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July 19, 2005

Mr. Corey Walsh
Regional Water Quality Control Board – Central Coast Region
895 Aerovista Place, Suite 101
San Luis Obispo, California 93401-7906

Subject: **Second Quarter 2005 Groundwater Monitoring Report**
Chevron Service Station No. 9-1717
151 Santa Rosa Street, San Luis Obispo, California
RWQCB-CC Case #884
SECOR Project No.: MTCH.91717.06

Dear Mr. Walsh:

SECOR International Incorporated (SECOR), on behalf of Chevron Environmental Management Company (CEMC), is pleased to submit the attached Second Quarter 2005 groundwater monitoring report as required by the Central Coast Regional Water Quality Control Board (RWQCB-CC).

This report covers the routine monitoring of four onsite groundwater monitoring wells (MW-1 through MW-4) located at 151 Santa Rosa Street, San Luis Obispo, California. Blaine Tech Services, Inc. conducted the following field activities on May 28, 2005: site inspection, well gauging, well purging, purge water containment, sample collection and sample handling. Samples were then shipped under chain-of-custody protocol to Lancaster Laboratories, Inc. located in Lancaster, Pennsylvania for laboratory analysis. All field activities were performed in accordance with EPA protocols.

Should you have any questions or need additional information, please do not hesitate to contact Ms. Monica Aragon at (714) 379-3366.

Respectfully submitted,
SECOR International Incorporated

PROFESSIONAL GEOLOGIST
MONICA L. ARAGON
No. 7841
STATE OF CALIFORNIA

Ryan LaPorte
Project Scientist

Monica L. Aragon, P.G.
Project Hydrogeologist

cc: Dana Thurman, Chevron Environmental Management Company (1 original)
Monica Aragon, SECOR - Cypress (1 copy)
Bart Gebbie, Blaine Tech Services, Inc. (1 copy)

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
QUARTERLY MONITORING AND STATUS REPORT
(Second Quarter 2005)

Station No.: 9-1717 Location: 151 North Santa Rosa Street, San Luis Obispo, California
Consulting Co./Contact Person/Phone No.: SECOR-Cypress/ Monica Aragon/ (714) 230-0343
Sampling Contractor: Blaine Tech Services, Inc.
SECOR Project No.: MTCH.91717.06
Lead Agency: Regional Water Quality Control Board – Central Coast Region
Regulator/Case #: Mr. Corey Walsh/ 884

WORK PERFORMED THIS QUARTER [Second– 2005]:

1. Blaine Tech Services, Inc. gauged and sampled four groundwater monitoring wells on May 28, 2005.
2. SECOR completed quarterly groundwater monitoring status report.

WORK PROPOSED FOR NEXT QUARTER [Third - 2005]:

1. Submit Closure Request for review and approval.

Current Phase of Project:	Groundwater Monitoring	(Assess., Remed. etc)
Frequency of GW Monitoring/Sampling:	Biannual	(Quarterly, etc.)
Wells sampled this quarter:	MW-1, MW-2, MW-3 and MW-4	
Depth to Groundwater:	5.75 to 6.65	(range in feet)
Groundwater Flow Direction/Magnitude:	South-southeast /0.053	(ft/ft)
Flow/Gradient Consistent w/Previous Quarters:	Yes	(Yes/No)
TPHg Concentration Range:	<50	(µg/l)
Well with Highest TPHg Concentration:	NA	(well)
Benzene Concentration Range:	<0.5 to 0.7	(µg/l)
Well with Highest Benzene Concentration:	MW-4	(well)
MTBE Concentration Range:	<0.5 to 3	(µg/l)
Well with Highest MTBE Concentration:	MW-1	(well)
SPH Present/Wells:	No	(Yes/No)
SPH recovered this Quarter:	NA	(gallons)
SPH recovered to date:	NA	(gallons)
Gallons of GW Purged this Quarter:	314	(gallons)
Disposal/Recycling Facility:	U.S. Filters, Los Angeles, CA	(Name and Location)

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
QUARTERLY MONITORING AND STATUS REPORT (CONT'D)

Evaluation of Results/Trend analysis:	Groundwater elevations decreased by an average of 0.54 feet this quarter. MTBE concentrations have decreased in well MW-1, MW-3, and MW-4. All four wells show concentrations below the maximum contaminant levels (MCLs) for TPHg, BTEX and MTBE. TPHg and BTEX concentrations remain below the laboratory reporting limits (RLs) in all four monitoring wells. A slight increase of benzene concentration in MW-4 was observed.
Agency Directive Requirements:	Analyze 2nd Quarter 2005 groundwater samples for DIPE, TAME, TBA, and ETBE.

PREPARED BY: Ryan LaPorte, Project Scientist — Date: 7-19-05

REVIEWED AND APPROVED BY: Monica L. Aragon, P.G., Project Hydrogeologist — Date: 7/19/05

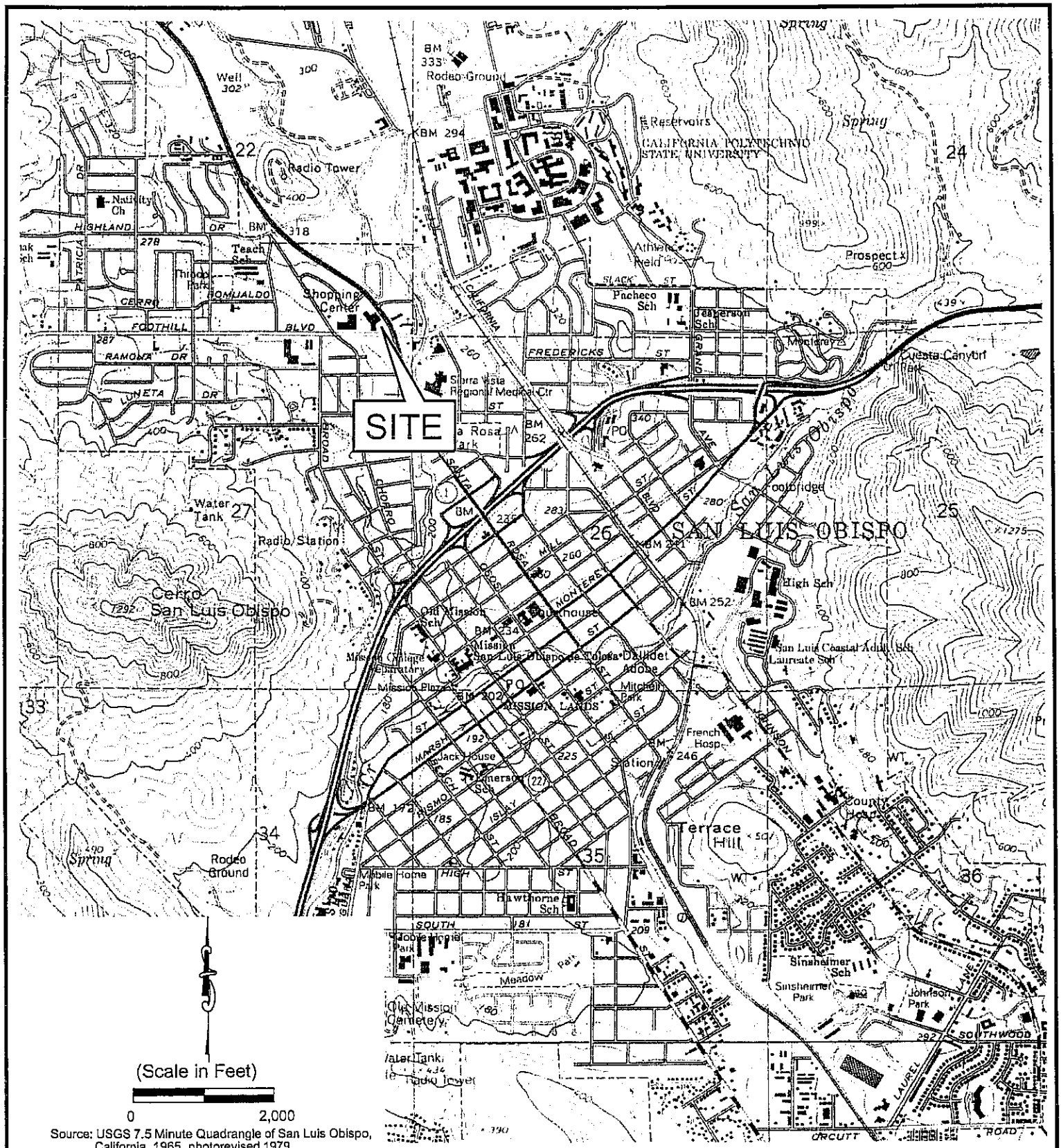
ATTACHED:

Figure 1 – Site Location Map
Figure 2 – Site Map
Figure 3 – 2nd Quarter 2005 Groundwater Potentiometer surface and Petroleum Hydrocarbon Concentration Map
Table 1 - Historical Groundwater Analytical Data
Table 2 - Historical Groundwater Elevation Data
Appendix A - Groundwater Sampling Field Data Sheets
Appendix B - Laboratory Report and Chain of Custody Document
Appendix C – Hydrographs of MW-1 through MW-4
Appendix D - Waste Disposal Document

DISTRIBUTION:

Dana Thurman, Chevron Environmental Management Company (1 original)
Monica Aragon, SECOR – Cypress office (1 copy)
Bart Gebbie, Blaine Tech Services, Inc. (1 copy)

FIGURES



Source: USGS 7.5 Minute Quadrangle of San Luis Obispo, California, 1965, photorevised 1979.

