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SECOR INTERNATIONAL INCORPORATED

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2855 Camino Del Rio N. Suite 302
San Diego, CA 92108
619-296-6195 TEL.
619-296-6199 FAX

DATE: January 30, 2006

CHEVRON THIRD AND FOURTH QUARTER 2005 GROUNDWATER MONITORING REPORT

Chevron Service Station No.:	9-1834
Address:	4175 Voltaire, San Diego, CA
Chevron Environmental Manager:	Mr. Eric Roehl
Consulting Co./Contact Person:	SECOR / Kim Thompson
SECOR Project No.:	08CH.41834.05
Primary Agency:	San Diego Department of Environmental Health
Regulatory ID No.:	H12455-002

WORK PERFORMED DURING THIRD QUARTER 2005:

1. Completed the Third Quarter 2005 groundwater monitoring event on August 3, 2005.

THIRD QUARTER 2005 SUMMARY TABLE:

Groundwater Monitoring Data	
Current Phase of Project:	Groundwater Monitoring
Frequency of Sampling and Monitoring:	Quarterly
Groundwater Sampling Date	August 3, 2005
Groundwater Sampling Sub-Contractor	SECOR International
Groundwater Purge Method:	Submersible Pump
Number of Wells Sampled this Quarter:	3
Number of Wells Existing at the Site	12
Depth to Groundwater Range (ft.):	48.61 ft. to 52.15 ft.
Groundwater Elevation Range [feet above mean sea level (MSL)]:	17.95 feet MSL to 19.50 feet MSL.
Groundwater Gradient Flow Direction:	East
Third Quarter Groundwater Gradient:	0.022 ft/ft
Wells with Detectable Dissolved-Phase Hydrocarbon Concentrations:	MW-1, MW-7 & MW-9
Highest dissolved-phase hydrocarbons were observed in wells:	MW-1 & MW-9
Total petroleum hydrocarbon as gasoline (TPH-g) Concentrations Range:	<250 micrograms per liter (µg/L) to 53,000 µg/L (MW-9)
Benzene Concentrations Range:	8.9 µg/L to 4,500 µg/L (MW-1)
Toluene Concentrations Range:	12 µg/L to 8,600 µg/L (MW-9)
Ethylbenzene Concentrations Range:	1.2 µg/L to 2,100 µg/L (MW-1)
Total Xylenes Concentrations Range:	4.8 µg/L to 15,000 µg/L (MW-9)
Methyl tert-butyl ether (MTBE) Concentrations Range:	<2.5 µg/L to 720 µg/L (MW-1)
Di-isopropyl ether (DIPE) Concentrations Range:	Not detected (<12.0 µg/L to <1,000 µg/L)

DATE: January 30, 2006

THIRD AND FOURTH QUARTER 2005 GROUNDWATER MONITORING REPORT
FORMER CHEVRON SERVICE STATION 9-1834
4175 Voltaire, San Diego, CA

Groundwater Monitoring Data	
Ethyl tert-butyl ether (ETBE) Concentrations Range:	Not detected (<12.0 µg/L to <1,000 µg/L)
Tert-amyl methyl ether (TAME) Concentrations Range:	Not detected (<12.0 µg/L to <1,000 µg/L)
Tert-butanol (TBA) Concentrations Range:	Not detected (<62 µg/L to <5,000 µg/L)
Remedial Activities	
Historic Remedial Activities:	SVE
Historical Mass Removal (pounds):	6,277
Historical Liquid Phase Hydrocarbons (LPH) Removal (gallons):	15.4
Historical Groundwater Removal:	0
Current Remediation Techniques:	MNA
Permits for Discharge:	APCD
Are LPH Present On-site:	No
LPH Recovered This Reporting Period (gals):	None
AB 2886 Agency Compliance	
Submittal to GeoTracker Confirmation Number:	7439747810

THIRD QUARTER 2005 DISCUSSION:

In general, the analytical data was consistent with historical trends. Static depth-to-water (DTW) measurements in Site groundwater monitoring wells (MWs) on August 3, 2005, ranged between 48.61 and 52.15 feet below ground surface (bgs). Calculated groundwater elevations varied from 17.95 to 19.50 feet above mean sea level (MSL). The hydraulic gradient was calculated to be 0.022 vertical foot per horizontal foot (ft/ft) toward the east.

WORK PERFORMED DURING FOURTH QUARTER 2005:

1. Completed the Fourth Quarter 2005 groundwater monitoring event on October 20, 2005. Soil vapor extraction (SVE) system was shut down due to reaching asymptotic hydrocarbon mass removal rate. Five confirmation soil borings were installed in October, 2005 to assess the vertical extent of residual hydrocarbon impacts to soil remaining at the site, subsequent to active remediation by SVE.

DATE: January 30, 2006

THIRD AND FOURTH QUARTER 2005 GROUNDWATER MONITORING REPORT
FORMER CHEVRON SERVICE STATION 9-1834
4175 Voltaire, San Diego, CA

FOURTH QUARTER 2005 SUMMARY TABLE:

Groundwater Monitoring Data	
Current Phase of Project:	Groundwater Monitoring
Frequency of Sampling and Monitoring:	Quarterly
Groundwater Sampling Date	October 20, 2005
Groundwater Sampling Sub-Contractor	SECOR International
Groundwater Purge Method:	Submersible Pump
Number of Wells Sampled this Quarter:	12
Number of Wells Existing at the Site	12
Depth to Groundwater Range (ft.):	48.45 ft. to 52.03 ft.
Groundwater Elevation Range [feet above mean sea level (MSL)]:	18.01 feet MSL to 19.62 feet MSL
Groundwater Gradient Flow Direction:	East
Fourth Quarter Groundwater Gradient:	0.033 ft/ft
Wells with Detectable Dissolved-Phase Hydrocarbon Concentrations:	MW-1, MW-3, MW-5, MW-7 through MW-9
Highest dissolved-phase hydrocarbons were observed in wells:	MW-1 & MW-9
Total petroleum hydrocarbon as gasoline (TPH-g) Concentrations Range:	<100 µg/L to 16,000 µg/L (MW-9)
Benzene Concentrations Range:	<0.50 µg/L to 1,200 µg/L (MW-1)
Toluene Concentrations Range:	<0.50 µg/L to 2,900 µg/L (MW-9)
Ethylbenzene Concentrations Range:	<0.50 µg/L to 490 µg/L (MW-9)
Total Xylenes Concentrations Range:	<1.5 µg/L to 4,500 µg/L (MW-9)
Methyl tert-butyl ether (MTBE) Concentrations Range:	<1.0 µg/L to 130 µg/L (MW-9)
Di-isopropyl ether (DIPE) Concentrations Range:	Not detected (<5.0 µg/L to <120 µg/L) to detected 7.7 µg/L (MW-5)
Ethyl tert-butyl ether (ETBE) Concentrations Range:	Not detected (<5.0 µg/L to <120 µg/L)
Tert-amyl methyl ether (TAME) Concentrations Range:	Not detected (<5.0 µg/L to <120 µg/L)
Tert-butanol (TBA) Concentrations Range:	Not detected (<25 µg/L to <620 µg/L) to detected 41 µg/L (MW-5)
Remedial Activities	
Historic Remedial Activities:	SVE
Historical Mass Removal (pounds):	6,205
Historical LPH Removal (gallons):	15.4
Historical Groundwater Removal:	0
Current Remediation Techniques:	MNA

DATE: January 30, 2006

THIRD AND FOURTH QUARTER 2005 GROUNDWATER MONITORING REPORT
FORMER CHEVRON SERVICE STATION 9-1834
4175 Voltaire, San Diego, CA

Groundwater Monitoring Data	
Permits for Discharge:	APCD
Are LPH Present On-site:	No
LPH Recovered This Reporting Period (gals):	None
AB 2886 Agency Compliance	
Submittal to GeoTracker Confirmation Number:	3110993981

FOURTH QUARTER 2005 DISCUSSION:

In general, the analytical data was consistent with historical trends. Static DTW measurements in Site MWs on October 20, 2005, ranged between 48.45 and 52.03 feet bgs. Calculated groundwater elevations ranged from 18.01 to 19.62 feet above MSL. The hydraulic gradient was calculated to be 0.033 ft/ft with groundwater flowing toward the east.

CONCLUSIONS AND RECOMMENDATIONS:

The SVE system was shutdown on February 2, 2005 to allow groundwater conditions at the Site to be evaluated for closure. SECOR completed the installation of five confirmation borings during third quarter 2005 to assess the extent of residual hydrocarbon impacts remaining at the Site. A complete site assessment report and evaluation for closure will be submitted February, 2006. SECOR recommends discontinuing quarterly groundwater monitoring until the closure evaluation is reviewed by the San Diego County Department of Environmental Health Site Assessment and Mitigation Program (SAM).

If you have any questions about this report or project, please call the undersigned at (619) 296-6195.

Sincerely,

SECOR International Incorporated

Kimberly N. Thompson For:
Jeremiah S. Santini
Staff Geologist

Kimberly N. Thompson
Kimberly N. Thompson
Project Manager

PROFESSIONAL GEOLOGIST NO. 514 CLIFFORD R. POLLOCK Certified Hydrogeologist No. HG514 Expires 11/30/06 STATE OF CALIFORNIA

Clifford R. Pollock, CHG #514
Principal Engineering Geologist

DATE: January 30, 2006

THIRD AND FOURTH QUARTER 2005 GROUNDWATER MONITORING REPORT
FORMER CHEVRON SERVICE STATION 9-1834
4175 Voltaire, San Diego, CA

ATTACHED:

Figures
Figure 1 – Site Location Map
Figure 2 – Groundwater Gradient Map – August 3, 2005
Figure 3 – Hydrocarbon Constituents Distribution Map – August 3, 2005
Figure 4 – Groundwater Gradient Map – October 20, 2005
Figure 5 – Hydrocarbon Constituents Distribution Map – October 20, 2005

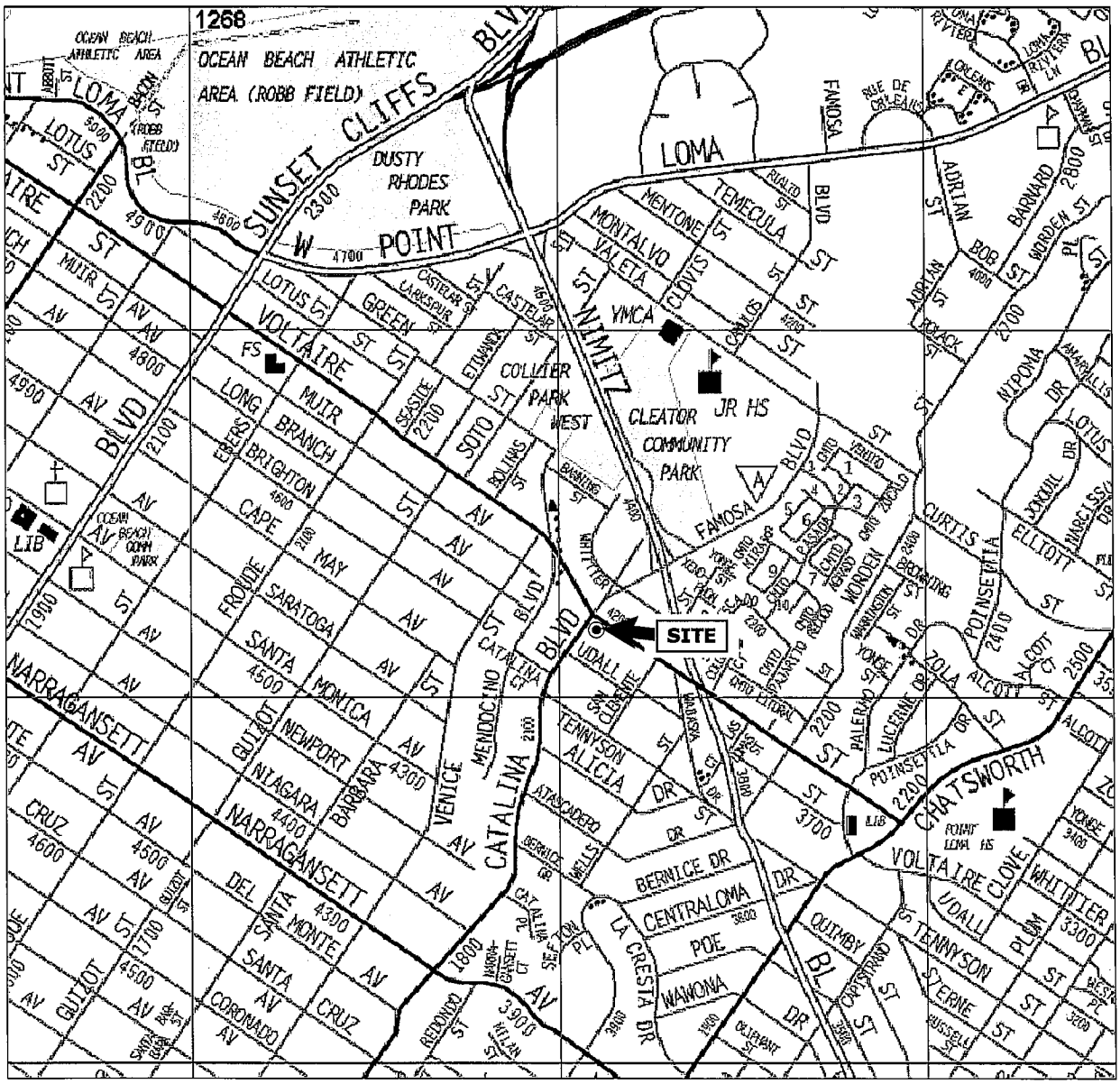
Tables
Table 1 – Summary of Third Quarter 2005 Groundwater Levels and Chemical Analysis Results
Table 2 – Summary of Fourth Quarter 2005 Groundwater Levels and Chemical Analysis Results
Table 3 – Historic Groundwater Levels and Chemical Analysis Results

Hydrographs

Appendices
Appendix A - Laboratory Reports and Chain-of-Custody Documentation
Appendix B - Monitoring Well Gauging Logs and Well Purging and Sampling Logs
Appendix C - Monitoring Well Purging and Sampling Procedures

PROFESSIONAL GEOLOGIST NO. 4148
CLIFFORD R. POLLOCK
Certified
Hydrogeologist
No. HG514
Expires 11/30/06
STATE OF CALIFORNIA

FIGURES



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

NORTH

0 1320 2640

APPROXIMATE SCALE IN FEET

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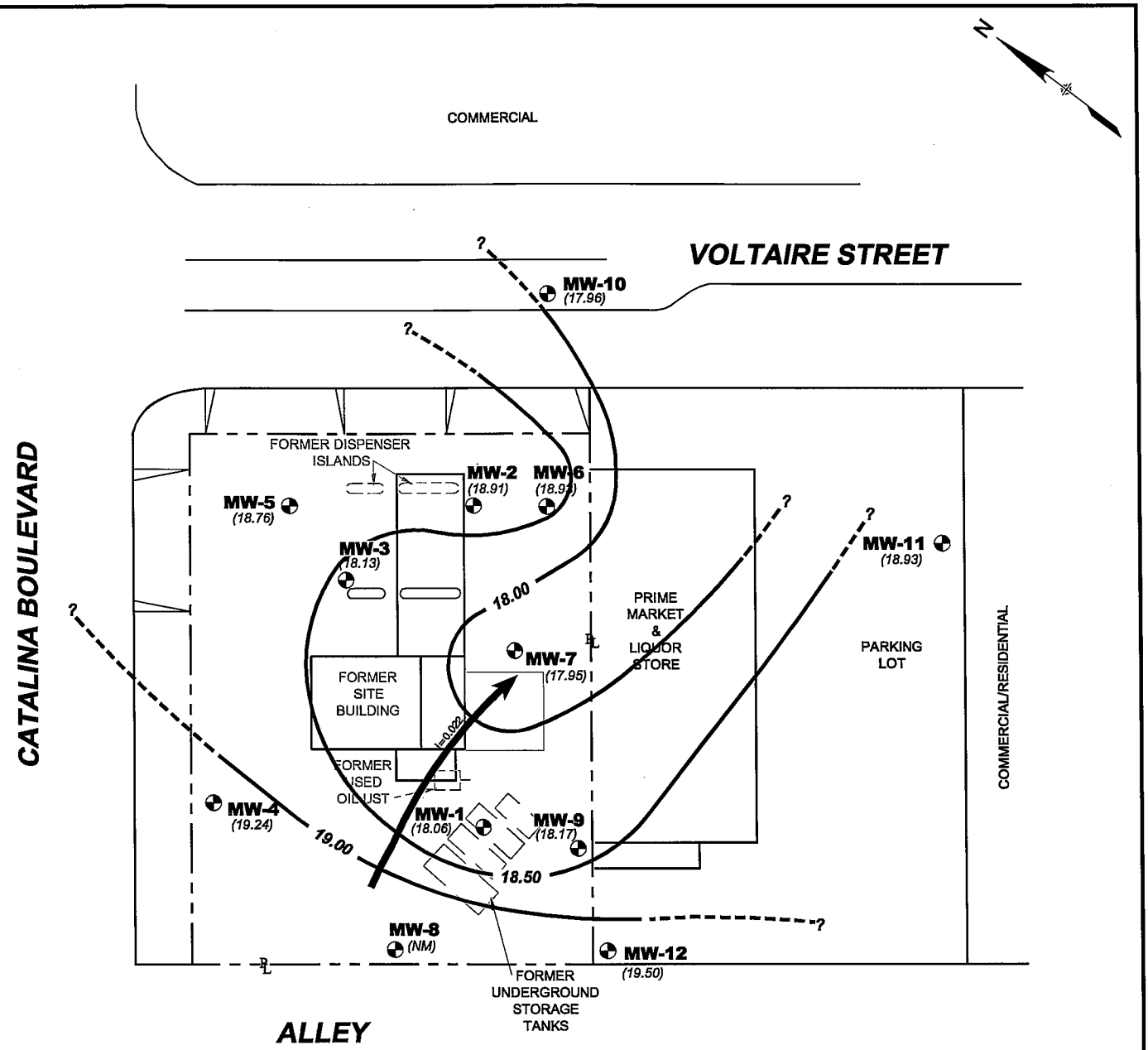
PREPARED FOR:			FIGURE:
FORMER CHEVRON STATION NO. 9-1834 4175 VOLTAIRE STREET SAN DIEGO, CALIFORNIA		SITE LOCATION MAP	1
JOB NUMBER: 08CH.41834.05	DRAWN BY: PD	CHECKED BY:	APPROVED BY:	DATE: 5/26/05

FILEPATH:Q:\CADD-08\Projects 2005\ChevronTexaco\9-1834-2K5\9-1834-STLOC.dwg | jalonzo | Dec 08, 2005 at 8:06 | Layout: Model



LEGEND:

- MONITORING WELL
- APPROXIMATE PROPERTY BOUNDARY
- (17.96) GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (MSL)
- ?-- 18.50 — ESTIMATED GROUNDWATER ELEVATION CONTOUR IN FEET ABOVE MSL. DASHED WHERE INFERRED. QUERIED WHERE UNKNOWN.
- i=0.022 APPROXIMATE DIRECTION OF GROUNDWATER FLOW AND HYDRAULIC GRADIENT (i)
- * ANOMALOUS DATA NOT USED IN CONTOURING
- (NM) NOT MEASURED

0 40 80
APPROXIMATE SCALE IN FEET

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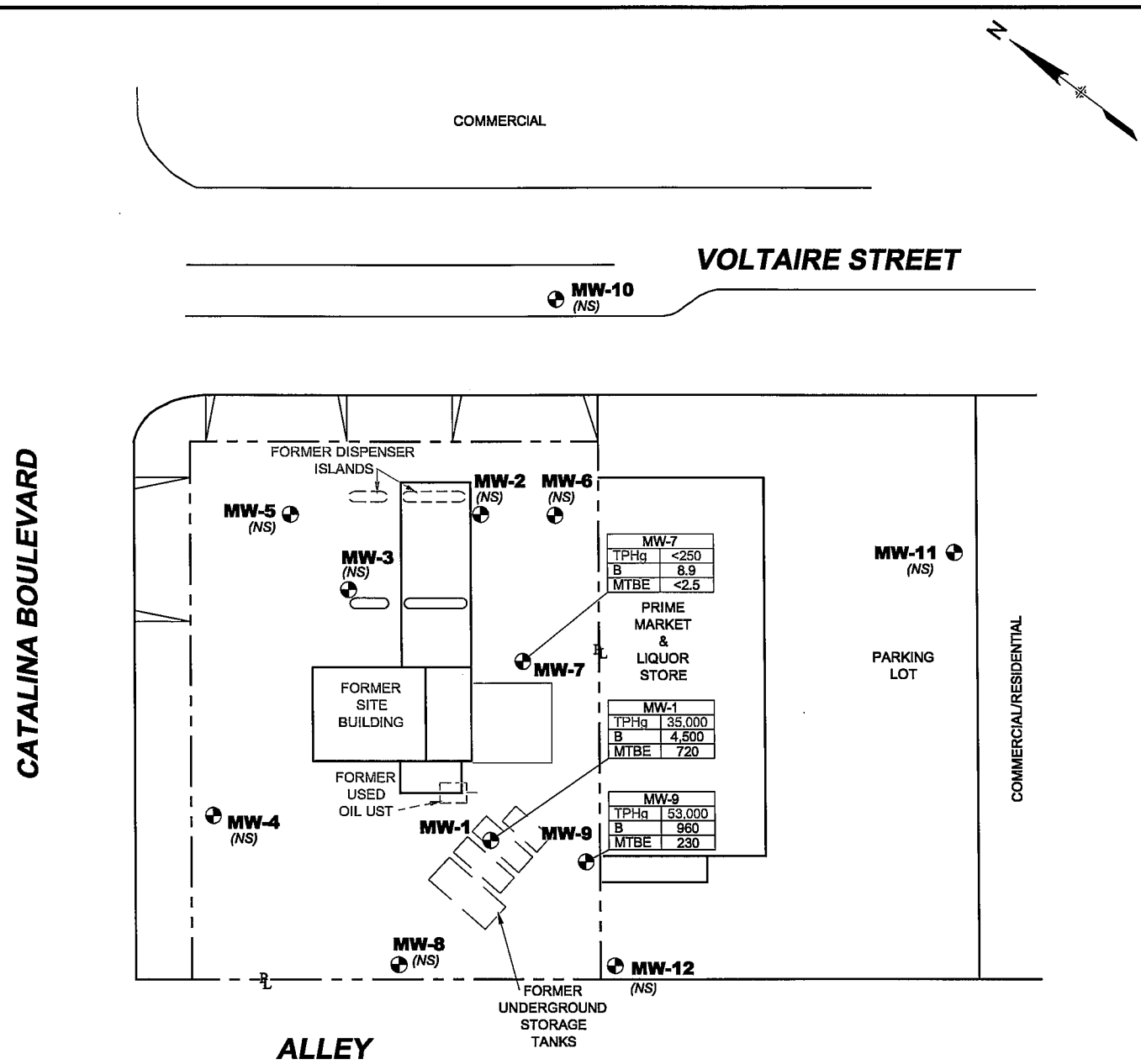
FOR:			FIGURE:
FORMER CHEVRON STATION No. 9-1834 4175 VOLTAIRE STREET SAN DIEGO, CALIFORNIA		GROUNDWATER GRADIENT MAP AUGUST 3, 2005	2
JOB NUMBER: 08CH.41834.05	DRAWN BY: PD	CHECKED BY:	APPROVED BY:	DATE: 9/7/05

