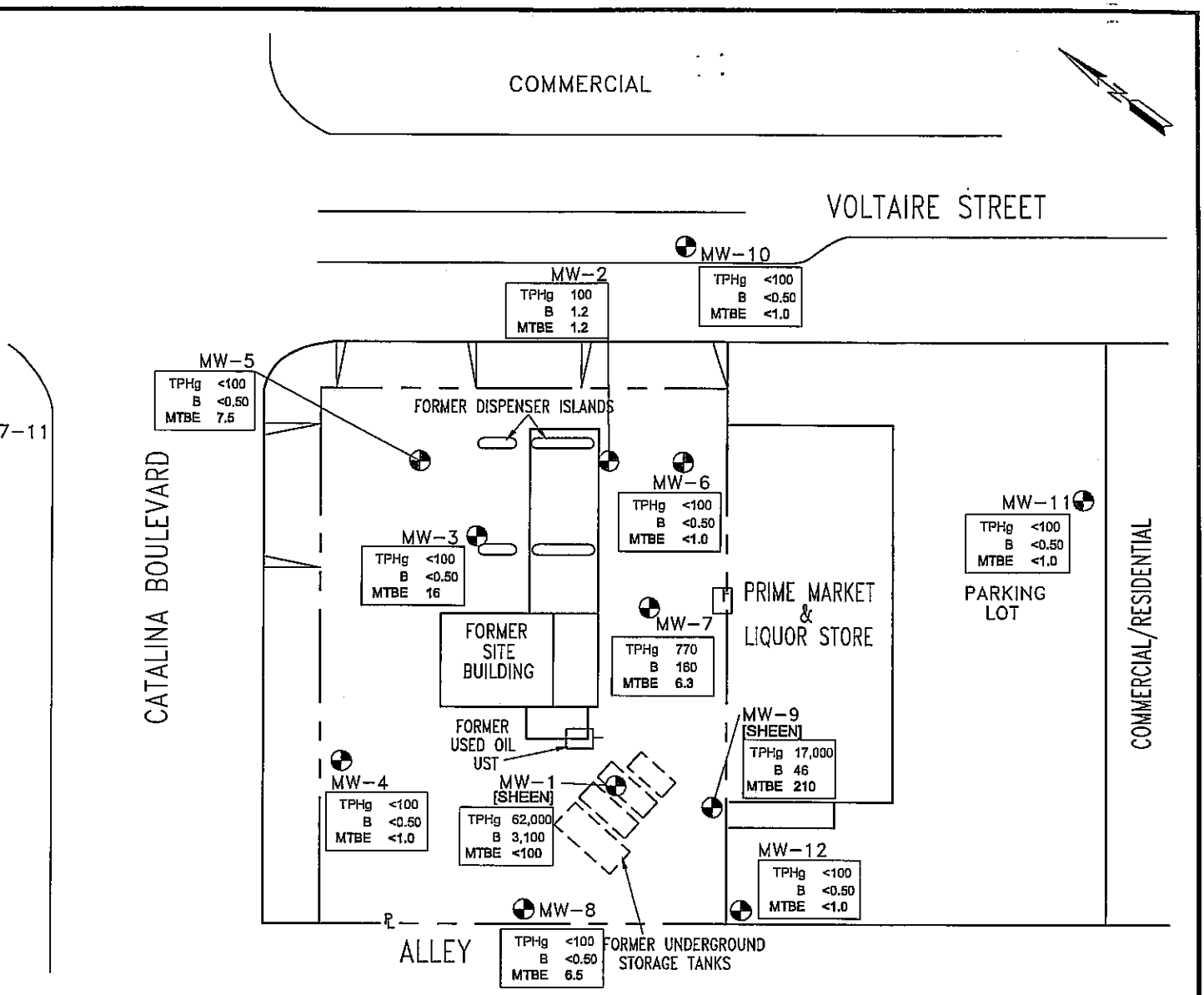
FORMER CHEVRON PRODUCT STATION 9-1834
4175 Voltaire Street
San Diego, California

PROCESS FLOW DIAGRAM - SOIL VAPOR EXTRACTION SYSTEM

FIGURE: 3
PROJECT: 08CH.51834

FIGURE 4
SVE System Performance
Former Chevron # 9-1834
4175 Voltaire Street, San Diego, CA





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**

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TABLE

TABLE 1
Summary of SVE System Hydrocarbon Mass Removal
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	
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.