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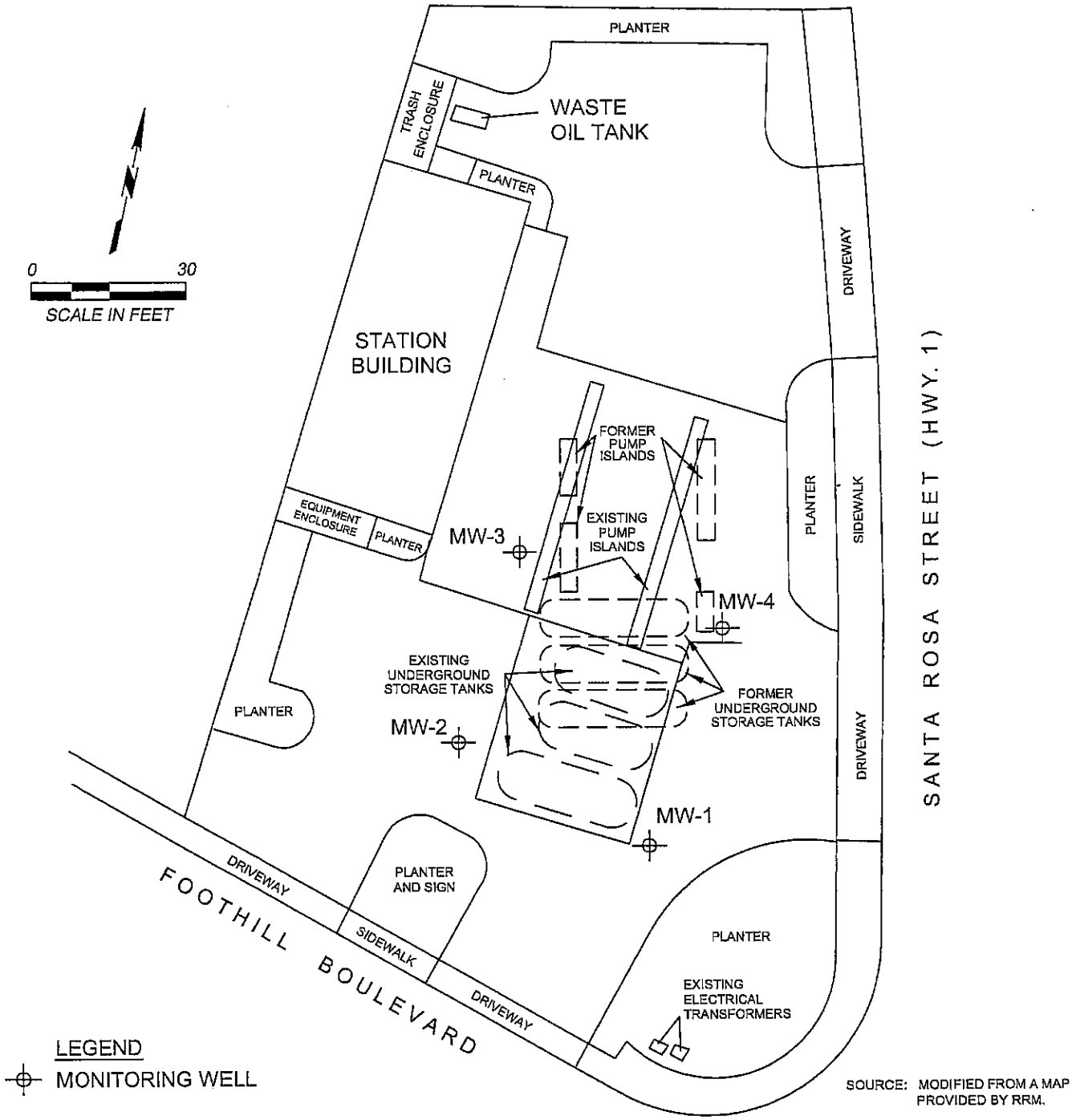
3437 Empresa Drive, Suite A, San Luis Obispo, CA 93401

SITE LOCATION MAP

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
FORMER CHEVRON STATION 9-1717
151 NORTH SANTA ROSA STREET
SAN LUIS OBISPO, CALIFORNIA

FILE NAME:	PROJECT NUMBER:	DRAWING DATE:	FIGURE:
CAD\Chevron\Chevron_9-1717\c91717_VM	MTCH.91717.00	03 OCT 03	1



SOURCE: MODIFIED FROM A MAP PROVIDED BY RRM.

SECOR *International Incorporated*

3437 Empresa Drive, Suite A, San Luis Obispo, CA 93401

SITE MAP

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
FORMER CHEVRON STATION 9-1717
151 NORTH SANTA ROSA STREET
SAN LUIS OBISPO, CALIFORNIA

FILE NAME:	PROJECT NUMBER:	DRAWING DATE:	FIGURE:
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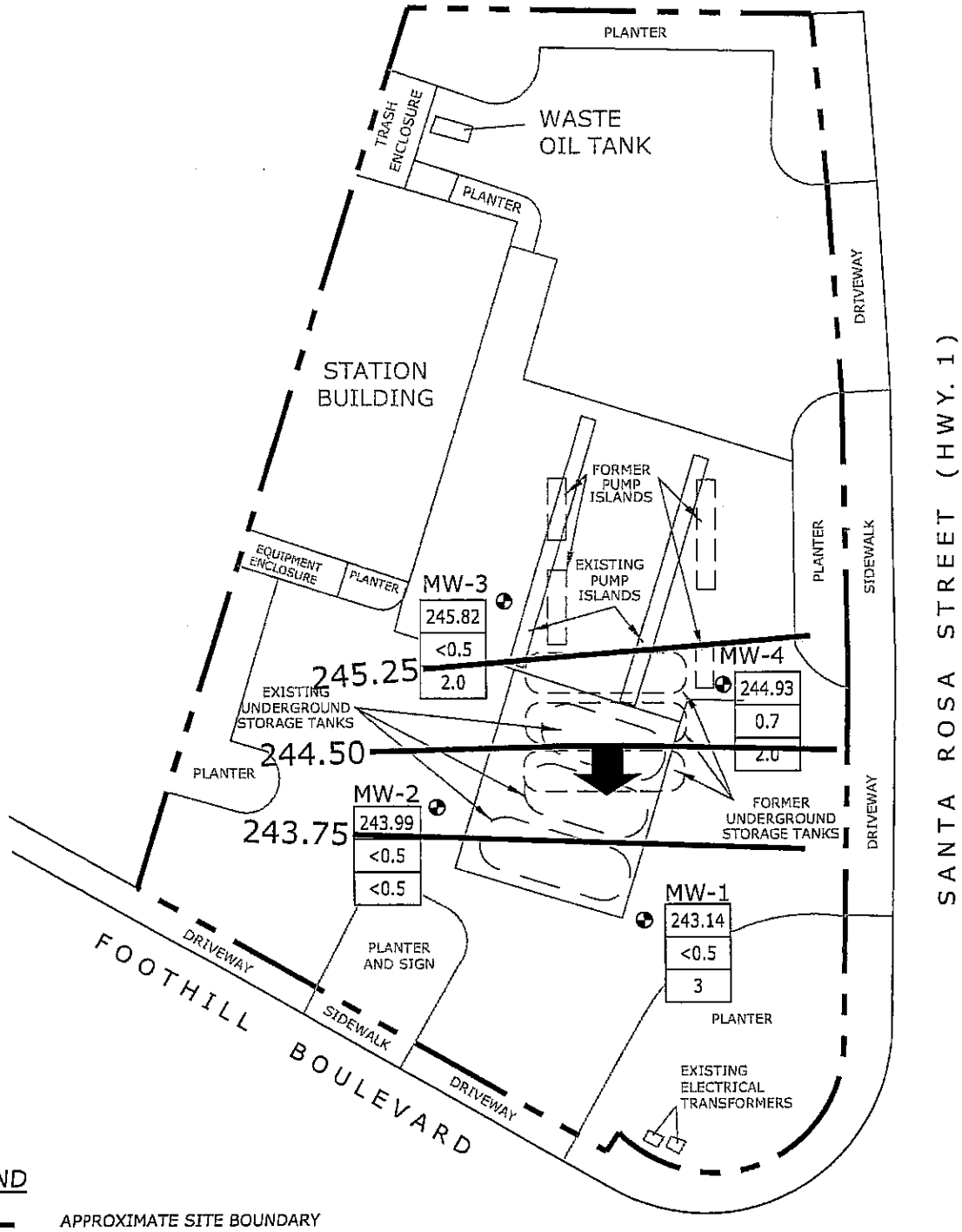

LEGEND

APPROXIMATE SITE BOUNDARY

MW-1 — EXISTING GROUNDWATER MONITORING WELL

GROUNDWATER ELEVATION CONTOUR LINE

GROUNDWATER FLOW DIRECTION
APPROXIMATE GRADIENT = 0.05 ft/ft

###.##	GROUNDWATER ELEVATION (FT, MSL)
BENZ	BENZENE (ug/L)
MTBE	METHYL TERTIARY BUTYL ETHER (ug/L)
NA	DATA NOT AVAILABLE
NU	NOT USED
NS	NOT SURVEYED

0 30 60
APPROXIMATE SCALE IN FEET

NOTES:
1. SOURCE OF MAP: MODIFIED FROM A MAP PROVIDED BY RRM
2. GROUNDWATER ELEVATIONS AND SAMPLES OBTAINED ON MAY 28, 2005.