FILEPATH:Q:\CADD-08\Projects 2005\ChevronTexaco\9-1834-2K5\9-1834GW3Q-05.dwg|jalonzo|Dec 06, 2005 at 13:41|Layout: GW



LEGEND:

- MONITORING WELL
- APPROXIMATE PROPERTY BOUNDARY

MW-7	
TPHg	<250
B	8.9
MTBE	<2.5

TPHg/BENZENE/MTBE CONCENTRATIONS IN GROUNDWATER SAMPLES. CONCENTRATIONS REPORTED IN MICROGRAMS PER LITER (μg/L)

TPHg TOTAL PETROLEUM HYDROCARBONS AS GASOLINE

B BENZENE

MTBE METHYL TERT-BUTYL ETHER

< BELOW LABORATORY REPORTING LIMIT INDICATED

(NS) NOT SAMPLED

0 40 80

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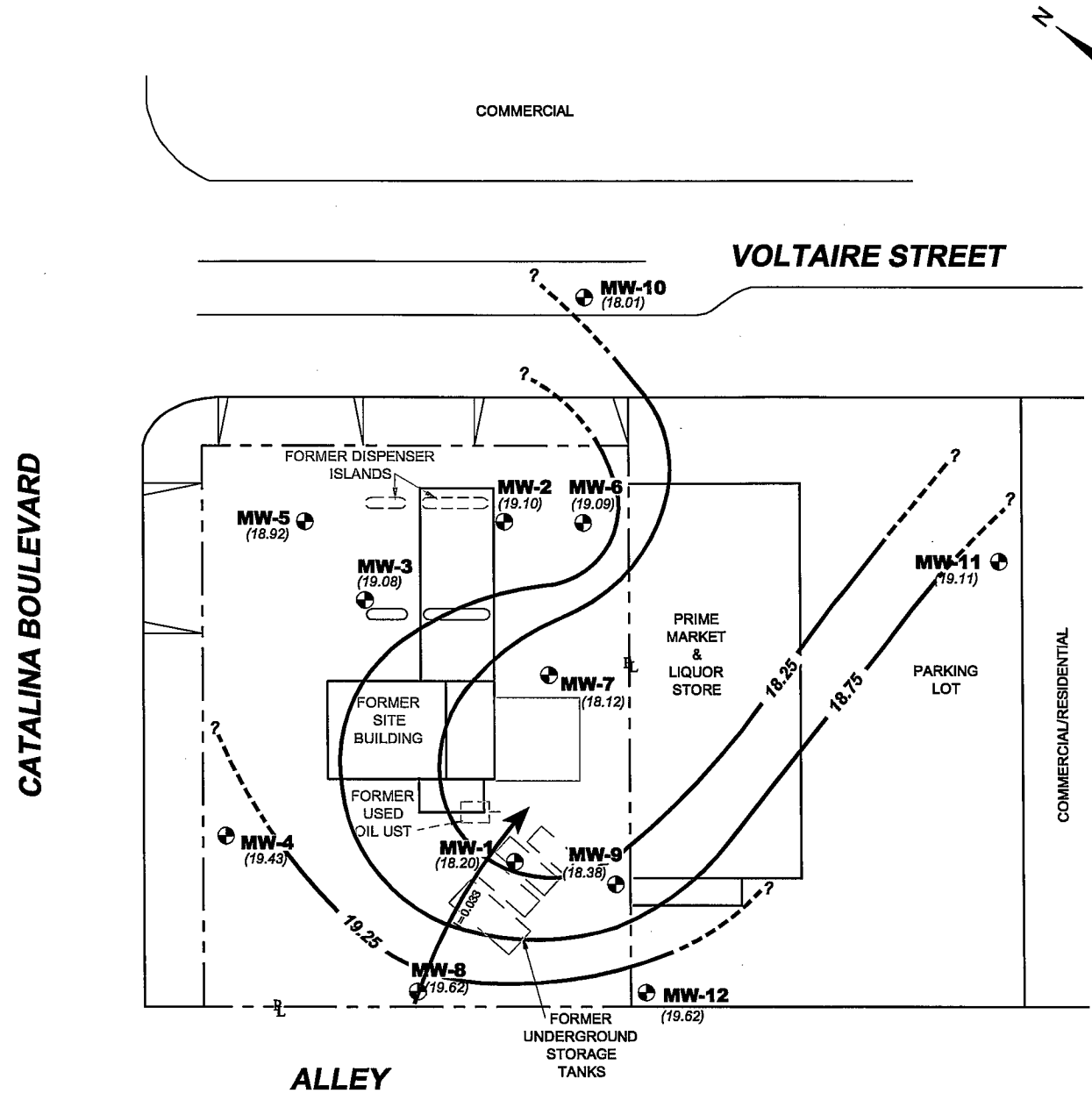
FOR:
FORMER CHEVRON STATION No. 9-1834
4175 VOLTAIRE STREET
SAN DIEGO, CALIFORNIA

HYDROCARBON CONSTITUENTS DISTRIBUTION MAP
AUGUST 3, 2005

FIGURE: 3

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
08CH.41834.05	PD			9/7/05

FILEPATH:Q:\CADD-08\Projects 2005\ChevronTexaco\9-1834-2K5\9-1834GW3Q-05.dwg|jalonzo|Dec 06, 2005 at 13:43|Layout: CON



LEGEND:

- MONITORING WELL
- APPROXIMATE PROPERTY BOUNDARY
- (19.11) GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (MSL)
- ?-- 19.25 -- ESTIMATED GROUNDWATER ELEVATION CONTOUR IN FEET ABOVE MSL. DASHED WHERE INFERRED. QUERIED WHERE UNKNOWN.
- i=0.022 APPROXIMATE DIRECTION OF GROUNDWATER FLOW AND HYDRAULIC GRADIENT (i)
- * ANOMALOUS DATA NOT USED IN CONTOURING
- (NM) NOT MEASURED

0 40 80
APPROXIMATE SCALE IN FEET

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FOR:
FORMER CHEVRON STATION No. 9-1834
4175 VOLTAIRE STREET
SAN DIEGO, CALIFORNIA

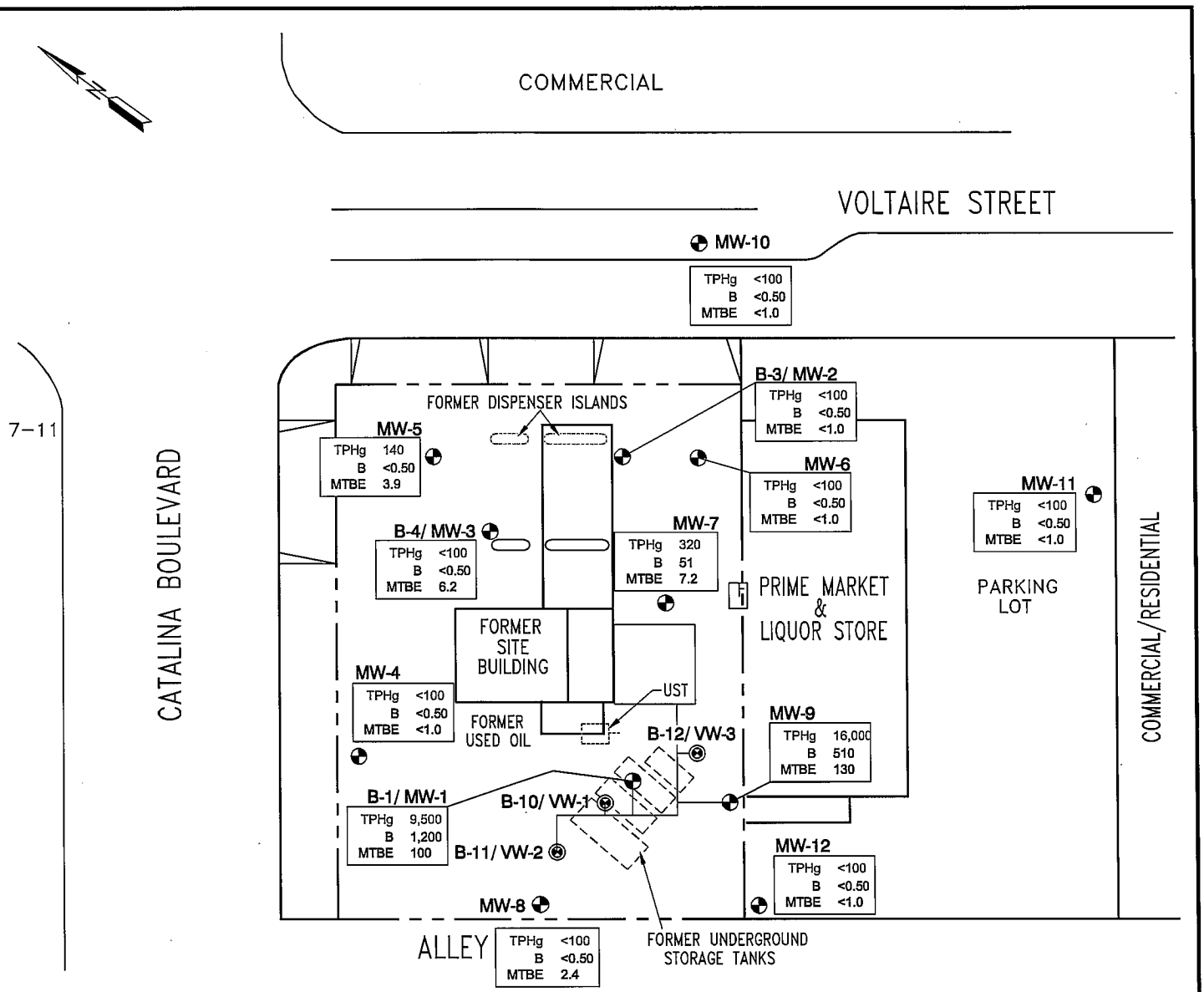
GROUNDWATER GRADIENT MAP
OCTOBER 20, 2005

FIGURE: 4

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
08CH.41834.05	PD			12/13/05

FILEPATH:Q:\CADD-08\Projects 2005\ChevronTexaco\9-1834-2K5\9-1834GW4Q-05.dwg|jalonzo|Dec 16, 2005 at 10:25|Layout: GW

TABLES



LEGEND:

MW-1	MONITORING WELL
TPHg <100 B <0.50 MTBE <1.0	TPHg/BENZENE/MTBE CONCENTRATIONS IN GROUNDWATER SAMPLES COLLECTED ON _____. CONCENTRATIONS REPORTED IN MICROGRAMS PER LITER (mg/L)
TPHg	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
B	BENZENE
MTBE	METHYL TERT-BUTYL ETHER
<	BELOW LABORATORY REPORTING LIMIT INDICATED

0 40 80

APPROXIMATE SCALE (FEET)

SECOR
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PREPARED FOR:
FORMER CHEVRON
STATION NO. 9-1834
4175 VOLTAIRE STREET
SAN DIEGO, CALIFORNIA

HYDROCARBON CONSTITUENTS
DISTRIBUTION MAP
OCTOBER 20, 2005

FIGURE: 5

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
08CH.41834.05	JA			12/02/05

FILEPATH:Q:\CADD-08\Projects 2005\ChevronTexaco\9-1834-2K5\9-1834SPWCS12-05.dwg | jalonzo | Dec 06, 2005 at 13:47 | Layout: Model

Table 1
Summary of Third Quarter 2005 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	8/3/2005	51.53	18.06	--	35000	4500	8500	880	4700	720	<1000	<1000	<1000	<5000
MW-2	8/3/2005	49.11	18.91	--	--	--	--	--	--	--	--	--	--	--
MW-3	8/3/2005	49.88	18.13	--	--	--	--	--	--	--	--	--	--	--
MW-4	8/3/2005	50.61	19.24	--	--	--	--	--	--	--	--	--	--	--
MW-5	8/3/2005	48.61	18.76	--	--	--	--	--	--	--	--	--	--	--
MW-6	8/3/2005	49.63	18.93	--	--	--	--	--	--	--	--	--	--	--
MW-7	8/3/2005	50.57	17.95	--	<250	8.9	12	1.2	4.8	<2.5	<12	<12	<12	<62
MW-8	8/3/2005	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/3/2005	51.20	18.17	--	53000	960	8600	2100	15000	230	<1000	<1000	<1000	<5000
MW-10	8/3/2005	50.11	17.96	--	--	--	--	--	--	--	--	--	--	--
MW-11	8/3/2005	51.27	18.93	--	--	--	--	--	--	--	--	--	--	--
MW-12	8/3/2005	52.15	19.50	--	--	--	--	--	--	--	--	--	--	--

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. GEIMS Global ID # T0607302116

* was measured as 15.04 ft bgs DTW in field notes

Table 2
Summary of Fourth Quarter 2005 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	10/20/05	51.39	18.20	--	9500	1200	2400	290	1400	100	<120	<120	<120	<620
MW-2	10/20/05	48.92	19.10	--	<100	<0.50	<0.50	<0.50	<1.5	<1.0	<5.0	<5.0	<5.0	<25
MW-3	10/20/05	48.93	19.08	--	<100	<0.50	<0.50	<0.50	<1.5	6.2	<5.0	<5.0	<5.0	<25
MW-4	10/20/05	50.42	19.43	--	<100	<0.50	<0.50	<0.50	<1.5	<1.0	<5.0	<5.0	<5.0	<25
MW-5	10/20/05	48.45	18.92	--	140	<0.50	<0.50	<0.50	<1.5	3.9	7.7	<5.0	<5.0	41
MW-6	10/20/05	49.47	19.09	--	<100	<0.50	<0.50	<0.50	<1.5	<1.0	<5.0	<5.0	<5.0	<25
MW-7	10/20/05	50.40	18.12	--	320	51	0.74	<0.50	<1.5	7.2	<5.0	<5.0	<5.0	<25
MW-8	10/20/05	50.88	19.62	--	<100	<0.50	<0.50	<0.50	<1.5	2.4	<5.0	<5.0	<5.0	<25
MW-9	10/20/05	50.99	18.38	--	16000	510	2900	490	4500	130	<100	<100	<100	<500
MW-10	10/20/05	50.06	18.01	--	<100	<0.50	<0.50	<0.50	<1.5	<1.0	<5.0	<5.0	<5.0	<25
MW-11	10/20/05	51.09	19.11	--	<100	<0.50	<0.50	<0.50	<1.5	<1.0	<5.0	<5.0	<5.0	<25
MW-12	10/20/05	52.03	19.62	--	<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. GEIMS Global ID # T0607302116

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
	3/1/05	52.14	17.45	--	Sheen	41000	4900	5900	1600	7600	--	430	<500	<500	<500	<2500
	5/5/05	51.86	17.73	--	--	81000	12000	19000	2100	9600	--	1400	<1000	<1000	<1000	<5000
	8/3/05	51.53	18.06	--	--	35000	4500	8500	880	4700	--	720	<1000	<1000	<1000	<5000
	10/20/05	51.39	18.20	--	--	9500	1200	2400	290	1400	--	100	<120	<120	<120	<620
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
	3/1/05	49.76	18.26	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/5/05	49.41	18.61	--	--	<100	4.6	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25
	8/3/05	49.11	18.91	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/20/05	48.92	19.10	--	--	<100	<0.50	<0.50	<0.50	<1.5	--	<1.0	<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
	3/1/05	49.68	18.33	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/5/05	49.39	18.62	--	--	110	<0.50	<0.50	1.6	<1.5	--	5.1	<5.0	<5.0	<5.0	<25
	8/3/05	49.88	18.13	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/20/05	48.93	19.08	--	--	<100	<0.50	<0.50	<0.50	<1.5	--	6.2	<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
	3/1/05	51.23	18.62	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/5/05	50.93	18.92	--	--	<100	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25
	8/3/05	50.61	19.24	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/20/05	50.42	19.43	--	--	<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
	3/1/05	49.17	18.20	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/5/05	48.9	18.47	--	--	400	4.9	0.55	4.2	2.6	--	2.0	20	<5.0	<5.0	89
	8/3/05	48.61	18.76	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/20/05	48.45	18.92	--	--	140	<0.50	<0.50	<0.50	<1.5	--	3.9	7.7	<5.0	<5.0	41
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
	3/1/05	50.28	18.28	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/5/05	50.02	18.54	--	--	<100	<0.50	<0.50	<0.50	<1.5	--	1.4	<5.0	<5.0	<5.0	<25
	8/3/05	49.63	18.93	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/20/05	49.47	19.09	--	--	<100	<0.50	<0.50	<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
	3/1/05	51.2	17.32	--	--	290	150	1.2	17	7.5	--	3.9	<5.0	<5.0	<5.0	<25
	5/5/05	50.88	17.64	--	--	540	170	4.9	37	29	--	2.3	<10	<10	<10	<50
	8/3/05	50.57	17.95	--	--	<250	8.9	12	1.2	4.8	--	<2.5	<12	<12	<12	<62
	10/20/05	50.4	18.12	--	--	320	51	0.74	<0.50	<1.5	--	7.2	<5.0	<5.0	<5.0	<25
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
	3/1/05	51.66	18.84	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/5/05	51.41	19.09	--	--	<100	<0.50	<0.50	<0.50	<1.5	--	3.1	<5.0	<5.0	<5.0	<25
	8/3/05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/20/05	50.88	19.62	--	--	<100	<0.50	<0.50	<0.50	<1.5	--	2.4	<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
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-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	48.39	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
	3/1/05	51.78	17.59	--	--	40000	1300	6700	1500	9600	--	220	<500	<500	<500	<2500
	5/5/05	51.47	17.90	--	--	76000	1400	8000	2200	13000	--	290	<500	<500	<500	<2500
	8/3/05	51.20	18.17	--	--	53000	960	8600	2100	15000	--	230	<1000	<1000	<1000	<5000
	10/20/05	50.99	18.38	--	--	16000	510	2900	490	4500	--	130	<100	<100	<100	<500
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

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-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
	3/1/05	50.72	17.35	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/5/05	50.4	17.67	--	--	<100	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25
	8/3/05	50.11	17.96	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/20/05	50.06	18.01	--	--	<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
	3/1/05	51.9	18.30	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/5/05	51.58	18.62	--	--	<100	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25
	8/3/05	51.27	18.93	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/20/05	51.09	19.11	--	--	<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
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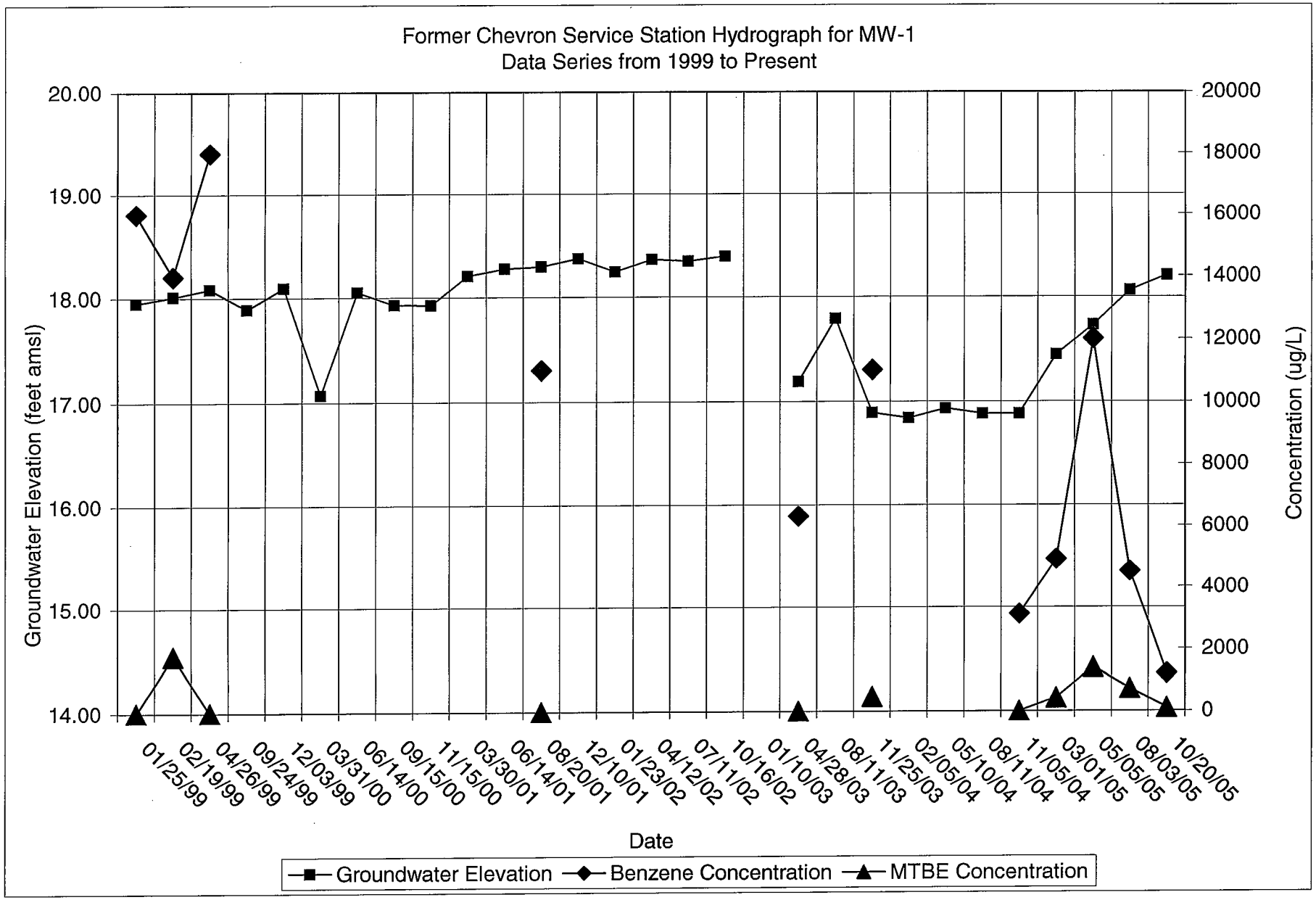
Former Chevron Station 9-1834, 4175 Voltaire Street, San Diego, California