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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	
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	

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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).
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	

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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)	Process VFH (ppmv)	Process Benzene (ppmv)	Cumul. VFH Removed (lbs.)	Cumul. Benzene Removed (lbs.)	Comments
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.
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	

TABLE 1
Summary of SVE System Hydrocarbon Mass Removal
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-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	
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.

TABLE 1
Summary of SVE System Hydrocarbon Mass Removal
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-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.
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.

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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)	Process VFH (ppmv)	Process Benzene (ppmv)	Cumul. VFH Removed (lbs.)	Cumul. Benzene Removed (lbs.)	Comments
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	115%	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	103%	90			6,205	31.4	Shut unit off for the holidays.
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	01/03/05 10:00	14971	13026	0%	90			6,205	31.4	Turned unit on (off for the holidays).
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	01/12/05 09:00	15162	13217	89%	90	44	<1.6	6,227	31.4	Took monthly samples.
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	01/17/05 08:30	15302	13357	100%	95			6,227	31.4	Performed system optimization
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	01/28/05 10:00	15569	13624	100%	90			6,227	31.4	
VW-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	02/02/05 09:00	15687	13742	99%	90	21	<1.6	6,243	31.4	Took samples and checked MW-1 and MW-9 wicks, then shut off the system. Will return in two weeks to check for vapor rebound.

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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-1S, VW-1D,VW-2S, VW-2D, VW-3S, VW-3D, MW-1, MW-7, MW-9	02/17/05 06:00	15687	13742	0%	90	65	<1.6	6,277	31.4	Turned the system on, took samples right away, turned the system off.

TOTAL LBS. OF HYDROCARBONS REMOVED SINCE INITIAL START UP	6,277
TOTAL LBS. OF BENZENE REMOVED SINCE INITIAL START UP	31
TOTAL HOURS ON-LINE SINCE INITIAL START UP	13742

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

ATTACHMENT A

CERTIFIED ANALYTICAL REPORTS

Del Mar Analytical

17461Derian Ave., Suite 100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
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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: Kelsi Nelson

Project: CVX 9-1834

Sampled: 02/02/05
Received: 02/03/05
Issued: 02/14/05 10:38

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
IOB0308-01	VE-PRO-A-050202	Air
IOB0308-02	VE-EFF-A-050202	Air

Reviewed By:

Wendy Kirkeeng

Del Mar Analytical, Irvine
Wendy Kirkeeng For 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: Kelsi Nelson

Project ID: CVX 9-1834

Report Number: IOB0308

Sampled: 02/02/05
Received: 02/03/05

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: IOB0308-01 (VE-PRO-A-050202 - Air)								
Reporting Units: ppmv								
Volatile Fuel Hydrocarbons (C6-C12)	EPA 8015M/8021M	5B04061	2.4	**21**	1	2/4/2005	2/4/2005	
Benzene	EPA 8015M/8021M	5B04061	1.6	ND	1	2/4/2005	2/4/2005	
Toluene	EPA 8015M/8021M	5B04061	1.3	ND	1	2/4/2005	2/4/2005	
Ethylbenzene	EPA 8015M/8021M	5B04061	1.2	ND	1	2/4/2005	2/4/2005	
Xylenes, Total	EPA 8015M/8021M	5B04061	3.5	ND	1	2/4/2005	2/4/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8015M/8021M	5B04061	1.4	ND	1	2/4/2005	2/4/2005	
Sample ID: IOB0308-02 (VE-EFF-A-050202 - Air)								
Reporting Units: ppmv								
Volatile Fuel Hydrocarbons (C6-C12)	EPA 8015M/8021M	5B04061	2.4	**8.5**	1	2/4/2005	2/4/2005	
Benzene	EPA 8015M/8021M	5B04061	1.6	ND	1	2/4/2005	2/4/2005	
Toluene	EPA 8015M/8021M	5B04061	1.3	ND	1	2/4/2005	2/4/2005	
Ethylbenzene	EPA 8015M/8021M	5B04061	1.2	ND	1	2/4/2005	2/4/2005	
Xylenes, Total	EPA 8015M/8021M	5B04061	3.5	ND	1	2/4/2005	2/4/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8015M/8021M	5B04061	1.4	ND	1	2/4/2005	2/4/2005	