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2ND QUARTER GROUNDWATER POTENTIOMETRIC SURFACE & HYDROCARBON CONCENTRATION MAP

FORMER CHEVRON STATION 9-1717
151 NORTH SANTA ROSA STREET
SAN LUIS OBISPO, CALIFORNIA

FILE NAME:	PROJECT NUMBER:	DRAWING DATE:	FIGURE:
CAD\Chevron\Chevron_9-1717\GWM\GWM_2005\c91717_2q05_gwm_A	MTCH.91717.00	06 JUNE 2005	3

TABLES

TABLE 1
HISTORICAL GROUNDWATER ANALYTICAL DATA
CHEVRON STATION # 9-1717
151 NORTH SANTA ROSA STREET
SAN LUIS OBISPO, CALIFORNIA

WELL ID	SAMPLE DATE	TPHg µg/L	B µg/L	T µg/L	E µg/L	X µg/L	MTBE µg/L	DIPE µg/L	ETBE µg/L	TAME µg/L	TBA µg/L
MW-1	9/15/1997	600	4.6	<0.3	<0.3	<0.6	530	--	--	--	--
	2/25/1998	<500	<0.3	<0.3	<0.3	<0.6	220	--	--	--	--
Duplicate	*2/25/1998*	*<500*	*<0.3*	*<0.3*	*<0.3*	*<0.6*	*206*	--	--	--	--
	7/27/1998	<500	<0.3	<0.3	<0.3	3.1	159	--	--	--	--
Duplicate	*7/27/1998*	*<500*	*<0.3*	*<0.3*	*<0.3*	*2*	*124*	--	--	--	--
	1/7/1999	<100	<0.3	<0.3	<0.3	<0.6	198	--	--	--	--
Confirmation run	*1/7/1999*	--	--	--	--	--	*190*	--	--	--	--
	7/8/1999	133	<0.3	<0.3	<0.3	<0.6	133	--	--	--	--
Confirmation run	*7/8/1999*	--	--	--	--	--	*130*	--	--	--	--
	1/24/2000	142	0.6	2.8	0.5	1.8	62	--	--	--	--
Confirmation run	*1/24/2000*	--	--	--	--	--	*54*	--	--	--	--
	7/7/2000	<500	<0.3	<0.3	<0.3	<0.6	18	--	--	--	--
Confirmation run	*7/7/2000*	--	--	--	--	--	*32*	--	--	--	--
	2/14/2001	369	<0.3	<0.3	<0.3	<0.6	369	--	--	--	--
Confirmation run	*2/14/2001*	--	--	--	--	--	*212*	--	--	--	--
	8/2/2001	114	<0.18	<0.14	<0.18	<0.26	188	--	--	--	--
Confirmation run	*8/2/2001*	--	--	--	--	--	*111*	--	--	--	--
	1/31/2002	<50	<0.3	<0.2	<0.2	<0.4	81	--	--	--	--
	7/18/2002	<50	<0.50	<0.50	<0.50	<1.0	64	--	--	--	--
	2/4/2003	<50	<0.50	<0.50	<0.50	<1.0	30	--	--	--	--
	7/22/2003	<50	<0.50	<0.50	<0.50	<1.0	23	--	--	--	--
	1/14/2004	<50	<0.50	<0.50	<0.50	<1.0	15	--	--	--	--
	7/2/2004	<50	<0.50	<0.50	<0.50	<1.0	7.4	--	--	--	--
	1/26/2005	<50	<0.5	<0.5	<0.5	<0.5	10	--	--	--	--
	5/18/2005	<50	<0.5	<0.5	<0.5	<0.5	3	<0.5	<0.5	<0.5	<5

TABLE 1
HISTORICAL GROUNDWATER ANALYTICAL DATA
CHEVRON STATION # 9-1717
151 NORTH SANTA ROSA STREET
SAN LUIS OBISPO, CALIFORNIA

WELL ID	SAMPLE DATE	TPHg µg/L	B µg/L	T µg/L	E µg/L	X µg/L	MTBE µg/L	DIPE µg/L	ETBE µg/L	TAME µg/L	TBA µg/L
MW-2	9/15/1997	<500	<0.3	<0.3	<0.3	<0.6	<20	--	--	--	--
	2/25/1998	<500	<0.3	<0.3	<0.3	<0.6	<20	--	--	--	--
	7/27/1998	<500	<0.3	<0.3	<0.3	<0.6	<20	--	--	--	--
	1/7/1999	<100	<0.3	<0.3	<0.3	<0.6	<5.0	--	--	--	--
	7/8/1999	<50	<0.3	<0.3	<0.3	<0.6	<5.0	--	--	--	--
	1/24/2000	<50	<0.3	<0.3	<0.3	<0.6	<5.0	--	--	--	--
	7/7/2000	<500	<0.3	<0.3	<0.3	<0.6	<5.0	--	--	--	--
	2/14/2001	<100	<0.3	<0.3	<0.3	<0.6	3.3J	--	--	--	--
	8/2/2001	<50	<0.18	<0.14	<0.18	<0.26	<0.24	--	--	--	--
	01/31/02	<50	<0.3	<0.2	<0.2	<0.4	<0.6	--	--	--	--
	07/18/02	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
	02/04/03	<50	<0.50	<0.50	<0.50	<1.0	0.56	--	--	--	--
	7/22/2003	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
	1/14/2004	<50	<0.50	<0.50	<0.50	<1.0	0.34J	--	--	--	--
	7/2/2004	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
	1/26/2005	<50	<0.5	<0.5	<0.5	<0.5	0.6	--	--	--	--
	5/18/2005	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5

TABLE 1
HISTORICAL GROUNDWATER ANALYTICAL DATA
CHEVRON STATION # 9-1717
151 NORTH SANTA ROSA STREET
SAN LUIS OBISPO, CALIFORNIA

WELL ID	SAMPLE DATE	TPHg µg/L	B µg/L	T µg/L	E µg/L	X µg/L	MTBE µg/L	DIPE µg/L	ETBE µg/L	TAME µg/L	TBA µg/L
MW-3	9/15/1997	<500	<0.3	<0.3	<0.3	<0.6	<20	--	--	--	--
	2/25/1998	<500	<0.3	<0.3	<0.3	<0.6	<20	--	--	--	--
Inaccessible	*7/27/1998*	--	--	--	--	--	--	--	--	--	--
	1/7/1999	<100	<0.3	<0.3	<0.3	<0.6	<5.0	--	--	--	--
	7/8/1999	<50	<0.3	<0.3	<0.3	<0.6	<5.0	--	--	--	--
	1/24/2000	130	2.0	6.8	2.0	8.0	<5.0	--	--	--	--
	7/7/2000	<500	<0.3	<0.3	<0.3	<0.6	<5.0	--	--	--	--
	2/14/2001	<100	<0.3	<0.3	<0.3	<0.6	3.0J	--	--	--	--
	8/2/2001	<50	<0.18	<0.14	<0.18	<0.26	24	--	--	--	--
	01/31/02	<50	<0.3	<0.2	<0.2	<0.4	4.1	--	--	--	--
	07/18/02	<50	<0.50	<0.50	<0.50	<1.0	2.1	--	--	--	--
	02/04/03	<50	<0.50	<0.50	<0.50	<1.0	1.8	--	--	--	--
	7/22/2003	<50	<0.50	<0.50	<0.50	<1.0	0.77	--	--	--	--
	1/14/2004	<50	<0.50	<0.50	<0.50	<1.0	0.92	--	--	--	--
	7/2/2004	<50	<0.50	<0.50	<0.50	<1.0	0.77	--	--	--	--
	1/26/2005	<50	<0.5	<0.5	<0.5	<0.5	4.0	--	--	--	--
	5/18/2005	<50	<0.5	<0.5	<0.5	<0.5	2	<0.5	<0.5	<0.5	<5
MW-4	9/15/1997	<500	<0.3	<0.3	<0.3	<0.6	23	--	--	--	--
Duplicate	*9/15/1997*	*<500*	*<0.3*	*<0.3*	*<0.3*	*<0.6*	*30*	--	--	--	--
	2/25/1998	<500	<0.3	<0.3	<0.3	<0.6	70	--	--	--	--
	7/27/1998	<500	<0.3	<0.3	<0.3	2.3	26	--	--	--	--
	1/7/1999	<100	<0.3	<0.3	<0.3	<0.6	7.7	--	--	--	--
	7/8/1999	<50	<0.3	<0.3	<0.3	<0.6	<5.0	--	--	--	--
	1/24/2000	<50	<0.3	<0.3	<0.3	<0.6	<5.0	--	--	--	--
	7/7/2000	<500	1.0	<0.3	1.0	2.0	<5.0	--	--	--	--
	2/14/2001	<100	<0.3	<0.3	<0.3	<0.6	5.4	--	--	--	--
	8/2/2001	<50	<0.18	<0.14	<0.18	<0.26	5.5	--	--	--	--
	1/31/2002	<50	<0.3	<0.2	<0.2	<0.4	4.2	--	--	--	--
	7/18/2002	<50	<0.50	<0.50	<0.50	<1.0	7.4	--	--	--	--
	2/4/2003	<50	<0.50	<0.50	<0.50	<1.0	6.1	--	--	--	--
	7/22/2003	<50	<0.50	<0.50	<0.50	<1.0	5.6	--	--	--	--
	1/14/2004	<50	1.7	<0.50	1.7	5.7	4.2	--	--	--	--
	7/2/2004	<50	0.54	<0.50	<0.50	<1.0	3.2	--	--	--	--
	1/26/2005	<50	<0.5	<0.5	<0.5	<0.5	2.0	--	--	--	--
	5/18/2005	<50	0.7	<0.5	0.8	2	2	<0.5	<0.5	<0.5	<5