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-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
	3/1/05	52.89	18.76	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/5/05	52.51	19.14	--	--	<100	<0.50	<0.50	1.3	3.3	--	<1.0	<5.0	<5.0	<5.0	<25
	8/3/05	52.15	19.50	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/20/05	52.03	19.62	--	--	<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), *** = Groundwater elevations have been modified using the most recent survey data,
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. Former Chevron Service Station

HYDROGRAPHS

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



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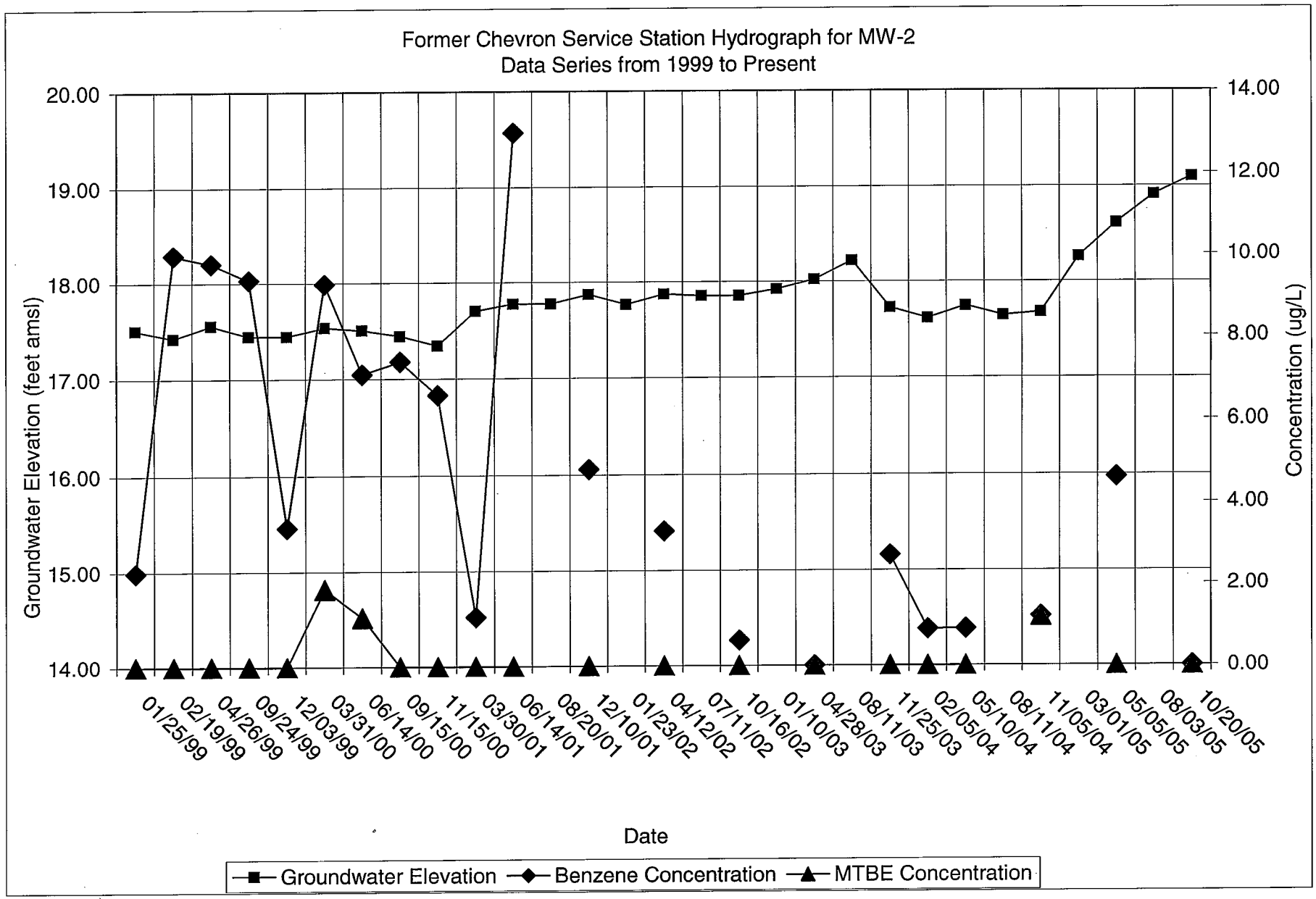

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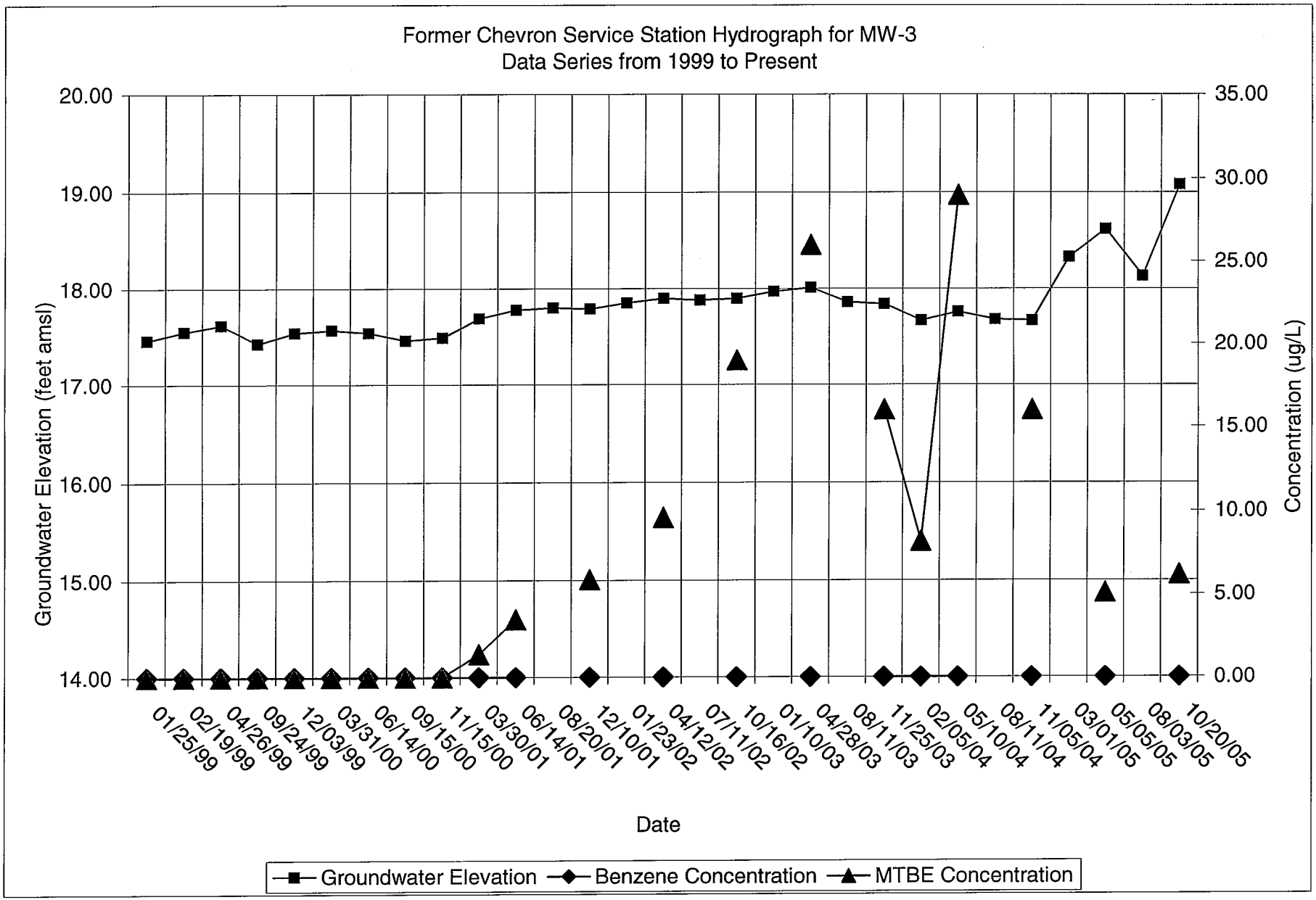

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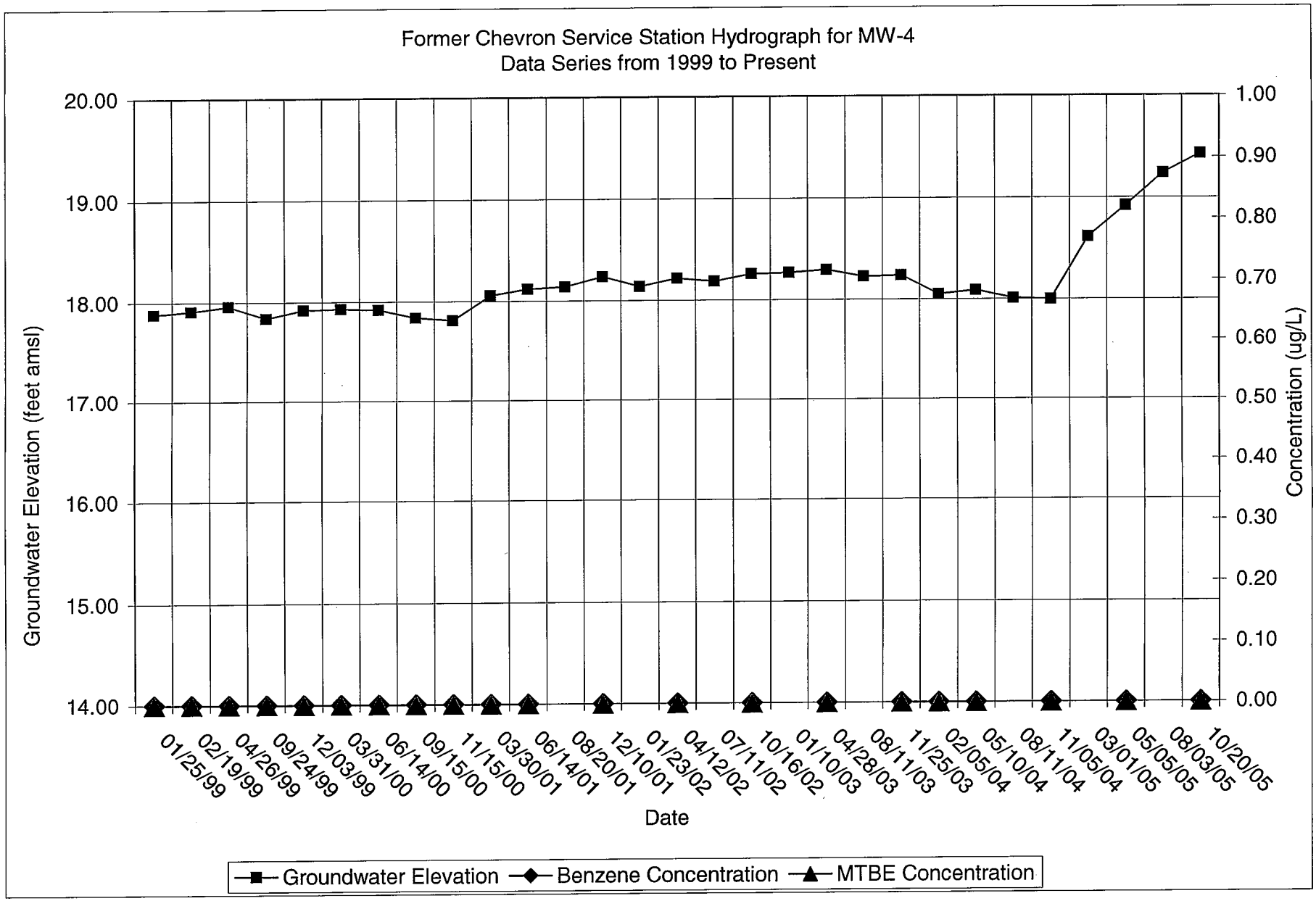

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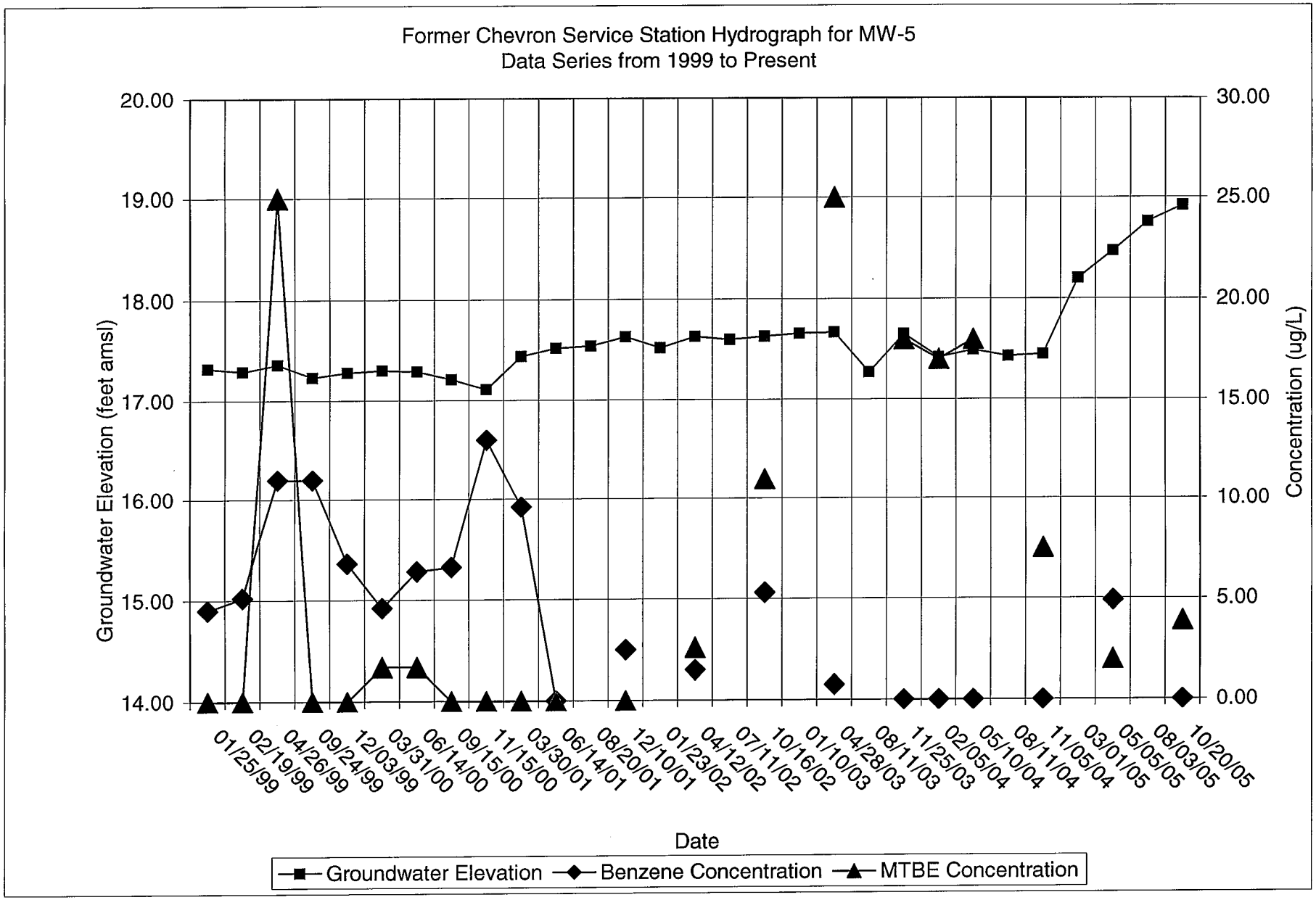

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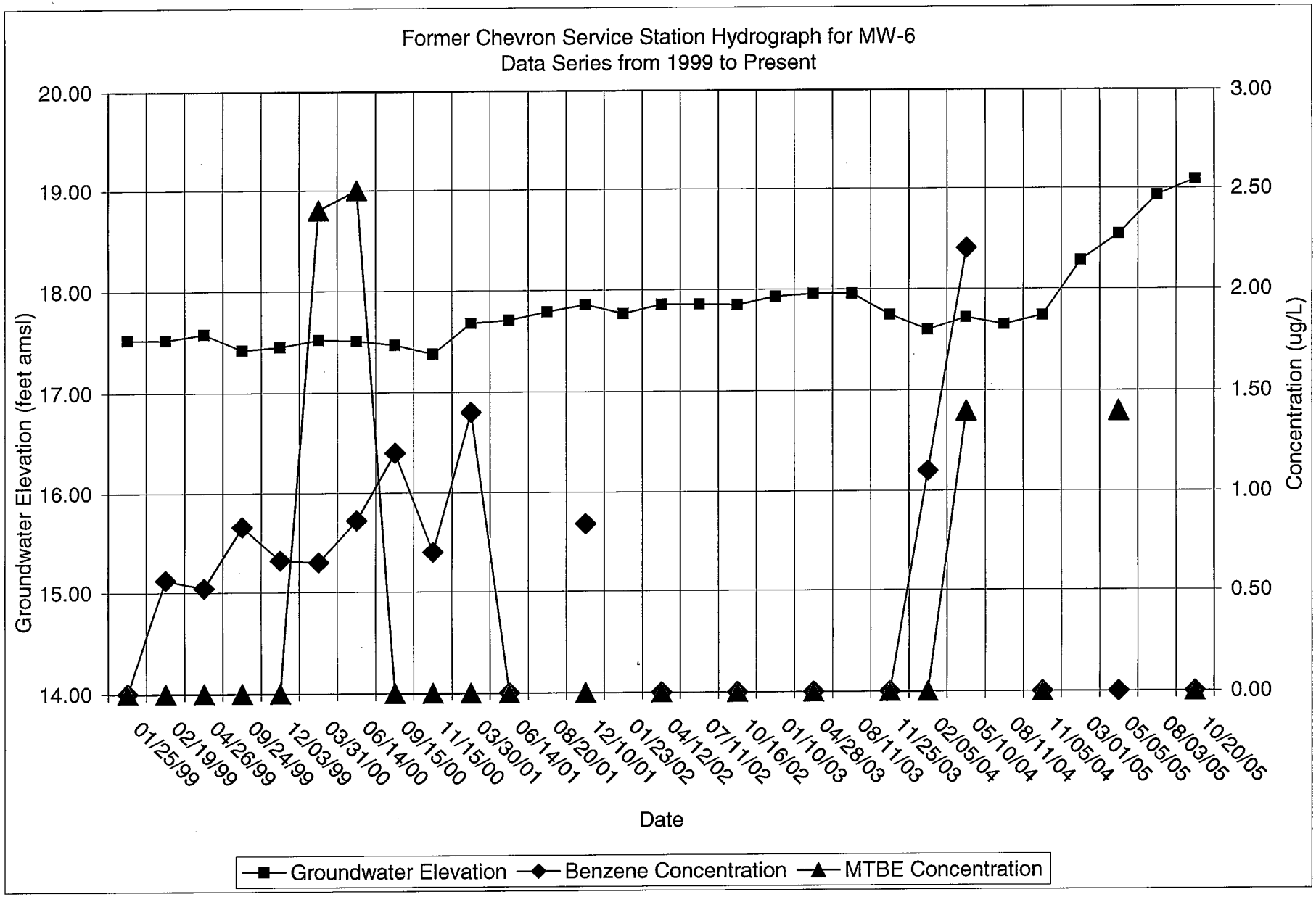

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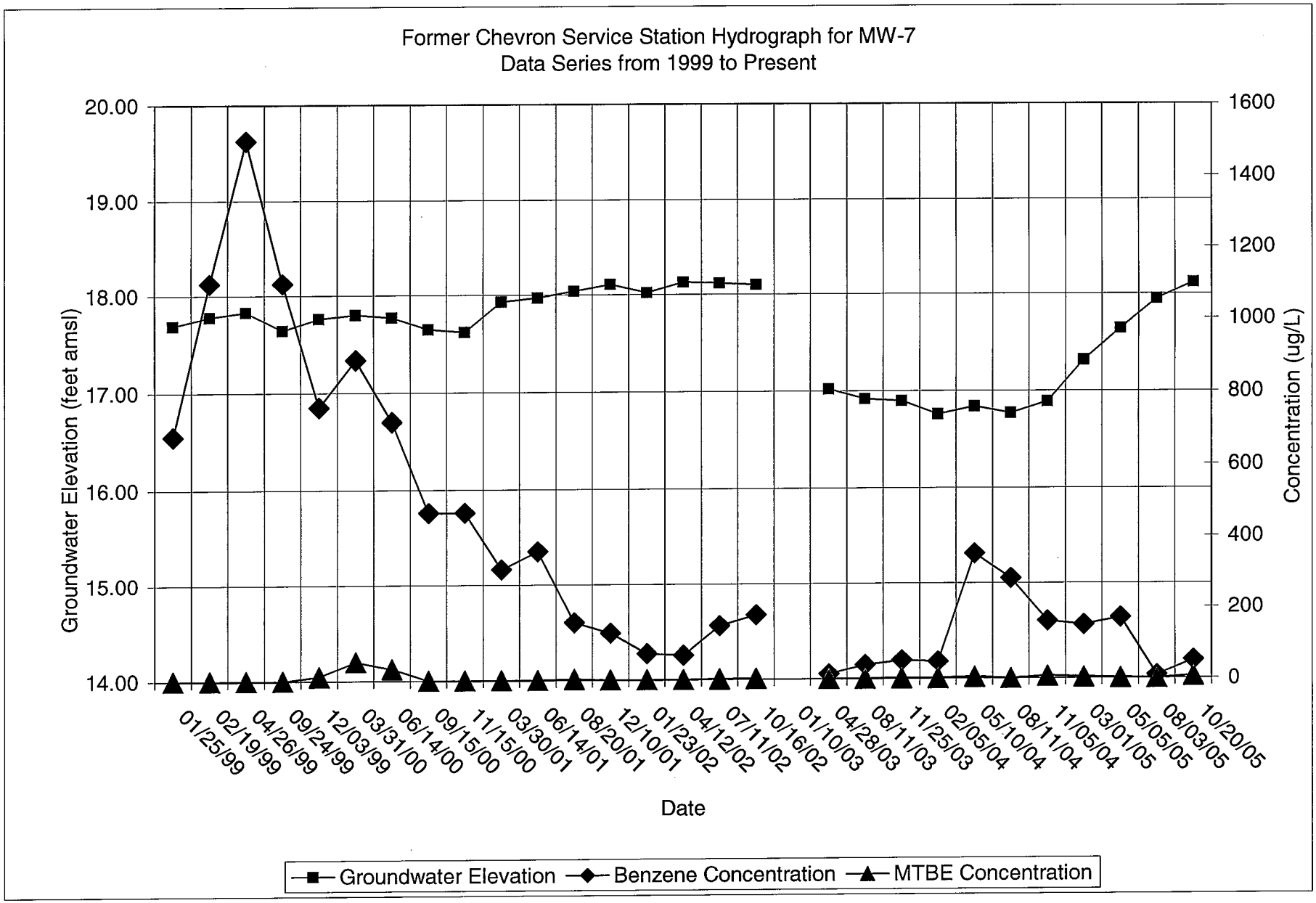