Del Mar Analytical, Irvine
Wendy Kirkeeng For 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: Kelsi Nelson

Project ID: CVX 9-1834

Report Number: IOB0308

Sampled: 02/02/05
Received: 02/03/05

SHORT HOLD TIME DETAIL REPORT

	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
Sample ID: VE-PRO-A-050202 (IOB0308-01) - Air					
EPA 8015M/8021M	3	02/02/2005 10:15	02/03/2005 16:50	02/04/2005 13:49	02/04/2005 13:49
Sample ID: VE-EFF-A-050202 (IOB0308-02) - Air					
EPA 8015M/8021M	3	02/02/2005 10:20	02/03/2005 16:50	02/04/2005 14:03	02/04/2005 14:03

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Wendy Kirkeeng For Kathleen A. Robb
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Report Number: IOB0308

Sampled: 02/02/05
Received: 02/03/05

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: 5B04061 Extracted: 02/04/05										
Blank Analyzed: 02/04/2005 (5B04061-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: 02/04/2005 (5B04061-BS1)										
Benzene	14.6	1.6	ppmv	16.5		88	85-115			
Toluene	14.2	1.3	ppmv	14.0		101	85-115			
Ethylbenzene	11.7	1.2	ppmv	12.2		96	70-125			
Xylenes, Total	38.0	3.5	ppmv	36.6		104	85-120			
Methyl-tert-butyl Ether (MTBE)	12.8	1.4	ppmv	14.9		86	75-125			
LCS Analyzed: 02/05/2005 (5B04061-BS2)										
Volatile Fuel Hydrocarbons (C6-C12)	59.2	2.4	ppmv	70.0		85	80-120			
Duplicate Analyzed: 02/04/2005 (5B04061-DUP1)					**Source: IOB0281-01**					
Volatile Fuel Hydrocarbons (C6-C12)	585	2.4	ppmv		630			7	20	
Benzene	14.4	1.6	ppmv		14			3	20	
Toluene	33.7	1.3	ppmv		35			4	20	
Ethylbenzene	4.05	1.2	ppmv		4.4			8	20	
Xylenes, Total	40.2	3.5	ppmv		41			2	20	
Methyl-tert-butyl Ether (MTBE)	3.10	1.4	ppmv		3.0			3	20	

Del Mar Analytical, Irvine
Wendy Kirkeeng For 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: Kelsi Nelson

Project ID: CVX 9-1834

Report Number: IOB0308

Sampled: 02/02/05
Received: 02/03/05

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
Wendy Kirkeeng For Kathleen A. Robb
Project Manager

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Attention: Kelsi Nelson

Project ID: CVX 9-1834

Report Number: IOB0308

Sampled: 02/02/05
Received: 02/03/05

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
Wendy Kirkeeng For Kathleen A. Robb
Project Manager

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1080308

CHAIN OF CUSTODY FORM

Chevron Environmental Management Company ■ 145 S. State College Boulevard ■ Brea, CA 92822-2292 COC ___ of 20141

Chevron Site Global ID: T0607302116
Chevron Site Number: 9-1834
Chevron Site Address: 4175 VOLTAIRE SAN DIEGO - CA 92107
Chevron PM: E. KAHLE
Chevron PM Phone No.: (714) 671 3213

Chevron Service Order No:
Chevron Line Item:

Charge Code: NWRTB-0091834-0-MLL
(X) 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. 08CH51834.05.0130
Sampling Company: SECOR
Sampled By (Print): R. YAKER
Sampler Signature: R. Yaker

Del Mar Analytical
(X) Irvine, CA
☐ Colton, CA
Lab Contact: WENDY
Phone No:
☐ (949) 261-1022
☐ (909) 370-4667

Lancaster Laboratories
☐ Lancaster, PA
Lab Contact: Teresa Cunningham
Phone No:
☐ (717) 656-2300

EDF Required?
(X) Yes
☐ No

ANALYSES REQUIRED

SAMPLE ID: Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	Container Type	# of Containers	Preservation	EPA 8015B GRO (X) DRO ☐ ORO ☐ TPHd ☐ HC Screen ☐	EPA 8021B BTEX (X) MTBE (X)	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
VE-PRO	AIR	—	050202	10:15	TEDLAR	1	—	X	X										
VE-EFF	AIR	—	050202	10:20	TEDLAR	1	—	X	X										

Special Instructions

Temp. Blank Check
Time ___ Temp. ___

Relinquished By: Sampler — Company: SECOR — Date/Time: 2-3-05 11:20
Relinquished To: Rick Meridan — Company: DMAI — Date/Time: 2-3-05 11:20
Relinquished By: Rick Meridan — Company: DMAI — Date/Time: 2-3-05 1650
Relinquished To: Mary Amaran — Company: 2/3/05 — Date/Time: 1650
Relinquished By: — Company: — Date/Time:
Relinquished To: — Company: — Date/Time:

Turnaround Time:
24 Hours ☐ Standard (X)
48 hours ☐ Other ☐

Sample Integrity: (Check by lab on arrival)
Intact: X On Ice: NO Temp: RT

OK

COC Revision 10 - SECOR - SD.doc, 11/04/04

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: 02/17/05
Received: 02/17/05
Issued: 02/18/05 15:03

NELAP #01108CA California 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
IOB1420-01	VE-PROC-A-050217	Air
IOB1420-02	VE-EFF-A-050217	Air

Reviewed By:

Del Mar Analytical, Irvine
Pat Abe For 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: IOB1420

Sampled: 02/17/05
Received: 02/17/05

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: IOB1420-01 (VE-PROC-A-050217 - Air)								
Reporting Units: ppmv								
Volatile Fuel Hydrocarbons (C6-C12)	EPA 8015M/8021M	5B18048	2.4	65	1	2/18/2005	2/18/2005	
Benzene	EPA 8015M/8021M	5B18048	1.6	ND	1	2/18/2005	2/18/2005	
Toluene	EPA 8015M/8021M	5B18048	1.3	ND	1	2/18/2005	2/18/2005	
Ethylbenzene	EPA 8015M/8021M	5B18048	1.2	ND	1	2/18/2005	2/18/2005	
Xylenes, Total	EPA 8015M/8021M	5B18048	3.5	ND	1	2/18/2005	2/18/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8015M/8021M	5B18048	1.4	ND	1	2/18/2005	2/18/2005	
Sample ID: IOB1420-02 (VE-EFF-A-050217 - Air)								
Reporting Units: ppmv								
Volatile Fuel Hydrocarbons (C6-C12)	EPA 8015M/8021M	5B18048	2.4	62	1	2/18/2005	2/18/2005	
Benzene	EPA 8015M/8021M	5B18048	1.6	ND	1	2/18/2005	2/18/2005	
Toluene	EPA 8015M/8021M	5B18048	1.3	ND	1	2/18/2005	2/18/2005	
Ethylbenzene	EPA 8015M/8021M	5B18048	1.2	ND	1	2/18/2005	2/18/2005	
Xylenes, Total	EPA 8015M/8021M	5B18048	3.5	ND	1	2/18/2005	2/18/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8015M/8021M	5B18048	1.4	ND	1	2/18/2005	2/18/2005	

Del Mar Analytical, Irvine
Pat Abe For 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: IOB1420