TABLE 1
HISTORICAL GROUNDWATER ANALYTICAL DATA
CHEVRON STATION # 9-1717
151 NORTH SANTA ROSA STREET
SAN LUIS OBISPO, CALIFORNIA

WELL ID	SAMPLE DATE	TPHg µg/L	B µg/L	T µg/L	E µg/L	X µg/L	MTBE µg/L	DIPE µg/L	ETBE µg/L	TAME µg/L	TBA µg/L
TRIP BLANK	9/15/1997	<500	<0.3	<0.3	<0.3	<0.6	<20	--	--	--	--
	7/27/1998	<500	<0.3	<0.3	<0.3	<0.6	<20	--	--	--	--
	1/7/1999	<100	<0.3	<0.3	<0.3	<0.6	<5.0	--	--	--	--
	7/8/1999	<50	<0.3	<0.3	<0.3	<0.6	<5.0	--	--	--	--
	1/24/2000	<50	<0.3	<0.3	<0.3	<0.6	<5.0	--	--	--	--
	7/7/2000	<50	<0.3	<0.3	<0.3	<0.6	<5	--	--	--	--
	2/14/2001	<100	<0.3	<0.3	<0.3	<0.6	<5.0	--	--	--	--
	8/2/2001	<50	<0.18	<0.14	<0.18	<0.26	<0.24	--	--	--	--
	1/31/2002	<50	<0.3	<0.2	<0.2	<0.4	<0.6	--	--	--	--
QA-T-020718	7/18/2002	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
QA-T-030204	2/4/2003	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
QA-T-030722	7/22/2003	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
QA-T-040114	1/14/2004	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
QA-T-040702	7/2/2004	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
QA-T-050126	1/26/2005	<50	<0.5	<0.5	<0.5	<0.5	<4.0	--	--	--	--
QA-T-050518	5/18/2005	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5

ABBREVIATIONS:
ug/L - Micrograms per liter
TPHg = Total Petroleum Hydrocarbons as Gasoline
MTBE = Methyl-tert Butyl Ether
J = denotes a value between the method detection limit and the practical quantitative limit for reporting purposes
-- = Not analyzed
INW = Insufficient water
Confirmation results detected by EPA Test Method 8260B

TABLE 2
HISTORICAL GROUNDWATER ELEVATION DATA
CHEVRON STATION # 9-1717
151 NORTH SANTA ROSA STREET
SAN LUIS OBISPO, CALIFORNIA

WELL NO.	DATE	WELLHEAD ELEVATION (Feet)	DEPTH TO GROUNDWATER (Feet below TOC)	LPH THICKNESS (Feet)	GROUNDWATER ELEVATION (Feet)
MW-1	9/15/1997	248.53	7.35	--	241.18
	2/25/1998		4.37	--	244.16
	7/27/1998		7.30	--	241.23
	1/7/1999		7.49	--	241.04
	7/8/1999		7.41	--	241.12
	1/24/2000		7.24	--	241.29
	7/7/2000		7.20	--	241.33
	2/14/2001		6.75	--	241.78
	8/2/2001		7.47	--	241.06
	1/31/2002		6.88	--	241.65
	7/18/2002		7.56	--	240.97
	2/4/2003	249.79	7.37	--	242.42
	7/22/2003		7.41	--	242.38
	1/14/2004		7.48	--	242.31
	7/2/2004		7.95	--	241.84
	1/26/2005		5.77	--	244.02
	5/18/2005		6.65	--	243.14
MW-2	9/15/1997	248.69	4.85	--	243.84
	2/25/1998		4.45	--	244.24
	7/27/1998		6.40	--	242.29
	1/7/1999		6.42	--	242.27
	7/8/1999		6.44	--	242.25
	1/24/2000		5.68	--	243.01
	7/7/2000		6.00	--	242.69
	2/14/2001		5.15	--	243.54
	8/2/2001		6.75	--	241.94
	1/31/2002		6.57	--	242.12
	7/18/2002		6.76	--	241.93
	2/4/2003	250.19	6.60	--	243.59
	7/22/2003		6.88	--	243.31
	1/14/2004		7.15	--	243.04
	7/2/2004		7.75	--	242.44
	1/26/2005		5.84	--	244.35
	5/18/2005		6.20	--	243.99
MW-3	9/15/1997	250.29	6.35	--	243.94
	2/25/1998		4.39	--	245.90
Inaccessible	*7/27/1998*		--	--	--
	1/7/1999		6.05	--	244.24
	7/8/1999		6.25	--	244.04
	1/24/2000		5.47	--	244.82
	7/7/2000		5.95	--	244.34
	2/14/2001		5.33	--	244.96
	8/2/2001		6.27	--	244.02
	1/31/2002		6.21	--	244.08
	7/18/2002		6.73	--	243.56
	2/4/2003	251.57	6.20	--	245.37
	7/22/2003		7.13	--	244.44
	1/14/2004		7.14	--	244.43
	7/2/2004		7.18	--	244.39
	1/26/2005		5.49	--	246.08
	5/18/2005		5.75	--	245.82

TABLE 2
HISTORICAL GROUNDWATER ELEVATION DATA
CHEVRON STATION # 9-1717
151 NORTH SANTA ROSA STREET
SAN LUIS OBISPO, CALIFORNIA

WELL NO.	DATE	WELLHEAD ELEVATION (Feet)	DEPTH TO GROUNDWATER (Feet below TOC)	LPH THICKNESS (Feet)	GROUNDWATER ELEVATION (Feet)
MW-4	9/15/1997	249.63	5.77	--	243.86
	2/25/1998		3.85	--	245.78
	7/27/1998		6.05	--	243.58
	1/7/1999		5.96	--	243.67
	7/8/1999		5.97	--	243.66
	1/24/2000		5.25	--	244.38
	7/7/2000		5.76	--	243.87
	2/14/2001		4.32	--	245.31
	8/2/2001		6.24	--	243.39
	1/31/2002		5.91	--	243.72
	7/18/2002		6.40	--	243.23
	2/4/2003	250.88	6.15	--	244.73
	7/22/2003		6.39	--	244.49
	1/14/2004		6.49	--	244.39
	7/2/2004		6.97	--	243.91
	1/26/2005		5.31	--	245.57
	5/18/2005		5.95	--	244.93

Notes:

Vertical Measurements are in feet.
TOC: Top of Casing
Site re-surveyed on May 30, 2002.

APPENDIX A

Groundwater Sampling
Field Data Sheets

SCOPE OF WORK as of 5/3/2005

GROUNDWATER MONITORING AT CHEVRON

Site #: 9-1717

SITE ADDRESS: **151 SANTA ROSA STREET**
CITY: **SAN LUIS OBISPO**
COUNTY: **SAN LUIS OBISPO**

Lab: **LANCASTER**
Phone: (717) 656-2300
Release #:

Consultant: SECOR San Luis Obispo
Name: Todd Porter
Phone: (805) 546-0455
Rpt due date:

Lock/Key: 3910
Gauge to: **TOC**

Engineer:
Phone #:

Required regulatory notifications/ cooperative sampling requirements:

Well I.D.	Required Analyses	Sampling Frequency	Sampling Months	Gauging Frequency	Remedial Devices	Notes & Tasks (bail SPH, install skimmer, etc.)
MW-1	**TPH-G by 8015, BTEX and Oxygenates by 8260**	**BIANNUAL**	**JAN/JULY**	**BIANNUAL**		
MW-2	**TPH-G by 8015, BTEX and Oxygenates by 8260**	**BIANNUAL**	**JAN/JULY**	**BIANNUAL**		
MW-3	**TPH-G by 8015, BTEX and Oxygenates by 8260**	**BIANNUAL**	**JAN/JULY**	**BIANNUAL**		
MW-4	**TPH-G by 8015, BTEX and Oxygenates by 8260**	**BIANNUAL**	**JAN/JULY**	**BIANNUAL**		
QA	**TPH-G by 8015, BTEX and Oxygenates by 8260**	**BIANNUAL**	**JAN/JULY**	**BIANNUAL**		**TRIP BLANK**

CHANGES AND SPECIAL INSTRUCTIONS:
Bottles: TPH-G, BTEX, MTBE - 4 HCl voas

NOTE ON COC:
-"Detection limits for MTBE must be 5 ppb or Lower"
-"Detection limits for TPH-G must be 50 ppb or Lower"
-"All analyses must confrom to Central Coast RWQCB mandated detection limits"