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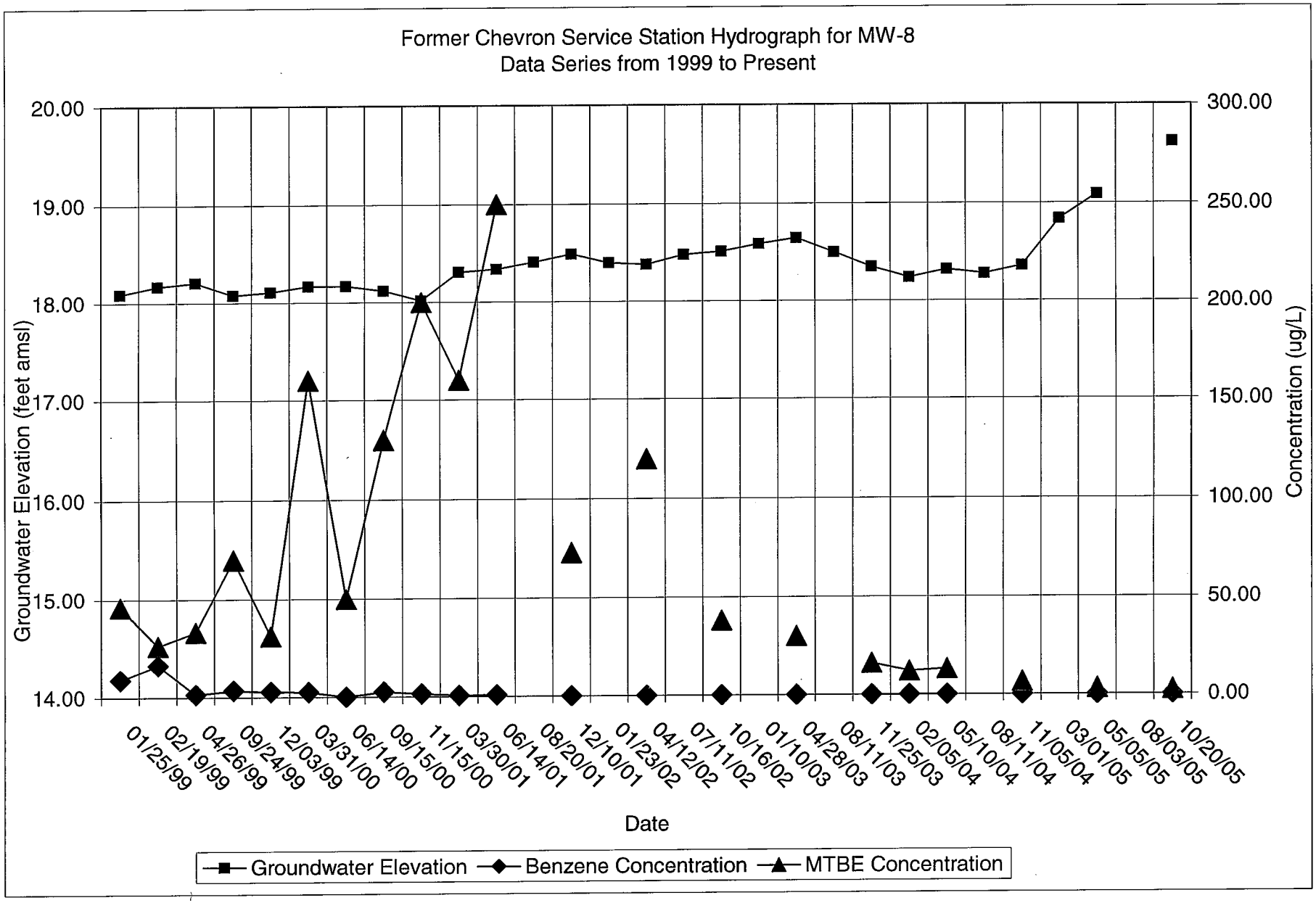

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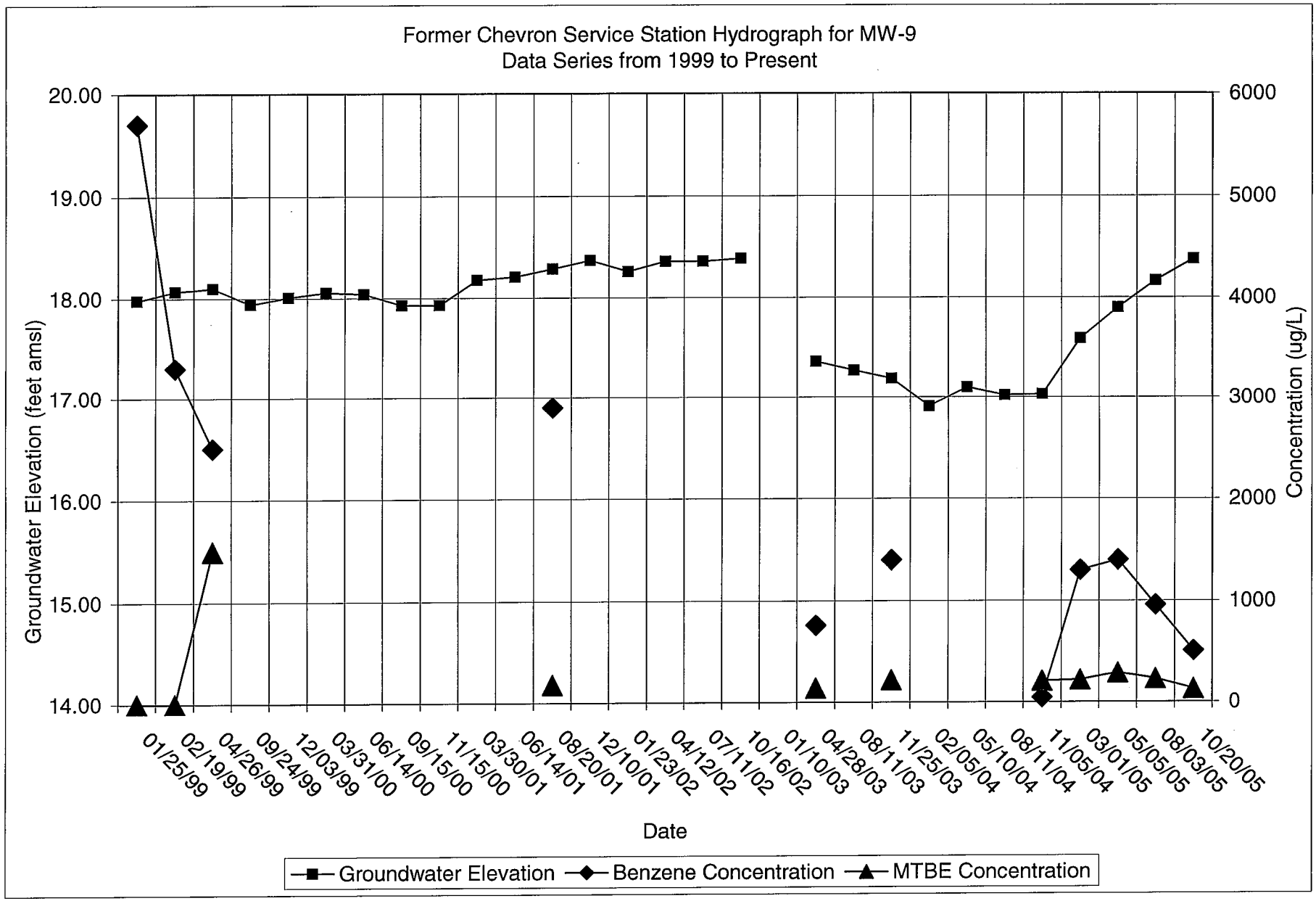

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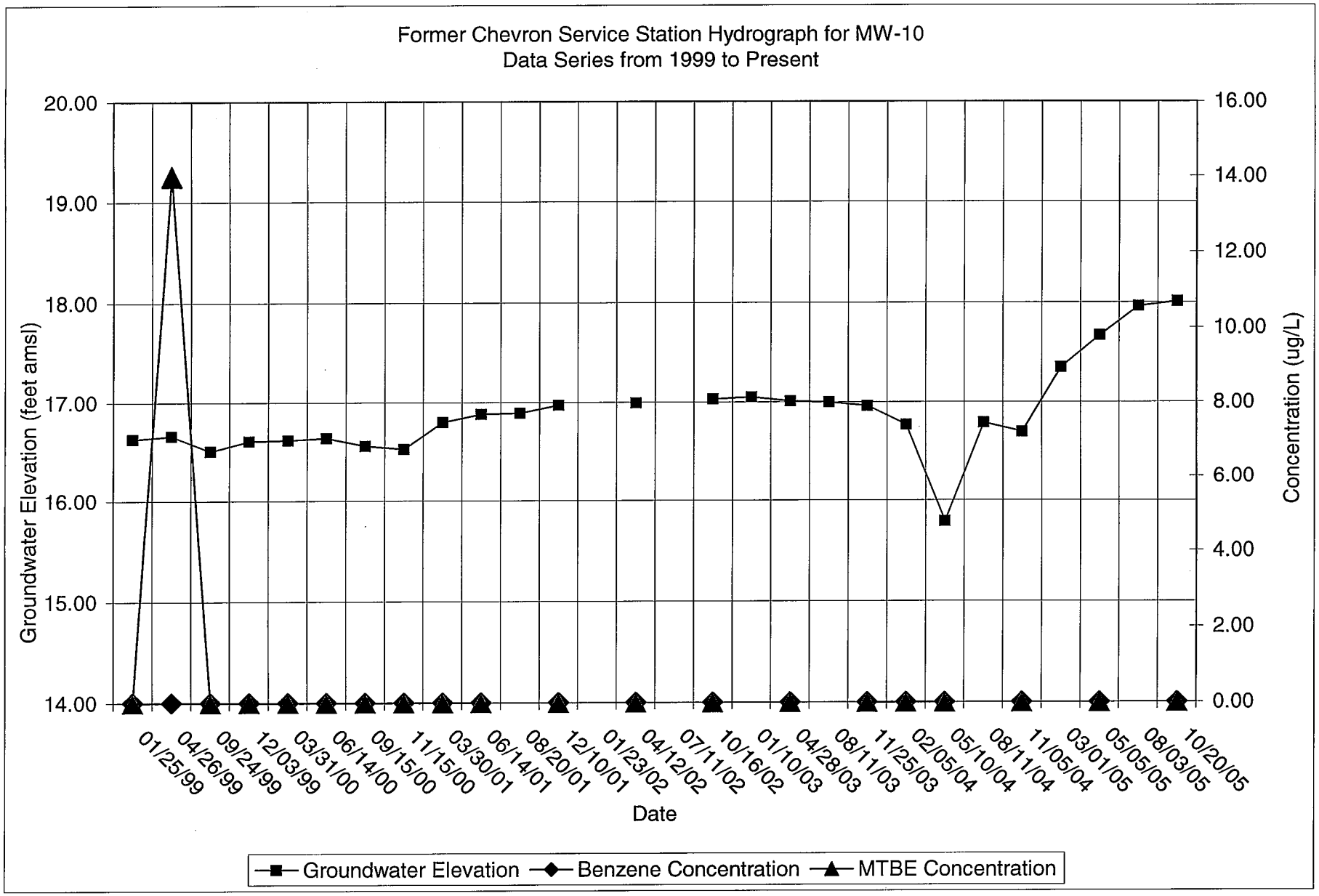

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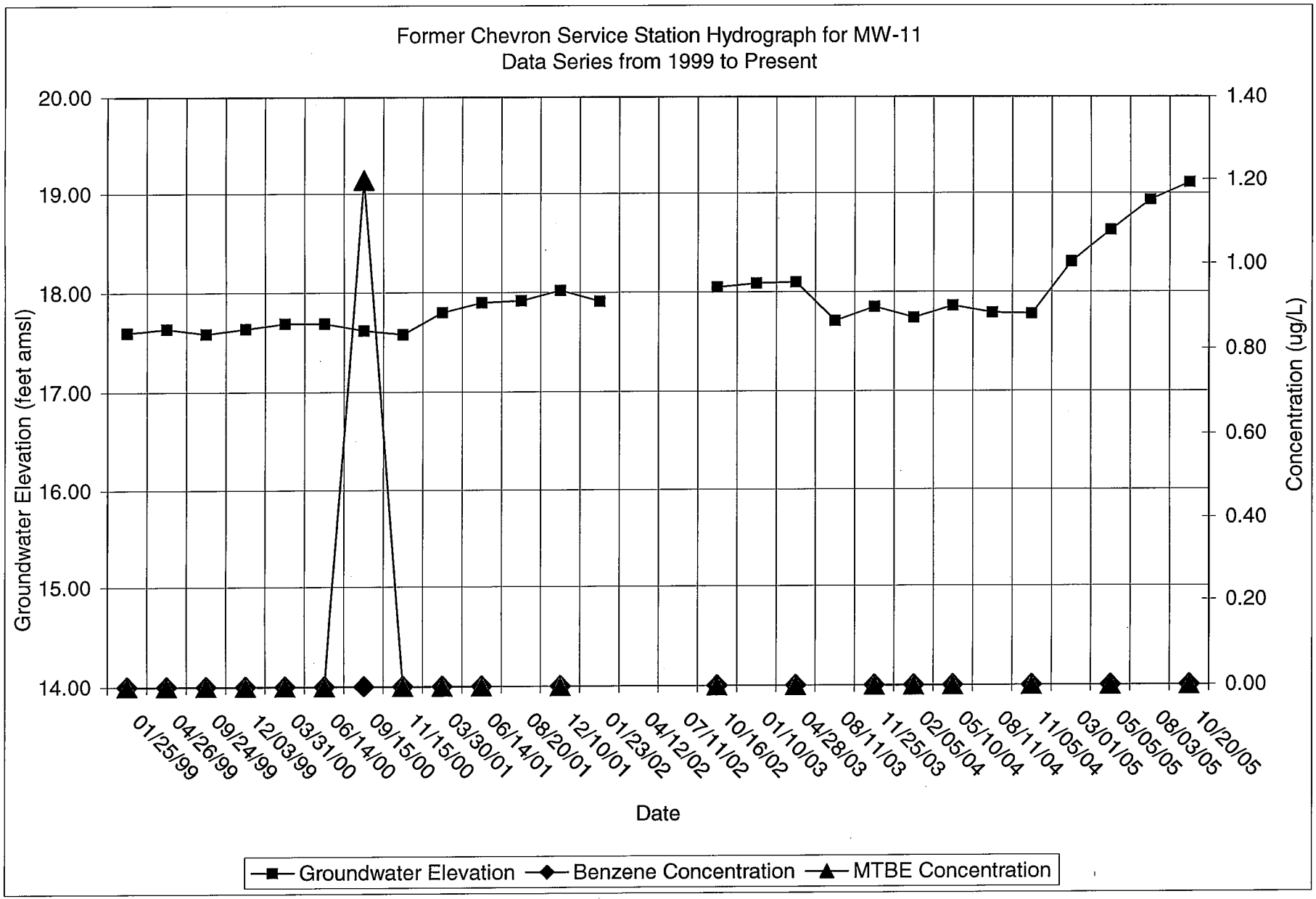

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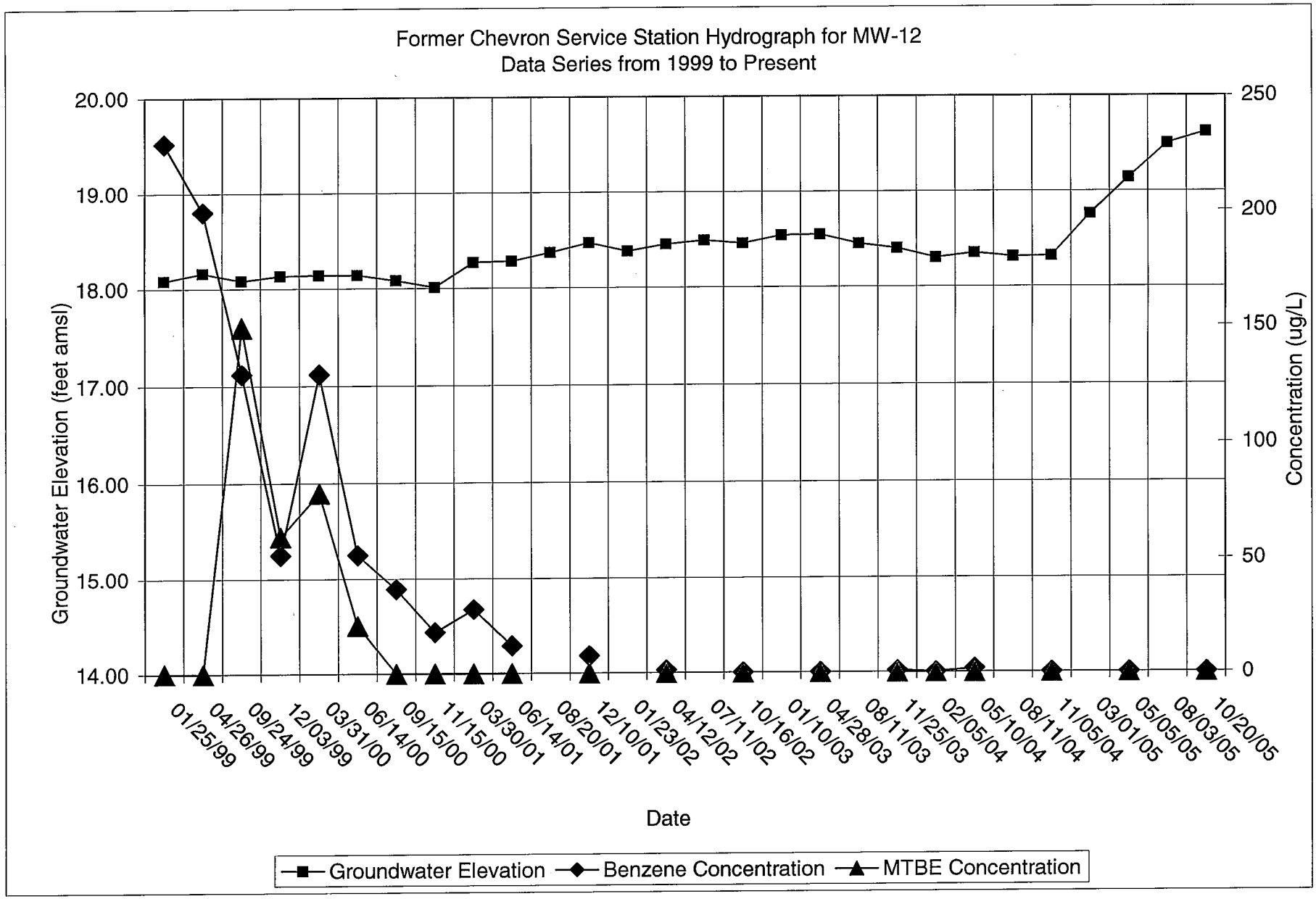

APPENDIX A
LABORATORY REPORTS AND
CHAIN-OF-CUSTODY DOCUMENTATION

Del Mar Analytical

17461 Derian 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 (909) 370-1046
9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9689
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

LABORATORY REPORT

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

Project: CVX 9-1834

Sampled: 08/03/05
Received: 08/04/05
Issued: 08/18/05 15:36

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
IOH0431-01	QA-T-050803	Water
IOH0431-02	MW-1-W-050803	Water
IOH0431-03	MW-7-W-050803	Water
IOH0431-04	MW-9-W-050803	Water

Reviewed By:

Del Mar Analytical, Irvine
Wendy Kirkeeng For Kathleen A. Robb
Project Manager

Del Mar Analytical

17461 Derian Ave., Suite 100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
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SECOR-San Diego/ChevronTexaco
2655 Camino del Rio North, Suite 302
San Diego, CA 92108
Attention: Kim Thompson

Project ID: CVX 9-1834

Report Number: IOH0431

Sampled: 08/03/05
Received: 08/04/05

VOLATILE FUEL HYDROCARBONS BY GC/MS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOH0431-01 (QA-T-050803 - Water)				**Sampled: 08/03/05**				
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	5H12015	100	ND	1	8/12/2005	8/12/2005	
Surrogate: Dibromofluoromethane (80-120%)				*101 %*				
Surrogate: Toluene-d8 (80-120%)				*98 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*93 %*				
Sample ID: IOH0431-02 (MW-1-W-050803 - Water)				**Sampled: 08/03/05**				
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	5H12015	20000	**35000**	200	8/12/2005	8/12/2005	
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*98 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				
Sample ID: IOH0431-03 (MW-7-W-050803 - Water)				**Sampled: 08/03/05**				**A-01**
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	5H12015	250	ND	2.5	8/12/2005	8/12/2005	
Surrogate: Dibromofluoromethane (80-120%)				*101 %*				
Surrogate: Toluene-d8 (80-120%)				*98 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*95 %*				
Sample ID: IOH0431-04 (MW-9-W-050803 - Water)				**Sampled: 08/03/05**				
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	5H12015	20000	**53000**	200	8/12/2005	8/12/2005	
Surrogate: Dibromofluoromethane (80-120%)				*100 %*				
Surrogate: Toluene-d8 (80-120%)				*99 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				