Sampled: 02/17/05
Received: 02/17/05

SHORT HOLD TIME DETAIL REPORT

	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
Sample ID: VE-PROC-A-050217 (IOB1420-01) - Air					
EPA 8015M/8021M	3	02/17/2005 06:00	02/17/2005 18:35	02/18/2005 10:11	02/18/2005 10:11
Sample ID: VE-EFF-A-050217 (IOB1420-02) - Air					
EPA 8015M/8021M	3	02/17/2005 06:10	02/17/2005 18:35	02/18/2005 10:27	02/18/2005 10:27

Del Mar Analytical, Irvine
Pat Abe For Kathleen A. Robb
Project Manager

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

Project ID: CVX 9-1834

Report Number: IOB1420

Sampled: 02/17/05
Received: 02/17/05

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: 5B18048 Extracted: 02/18/05										
Blank Analyzed: 02/18/2005 (5B18048-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: 02/18/2005 (5B18048-BS1)										
Benzene	14.8	1.6	ppmv	16.5		90	85-115			
Toluene	13.3	1.3	ppmv	14.0		95	85-115			
Ethylbenzene	10.8	1.2	ppmv	12.2		89	70-125			
Xylenes, Total	33.9	3.5	ppmv	36.6		93	85-120			
Methyl-tert-butyl Ether (MTBE)	12.7	1.4	ppmv	14.9		85	75-125			
LCS Analyzed: 02/18/2005 (5B18048-BS2)										
Volatile Fuel Hydrocarbons (C6-C12)	76.4	2.4	ppmv	70.0		109	80-120			
Duplicate Analyzed: 02/18/2005 (5B18048-DUP1)					**Source: IOB1357-01**					
Volatile Fuel Hydrocarbons (C6-C12)	14.7	2.4	ppmv		17			15	20	
Benzene	ND	1.6	ppmv		ND				20	
Toluene	ND	1.3	ppmv		ND				20	
Ethylbenzene	0.611	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
Pat Abe For 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: IOB1420

Sampled: 02/17/05
Received: 02/17/05

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
Pat Abe For Kathleen A. Robb
Project Manager

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Attention: Sharon Zuniga

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Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	Nelac	California
EPA 8015M/8021M	Air	N/A	N/A

Nevada 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
Pat Abe For Kathleen A. Robb
Project Manager

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ID31420

CHAIN OF CUSTODY FORM

Chevron Environmental Management Company ■ 145 S. State College Boulevard ■ Brea, CA 92822-2292 COC ___ of 20142

Chevron Site Global ID: T0607302116
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: ___

Charge Code: NWRTB-0091834-0-MIL
☒ 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 Rio N., Ste. 302, San Diego, CA 92108
Consultant Contact: K. NELSON
Consultant Phone No. (619) 296-6195
Consultant Project No. OBCH.51834.05.0130
Sampling Company: SECOR
Sampled By (Print): K. YAGER
Sampler Signature: K. Yager

Del Mar Analytical
☒ Irvine, CA
☐ Colton, CA
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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 310.1 ALKALINITY ☐ EPA 150.1 PH ☐	SM 2510B SPECIFIC CONDUCTIVITY ☐	EPA 413.1 OIL/GREASES ☐ EPA 418.1 TRPH ☐				Notes/Comments
VE-PROC	AIR	—	050217	6:00	TEDLAR	1	—	X	X										
VE-EFF	AIR	—	050217	6:10	TEDLAR	1	—	X	X										

Special Instructions: PLEASE CHECK TURNAROUND BOX

Temp. Blank Check
Time ___ Temp. ___

DRP

Relinquished By	Company	Date/Time:	Relinquished To	Company
SAMPLER	SECOR	2-17-05 1545	[signature] Date/Time: 2-17-05 1545	[signature] DMAI
[signature]	DMAI	2-17-05 1835	[signature] Date/Time:	DMAI 2/17/05 1835

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

Sample Integrity: (Check by lab on arrival)
Intact: ✓ On Ice: Rt Temp: Rt