CONFIRM SAMPLING SCHEDULE 3Q05

WELL GAUGING DATA

Project # 050518-AW1 Date 5-18-05 Client Chevron

Site 151 N. Santa ~~Ana~~ Rosa St, San Luis Obispo

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-1	6					6.65	27.10		
MW-2	6					6.20	32.11		
MW-3	6					5.75	26.99		
MW-4	6					5.95	21.25		

CHEVRON (SO. CAL) WELL MONITORING DATA SHEET

Project #: 050518-MW1	Station #: 9-1717
Sampler: Wolff	Date: 5-18-05
Weather: Sunny	Ambient Air Temperature: 89°F
Well I.D.: MW-1	Well Diameter: 2 3 4 (6) 8 ___
Total Well Depth: 27.10	Depth to Water: 6.65
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.74	

Purge Method:

Bailer
Disposable Bailer
Positive Air Displacement
Electric Submersible
Waterra
Peristaltic
Extraction Pump
Other_____

Sampling Method:

Bailer
(Disposable Bailer)
Extraction Port
Dedicated Tubing
Other: _____

30.1 (Gals.) X 3 = 90.3 Gals.
1 Case Volume Specified Volumes Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1338	67.3	7.1	935.8	88	31	
	well dewatered @ 52 gal					
1420	69.0	7.1	832.3	11	—	

Did well dewater? (Yes) No Gallons actually evacuated: 52

Sampling Date: 5-18-05 Sampling Time: 1420 Depth to Water: 9.00

Sample I.D.: MW-1 Laboratory: (Del Mar) Lancaster Other_____

Analyzed for: (TPH-G) (BTEX) MTBE (OXYS) Other:

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE OXYS Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

CHEVRON (SO. CAL) WELL MONITORING DATA SHEET

Project #: 050518-AW1	Station #: 9-1717
Sampler: Wolff	Date: 5-18-05
Weather: Sunny	Ambient Air Temperature: 90°F
Well I.D.: MW-2	Well Diameter: 2 3 4 (6) 8 ___
Total Well Depth: 32.11	Depth to Water: 6.20
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.38	

Purge Method:

Bailer
Disposable Bailer
Positive Air Displacement
Electric (Submersible)
Waterra
Peristaltic
Extraction Pump
Other_____

Sampling Method: Bailer
(Disposable Bailer)
Extraction Port
Dedicated Tubing
Other: _____

38.1 (Gals.) X 3 = 114.3 Gals.
1 Case Volume — Specified Volumes — Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1200	70.0	6.9	1516	16	39	
1208	69.4	6.7	1006	9	77	
1218	68.6	6.7	938.5	7	115	

Did well dewater? Yes (No) Gallons actually evacuated: 115

Sampling Date: 5-18-05 Sampling Time: 1226 Depth to Water: 9.57

Sample I.D.: MW-2 Laboratory: (Del Mar) Lancaster Other_____

Analyzed for: (TPH-G) (BTEX) MTBE (OXYS) Other:

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE OXYS Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

CHEVRON (SO. CAL) WELL MONITORING DATA SHEET

Project #: 050518-AW1	Station #: 9-1717
Sampler: Wolff	Date: 5-18-05
Weather: Sunny	Ambient Air Temperature: 90°F
Well I.D.: MW-3	Well Diameter: 2 3 4 (6) 8 ____
Total Well Depth: 26.99	Depth to Water: 5.75
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.99	

Purge Method:
- Bailer
- Disposable Bailer
- Positive Air Displacement
- Electric (Submersible)
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method:
- Bailer
- (Disposable Bailer)
- Extraction Port
- Dedicated Tubing
- Other: _____

31.2 (Gals.) X 3 = 93.6 Gals.
1 Case Volume — Specified Volumes — Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1248	68.7	6.8	1233	19	32	
1254	67.6	6.7	1004	22	63	
	well	dewatered	@ 86	gal		
1356	69.9	6.9	963.5	28	—	

Did well dewater? (Yes) No Gallons actually evacuated: 86

Sampling Date: 5-18-05 Sampling Time: 1356 Depth to Water: 6.11

Sample I.D.: MW-3 Laboratory: (Del Mar) Lancaster Other_____

Analyzed for: (TPH-G) (BTEX) MTBE (OXYS) Other:

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE OXYS Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

~~HH~~ ~~HH~~ ||||

CHEVRON (SO. CAL) WELL MONITORING DATA SHEET

Project #: 050518-AWI	Station #: 9-1717
Sampler: Wolff	Date: 5-18-05
Weather: Sunny	Ambient Air Temperature: 90° F
Well I.D.: MW-4	Well Diameter: 2 3 4 (6) 8 ___
Total Well Depth: 21.25	Depth to Water: 5.95
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.01	

Purge Method:
- Bailer
- Disposable Bailer
- Positive Air Displacement
- (Electric Submersible)
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method:
- Bailer
- (Disposable Bailer)
- Extraction Port
- Dedicated Tubing
- Other: _____

22.5 (Gals.) X 3 = 67.5 Gals.
1 Case Volume — Specified Volumes — Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1314	68.4	7.0	1052	223	23	
1318	67.9	7.0	1050	112	46	
	well dewatered @ 61 gal					
1408	68.5	6.9	1001	17	—	

Did well dewater? (Yes) No Gallons actually evacuated: 61

Sampling Date: 5-18-05 Sampling Time: 1408 Depth to Water: 8.95

Sample I.D.: MW-4 Laboratory: (Del Mar) Lancaster Other_____

Analyzed for: (TPH-G) (BTEX) MTBE (OXYS) Other:

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE OXYS Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

CHAIN OF CUSTODY FORM

Chevron Environmental Management Company ■ 145 S. State College Boulevard ■ Brea, CA 92822-2292 COC 1 of 1

Chevron Site Global ID: T0607900190

Chevron Site Number: 91717

Chevron Site Address: 151 Santa Rosa., San Luis Obispo

Chevron PM: SECOR: c/o Madelaine Montilla
2301 Leghorn, Mountain View, CA 94043

Chevron MT PM Phone No.: (650) 691-0131 x 235

MT Job No: MTCH.91717.06

Chevron Service Code: *ZZ02800*
x Management Transfer – SO CA Portfolio Job
☐ ~~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: ~~2487 Empresa Dr., Ste. A, San Luis Obispo, CA 93401~~ 11085 40th Ave, Cypress CA
Consultant Contact: ~~Todd Porter~~ Monica Avagnu
Consultant Phone No. ~~(805) 546-0455~~ 714 2300343
Consultant Project No. MTCH.1717.06
Sampling Company: BTST
Sampled By (Print): Andy Wolff
Sampler Signature: Andy Wolff

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

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
QA	T		050518	1045	VOA	2	HCl	X		X									
MW-1	W		↓	1420	↓	4	↓	X		X									
MW-2	↓		↓	1226	↓	↓	↓	X		X									
MW-3	↓		↓	1356	↓	↓	↓	X		X									
MW-4	↓		↓	1408	↓	↓	↓	X		X									

Special Instructions

Temp. Blank Check

Time	Temp
1045	3°
1226	3°
1356	3°
1400	3°

Relinquished By	Company	Date/Time:	Relinquished To	Company	Date/Time:
Andy Wolff	BTS	5/18 07	Locked Refrigerator	BTS	
Relinquished By	Company	Date/Time:	Relinquished To	Company	Date/Time:
Relinquished By	Company	Date/Time:	Relinquished To	Company	Date/Time:

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

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

WELLHEAD INSPECTION CHECKLIST

Client Chevron Date 5-18-05

Site Address 151 Santa Rosa St, San Luis Obispo

Job Number 050518-tw1 Technician Wolff

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
MW-1	✓							
MW-2	✓							
MW-3					✓			
MW-4					✓			

NOTES:

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME				PROJECT NUMBER 050518-AW1			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
Ultrameter	608489	5-18-05 1100			PH - Buffer 7.00 Acid 4.00 Base 10.00	85°F	AW
					COND - 3900		

APPENDIX B

Laboratory Report and Chain-of-Custody Document

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco C/O Secor Int.
2301 Leghorn Street
Mountainview CA 94043

650-691-0131

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 944499. Samples arrived at the laboratory on Monday, May 23, 2005. The PO# for this group is 99011184 and the release number is MTI.

Client Description			Lancaster Labs Number
QA-T-050518	NA	Water	4529631
MW-1-W-050518	NA	Water	4529632
MW-2-W-050518	NA	Water	4529633
MW-3-W-050518	NA	Water	4529634
MW-4-W-050518	NA	Water	4529635

ELECTRONIC COPY TO	ChevronTexaco C/O Secor Int.	Attn: Madeline Montilla
1 COPY TO	ChevronTexaco C/O Secor Int.	Attn: Monica Aragon
ELECTRONIC COPY TO	ChevronTexaco C/O Secor Int.	Attn: Bruce Cameron

Lancaster Laboratories

Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2661 • www.lancasterlabs.com

Questions? Contact your Client Services Representative
Teresa L Cunningham at (717) 656-2300

Respectfully Submitted,

Robin C. Runkle
Senior Chemist

Lancaster Laboratories

Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Lancaster Laboratories Sample No. WW 4529631

QA-T-050518 NA Water
Facility# 91717 MTI# MTCH.91717.06 BTST
151 Santa Rosa-San Luis T0607900190 QA
Collected:05/18/2005 10:45

Account Number: 11522

Submitted: 05/23/2005 09:00
Reported: 06/01/2005 at 15:46
Discard: 07/02/2005

ChevronTexaco C/O Secor Int.
2301 Leghorn Street
Mountainview CA 94043

151QA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06056	BTEX+5 Oxygenates by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	05/30/2005 18:10	K. Robert Caulfeild-James	1
06056	BTEX+5 Oxygenates by 8260B	SW-846 8260B	1	05/28/2005 14:25	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	05/30/2005 18:10	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/28/2005 14:25	Anita M Dale	n.a.