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: Kim Thompson

Project ID: CVX 9-1834

Report Number: IOH0431

Sampled: 08/03/05
Received: 08/04/05

BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOH0431-01 (QA-T-050803 - Water)				**Sampled: 08/03/05**				
Reporting Units: ug/l								
Benzene	EPA 8260B	5H12015	0.50	ND	1	8/12/2005	8/12/2005	
Ethylbenzene	EPA 8260B	5H12015	0.50	ND	1	8/12/2005	8/12/2005	
Toluene	EPA 8260B	5H12015	0.50	ND	1	8/12/2005	8/12/2005	
o-Xylene	EPA 8260B	5H12015	0.50	ND	1	8/12/2005	8/12/2005	
m,p-Xylenes	EPA 8260B	5H12015	1.0	ND	1	8/12/2005	8/12/2005	
Xylenes, Total	EPA 8260B	5H12015	1.5	ND	1	8/12/2005	8/12/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5H12015	5.0	ND	1	8/12/2005	8/12/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5H12015	5.0	ND	1	8/12/2005	8/12/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5H12015	5.0	ND	1	8/12/2005	8/12/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5H12015	1.0	ND	1	8/12/2005	8/12/2005	
tert-Butanol (TBA)	EPA 8260B	5H12015	25	ND	1	8/12/2005	8/12/2005	
Surrogate: Dibromofluoromethane (80-120%)				*101 %*				
Surrogate: Toluene-d8 (80-120%)				*98 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*93 %*				
Sample ID: IOH0431-02 (MW-1-W-050803 - Water)				**Sampled: 08/03/05**				
Reporting Units: ug/l								
Benzene	EPA 8260B	5H12015	100	**4500**	200	8/12/2005	8/12/2005	
Ethylbenzene	EPA 8260B	5H12015	100	**880**	200	8/12/2005	8/12/2005	
Toluene	EPA 8260B	5H12015	100	**8500**	200	8/12/2005	8/12/2005	
o-Xylene	EPA 8260B	5H12015	100	**2100**	200	8/12/2005	8/12/2005	
m,p-Xylenes	EPA 8260B	5H12015	200	**2700**	200	8/12/2005	8/12/2005	
Xylenes, Total	EPA 8260B	5H12015	300	**4700**	200	8/12/2005	8/12/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5H12015	1000	ND	200	8/12/2005	8/12/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5H12015	1000	ND	200	8/12/2005	8/12/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5H12015	1000	ND	200	8/12/2005	8/12/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5H12015	200	**720**	200	8/12/2005	8/12/2005	
tert-Butanol (TBA)	EPA 8260B	5H12015	5000	ND	200	8/12/2005	8/12/2005	
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*98 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				

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: Kim Thompson

Project ID: CVX 9-1834

Report Number: IOH0431

Sampled: 08/03/05
Received: 08/04/05

BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOH0431-03 (MW-7-W-050803 - Water)				**Sampled: 08/03/05**				**BQC**
Reporting Units: ug/l								
Benzene	EPA 8260B	5H12015	1.2	**8.9**	2.5	8/12/2005	8/12/2005	
Ethylbenzene	EPA 8260B	5H12015	1.2	**1.2**	2.5	8/12/2005	8/12/2005	
Toluene	EPA 8260B	5H12015	1.2	**12**	2.5	8/12/2005	8/12/2005	
o-Xylene	EPA 8260B	5H12015	1.2	**1.7**	2.5	8/12/2005	8/12/2005	
m,p-Xylenes	EPA 8260B	5H12015	2.5	**3.1**	2.5	8/12/2005	8/12/2005	
Xylenes, Total	EPA 8260B	5H12015	3.8	**4.8**	2.5	8/12/2005	8/12/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5H12015	12	ND	2.5	8/12/2005	8/12/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5H12015	12	ND	2.5	8/12/2005	8/12/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5H12015	12	ND	2.5	8/12/2005	8/12/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5H12015	2.5	ND	2.5	8/12/2005	8/12/2005	
tert-Butanol (TBA)	EPA 8260B	5H12015	62	ND	2.5	8/12/2005	8/12/2005	
Surrogate: Dibromofluoromethane (80-120%)				*101 %*				
Surrogate: Toluene-d8 (80-120%)				*98 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*95 %*				
Sample ID: IOH0431-03RE1 (MW-7-W-050803 - Water)				**Sampled: 08/03/05**				
Reporting Units: ug/l								
Benzene	EPA 8260B	5H14002	0.50	**2.4**	1	8/14/2005	8/14/2005	
Ethylbenzene	EPA 8260B	5H14002	0.50	ND	1	8/14/2005	8/14/2005	
Toluene	EPA 8260B	5H14002	0.50	ND	1	8/14/2005	8/14/2005	
o-Xylene	EPA 8260B	5H14002	0.50	ND	1	8/14/2005	8/14/2005	
m,p-Xylenes	EPA 8260B	5H14002	1.0	ND	1	8/14/2005	8/14/2005	
Xylenes, Total	EPA 8260B	5H14002	1.5	ND	1	8/14/2005	8/14/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5H14002	5.0	ND	1	8/14/2005	8/14/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5H14002	5.0	ND	1	8/14/2005	8/14/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5H14002	5.0	ND	1	8/14/2005	8/14/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5H14002	1.0	ND	1	8/14/2005	8/14/2005	
tert-Butanol (TBA)	EPA 8260B	5H14002	25	ND	1	8/14/2005	8/14/2005	
Surrogate: Dibromofluoromethane (80-120%)				*93 %*				
Surrogate: Toluene-d8 (80-120%)				*98 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*87 %*				

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Wendy Kirkeeng For Kathleen A. Robb
Project Manager

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San Diego, CA 92108
Attention: Kim Thompson

Project ID: CVX 9-1834

Report Number: IOH0431

Sampled: 08/03/05
Received: 08/04/05

BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOH0431-04 (MW-9-W-050803 - Water)				**Sampled: 08/03/05**				
Reporting Units: ug/l								
Benzene	EPA 8260B	5H12015	100	**960**	200	8/12/2005	8/12/2005	
Ethylbenzene	EPA 8260B	5H12015	100	**2100**	200	8/12/2005	8/12/2005	
Toluene	EPA 8260B	5H12015	100	**8600**	200	8/12/2005	8/12/2005	
o-Xylene	EPA 8260B	5H12015	100	**4900**	200	8/12/2005	8/12/2005	
m,p-Xylenes	EPA 8260B	5H12015	200	**10000**	200	8/12/2005	8/12/2005	
Xylenes, Total	EPA 8260B	5H12015	300	**15000**	200	8/12/2005	8/12/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5H12015	1000	ND	200	8/12/2005	8/12/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5H12015	1000	ND	200	8/12/2005	8/12/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5H12015	1000	ND	200	8/12/2005	8/12/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5H12015	200	**230**	200	8/12/2005	8/12/2005	
tert-Butanol (TBA)	EPA 8260B	5H12015	5000	ND	200	8/12/2005	8/12/2005	
Surrogate: Dibromofluoromethane (80-120%)				*100 %*				
Surrogate: Toluene-d8 (80-120%)				*99 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				

Del Mar Analytical, Irvine
Wendy Kirkeeng For Kathleen A. Robb
Project Manager

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Attention: Kim Thompson

Project ID: CVX 9-1834

Report Number: IOH0431

Sampled: 08/03/05
Received: 08/04/05

METHOD BLANK/QC DATA

VOLATILE FUEL HYDROCARBONS BY GC/MS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5H12015 Extracted: 08/12/05										
Blank Analyzed: 08/12/2005 (5H12015-BLK1)										
Volatile Fuel Hydrocarbons (C4-C12)	ND	100	ug/l							
Surrogate: Dibromofluoromethane	*25.6*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: Toluene-d8	*25.1*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.4*		*ug/l*	*25.0*		*94*	*80-120*			
LCS Analyzed: 08/12/2005 (5H12015-BS2)										
Volatile Fuel Hydrocarbons (C4-C12)	519	100	ug/l	500		104	60-130			
Surrogate: Dibromofluoromethane	*25.3*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Toluene-d8	*25.2*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.5*		*ug/l*	*25.0*		*98*	*80-120*			
Matrix Spike Analyzed: 08/12/2005 (5H12015-MS1)					**Source: IOH0431-03**					
Volatile Fuel Hydrocarbons (C4-C12)	3620	250	ug/l	2800	120	125	60-140			
Surrogate: Dibromofluoromethane	*68.2*		*ug/l*	*62.5*		*109*	*80-120*			
Surrogate: Toluene-d8	*62.8*		*ug/l*	*62.5*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*60.6*		*ug/l*	*62.5*		*97*	*80-120*			
Matrix Spike Dup Analyzed: 08/12/2005 (5H12015-MSD1)					**Source: IOH0431-03**					
Volatile Fuel Hydrocarbons (C4-C12)	3170	250	ug/l	2800	120	109	60-140	13	20	
Surrogate: Dibromofluoromethane	*65.2*		*ug/l*	*62.5*		*104*	*80-120*			
Surrogate: Toluene-d8	*63.0*		*ug/l*	*62.5*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*60.7*		*ug/l*	*62.5*		*97*	*80-120*			

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: Kim Thompson

Project ID: CVX 9-1834

Report Number: IOH0431

Sampled: 08/03/05
Received: 08/04/05

METHOD BLANK/QC DATA

BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5H12015 Extracted: 08/12/05										
Blank Analyzed: 08/12/2005 (5H12015-BLK1)										
Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
o-Xylene	ND	0.50	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
Xylenes, Total	ND	1.5	ug/l							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	ug/l							
tert-Butanol (TBA)	ND	25	ug/l							
Surrogate: Dibromofluoromethane	*25.6*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: Toluene-d8	*25.1*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.4*		*ug/l*	*25.0*		*94*	*80-120*			
LCS Analyzed: 08/12/2005 (5H12015-BS1)										
Benzene	23.1	0.50	ug/l	25.0		92	65-120			
Ethylbenzene	24.4	0.50	ug/l	25.0		98	70-125			
Toluene	23.0	0.50	ug/l	25.0		92	70-125			
o-Xylene	22.4	0.50	ug/l	25.0		90	70-125			
m,p-Xylenes	48.9	1.0	ug/l	50.0		98	70-125			
Xylenes, Total	71.3	1.5	ug/l	75.0		95	70-125			
Di-isopropyl Ether (DIPE)	22.5	5.0	ug/l	25.0		90	60-135			
Ethyl tert-Butyl Ether (ETBE)	21.6	5.0	ug/l	25.0		86	60-135			
tert-Amyl Methyl Ether (TAME)	21.3	5.0	ug/l	25.0		85	60-135			
Methyl-tert-butyl Ether (MTBE)	20.0	1.0	ug/l	25.0		80	55-140			
tert-Butanol (TBA)	129	25	ug/l	125		103	65-135			
Surrogate: Dibromofluoromethane	*26.1*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Toluene-d8	*25.6*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.3*		*ug/l*	*25.0*		*97*	*80-120*			

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: Kim Thompson

Project ID: CVX 9-1834

Report Number: IOH0431

Sampled: 08/03/05
Received: 08/04/05

METHOD BLANK/QC DATA

BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5H12015 Extracted: 08/12/05										
Matrix Spike Analyzed: 08/12/2005 (5H12015-MS1)					**Source: IOH0431-03**					
Benzene	65.6	1.2	ug/l	62.5	8.9	91	60-125			
Ethylbenzene	60.4	1.2	ug/l	62.5	1.2	95	65-130			
Toluene	70.2	1.2	ug/l	62.5	12	93	65-125			
o-Xylene	57.8	1.2	ug/l	62.5	1.7	90	60-125			
m,p-Xylenes	123	2.5	ug/l	125	3.1	96	60-130			
Xylenes, Total	181	3.8	ug/l	188	4.8	94	60-130			
Di-isopropyl Ether (DIPE)	63.4	12	ug/l	62.5	0.72	100	60-140			
Ethyl tert-Butyl Ether (ETBE)	64.8	12	ug/l	62.5	ND	104	55-135			
tert-Amyl Methyl Ether (TAME)	67.5	12	ug/l	62.5	ND	108	55-140			
Methyl-tert-butyl Ether (MTBE)	67.0	2.5	ug/l	62.5	ND	107	50-150			
tert-Butanol (TBA)	303	62	ug/l	312	ND	97	60-145			
Surrogate: Dibromofluoromethane	*68.2*		*ug/l*	*62.5*		*109*	*80-120*			
Surrogate: Toluene-d8	*62.8*		*ug/l*	*62.5*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*60.6*		*ug/l*	*62.5*		*97*	*80-120*			
Matrix Spike Dup Analyzed: 08/12/2005 (5H12015-MSD1)					**Source: IOH0431-03**					
Benzene	62.2	1.2	ug/l	62.5	8.9	85	60-125	5	20	
Ethylbenzene	59.2	1.2	ug/l	62.5	1.2	93	65-130	2	20	
Toluene	67.1	1.2	ug/l	62.5	12	88	65-125	5	20	
o-Xylene	56.3	1.2	ug/l	62.5	1.7	87	60-125	3	20	
m,p-Xylenes	119	2.5	ug/l	125	3.1	93	60-130	3	25	
Xylenes, Total	175	3.8	ug/l	188	4.8	91	60-130	3	20	
Di-isopropyl Ether (DIPE)	56.8	12	ug/l	62.5	0.72	90	60-140	11	25	
Ethyl tert-Butyl Ether (ETBE)	56.2	12	ug/l	62.5	ND	90	55-135	14	25	
tert-Amyl Methyl Ether (TAME)	57.5	12	ug/l	62.5	ND	92	55-140	16	30	
Methyl-tert-butyl Ether (MTBE)	56.8	2.5	ug/l	62.5	ND	91	50-150	16	25	
tert-Butanol (TBA)	310	62	ug/l	312	ND	99	60-145	2	25	
Surrogate: Dibromofluoromethane	*65.2*		*ug/l*	*62.5*		*104*	*80-120*			
Surrogate: Toluene-d8	*63.0*		*ug/l*	*62.5*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*60.7*		*ug/l*	*62.5*		*97*	*80-120*			

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: Kim Thompson

Project ID: CVX 9-1834

Report Number: IOH0431

Sampled: 08/03/05
Received: 08/04/05

METHOD BLANK/QC DATA

BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5H14002 Extracted: 08/14/05										
Blank Analyzed: 08/14/2005 (5H14002-BLK1)										
Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
o-Xylene	ND	0.50	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
Xylenes, Total	ND	1.5	ug/l							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	ug/l							
tert-Butanol (TBA)	ND	25	ug/l							
Surrogate: Dibromofluoromethane	*23.9*		*ug/l*	*25.0*		*96*	*80-120*			
Surrogate: Toluene-d8	*24.8*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.2*		*ug/l*	*25.0*		*93*	*80-120*			
LCS Analyzed: 08/14/2005 (5H14002-BS1)										
Benzene	26.4	0.50	ug/l	25.0		106	65-120			
Ethylbenzene	26.3	0.50	ug/l	25.0		105	70-125			
Toluene	25.8	0.50	ug/l	25.0		103	70-125			
o-Xylene	25.5	0.50	ug/l	25.0		102	70-125			
m,p-Xylenes	52.1	1.0	ug/l	50.0		104	70-125			
Xylenes, Total	77.6	1.5	ug/l	75.0		103	70-125			
Di-isopropyl Ether (DIPE)	26.5	5.0	ug/l	25.0		106	60-135			
Ethyl tert-Butyl Ether (ETBE)	25.5	5.0	ug/l	25.0		102	60-135			
tert-Amyl Methyl Ether (TAME)	26.1	5.0	ug/l	25.0		104	60-135			
Methyl-tert-butyl Ether (MTBE)	25.6	1.0	ug/l	25.0		102	55-140			
tert-Butanol (TBA)	135	25	ug/l	125		108	65-135			
Surrogate: Dibromofluoromethane	*24.5*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: Toluene-d8	*25.1*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.6*		*ug/l*	*25.0*		*98*	*80-120*			

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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: Kim Thompson

Project ID: CVX 9-1834

Report Number: IOH0431

Sampled: 08/03/05
Received: 08/04/05

METHOD BLANK/QC DATA

BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5H14002 Extracted: 08/14/05										
Matrix Spike Analyzed: 08/14/2005 (5H14002-MS1)					**Source: IOH0657-01**					
Benzene	27.2	0.50	ug/l	25.0	ND	109	60-125			
Ethylbenzene	29.3	0.50	ug/l	25.0	1.8	110	65-130			
Toluene	27.2	0.50	ug/l	25.0	ND	109	65-125			
o-Xylene	25.9	0.50	ug/l	25.0	ND	104	60-125			
m,p-Xylenes	52.9	1.0	ug/l	50.0	ND	106	60-130			
Xylenes, Total	78.9	1.5	ug/l	75.0	ND	105	60-130			
Di-isopropyl Ether (DIPE)	26.8	5.0	ug/l	25.0	ND	107	60-140			
Ethyl tert-Butyl Ether (ETBE)	25.6	5.0	ug/l	25.0	ND	102	55-135			
tert-Amyl Methyl Ether (TAME)	26.4	5.0	ug/l	25.0	ND	106	55-140			
Methyl-tert-butyl Ether (MTBE)	26.3	1.0	ug/l	25.0	ND	105	50-150			
tert-Butanol (TBA)	139	25	ug/l	125	ND	111	60-145			
Surrogate: Dibromofluoromethane	*24.7*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Toluene-d8	*25.8*		*ug/l*	*25.0*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.3*		*ug/l*	*25.0*		*101*	*80-120*			
Matrix Spike Dup Analyzed: 08/14/2005 (5H14002-MSD1)					**Source: IOH0657-01**					
Benzene	26.7	0.50	ug/l	25.0	ND	107	60-125	2	20	
Ethylbenzene	28.6	0.50	ug/l	25.0	1.8	107	65-130	2	20	
Toluene	26.9	0.50	ug/l	25.0	ND	108	65-125	1	20	
o-Xylene	26.2	0.50	ug/l	25.0	ND	105	60-125	1	20	
m,p-Xylenes	54.3	1.0	ug/l	50.0	ND	109	60-130	3	25	
Xylenes, Total	80.5	1.5	ug/l	75.0	ND	107	60-130	2	20	
Di-isopropyl Ether (DIPE)	26.1	5.0	ug/l	25.0	ND	104	60-140	3	25	
Ethyl tert-Butyl Ether (ETBE)	25.0	5.0	ug/l	25.0	ND	100	55-135	2	25	
tert-Amyl Methyl Ether (TAME)	26.1	5.0	ug/l	25.0	ND	104	55-140	1	30	
Methyl-tert-butyl Ether (MTBE)	25.8	1.0	ug/l	25.0	ND	103	50-150	2	25	
tert-Butanol (TBA)	141	25	ug/l	125	ND	113	60-145	1	25	
Surrogate: Dibromofluoromethane	*24.0*		*ug/l*	*25.0*		*96*	*80-120*			
Surrogate: Toluene-d8	*24.6*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.6*		*ug/l*	*25.0*		*98*	*80-120*			

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: Kim Thompson	Project ID: CVX 9-1834 Report Number: IOH0431	Sampled: 08/03/05 Received: 08/04/05

DATA QUALIFIERS AND DEFINITIONS

A-01	Sample does not require a dilution. Sample was re-anlyzed for BTEX/OXY, however it was not re-anlayzed for TPH. Original run reported. See CAR.
BQC	Reported for batch QC purposes only. See re-analysis (RE) for final result.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

For Volatile Fuel Hydrocarbons (C4-C12):

Volatile Fuel Hydrocarbons (C4-C12) are quantitated against a gasoline standard. Quantitation begins immediately before TBA-d9.