Lancaster Laboratories

Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax:717-656-2681 • www.lancasterlabs.com

Lancaster Laboratories Sample No. WW 4529632

MW-1-W-050518 NA Water
Facility# 91717 MTI# MTCH.91717.06 BTST
151 Santa Rosa-San Luis T0607900190 MW-1
Collected:05/18/2005 14:20 by AW

Account Number: 11522

Submitted: 05/23/2005 09:00
Reported: 06/01/2005 at 15:46
Discard: 07/02/2005

ChevronTexaco C/O Secor Int.
2301 Leghorn Street
Mountainview CA 94043

151M1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06056	BTEX+5 Oxygenates by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	3.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	05/30/2005 19:23	K. Robert Caulfeild-James	1
06056	BTEX+5 Oxygenates by 8260B	SW-846 8260B	1	05/28/2005 14:49	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	05/30/2005 19:23	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/28/2005 14:49	Anita M Dale	n.a.

Lancaster Laboratories

Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Lancaster Laboratories Sample No. WW 4529633

MW-2-W-050518 NA Water
Facility# 91717 MTI# MTCH.91717.06 BTST
151 Santa Rosa-San Luis T0607900190 MW-2
Collected: 05/18/2005 12:26 by AW

Account Number: 11522

Submitted: 05/23/2005 09:00
Reported: 06/01/2005 at 15:46
Discard: 07/02/2005

ChevronTexaco C/O Secor Int.
2301 Leghorn Street
Mountainview CA 94043

151M2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06056	BTEX+5 Oxygenates by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	05/30/2005 19:57	K. Robert Caulfeild-James	1
06056	BTEX+5 Oxygenates by 8260B	SW-846 8260B	1	05/28/2005 15:12	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	05/30/2005 19:57	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/28/2005 15:12	Anita M Dale	n.a.

Lancaster Laboratories

Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax:717-656-2681 • www.lancasterlabs.com

Lancaster Laboratories Sample No. WW 4529634

MW-3-W-050518 NA Water
Facility# 91717 MTI# MTCH.91717.06 BTST
151 Santa Rosa-San Luis T0607900190 MW-3
Collected:05/18/2005 13:56 by AW

Account Number: 11522

Submitted: 05/23/2005 09:00
Reported: 06/01/2005 at 15:46
Discard: 07/02/2005

ChevronTexaco C/O Secor Int.
2301 Leghorn Street
Mountainview CA 94043

151M3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06056	BTEX+5 Oxygenates by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	2.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	05/30/2005 20:39	K. Robert Caulfeild-James	1
06056	BTEX+5 Oxygenates by 8260B	SW-846 8260B	1	05/28/2005 15:36	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	05/30/2005 20:39	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/28/2005 15:36	Anita M Dale	n.a.

Lancaster Laboratories

Analysis Report

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Lancaster Laboratories Sample No. WW 4529635

MW-4-W-050518 NA Water
Facility# 91717 MTI# MTCH.91717.06 BTST
151 Santa Rosa-San Luis T0607900190 MW-4
Collected:05/18/2005 14:08 by AW

Account Number: 11522

Submitted: 05/23/2005 09:00
Reported: 06/01/2005 at 15:47
Discard: 07/02/2005

ChevronTexaco C/O Secor Int.
2301 Leghorn Street
Mountainview CA 94043

151M4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06056	BTEX+5 Oxygenates by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	2.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	0.7	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	0.8	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	2.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	05/31/2005 00:30	K. Robert Caulfeild-James	1
06056	BTEX+5 Oxygenates by 8260B	SW-846 8260B	1	05/28/2005 16:00	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	05/31/2005 00:30	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/28/2005 16:00	Anita M Dale	n.a.

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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco C/O Secor Int.
Reported: 06/01/05 at 03:47 PM

Group Number: 944499

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 05150A08B	Sample number(s): 4529631-4529634							
TPH-GRO - Waters	N.D.	50.	ug/l	109	110	70-130	1	30
Batch number: 05150A08C	Sample number(s): 4529635							
TPH-GRO - Waters	N.D.	50.	ug/l	109	110	70-130	1	30
Batch number: Z051481AA	Sample number(s): 4529631-4529635							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	88	89	77-127	1	30
di-Isopropyl ether	N.D.	0.5	ug/l	90	91	67-130	1	30
Ethyl t-butyl ether	N.D.	0.5	ug/l	89	90	74-120	1	30
t-Amyl methyl ether	N.D.	0.5	ug/l	88	89	79-113	1	30
t-Butyl alcohol	N.D.	5.	ug/l	88	89	57-141	1	30
Benzene	N.D.	0.5	ug/l	95	95	85-117	0	30
Toluene	N.D.	0.5	ug/l	94	95	85-115	1	30
Ethylbenzene	N.D.	0.5	ug/l	95	97	82-119	1	30
Xylene (Total)	N.D.	0.5	ug/l	96	98	83-113	1	30

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 05150A08B	Sample number(s): 4529631-4529634								
TPH-GRO - Waters	128		63-154						
Batch number: 05150A08C	Sample number(s): 4529635								
TPH-GRO - Waters	128		63-154						
Batch number: Z051481AA	Sample number(s): 4529631-4529635								
Methyl Tertiary Butyl Ether	90		69-134						
di-Isopropyl ether	96		75-130						
Ethyl t-butyl ether	93		78-119						
t-Amyl methyl ether	90		77-117						
t-Butyl alcohol	90		51-147						
Benzene	103		83-128						
Toluene	102		83-127						
Ethylbenzene	104		82-129						
Xylene (Total)	103		82-130						

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco C/O Secor Int. Group Number: 944499
Reported: 06/01/05 at 03:47 PM

Surrogate Quality Control

Analysis Name: TPH-GRO - Waters
Batch number: 05150A08B

	Trifluorotoluene-F
4529631	101
4529632	95
4529633	98
4529634	96
Blank	102
LCS	97
LCSD	102
MS	97
Limits:	70-142

Analysis Name: TPH-GRO - Waters
Batch number: 05150A08C

	Trifluorotoluene-F
4529635	100
Blank	101
LCS	97
LCSD	102
MS	97
Limits:	70-142

Analysis Name: BTEX+5 Oxygenates by 8260B
Batch number: Z051481AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4529631	95	97	97	92
4529632	95	97	97	93
4529633	96	98	97	92
4529634	96	98	97	92
4529635	96	98	97	93
Blank	95	94	97	92
LCS	95	96	96	95
LCSD	95	96	97	95
MS	96	97	97	96
Limits:	81-120	82-112	85-112	83-113

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Account# 11522 Group# 444499 Sample# 4529631-35

CHAIN OF CUSTODY FORM

Chevron Environmental Management Company ■ 145 S. State College Boulevard ■ Brea, CA 92822-2292 COC 1 of 1

Chevron Site Global ID: T0607900190

Chevron Site Number: 91717

Chevron Site Address: 151 Santa Rosa., San Luis Obispo

Chevron PM: SECOR: c/o Madelaine Montilla
2301 Leghorn, Mountain View, CA 94043

Chevron MT PM Phone No.: (650) 691-0131 x 235

MT Job No: MTCH.91717.06

Chevron Service Code: ZZ02800
X Management Transfer – SO CA Portfolio Job
~~☐ 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: ~~2407 Empresa Dr., Ste. A, San Luis Obispo, CA 93401~~ 11085 North Ave, Cypress CA
Consultant Contact: ~~Todd Porter~~ Monica Arango
Consultant Phone No. ~~(805) 546-0455~~ 714 2300343
Consultant Project No. MTCH.1717.06
Sampling Company: BTST
Sampled By (Print): Andy Wolff
Sampler Signature: Andy Wolff

Del Mar Analytical	Lancaster Laboratories	EDF Required?
☐ Irvine, CA ☐ Colton, CA Lab Contact: ____ Phone No: ☐ (949) 261-1022 ☐ (909) 370-4667	☒ Lancaster, PA Lab Contact: Teresa Cunningham Phone No: ☒ (717) 656-2300	☑ 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 ☐ TPH ☐ 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
QA	T		050518	1045	VOA	2	HCl	X		X									
MW-1	W		↓	1420	↓	4	↓	X		X									
MW-2	↓		↓	1226	↓	↓	↓	X		X									
MW-3	↓		↓	1356	↓	↓	↓	X		X									
MW-4	↓		↓	1408	↓	↓	↓	X		X									

Special Instructions

Temp. Blank Check

Time	Temp
1045	3°
1226	3°
1356	3°
1900	3°

Relinquished By	Company	Date/Time:	Relinquished To	Company	Date/Time:
Andy Wolff	BTS	5/18/05 1900	Locked Refrigerator	BTS	5/18/05 1900
Locked Fridge	BTS	5/20/05 1600	Fedex		5/20/05 1600
			Jesse Zook (Lanc. Labs)		5/23/05

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

Sample Integrity: (Check by lab on arrival)
Intact: ✓ On Ice: ✓ Temp: 4.6

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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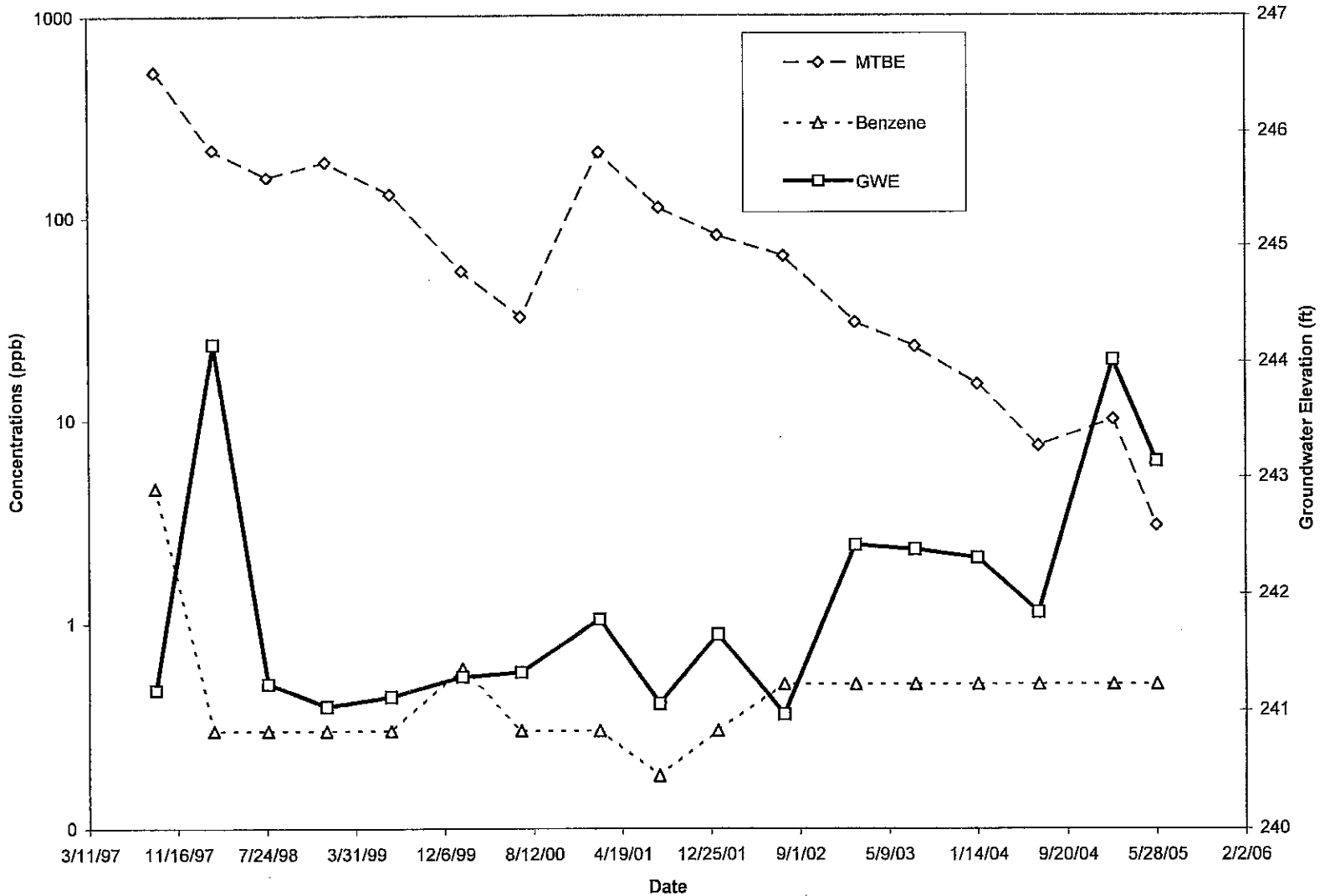
APPENDIX C

Hydrographs for MW-1 through MW-4

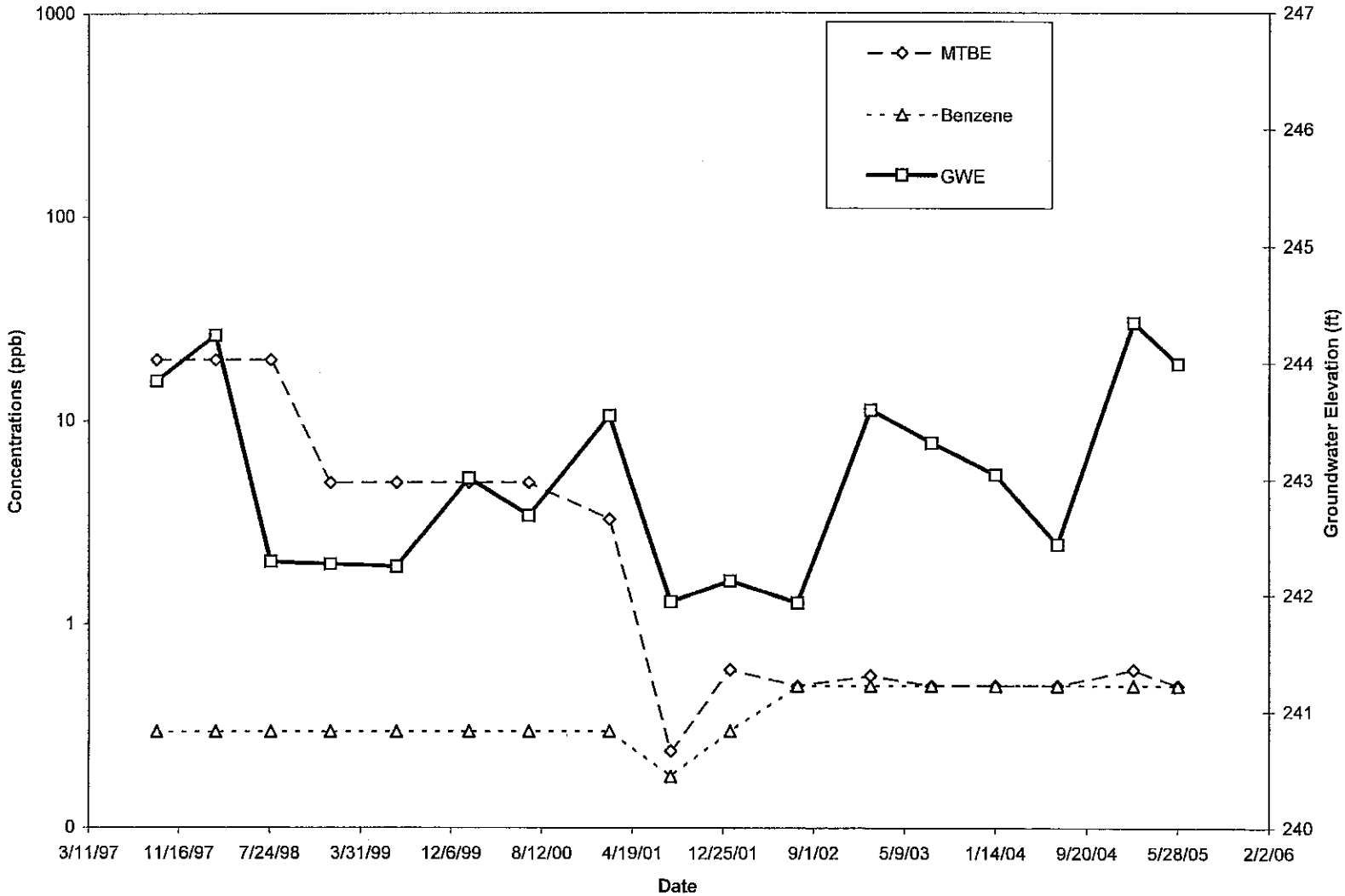
Benzene and MTBE Concentrations and Groundwater Elevations vs. Time