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: Kim Thompson

Project ID: CVX 9-1834

Report Number: IOH0431

Sampled: 08/03/05
Received: 08/04/05

Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	Nelac	California
EPA 8260B	Water	X	X
TPH by GC/MS	Water	X	X

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
Wendy Kirkeeng For Kathleen A. Robb
Project Manager

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255 10H0431

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: T0607302116
Chevron Site Number: 9-1834
Chevron Site Address: 4175 Voltaire Street
San Diego, CA
Chevron PM: Eric Roehl
Chevron PM Phone No.: (714) 671-3200

☑ Retail and Terminal Business Unit (RTBU) Job
Charge Code: NWRTB - 0 0 9 1 8 3 4 - 0 - O M L
NWRTB 00SITE NUMBER -0- WBS
(WBS ELEMENTS: SITE ASSMT: A1L/SITE MONT.:OML/REMD. IMPL.:R5L/OP. MAINT. & MON.: M1L)

☐ Construction/Retail Job

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Chevron Consultant: SECOR International, Inc.
Address: 2655 Camino Del Rio N., #302, S.D., CA 92108
Consultant Contact: Kim Thompson/Cell (619) 865-2671
Consultant Phone No. (619) 296-6195
Consultant Project No. 08CH.41834.05
Sampling Company: SECOR International, Inc.
Sampled By (Print): DUANE FRAUTTER
Sampler Signature:

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

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

Other Lab

ANALYSES REQUIRED

Special Instructions: Please use County of SD detection limits. Send EDF & PDF to szuniga@secor.com

Temp. Blank Check

Time	Temp.
0900	2°
1000	2°
1100	2°
1200	2°
1300	2°

SAMPLE ID: Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	Container Type	# of Containers	Preservation (10H0431)	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		05/08/03	~~1305~~	VOA, 40mL	6	HCL & ICE			X									
MW-1	W		↓	1205	VOA, 40mL	6	HCL & ICE			X									
MW-7	W			1212	VOA, 40mL	6	HCL & ICE			X									
MW-9	W			1336	VOA, 40mL	6	HCL & ICE			X									

Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time
[signature]	SECOR	8-4-05 1430	[signature]	DMAE	8-4-05 1430
[signature]	DMAE	8-4-05 1645			8/4/05 1645

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

Sample Integrity: (Check by lab on arrival)
Intact: ✓ On Ice: ✓ Temp: 2°

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17461 Derian 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 (909) 370-1046
9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9689
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

LABORATORY REPORT

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

Project: CVX 9-1834

Sampled: 10/20/05-10/21/05
Received: 10/24/05
Issued: 11/07/05 12:03

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(s) of Custody, 2 pages, are included and are an integral part of this report.
This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IOJ1671-01	QA-T-051020	Water
IOJ1671-02	MW-1-W-051021	Water
IOJ1671-03	MW-2-W-051021	Water
IOJ1671-04	MW-3-W-051021	Water
IOJ1671-05	MW-4-W-051020	Water
IOJ1671-06	MW-5-W-051021	Water
IOJ1671-07	MW-6-W-051020	Water
IOJ1671-08	MW-7-W-051021	Water
IOJ1671-09	MW-8-W-051020	Water
IOJ1671-10	MW-9-W-051021	Water
IOJ1671-11	MW-10-W-051020	Water
IOJ1671-12	MW-12-W-051020	Water
IOJ1671-13	MW-11-W-051021	Water
IOJ1671-14	QA-T-051021	Water

Reviewed By:

Del Mar Analytical, Irvine
Kathleen A. Robb
Project Manager

Del Mar Analytical

17461 Derian 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 (909) 370-1046
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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: CVX 9-1834

Report Number: IOJ1671

Sampled: 10/20/05-10/21/05
Received: 10/24/05

VOLATILE FUEL HYDROCARBONS BY GC/MS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOJ1671-01 (QA-T-051020 - Water)				**Sampled: 10/20/05**				
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	5J28005	100	ND	1	10/28/2005	10/28/2005	
Surrogate: Dibromofluoromethane (80-120%)				*100 %*				
Surrogate: Toluene-d8 (80-120%)				*99 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				
Sample ID: IOJ1671-02 (MW-1-W-051021 - Water)				**Sampled: 10/21/05**				
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	5J28023	2500	**9500**	25	10/28/2005	10/29/2005	
Surrogate: Dibromofluoromethane (80-120%)				*113 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				
Sample ID: IOJ1671-03 (MW-2-W-051021 - Water)				**Sampled: 10/21/05**				
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	5J28005	100	ND	1	10/28/2005	10/28/2005	
Surrogate: Dibromofluoromethane (80-120%)				*106 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*98 %*				
Sample ID: IOJ1671-04 (MW-3-W-051021 - Water)				**Sampled: 10/21/05**				
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	5J28005	100	ND	1	10/28/2005	10/28/2005	
Surrogate: Dibromofluoromethane (80-120%)				*109 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*98 %*				
Sample ID: IOJ1671-05 (MW-4-W-051020 - Water)				**Sampled: 10/20/05**				
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	5J28005	100	ND	1	10/28/2005	10/28/2005	
Surrogate: Dibromofluoromethane (80-120%)				*108 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				
Sample ID: IOJ1671-06 (MW-5-W-051021 - Water)				**Sampled: 10/21/05**				
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	5J28005	100	**140**	1	10/28/2005	10/28/2005	
Surrogate: Dibromofluoromethane (80-120%)				*108 %*				
Surrogate: Toluene-d8 (80-120%)				*102 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*100 %*				

Del Mar Analytical, Irvine
Kathleen A. Robb
Project Manager

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9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9689
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: CVX 9-1834

Report Number: IOJ1671

Sampled: 10/20/05-10/21/05
Received: 10/24/05

VOLATILE FUEL HYDROCARBONS BY GC/MS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOJ1671-07 (MW-6-W-051020 - Water)				**Sampled: 10/20/05**				
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	5J28005	100	ND	1	10/28/2005	10/28/2005	
Surrogate: Dibromofluoromethane (80-120%)				*110 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*95 %*				
Sample ID: IOJ1671-08 (MW-7-W-051021 - Water)				**Sampled: 10/21/05**				
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	5J28005	100	**320**	1	10/28/2005	10/28/2005	
Surrogate: Dibromofluoromethane (80-120%)				*112 %*				
Surrogate: Toluene-d8 (80-120%)				*101 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*100 %*				
Sample ID: IOJ1671-09 (MW-8-W-051020 - Water)				**Sampled: 10/20/05**				
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	5J28005	100	ND	1	10/28/2005	10/28/2005	
Surrogate: Dibromofluoromethane (80-120%)				*111 %*				
Surrogate: Toluene-d8 (80-120%)				*102 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				
Sample ID: IOJ1671-10 (MW-9-W-051021 - Water)				**Sampled: 10/21/05**				
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	5J28023	2000	**16000**	20	10/28/2005	10/29/2005	
Surrogate: Dibromofluoromethane (80-120%)				*116 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*98 %*				
Sample ID: IOJ1671-11 (MW-10-W-051020 - Water)				**Sampled: 10/20/05**				
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	5J28005	100	ND	1	10/28/2005	10/28/2005	
Surrogate: Dibromofluoromethane (80-120%)				*114 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*95 %*				
Sample ID: IOJ1671-12 (MW-12-W-051020 - Water)				**Sampled: 10/20/05**				
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	5J28005	100	ND	1	10/28/2005	10/28/2005	
Surrogate: Dibromofluoromethane (80-120%)				*116 %*				
Surrogate: Toluene-d8 (80-120%)				*101 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				

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Kathleen A. Robb
Project Manager

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17461 Derian 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 (909) 370-1046
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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: CVX 9-1834

Report Number: IOJ1671

Sampled: 10/20/05-10/21/05
Received: 10/24/05

VOLATILE FUEL HYDROCARBONS BY GC/MS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOJ1671-13 (MW-11-W-051021 - Water)				**Sampled: 10/21/05**				
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	5J29018	100	ND	1	10/29/2005	10/29/2005	
Surrogate: Dibromofluoromethane (80-120%)				*106 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				
Sample ID: IOJ1671-14 (QA-T-051021 - Water)				**Sampled: 10/21/05**				
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	5J29018	100	ND	1	10/29/2005	10/29/2005	
Surrogate: Dibromofluoromethane (80-120%)				*106 %*				
Surrogate: Toluene-d8 (80-120%)				*98 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*95 %*				

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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: CVX 9-1834

Report Number: IOJ1671

Sampled: 10/20/05-10/21/05
Received: 10/24/05

BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOJ1671-01 (QA-T-051020 - Water)				**Sampled: 10/20/05**				
Reporting Units: ug/l								
Benzene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
Ethylbenzene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
Toluene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
o-Xylene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
m,p-Xylenes	EPA 8260B	5J28005	1.0	ND	1	10/28/2005	10/28/2005	
Xylenes, Total	EPA 8260B	5J28005	1.5	ND	1	10/28/2005	10/28/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5J28005	5.0	ND	1	10/28/2005	10/28/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5J28005	5.0	ND	1	10/28/2005	10/28/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5J28005	5.0	ND	1	10/28/2005	10/28/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5J28005	1.0	ND	1	10/28/2005	10/28/2005	
tert-Butanol (TBA)	EPA 8260B	5J28005	25	ND	1	10/28/2005	10/28/2005	
Surrogate: Dibromofluoromethane (80-120%)				*100 %*				
Surrogate: Toluene-d8 (80-120%)				*99 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				
Sample ID: IOJ1671-02 (MW-1-W-051021 - Water)				**Sampled: 10/21/05**				
Reporting Units: ug/l								
Benzene	EPA 8260B	5J28023	12	**1200**	25	10/28/2005	10/29/2005	
Ethylbenzene	EPA 8260B	5J28023	12	**290**	25	10/28/2005	10/29/2005	
Toluene	EPA 8260B	5J28023	12	**2400**	25	10/28/2005	10/29/2005	
o-Xylene	EPA 8260B	5J28023	12	**570**	25	10/28/2005	10/29/2005	
m,p-Xylenes	EPA 8260B	5J28023	25	**860**	25	10/28/2005	10/29/2005	
Xylenes, Total	EPA 8260B	5J28023	38	**1400**	25	10/28/2005	10/29/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5J28023	120	ND	25	10/28/2005	10/29/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5J28023	120	ND	25	10/28/2005	10/29/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5J28023	120	ND	25	10/28/2005	10/29/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5J28023	25	**100**	25	10/28/2005	10/29/2005	
tert-Butanol (TBA)	EPA 8260B	5J28023	620	ND	25	10/28/2005	10/29/2005	
Surrogate: Dibromofluoromethane (80-120%)				*113 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				

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: CVX 9-1834

Report Number: IOJ1671

Sampled: 10/20/05-10/21/05
Received: 10/24/05

BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOJ1671-03 (MW-2-W-051021 - Water)				**Sampled: 10/21/05**				
Reporting Units: ug/l								
Benzene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
Ethylbenzene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
Toluene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
o-Xylene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
m,p-Xylenes	EPA 8260B	5J28005	1.0	ND	1	10/28/2005	10/28/2005	
Xylenes, Total	EPA 8260B	5J28005	1.5	ND	1	10/28/2005	10/28/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5J28005	5.0	ND	1	10/28/2005	10/28/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5J28005	5.0	ND	1	10/28/2005	10/28/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5J28005	5.0	ND	1	10/28/2005	10/28/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5J28005	1.0	ND	1	10/28/2005	10/28/2005	
tert-Butanol (TBA)	EPA 8260B	5J28005	25	ND	1	10/28/2005	10/28/2005	
Surrogate: Dibromofluoromethane (80-120%)				*106 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*98 %*				
Sample ID: IOJ1671-04 (MW-3-W-051021 - Water)				**Sampled: 10/21/05**				
Reporting Units: ug/l								
Benzene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
Ethylbenzene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
Toluene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
o-Xylene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
m,p-Xylenes	EPA 8260B	5J28005	1.0	ND	1	10/28/2005	10/28/2005	
Xylenes, Total	EPA 8260B	5J28005	1.5	ND	1	10/28/2005	10/28/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5J28005	5.0	ND	1	10/28/2005	10/28/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5J28005	5.0	ND	1	10/28/2005	10/28/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5J28005	5.0	ND	1	10/28/2005	10/28/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5J28005	1.0	**6.2**	1	10/28/2005	10/28/2005	
tert-Butanol (TBA)	EPA 8260B	5J28005	25	ND	1	10/28/2005	10/28/2005	
Surrogate: Dibromofluoromethane (80-120%)				*109 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*98 %*				

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Kathleen A. Robb
Project Manager

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Report Number: IOJ1671

Sampled: 10/20/05-10/21/05
Received: 10/24/05

BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOJ1671-05 (MW-4-W-051020 - Water)				**Sampled: 10/20/05**				
Reporting Units: ug/l								
Benzene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
Ethylbenzene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
Toluene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
o-Xylene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
m,p-Xylenes	EPA 8260B	5J28005	1.0	ND	1	10/28/2005	10/28/2005	
Xylenes, Total	EPA 8260B	5J28005	1.5	ND	1	10/28/2005	10/28/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5J28005	5.0	ND	1	10/28/2005	10/28/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5J28005	5.0	ND	1	10/28/2005	10/28/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5J28005	5.0	ND	1	10/28/2005	10/28/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5J28005	1.0	ND	1	10/28/2005	10/28/2005	
tert-Butanol (TBA)	EPA 8260B	5J28005	25	ND	1	10/28/2005	10/28/2005	
Surrogate: Dibromofluoromethane (80-120%)				*108 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				
Sample ID: IOJ1671-06 (MW-5-W-051021 - Water)				**Sampled: 10/21/05**				
Reporting Units: ug/l								
Benzene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
Ethylbenzene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
Toluene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
o-Xylene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
m,p-Xylenes	EPA 8260B	5J28005	1.0	ND	1	10/28/2005	10/28/2005	
Xylenes, Total	EPA 8260B	5J28005	1.5	ND	1	10/28/2005	10/28/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5J28005	5.0	**7.7**	1	10/28/2005	10/28/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5J28005	5.0	ND	1	10/28/2005	10/28/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5J28005	5.0	ND	1	10/28/2005	10/28/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5J28005	1.0	**3.9**	1	10/28/2005	10/28/2005	
tert-Butanol (TBA)	EPA 8260B	5J28005	25	**41**	1	10/28/2005	10/28/2005	
Surrogate: Dibromofluoromethane (80-120%)				*108 %*				
Surrogate: Toluene-d8 (80-120%)				*102 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*100 %*				

Del Mar Analytical, Irvine
Kathleen A. Robb
Project Manager

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17461 Derian 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 (909) 370-1046
9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9689
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: CVX 9-1834

Report Number: IOJ1671

Sampled: 10/20/05-10/21/05
Received: 10/24/05

BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOJ1671-07 (MW-6-W-051020 - Water)				**Sampled: 10/20/05**				
Reporting Units: ug/l								
Benzene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
Ethylbenzene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
Toluene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
o-Xylene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
m,p-Xylenes	EPA 8260B	5J28005	1.0	ND	1	10/28/2005	10/28/2005	
Xylenes, Total	EPA 8260B	5J28005	1.5	ND	1	10/28/2005	10/28/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5J28005	5.0	ND	1	10/28/2005	10/28/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5J28005	5.0	ND	1	10/28/2005	10/28/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5J28005	5.0	ND	1	10/28/2005	10/28/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5J28005	1.0	ND	1	10/28/2005	10/28/2005	
tert-Butanol (TBA)	EPA 8260B	5J28005	25	ND	1	10/28/2005	10/28/2005	
Surrogate: Dibromofluoromethane (80-120%)				*110 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*95 %*				
Sample ID: IOJ1671-08 (MW-7-W-051021 - Water)				**Sampled: 10/21/05**				
Reporting Units: ug/l								
Benzene	EPA 8260B	5J28005	0.50	**51**	1	10/28/2005	10/28/2005	
Ethylbenzene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
Toluene	EPA 8260B	5J28005	0.50	**0.74**	1	10/28/2005	10/28/2005	
o-Xylene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
m,p-Xylenes	EPA 8260B	5J28005	1.0	ND	1	10/28/2005	10/28/2005	
Xylenes, Total	EPA 8260B	5J28005	1.5	ND	1	10/28/2005	10/28/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5J28005	5.0	ND	1	10/28/2005	10/28/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5J28005	5.0	ND	1	10/28/2005	10/28/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5J28005	5.0	ND	1	10/28/2005	10/28/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5J28005	1.0	**7.2**	1	10/28/2005	10/28/2005	
tert-Butanol (TBA)	EPA 8260B	5J28005	25	ND	1	10/28/2005	10/28/2005	
Surrogate: Dibromofluoromethane (80-120%)				*112 %*				
Surrogate: Toluene-d8 (80-120%)				*101 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*100 %*				

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Project Manager

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17461 Derian 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 (909) 370-1046
9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9689
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: CVX 9-1834

Report Number: IOJ1671

Sampled: 10/20/05-10/21/05
Received: 10/24/05

BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOJ1671-09 (MW-8-W-051020 - Water)				**Sampled: 10/20/05**				
Reporting Units: ug/l								
Benzene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
Ethylbenzene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
Toluene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
o-Xylene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
m,p-Xylenes	EPA 8260B	5J28005	1.0	ND	1	10/28/2005	10/28/2005	
Xylenes, Total	EPA 8260B	5J28005	1.5	ND	1	10/28/2005	10/28/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5J28005	5.0	ND	1	10/28/2005	10/28/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5J28005	5.0	ND	1	10/28/2005	10/28/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5J28005	5.0	ND	1	10/28/2005	10/28/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5J28005	1.0	**2.4**	1	10/28/2005	10/28/2005	
tert-Butanol (TBA)	EPA 8260B	5J28005	25	ND	1	10/28/2005	10/28/2005	
Surrogate: Dibromofluoromethane (80-120%)				*111 %*				
Surrogate: Toluene-d8 (80-120%)				*102 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				
Sample ID: IOJ1671-10 (MW-9-W-051021 - Water)				**Sampled: 10/21/05**				
Reporting Units: ug/l								
Benzene	EPA 8260B	5J28023	10	**510**	20	10/28/2005	10/29/2005	
Ethylbenzene	EPA 8260B	5J28023	10	**490**	20	10/28/2005	10/29/2005	
Toluene	EPA 8260B	5J28023	10	**2900**	20	10/28/2005	10/29/2005	
o-Xylene	EPA 8260B	5J28023	10	**1700**	20	10/28/2005	10/29/2005	
m,p-Xylenes	EPA 8260B	5J28023	20	**2800**	20	10/28/2005	10/29/2005	
Xylenes, Total	EPA 8260B	5J28023	30	**4500**	20	10/28/2005	10/29/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5J28023	100	ND	20	10/28/2005	10/29/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5J28023	100	ND	20	10/28/2005	10/29/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5J28023	100	ND	20	10/28/2005	10/29/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5J28023	20	**130**	20	10/28/2005	10/29/2005	
tert-Butanol (TBA)	EPA 8260B	5J28023	500	ND	20	10/28/2005	10/29/2005	
Surrogate: Dibromofluoromethane (80-120%)				*116 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*98 %*				

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Project Manager

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17461 Derian 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 (909) 370-1046
9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9689
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: CVX 9-1834

Report Number: IOJ1671

Sampled: 10/20/05-10/21/05
Received: 10/24/05

BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOJ1671-11 (MW-10-W-051020 - Water)				**Sampled: 10/20/05**				
Reporting Units: ug/l								
Benzene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
Ethylbenzene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
Toluene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
o-Xylene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
m,p-Xylenes	EPA 8260B	5J28005	1.0	ND	1	10/28/2005	10/28/2005	
Xylenes, Total	EPA 8260B	5J28005	1.5	ND	1	10/28/2005	10/28/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5J28005	5.0	ND	1	10/28/2005	10/28/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5J28005	5.0	ND	1	10/28/2005	10/28/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5J28005	5.0	ND	1	10/28/2005	10/28/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5J28005	1.0	ND	1	10/28/2005	10/28/2005	
tert-Butanol (TBA)	EPA 8260B	5J28005	25	ND	1	10/28/2005	10/28/2005	
Surrogate: Dibromofluoromethane (80-120%)				*114 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*95 %*				
Sample ID: IOJ1671-12 (MW-12-W-051020 - Water)				**Sampled: 10/20/05**				
Reporting Units: ug/l								
Benzene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
Ethylbenzene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
Toluene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
o-Xylene	EPA 8260B	5J28005	0.50	ND	1	10/28/2005	10/28/2005	
m,p-Xylenes	EPA 8260B	5J28005	1.0	ND	1	10/28/2005	10/28/2005	
Xylenes, Total	EPA 8260B	5J28005	1.5	ND	1	10/28/2005	10/28/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5J28005	5.0	ND	1	10/28/2005	10/28/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5J28005	5.0	ND	1	10/28/2005	10/28/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5J28005	5.0	ND	1	10/28/2005	10/28/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5J28005	1.0	ND	1	10/28/2005	10/28/2005	
tert-Butanol (TBA)	EPA 8260B	5J28005	25	ND	1	10/28/2005	10/28/2005	
Surrogate: Dibromofluoromethane (80-120%)				*116 %*				
Surrogate: Toluene-d8 (80-120%)				*101 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				

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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: CVX 9-1834

Report Number: IOJ1671

Sampled: 10/20/05-10/21/05
Received: 10/24/05

BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOJ1671-13 (MW-11-W-051021 - Water)				**Sampled: 10/21/05**				
Reporting Units: ug/l								
Benzene	EPA 8260B	5J29018	0.50	ND	1	10/29/2005	10/29/2005	
Ethylbenzene	EPA 8260B	5J29018	0.50	ND	1	10/29/2005	10/29/2005	
Toluene	EPA 8260B	5J29018	0.50	ND	1	10/29/2005	10/29/2005	
o-Xylene	EPA 8260B	5J29018	0.50	ND	1	10/29/2005	10/29/2005	
m,p-Xylenes	EPA 8260B	5J29018	1.0	ND	1	10/29/2005	10/29/2005	
Xylenes, Total	EPA 8260B	5J29018	1.5	ND	1	10/29/2005	10/29/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5J29018	5.0	ND	1	10/29/2005	10/29/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5J29018	5.0	ND	1	10/29/2005	10/29/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5J29018	5.0	ND	1	10/29/2005	10/29/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5J29018	1.0	ND	1	10/29/2005	10/29/2005	
tert-Butanol (TBA)	EPA 8260B	5J29018	25	ND	1	10/29/2005	10/29/2005	
Surrogate: Dibromofluoromethane (80-120%)				*106 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				
Sample ID: IOJ1671-14 (QA-T-051021 - Water)				**Sampled: 10/21/05**				
Reporting Units: ug/l								
Benzene	EPA 8260B	5J29018	0.50	ND	1	10/29/2005	10/29/2005	
Ethylbenzene	EPA 8260B	5J29018	0.50	ND	1	10/29/2005	10/29/2005	
Toluene	EPA 8260B	5J29018	0.50	ND	1	10/29/2005	10/29/2005	
o-Xylene	EPA 8260B	5J29018	0.50	ND	1	10/29/2005	10/29/2005	
m,p-Xylenes	EPA 8260B	5J29018	1.0	ND	1	10/29/2005	10/29/2005	
Xylenes, Total	EPA 8260B	5J29018	1.5	ND	1	10/29/2005	10/29/2005	
Di-isopropyl Ether (DIPE)	EPA 8260B	5J29018	5.0	ND	1	10/29/2005	10/29/2005	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5J29018	5.0	ND	1	10/29/2005	10/29/2005	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5J29018	5.0	ND	1	10/29/2005	10/29/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5J29018	1.0	ND	1	10/29/2005	10/29/2005	
tert-Butanol (TBA)	EPA 8260B	5J29018	25	ND	1	10/29/2005	10/29/2005	
Surrogate: Dibromofluoromethane (80-120%)				*106 %*				
Surrogate: Toluene-d8 (80-120%)				*98 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*95 %*				

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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: CVX 9-1834