MW-1



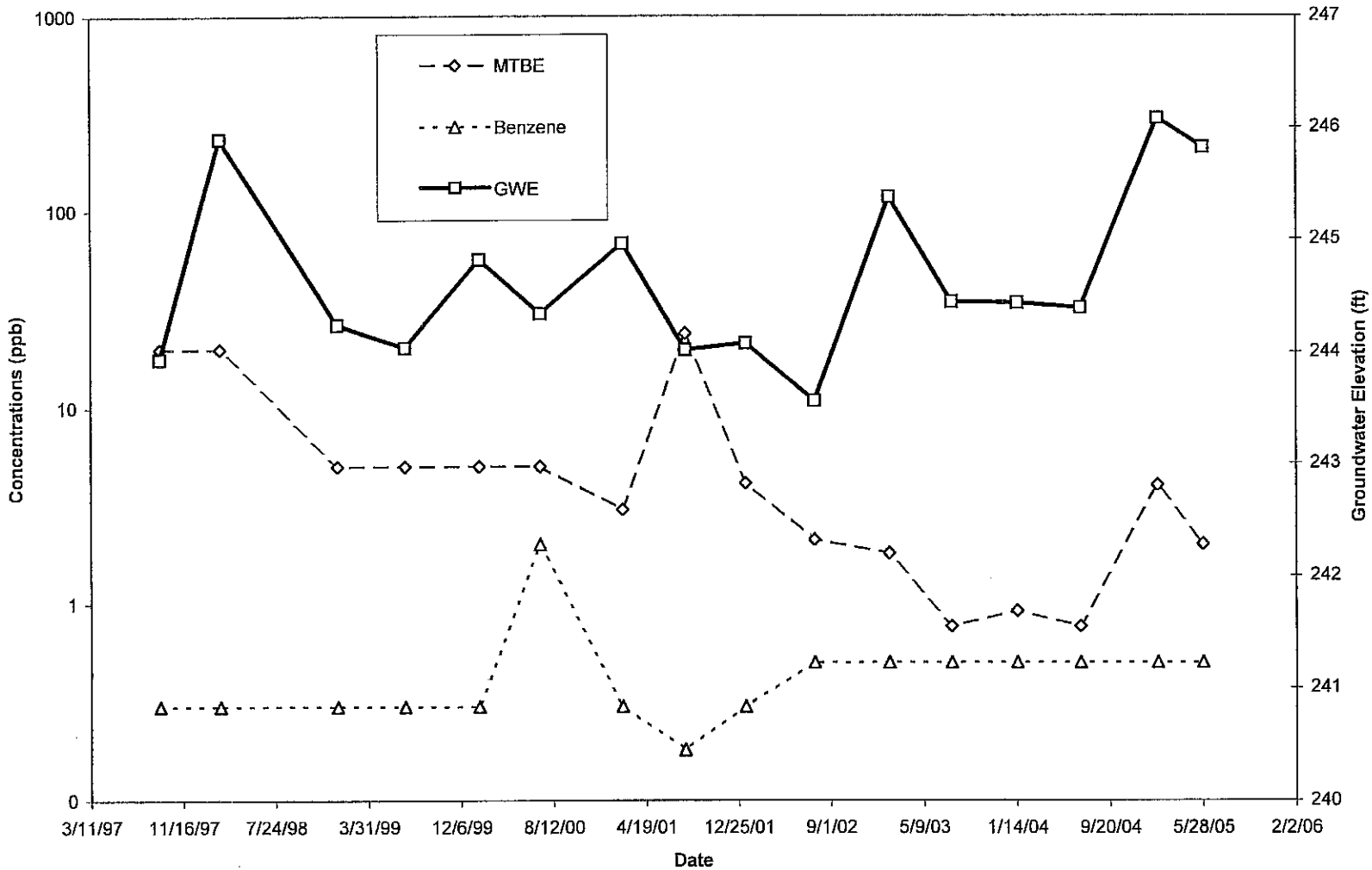
Benzene and MTBE Concentrations and Groundwater Elevations vs. Time

MW-2



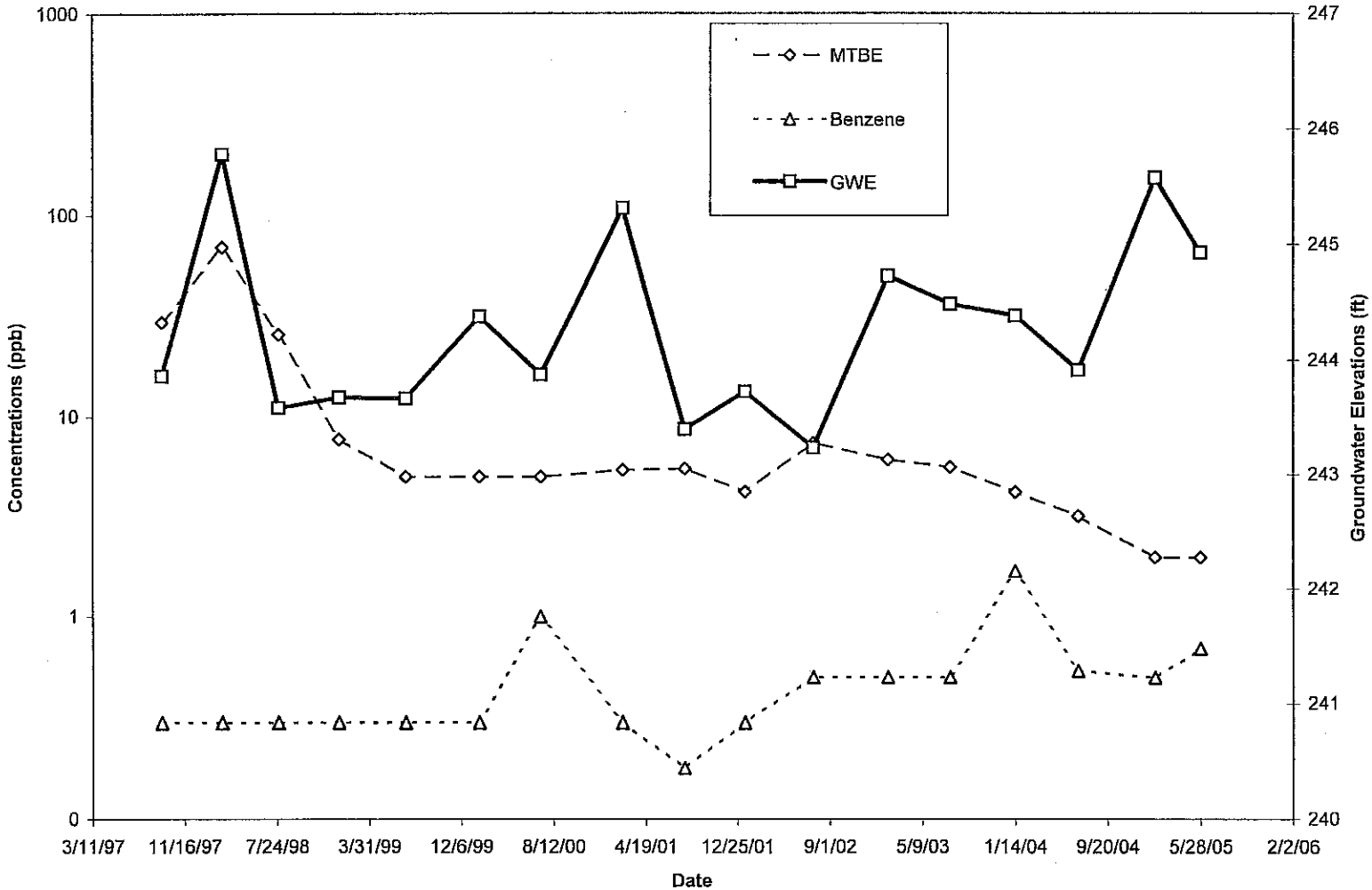
Benzene and MTBE Concentrations and Groundwater Elevations vs. Time

MW-3



Benzene and MTBE Concentrations and Groundwater Elevations vs. Time

MW-4



APPENDIX D

Waste Disposal Document

CHEVRON-SOUTHERN CALIFORNIA TYPE **A** BILL OF LADING

SOURCE RECORD **BILL OF LADING**

FOR NON-HAZARDOUS PURGEWATER RECOVERED FROM GROUNDWATER WELLS AT CHEVRON FACILITIES IN THE STATE OF CALIFORNIA. THE NON-HAZARDOUS PURGE- WATER WHICH HAS BEEN RECOVERED FROM GROUND- WATER WELLS IS COLLECTED BY THE CONTRACTOR, MADE UP INTO LOADS OF APPROPRIATE SIZE AND HAULED BY PSC TO THEIR FACILITY IN LONG BEACH, CALIFORNIA.

The contractor performing this work is BLAINE TECH SERVICES, INC. (BLAINE), 20735 Belshaw Ave., Carson, CA 90746 (phone [310] 885-4455). Blaine Tech Services, Inc. is authorized by CHEVRON PRODUCTS COMPANY to recover, collect, apportion into loads, and haul the Non-Hazardous Well Purgewater that is drawn from wells at the CHEVRON facility indicated below and to deliver that purgewater to BLAINE. Transport routing of the Non-Hazardous Well Purgewater may be direct from one Chevron facility to BLAINE; from one Chevron facility to BLAINE via another Chevron facility; or any combination thereof. The Non-Hazardous Well Purgewater is and remains the property of Chevron Products Company.

This **Source Record** **BILL OF LADING** was initiated to cover the recovery of Non-Hazardous Well Purgewater from wells at the Chevron facility described below:

9-1717

CHEVRON # Chevron Engineer

151 N. Santa Rosa San Luis Obispo, CA

street number street name city state

WELL I.D.	GALS.	WELL I.D.	GALS.
MW-1	52	/	
MW-2	115	/	
MW-3	86	/	
MW-4	61	/	
/		/	
/		/	
/		/	
/		/	

added equip. rinse water / 13

any other adjustments /

TOTAL GALS. RECOVERED 327

loaded onto BTS vehicle #

BTS event # 050518-AW1 time 1500 date 5/18/05

signature [illegible]

* *

REC'D AT time date / /

unloaded by

signature