Report Number: IOJ1671

Sampled: 10/20/05-10/21/05
Received: 10/24/05

METHOD BLANK/QC DATA

VOLATILE FUEL HYDROCARBONS BY GC/MS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5J28005 Extracted: 10/28/05										
Blank Analyzed: 10/28/2005 (5J28005-BLK1)										
Volatile Fuel Hydrocarbons (C4-C12)	ND	100	ug/l							
Surrogate: Dibromofluoromethane	*26.1*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Toluene-d8	*25.2*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.9*		*ug/l*	*25.0*		*96*	*80-120*			
LCS Analyzed: 10/28/2005 (5J28005-BS2)										
Volatile Fuel Hydrocarbons (C4-C12)	401	100	ug/l	500		80	60-130			
Surrogate: Dibromofluoromethane	*26.3*		*ug/l*	*25.0*		*105*	*80-120*			
Surrogate: Toluene-d8	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			
Matrix Spike Analyzed: 10/28/2005 (5J28005-MS1)					**Source: IOJ1671-03**					
Volatile Fuel Hydrocarbons (C4-C12)	1190	100	ug/l	1120	37	103	60-140			
Surrogate: Dibromofluoromethane	*27.8*		*ug/l*	*25.0*		*111*	*80-120*			
Surrogate: Toluene-d8	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.4*		*ug/l*	*25.0*		*102*	*80-120*			
Matrix Spike Dup Analyzed: 10/28/2005 (5J28005-MSD1)					**Source: IOJ1671-03**					
Volatile Fuel Hydrocarbons (C4-C12)	1080	100	ug/l	1120	37	93	60-140	10	20	
Surrogate: Dibromofluoromethane	*27.8*		*ug/l*	*25.0*		*111*	*80-120*			
Surrogate: Toluene-d8	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			
Batch: 5J28023 Extracted: 10/28/05										
Blank Analyzed: 10/28/2005 (5J28023-BLK1)										
Volatile Fuel Hydrocarbons (C4-C12)	ND	100	ug/l							
Surrogate: Dibromofluoromethane	*26.5*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate: Toluene-d8	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.1*		*ug/l*	*25.0*		*96*	*80-120*			

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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: CVX 9-1834

Report Number: IOJ1671

Sampled: 10/20/05-10/21/05
Received: 10/24/05

METHOD BLANK/QC DATA

VOLATILE FUEL HYDROCARBONS BY GC/MS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5J28023 Extracted: 10/28/05										
LCS Analyzed: 10/28/2005 (5J28023-BS2)										
Volatile Fuel Hydrocarbons (C4-C12)	431	100	ug/l	500		86	60-130			*M-3*
Surrogate: Dibromofluoromethane	*27.0*		*ug/l*	*25.0*		*108*	*80-120*			
Surrogate: Toluene-d8	*25.3*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			
Batch: 5J29018 Extracted: 10/29/05										
Blank Analyzed: 10/29/2005 (5J29018-BLK1)										
Volatile Fuel Hydrocarbons (C4-C12)	ND	100	ug/l							
Surrogate: Dibromofluoromethane	*25.3*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Toluene-d8	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.2*		*ug/l*	*25.0*		*97*	*80-120*			
LCS Analyzed: 10/29/2005 (5J29018-BS2)										
Volatile Fuel Hydrocarbons (C4-C12)	416	100	ug/l	500		83	60-130			
Surrogate: Dibromofluoromethane	*27.2*		*ug/l*	*25.0*		*109*	*80-120*			
Surrogate: Toluene-d8	*25.1*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.4*		*ug/l*	*25.0*		*98*	*80-120*			
Matrix Spike Analyzed: 10/29/2005 (5J29018-MS1)					**Source: IOJ1636-04**					
Volatile Fuel Hydrocarbons (C4-C12)	1290	100	ug/l	1120	64	109	60-140			
Surrogate: Dibromofluoromethane	*28.9*		*ug/l*	*25.0*		*116*	*80-120*			
Surrogate: Toluene-d8	*25.1*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.2*		*ug/l*	*25.0*		*101*	*80-120*			
Matrix Spike Dup Analyzed: 10/29/2005 (5J29018-MSD1)					**Source: IOJ1636-04**					
Volatile Fuel Hydrocarbons (C4-C12)	1280	100	ug/l	1120	64	109	60-140	1	20	
Surrogate: Dibromofluoromethane	*28.6*		*ug/l*	*25.0*		*114*	*80-120*			
Surrogate: Toluene-d8	*25.3*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.4*		*ug/l*	*25.0*		*102*	*80-120*			

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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: CVX 9-1834

Report Number: IOJ1671

Sampled: 10/20/05-10/21/05
Received: 10/24/05

METHOD BLANK/QC DATA

BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5J28005 Extracted: 10/28/05										
Blank Analyzed: 10/28/2005 (5J28005-BLK1)										
Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
o-Xylene	ND	0.50	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
Xylenes, Total	ND	1.5	ug/l							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	ug/l							
tert-Butanol (TBA)	ND	25	ug/l							
Surrogate: Dibromofluoromethane	*26.1*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Toluene-d8	*25.2*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.9*		*ug/l*	*25.0*		*96*	*80-120*			
LCS Analyzed: 10/28/2005 (5J28005-BS1)										
Benzene	25.1	0.50	ug/l	25.0		100	65-120			
Ethylbenzene	23.9	0.50	ug/l	25.0		96	70-125			
Toluene	24.6	0.50	ug/l	25.0		98	70-125			
o-Xylene	23.8	0.50	ug/l	25.0		95	70-125			
m,p-Xylenes	48.0	1.0	ug/l	50.0		96	70-125			
Xylenes, Total	71.7	1.5	ug/l	75.0		96	70-125			
Di-isopropyl Ether (DIPE)	28.3	5.0	ug/l	25.0		113	60-135			
Ethyl tert-Butyl Ether (ETBE)	26.8	5.0	ug/l	25.0		107	60-135			
tert-Amyl Methyl Ether (TAME)	27.4	5.0	ug/l	25.0		110	60-135			
Methyl-tert-butyl Ether (MTBE)	27.3	1.0	ug/l	25.0		109	55-140			
tert-Butanol (TBA)	124	25	ug/l	125		99	65-135			
Surrogate: Dibromofluoromethane	*27.9*		*ug/l*	*25.0*		*112*	*80-120*			
Surrogate: Toluene-d8	*25.1*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.2*		*ug/l*	*25.0*		*101*	*80-120*			

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

Project ID: CVX 9-1834

Report Number: IOJ1671

Sampled: 10/20/05-10/21/05
Received: 10/24/05

METHOD BLANK/QC DATA

BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5J28005 Extracted: 10/28/05										
Matrix Spike Analyzed: 10/28/2005 (5J28005-MS1)					**Source: IOJ1671-03**					
Benzene	25.0	0.50	ug/l	25.0	ND	100	60-125			
Ethylbenzene	24.1	0.50	ug/l	25.0	ND	96	65-130			
Toluene	24.5	0.50	ug/l	25.0	ND	98	65-125			
o-Xylene	23.8	0.50	ug/l	25.0	ND	95	60-125			
m,p-Xylenes	48.5	1.0	ug/l	50.0	ND	97	60-130			
Xylenes, Total	72.3	1.5	ug/l	75.0	ND	96	60-130			
Di-isopropyl Ether (DIPE)	28.6	5.0	ug/l	25.0	ND	114	60-140			
Ethyl tert-Butyl Ether (ETBE)	26.9	5.0	ug/l	25.0	ND	108	55-135			
tert-Amyl Methyl Ether (TAME)	27.4	5.0	ug/l	25.0	ND	110	55-140			
Methyl-tert-butyl Ether (MTBE)	28.6	1.0	ug/l	25.0	0.92	111	50-150			
tert-Butanol (TBA)	133	25	ug/l	125	5.9	102	60-145			
Surrogate: Dibromofluoromethane	*27.8*		*ug/l*	*25.0*		*111*	*80-120*			
Surrogate: Toluene-d8	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.4*		*ug/l*	*25.0*		*102*	*80-120*			
Matrix Spike Dup Analyzed: 10/28/2005 (5J28005-MSD1)					**Source: IOJ1671-03**					
Benzene	23.0	0.50	ug/l	25.0	ND	92	60-125	8	20	
Ethylbenzene	22.2	0.50	ug/l	25.0	ND	89	65-130	8	20	
Toluene	22.7	0.50	ug/l	25.0	ND	91	65-125	8	20	
o-Xylene	21.9	0.50	ug/l	25.0	ND	88	60-125	8	20	
m,p-Xylenes	44.1	1.0	ug/l	50.0	ND	88	60-130	10	25	
Xylenes, Total	66.0	1.5	ug/l	75.0	ND	88	60-130	9	20	
Di-isopropyl Ether (DIPE)	26.1	5.0	ug/l	25.0	ND	104	60-140	9	25	
Ethyl tert-Butyl Ether (ETBE)	24.5	5.0	ug/l	25.0	ND	98	55-135	9	25	
tert-Amyl Methyl Ether (TAME)	24.8	5.0	ug/l	25.0	ND	99	55-140	10	30	
Methyl-tert-butyl Ether (MTBE)	25.7	1.0	ug/l	25.0	0.92	99	50-150	11	25	
tert-Butanol (TBA)	120	25	ug/l	125	5.9	91	60-145	10	25	
Surrogate: Dibromofluoromethane	*27.8*		*ug/l*	*25.0*		*111*	*80-120*			
Surrogate: Toluene-d8	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			

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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: CVX 9-1834

Report Number: IOJ1671

Sampled: 10/20/05-10/21/05
Received: 10/24/05

METHOD BLANK/QC DATA

BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5J28023 Extracted: 10/28/05										
Blank Analyzed: 10/28/2005 (5J28023-BLK1)										
Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
o-Xylene	ND	0.50	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
Xylenes, Total	ND	1.5	ug/l							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	ug/l							
tert-Butanol (TBA)	ND	25	ug/l							
Surrogate: Dibromofluoromethane	*26.5*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate: Toluene-d8	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.1*		*ug/l*	*25.0*		*96*	*80-120*			
LCS Analyzed: 10/28/2005 (5J28023-BS1)										
Benzene	24.5	0.50	ug/l	25.0		98	65-120			
Ethylbenzene	23.8	0.50	ug/l	25.0		95	70-125			
Toluene	24.3	0.50	ug/l	25.0		97	70-125			
o-Xylene	23.6	0.50	ug/l	25.0		94	70-125			
m,p-Xylenes	47.5	1.0	ug/l	50.0		95	70-125			
Xylenes, Total	71.0	1.5	ug/l	75.0		95	70-125			
Di-isopropyl Ether (DIPE)	27.0	5.0	ug/l	25.0		108	60-135			
Ethyl tert-Butyl Ether (ETBE)	25.4	5.0	ug/l	25.0		102	60-135			
tert-Amyl Methyl Ether (TAME)	25.5	5.0	ug/l	25.0		102	60-135			
Methyl-tert-butyl Ether (MTBE)	25.2	1.0	ug/l	25.0		101	55-140			
tert-Butanol (TBA)	122	25	ug/l	125		98	65-135			
Surrogate: Dibromofluoromethane	*27.2*		*ug/l*	*25.0*		*109*	*80-120*			
Surrogate: Toluene-d8	*25.1*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.5*		*ug/l*	*25.0*		*102*	*80-120*			

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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: CVX 9-1834

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Sampled: 10/20/05-10/21/05
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METHOD BLANK/QC DATA

BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5J28023 Extracted: 10/28/05										
Matrix Spike Analyzed: 10/28/2005 (5J28023-MS1)					**Source: IOJ1768-07**					
Benzene	64.0	0.50	ug/l	25.0	41	92	60-125			
Ethylbenzene	52.7	0.50	ug/l	25.0	30	91	65-130			
Toluene	67.9	0.50	ug/l	25.0	45	92	65-125			
o-Xylene	50.7	0.50	ug/l	25.0	28	91	60-125			
m,p-Xylenes	116	1.0	ug/l	50.0	72	88	60-130			
Xylenes, Total	167	1.5	ug/l	75.0	100	89	60-130			
Di-isopropyl Ether (DIPE)	28.0	5.0	ug/l	25.0	ND	112	60-140			
Ethyl tert-Butyl Ether (ETBE)	26.2	5.0	ug/l	25.0	ND	105	55-135			
tert-Amyl Methyl Ether (TAME)	26.5	5.0	ug/l	25.0	ND	106	55-140			
Methyl-tert-butyl Ether (MTBE)	35.1	1.0	ug/l	25.0	9.1	104	50-150			
tert-Butanol (TBA)	130	25	ug/l	125	11	95	60-145			
Surrogate: Dibromofluoromethane	*27.9*		*ug/l*	*25.0*		*112*	*80-120*			
Surrogate: Toluene-d8	*25.4*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.3*		*ug/l*	*25.0*		*101*	*80-120*			
Matrix Spike Dup Analyzed: 10/28/2005 (5J28023-MSD1)					**Source: IOJ1768-07**					
Benzene	63.1	0.50	ug/l	25.0	41	88	60-125	1	20	
Ethylbenzene	51.8	0.50	ug/l	25.0	30	87	65-130	2	20	
Toluene	66.8	0.50	ug/l	25.0	45	87	65-125	2	20	
o-Xylene	50.6	0.50	ug/l	25.0	28	90	60-125	0	20	
m,p-Xylenes	114	1.0	ug/l	50.0	72	84	60-130	2	25	
Xylenes, Total	165	1.5	ug/l	75.0	100	87	60-130	1	20	
Di-isopropyl Ether (DIPE)	28.5	5.0	ug/l	25.0	ND	114	60-140	2	25	
Ethyl tert-Butyl Ether (ETBE)	27.4	5.0	ug/l	25.0	ND	110	55-135	4	25	
tert-Amyl Methyl Ether (TAME)	28.0	5.0	ug/l	25.0	ND	112	55-140	6	30	
Methyl-tert-butyl Ether (MTBE)	37.1	1.0	ug/l	25.0	9.1	112	50-150	6	25	
tert-Butanol (TBA)	132	25	ug/l	125	11	97	60-145	2	25	
Surrogate: Dibromofluoromethane	*28.2*		*ug/l*	*25.0*		*113*	*80-120*			
Surrogate: Toluene-d8	*25.1*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.4*		*ug/l*	*25.0*		*102*	*80-120*			

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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: CVX 9-1834

Report Number: IOJ1671

Sampled: 10/20/05-10/21/05
Received: 10/24/05

METHOD BLANK/QC DATA

BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5J29018 Extracted: 10/29/05										
Blank Analyzed: 10/29/2005 (5J29018-BLK1)										
Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
o-Xylene	ND	0.50	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
Xylenes, Total	ND	1.5	ug/l							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	ug/l							
tert-Butanol (TBA)	ND	25	ug/l							
Surrogate: Dibromofluoromethane	*25.3*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Toluene-d8	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.2*		*ug/l*	*25.0*		*97*	*80-120*			
LCS Analyzed: 10/29/2005 (5J29018-BS1)										
Benzene	26.3	0.50	ug/l	25.0		105	65-120			
Ethylbenzene	25.2	0.50	ug/l	25.0		101	70-125			
Toluene	26.2	0.50	ug/l	25.0		105	70-125			
o-Xylene	25.1	0.50	ug/l	25.0		100	70-125			
m,p-Xylenes	50.5	1.0	ug/l	50.0		101	70-125			
Xylenes, Total	75.6	1.5	ug/l	75.0		101	70-125			
Di-isopropyl Ether (DIPE)	29.3	5.0	ug/l	25.0		117	60-135			
Ethyl tert-Butyl Ether (ETBE)	27.7	5.0	ug/l	25.0		111	60-135			
tert-Amyl Methyl Ether (TAME)	27.8	5.0	ug/l	25.0		111	60-135			
Methyl-tert-butyl Ether (MTBE)	27.8	1.0	ug/l	25.0		111	55-140			
tert-Butanol (TBA)	129	25	ug/l	125		103	65-135			
Surrogate: Dibromofluoromethane	*27.4*		*ug/l*	*25.0*		*110*	*80-120*			
Surrogate: Toluene-d8	*25.4*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			

Del Mar Analytical, Irvine
Kathleen A. Robb
Project Manager

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17461 Derian 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 (909) 370-1046
9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9689
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: CVX 9-1834

Report Number: IOJ1671

Sampled: 10/20/05-10/21/05
Received: 10/24/05

METHOD BLANK/QC DATA

BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5J29018 Extracted: 10/29/05										
Matrix Spike Analyzed: 10/29/2005 (5J29018-MS1)					**Source: IOJ1636-04**					
Benzene	26.1	0.50	ug/l	25.0	ND	104	60-125			
Ethylbenzene	25.1	0.50	ug/l	25.0	ND	100	65-130			
Toluene	25.8	0.50	ug/l	25.0	ND	103	65-125			
o-Xylene	24.7	0.50	ug/l	25.0	ND	99	60-125			
m,p-Xylenes	49.8	1.0	ug/l	50.0	ND	100	60-130			
Xylenes, Total	74.4	1.5	ug/l	75.0	ND	99	60-130			
Di-isopropyl Ether (DIPE)	30.1	5.0	ug/l	25.0	ND	120	60-140			
Ethyl tert-Butyl Ether (ETBE)	27.8	5.0	ug/l	25.0	ND	111	55-135			
tert-Amyl Methyl Ether (TAME)	27.9	5.0	ug/l	25.0	ND	112	55-140			
Methyl-tert-butyl Ether (MTBE)	60.3	1.0	ug/l	25.0	31	117	50-150			
tert-Butanol (TBA)	129	25	ug/l	125	ND	103	60-145			
Surrogate: Dibromofluoromethane	*28.9*		*ug/l*	*25.0*		*116*	*80-120*			
Surrogate: Toluene-d8	*25.1*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.2*		*ug/l*	*25.0*		*101*	*80-120*			
Matrix Spike Dup Analyzed: 10/29/2005 (5J29018-MSD1)					**Source: IOJ1636-04**					
Benzene	25.5	0.50	ug/l	25.0	ND	102	60-125	2	20	
Ethylbenzene	24.3	0.50	ug/l	25.0	ND	97	65-130	3	20	
Toluene	25.2	0.50	ug/l	25.0	ND	101	65-125	2	20	
o-Xylene	24.3	0.50	ug/l	25.0	ND	97	60-125	2	20	
m,p-Xylenes	48.4	1.0	ug/l	50.0	ND	97	60-130	3	25	
Xylenes, Total	72.6	1.5	ug/l	75.0	ND	97	60-130	2	20	
Di-isopropyl Ether (DIPE)	29.7	5.0	ug/l	25.0	ND	119	60-140	1	25	
Ethyl tert-Butyl Ether (ETBE)	28.1	5.0	ug/l	25.0	ND	112	55-135	1	25	
tert-Amyl Methyl Ether (TAME)	28.0	5.0	ug/l	25.0	ND	112	55-140	0	30	
Methyl-tert-butyl Ether (MTBE)	61.4	1.0	ug/l	25.0	31	122	50-150	2	25	
tert-Butanol (TBA)	127	25	ug/l	125	ND	102	60-145	2	25	
Surrogate: Dibromofluoromethane	*28.6*		*ug/l*	*25.0*		*114*	*80-120*			
Surrogate: Toluene-d8	*25.3*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.4*		*ug/l*	*25.0*		*102*	*80-120*			

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: CVX 9-1834

Report Number: IOJ1671

Sampled: 10/20/05-10/21/05
Received: 10/24/05

DATA QUALIFIERS AND DEFINITIONS

M-3 Results exceeded the linear range in the MS/MSD and therefore are not available for reporting. The batch was accepted based on acceptable recovery in the Blank Spike (LCS).

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

RPD Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

For Volatile Fuel Hydrocarbons (C4-C12):

Volatile Fuel Hydrocarbons (C4-C12) are quantitated against a gasoline standard. Quantitation begins immediately before TBA-d9.

Del Mar Analytical, Irvine
Kathleen A. Robb
Project Manager

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Attention: Kim Thompson

Project ID: CVX 9-1834

Report Number: IOJ1671

Sampled: 10/20/05-10/21/05
Received: 10/24/05

Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	Nelac	California
EPA 8260B	Water	X	X
TPH by GC/MS	Water	X	X

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
Kathleen A. Robb
Project Manager

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#229 IQJ 1671

CHAIN OF CUSTODY FORM

Chevron Environmental Management Company ■ 145 S. State College Boulevard ■ Brea, CA 92822-2292 COC 1 of 2

Chevron Site Global ID: T0607302116
Chevron Site Number 9-1834
Chevron Site Address: 4175 Voltaire Street
San Diego, CA
Chevron PM: Eric Roehl
Chevron PM Phone No.: (714) 671-3200

Chevron Consultant: SECOR International, Inc.
Address: 2655 Camino Del Rio N., #302, S.D., CA 92108
Consultant Contact: Kim Thompson/Cell (619) 865-2671
Consultant Phone No. (619) 296-6195
Consultant Project No. 08CH.41834.05
Sampling Company: SECOR International, Inc.
Sampled By (Print): [signature]
Sampler Signature: [signature]

☑ Retail and Terminal Business Unit (RTBU) Job
Charge Code: NWRTB - 0 0 9 1 8 3 4 - 0 - O M L
NWRTB 00SITE NUMBER -0- WBS
(WBS ELEMENTS: SITE ASSMT: A1L/SITE MONT.:OML/REMD. IMPL.:R5L/OP. MAINT. & MON.: M1L)

☐ Construction/Retail Job

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

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

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

Other Lab

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
QA	T	—	051020	—	VOA, 40mL	6	HCL & ICE			X									
MW-1	W	~~51.54~~ 50	05-10-21	1223	VOA, 40mL	6	HCL & ICE			X									
MW-2	W	~~49.48~~ 50	05-10-21	1104	VOA, 40mL	6	HCL & ICE			X									
MW-3	W	~~49.66~~ 50	05-10-21	1043	VOA, 40mL	6	HCL & ICE			X									
MW-4	W	~~50.93~~ 50	05-10-20	1104	VOA, 40mL	6	HCL & ICE			X									
MW-5	W	~~49.50~~ 50	05-10-21	1000	VOA, 40mL	6	HCL & ICE			X									
MW-6	W	~~49.47~~ 50	05-10-20	1234	VOA, 40mL	6	HCL & ICE			X									
MW-7	W	~~50.51~~ 50	05-10-21	1122	VOA, 40mL	6	HCL & ICE			X									
MW-8	W	~~50.38~~ 50	05-10-20	1353	VOA, 40mL	6	HCL & ICE			X									
MW-9	W	~~52.09~~ 50	05-10-21	1208	VOA, 40mL	6	HCL & ICE			X									

Special Instructions
Please use County of SD detection limits. Send EDF & PDF to szuniga@secor.com
10/21/05

Temp. Blank Check

Time	Temp.
10/20/05	
1108	2°
1215	3°
1310	3°
10/21/05	
0938	2°
~~1054~~	~~2°~~
~~1142~~	~~3°~~
1248	3°

Relinquished By	Company	Date/Time:	Relinquished To / Date/Time:	Company
[signature]	SECOR	10-21-05 1430	[signature]	Delmar From Fridge 10/24/05 1220
[signature]	Delmar	10/24/05 1517	[signature]	Vn Bank 10-24-05 1517

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

Sample Integrity: (Check by lab on arrival)
Intact: ✓ On Ice: ✓ Temp: 4

(CC)

CHAIN OF CUSTODY FORM

Chevron Environmental Management Company ■ 145 S. State College Boulevard ■ Brea, CA 92822-2292 COC 2 of 2

Chevron Site Global ID: T0607302116

Chevron Site Number: 9-1834

Chevron Site Address: 4175 Voltaire Street
San Diego, CA

Chevron PM: Eric Roehl

Chevron PM Phone No.: (714) 671-3200

☑ Retail and Terminal Business Unit (RTBU) Job
Charge Code: NWRTB - 0 0 9 1 8 3 4 - 0 - O M L
NWRTB 00SITE NUMBER -0- WBS
(**WBS ELEMENTS**: SITE ASSMT: **A1L**/SITE MONT.:**OML**/REMD. IMPL.:**R5L**/OP. MAINT. & MON.: **M1L**)

☐ Construction/Retail Job

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., #302, S.D., CA 92108

Consultant Contact: Kim Thompson/Cell (619) 865-2671

Consultant Phone No. (619) 296-6195

Consultant Project No. 08CH.41834.05

Sampling Company: SECOR International, Inc.

Sampled By (Print):

Sampler Signature:

Del Mar Analytical	Lancaster Laboratories	Other Lab
☑ 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	

ANALYSES REQUIRED

Special Instructions: Please use County of SD detection limits. Send EDF & PDF to szuniga@secor.com

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
MW-10	W	~~50.12~~ 50	05-10-20	1107	VOA, 40mL	6	HCL & ICE			X											
MW-~~11~~ 12	W	~~51.33~~ 50	05-10-20	1430	VOA, 40mL	6	HCL & ICE			X											
MW-~~12~~ 11	W	~~52.03~~ 50	05-10-21	0916	VOA, 40mL	6	HCL & ICE			X											
QA	~~W~~ T	—	05-10-21	—	VOA, 40mL	6	HCL & ICE			X											

Relinquished By	Company	Date/Time:	Relinquished To / Date/Time:	Company
[signature]	SECOR	10-21-05 1430	[signature]	Del MAR From Fridge 10/24/05 1220
[signature]	Del MAR	10/24/05 1517		

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

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

APPENDIX B
MONITORING WELL GAUGING LOGS
AND WELL PURGING AND SAMPLING LOGS

3

SECOR

DAILY FIELD NOTES

Page: 1 of 1
Date: 8/3/2005

Client: CHEVRON	Site No: 9-1834	Project No: 08CH.41834.05 / 0790

Scope of Work: 3rd Quarter Groundwater Monitoring/Sampling

Describe Daily Activities:

Number of drums left on site: ~~8~~ 3 2W 1 HAZ

Gauged 12 monitoring wells.
Purged 3 monitoring wells.
Sampled 3 monitoring wells.

Field Calibration Buffers:		Actual Readings
pH	4.00	4.00
pH	7.00	7.01
pH	10.00	10.02
Conductivity	1413	1411

Field Notes:

0830 ARRIVE ON SITE, HASP, SETUP.
0900 - GAUGING MW-10 (TC) - BREAK DOWN TC
0930 - GAUGING ON SITE / CAR PARKED OVER MW-11 TRIED TO FIND OWNER NO LUCK
1030 - LOCATED OWNER / GAUGED MW 11
1100 - FINISH GAUGING BEGIN P/S
1350 - P/S FINISHED CLEAN UP / DEPART

1400 DEPART

THIS SITE IS VERY DIFFICULT TO SAMPLE WITHOUT LITTLE CARBONATION-LIKE BUBBLES IN VOAS!

SUGGESTIONS?

Mob / Demob Time:
Travel Time:

Arrived on site: 0830
Departed site: 1400

Decontamination Procedures: **3-Stage (Alconox Wash, Tap Water Rinse, & Distilled Water Rinse)**

Daily Health and Safety Log Completed?: Y

Utility Locations Checked?: Y

Important Conversations:

TC Calloff Confirmation Number: EC8 3670

Important Changes in Scope of Work:

Weather Conditions: SUNNY / HOT

Subcontractors On Site: **TCS** **Other:**

SECOR Personnel On Site: DK, JG

Signed: [signature]

Date: 8/3/05

SECOR International Incorporated

Depth to Water Gauging Log | Project and Job Number: 08CH.41834.05 / 0790

Station No: Chevron #9-1834 | Site: 4175 Voltaire Street, San Diego, CA | Checked By: JJ

Well ID No.	Date	Time	Instrument / Serial Number	Measured by:	Reference Point Elevation [1] (feet)	Depth to Water (feet)	Depth to LPH [3] (feet)	Water Level Elevation [2] (feet)	DTB Remarks
MW-1	08/03/05	0845	14	JG	69.59	51.53		18.06	
MW-2	08/03/05	1040	3	DK	68.02	49.11		18.91	63.80
MW-3	08/03/05	1046	14	JG	68.01	49.88		18.13	63.25
MW-4	08/03/05	1055	3	DK	69.85	50.61		19.24	62.52
MW-5	08/03/05	1047	3	DK	67.37	48.61		18.76	60.60
MW-6	08/03/05	1014	3	DK	68.56	49.63		18.93	63.15
MW-7	08/03/05	1038	14	JG	68.52	50.57		17.95	63.38
MW-8	08/03/05	1008	14	JG	70.50	15.04		55.46	25.81
MW-9	08/03/05	1054	14	JG	69.37	51.20		18.17	
MW-10	08/03/05	0902	3	DK	68.07	50.11		17.96	63.60
MW-11	08/03/05	1033	3	DK	70.20	51.27		18.93	PARKED OVER 64.9
MW-12	08/03/05	1000	3	DK	71.65	52.15		19.5	63.60

Notes:
1 - feet above mean sea level unless noted otherwise
2 - elevation adjusted by adding (.75 x product thickness) to measured water elevation
3 - LPH = free product

SECOR International Incorporated

DAILY FIELD LOG:

Job Number 08CH.41834.05 / 0790

SAMPLER(s): DK, JG

Arrived on Site: 0830

STATION NO.: Chevron #9-1834

Departed Site: 1400

Blind Number		Station ID	Station Type	Matrix	Analyses	Preserv.	No. of Sample Containers & Type	Sample Depth (feet)		Sample Date	Sample Time	COC No.	Comments
Sample ID	Cond. ID							Top	Bottom				
MW-1	n/a	9-1834	n/a	H2O	See C.O.C.	HCL	6 x 40ml VOA	51.53	n/a	8/3/2005	1205		
MW-2	n/a	9-1834	n/a	H2O	See C.O.C.	HCL	6 x 40ml VOA	49.11	n/a	8/3/2005	—		
MW-3	n/a	9-1834	n/a	H2O	See C.O.C.	HCL	6 x 40ml VOA	49.88	n/a	8/3/2005	—		
MW-4	n/a	9-1834	n/a	H2O	See C.O.C.	HCL	6 x 40ml VOA	50.61	n/a	8/3/2005	—		
MW-5	n/a	9-1834	n/a	H2O	See C.O.C.	HCL	6 x 40ml VOA	48.61	n/a	8/3/2005	—		
MW-6	n/a	9-1834	n/a	H2O	See C.O.C.	HCL	6 x 40ml VOA	49.63	n/a	8/3/2005	—		
MW-7	n/a	9-1834	n/a	H2O	See C.O.C.	HCL	6 x 40ml VOA	50.57	n/a	8/3/2005	1212		
MW-8	n/a	9-1834	n/a	H2O	See C.O.C.	HCL	6 x 40ml VOA	15.04	n/a	8/3/2005	—		
MW-9	n/a	9-1834	n/a	H2O	See C.O.C.	HCL	6 x 40ml VOA	51.20	n/a	8/3/2005	1336		
MW-10	n/a	9-1834	n/a	H2O	See C.O.C.	HCL	6 x 40ml VOA	50.11	n/a	8/3/2005	—		

QC Sample Checklist:

Source Water #: —

Trip Blank #: 4

Atmospheric Blank #: —

Temp. Blank: Y

Field Dup. #: —

Rinsate #:

DATA RECORDED BY DK DATE 8/3/2005 CHECKED & REVIEWED BY DATE

COMMENTS:

SECOR International Incorporated

SAMPLER(s): DK, JG

DAILY FIELD LOGBOOK:

STATION NO.: Chevron #9-1834

Job Number 08CH.41834.05 / 0790

Arrived on Site: 0830

Departed Site: 1400

Blind Number		Station ID	Station Type	Matrix	Analyses	Preserv.	No. of Sample Containers & Type	Sample Depth (feet)		Sample Date	Sample Time	COC No.	Comments
Sample ID	Cond. ID							Top	Bottom				
MW-11	n/a	9-1834	n/a	H2O	See C.O.C.	HCL	6 x 40ml VOA	51.27	n/a	8/3/2005	—		
MW-12	n/a	9-1834	n/a	H2O	See C.O.C.	HCL	6 x 40ml VOA	52.15	n/a	8/3/2005	—		

QC Sample Checklist:

Source Water #: —

Trip Blank #: 4

Atmospheric Blank #: —

Temp. Blank: 4

Field Dup. #: —

Rinsate #: —

DATA RECORDED BY DK DATE 8/3/2005 CHECKED & REVIEWED BY _____ DATE _____

COMMENTS:

7

SECOR

International Incorporated

Monitoring Well Inspection Report

Site No. & Name: Chevron #9-1834 Date: 8/3/2005

Project Number: 08CH.41834.05 / 0790 Field Personnel: DK, JG

	Well Location Number:		MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8
EXTERIOR	Well Perimeter Seal Condition	G-Good P-Poor	G	G	G	G	G	G	G	G
	Well Structure Drainage	G-Good P-Poor	G	G	G	G	G	G	G	G
	Properly Secured	Y-Yes N-No	Y	Y	Y	Y	Y	Y	Y	Y
	Type of Well Vault	(E=EMCO Wheaton M=Morrison V=Vault)	E	E	E	E	E	E	E	E
INTERIOR	Type of Well Seal (Dirt, Concrete, etc.)		C	C	C	C	C	C	C	C
	Well Casing Type	(i.e. 2" or 4")	4	4	4	4	4	4	4	4
	Locking Cap Condition	G-Good P-Poor	G	G	G	G	G	G	G	G
	Rubber Seal Condition	G-Good P-Poor	G	G	G	G	G	G	G	G
	Lock on Well	Y-Yes N-No	Y	Y	Y	Y	Y	Y	Y	Y
	Liquid Present in Well Vault	Y-Yes N-No	N	N	N	Y	N	N	N	N

	Well Location Number:		MW-9	MW-10	MW-11	MW-12				
EXTERIOR	Well Perimeter Seal Condition	G-Good P-Poor	G	G	G	G				
	Well Structure Drainage	G-Good P-Poor	G	G	G	G				
	Properly Secured	Y-Yes N-No	Y	Y	N STRIPPED	Y				
	Type of Well Vault	(E=EMCO Wheaton M=Morrison V=Vault)	E	E	E	E				
INTERIOR	Type of Well Seal (Dirt, Concrete, etc.)		C	C	C	C				
	Well Casing Type	(i.e. 2" or 4")	4	4	4	4				
	Locking Cap Condition	G-Good P-Poor	G	G	G	G				
	Rubber Seal Condition	G-Good P-Poor	G	G	G	G				
	Lock on Well	Y-Yes N-No	Y	Y	Y	Y				
	Liquid Present in Well Vault	Y-Yes N-No	N	N	N	N				

Comments:

SECOR International Incorporated

Soil and Groundwater Sample Temperature Log

This document must accompany the Chain-of-Custody form at all times

Project Name: Chevron #9-1834

SECOR Rep(s): DK, JG

Project Number: 08CH.41834.05 / 0790

Sample Date(s): 8/3/2005

Chain-of Custody Number:

Date	Time	Sample Location/Container	Temperature*	Temperature Taken By: Name	Company	Initials
8/3/05	0900	COOLER	2°	D. KRAUTTER	SECOR	DK
	1000	"	2°	"	"	DK
	1100	"	2°	DK "	"	DK
	1200	"	2°	"	"	DK
	1300	"	2°	"	"	DK

* Measured from temperature blank, which must be stored with samples at all times.

INVENTORY OF DRUM(S) AT PROJECT SITE

This form offers notification that material stored in drums is present at the following job site:

Facility # Chevron #9-1834

Address 4175 Voltaire Street, San Diego, CA

The material in the drum(s) has been analyzed in the laboratory to evaluate levels of any contaminants and the most cost effective means of disposal or treatment. A current list of ALL drums located at the site is below.

The identifcation on each drum and its contents are as follows:

Drum I.D. Number	Well I.D. Number(s)	Volume in Drum	Soil or Water	Lab Result	Date on Drum Label
1	MW. #1, 7, 9	55	~~W~~		8/3/05
2	MW, 9 - DECON	~30	W		8/3/05

The laboratory analyses are attached.

Summary: Total # of Drums w/ Soil _____ Volume _____

Total # of Drums w/ Water _____ Volume APRX. 85 gal

Consultants Name: SECOR

Project Manager's Name: KIM THOMPSON

SECOR INTERNATIONAL INCORPORATED	WELL PURGING / SAMPLING LOG		Well No: MW- 1
	Project Name: Chevron #9-1834		Date: 8/3/2005
	Project Number: 08CH.41834.05 / 0790		Sample Time: 1205
	SECOR Rep: DK	Checked by: JS	Sample No: MW- 1

PURGING & SAMPLING EQUIPMENT / METHOD	WELL SPECIFICATIONS & MEASUREMENTS	
Water Level Meter Type & ID: Solinist # 3	Borehole Diameter (in): 8 (10) 12	
Purging Equipment / Method: ___Vac Truck ___Bailer X Submersible Pump ___Other	Casing Diameter (in): 2 (4)	
pH Temp/Conductivity Meter Type / ID: 1A	Depth to Water (DTW_1) (ft): 51.53	
Sampling Method: ___Teflon Bailer X Disposable Bailer ___Other:	Total Well Depth (DTB) (ft): 65.80	Water Column: 14.27
	Floating Product:	Thickness (in):
Decontamination Method: ___Steam / High Pressure Wash X 3 Stage (Alconox, Tap & DI rinse) ___Other:	Borehole Volume (gal): 21.41	1.5 Borehole Volumes (gal): 32.11

PURGING INFORMATION

Time	DTW (ft)	Water Volume Purged (gal)	pH	Temp (°C)	Elect. Cond. (μ mhos)	Water Description (odor, turbidity, color)
1130	Started Purging					
1148	52.10	21.5	7.03	23.3	6360	CLR, SM. ODOR
1156	52.18	325	6.97	23.3	6310	" "
		SAMP-				

Maximum Drawdown (DTW_2) (ft) = 52.18

H^2O Removal Rate (GPM) =

X Fast Recharging Well

___ Slow Recharging Well

SAMPLING INFORMATION

Time Sampled: 1205

Depth to Water at time of sampling (DTW_3): 51.66

Container Types & Volumes	Filtered (Y/N)	Sample Preservatives	Analytical Parameters
6 x 40ml VOAs	N	(HCL & ICE) or NONE	TPHg, BTEX, MTBE, (8015, 8260B)
			DIPE, TAME, ETBE, TBA (8260B)

BOREHOLE VOLUME CALCULATIONS

The calculation of one borehole volume is based on the formula in the SAM Manual.

Casing Diameter (in)	Borehole Diameter (in)	Calculated Borehole Volume (gal)
2	8	.77 ($DTB-DTW_1$)
2	10	1.14 ($DTB-DTW_1$)
4	10	1.50 ($DTB-DTW_1$)
4	12	1.95 ($DTB-DTW_1$)
6	10	2.11 ($DTB-DTW_1$)

Notes: MORE BUBBLES IN VOA'S

RECOVERY CALCULATIONS

$$\%\ of\ Recovery = 1 - \frac{(DTW_1) - (DTW_3)}{(DTW_1) - (DTW_2)} \times 100$$

$$\%\ of\ Recovery = 1 - \frac{(51.53) - (51.66)}{(51.53) - (52.18)} = \frac{-.13}{-.65}$$

$$= 80\ \%$$

80% Recharge = 51.66

SECOR

INTERNATIONAL INCORPORATED

WELL PURGING / SAMPLING LOG

Project Name:	Chevron #9-1834	Well No:	MW- 7
Project Number:	08CH.41834.05 / 0790	Date:	8/3/2005
SECOR Rep:	J Garcia	Sample Time:	1212
Checked by:	JS	Sample No:	MW- 7

PURGING & SAMPLING EQUIPMENT / METHOD

Water Level Meter Type & ID: Solinist # 14

Purging Equipment / Method: ___ Vac Truck ___ Bailer ✓ Submersible Pump ___ Other

pH Temp/Conductivity Meter Type / ID: 1A

Sampling Method: ___ Teflon Bailer ✓ Disposable Bailer ___ Other:

Decontamination Method: ___ Steam / High Pressure Wash ✓ 3 Stage (Alconox, Tap & DI rinse) Other:

WELL SPECIFICATIONS & MEASUREMENTS

Borehole Diameter (in): 8 (10) 12

Casing Diameter (in): 2 (4)

Depth to Water (DTW_1) (ft): 50.57

Total Well Depth (DTB) (ft): 63.38

Water Column: 12.81

Floating Product:

Thickness (in):

Borehole Volume (gal): 19.21

1.5 Borehole Volumes (gal): 28.82

PURGING INFORMATION

Time	DTW (ft)	Water Volume Purged (gal)	pH	Temp (°C)	Elect. Cond. (μ mhos)	Water Description (odor, turbidity, color)
1128	Started Purging					
1150	50.08	~~65~~ 19.5	7.01	23.2	6130	Clear, odorless
1159	50.85	29	7.00	23.3	6110	clear, odorless
1212	50.62	Sample				

Maximum Drawdown (DTW_2) (ft) = 50.85

H^2O Removal Rate (GPM) = 0.93

✓ Fast Recharging Well

___ Slow Recharging Well

SAMPLING INFORMATION

Time Sampled: 1212

Depth to Water at time of sampling (DTW_3): 50.62

Container Types & Volumes	Filtered (Y/N)	Sample Preservatives	Analytical Parameters
6 x 40ml VOAs	N	(HCL & ICE) or NONE	TPHg, BTEX, MTBE, (8015, 8260B)
			DIPE, TAME, ETBE, TBA (8260B)

BOREHOLE VOLUME CALCULATIONS

The calculation of one borehole volume is based on the formula in the SAM Manual.

Casing Diameter (in)	Borehole Diameter (in)	Calculated Borehole Volume (gal)
2	8	.77 (DTB-DTW_1)
2	10	1.14 (DTB-DTW_1)
4	10	1.50 (DTB-DTW_1)
4	12	1.95 (DTB-DTW_1)
6	10	2.11 (DTB-DTW_1)

Notes: STILL MORE BUBBLES IN VOA'S

RECOVERY CALCULATIONS

$$\% \text{ of Recovery} = 1 - \frac{(DTW_1) - (DTW_3)}{(DTW_1) - (DTW_2)} \times 100$$

$$\% \text{ of Recovery} = 1 - \frac{(50.57)-(50.62)}{(50.57)-(50.85)} = \frac{-.05}{-.28}$$

$$= 82\%$$

80% Recharge = ~~50.67~~ 50.62 (86)

SECOR INTERNATIONAL INCORPORATED	WELL PURGING / SAMPLING LOG		Well No: MW- 9
	Project Name: Chevron #9-1834		Date: 8/3/2005
	Project Number: 08CH.41834.05 / 0790		Sample Time: 1336
	SECOR Rep: DC, JG	Checked by: JS	Sample No: MW- 9

PURGING & SAMPLING EQUIPMENT / METHOD	WELL SPECIFICATIONS & MEASUREMENTS	
Water Level Meter Type & ID: Solinist # 3	Borehole Diameter (in): 8 (10) 12	
Purging Equipment / Method: X Vac Truck, X Submersible Pump, ___Bailer, ___Other	Casing Diameter (in): 2 (4)	
pH Temp/Conductivity Meter Type / ID: 1A	Depth to Water (DTW_1) (ft): 51.14	
Sampling Method: ___Teflon Bailer, X Disposable Bailer, ___Other:	Total Well Depth (DTB) (ft): 63.10	Water Column: 11.96
	Floating Product:	Thickness (in):
Decontamination Method: ___Steam / High Pressure Wash, X 3 Stage (Alconox, Tap & DI rinse), ___Other:	Borehole Volume (gal): 17.94	1.5 Borehole Volumes (gal): 26.91

PURGING INFORMATION

Time	DTW (ft)	Water Volume Purged (gal)	pH	Temp (°C)	Elect. Cond. (μ mhos)	Water Description (odor, turbidity, color)
1243	Started Purging					
1305	52.50	18	7.38	23.7	4260	Clear, odorless
1320	53.25	27	7.36	23.7	4530	Clear, odorless
1336	51.56	SAMP				

Maximum Drawdown (DTW_2) (ft) = 53.25

H^2O Removal Rate (GPM) = 0.72

X Fast Recharging Well

___Slow Recharging Well

SAMPLING INFORMATION

Time Sampled: 1336

Depth to Water at time of sampling (DTW_3): 51.56

Container Types & Volumes	Filtered (Y/N)	Sample Preservatives	Analytical Parameters
6 x 40ml VOAs	N	HCL & ICE or NONE	TPHg, BTEX, MTBE, (8015, 8260B)
			DIPE, TAME, ETBE, TBA (8260B)

BOREHOLE VOLUME CALCULATIONS

The calculation of one borehole volume is based on the formula in the SAM Manual.

Casing Diameter (in)	Borehole Diameter (in)	Calculated Borehole Volume (gal)
2	8	.77 ($DTB-DTW_1$)
2	10	1.14 ($DTB-DTW_1$)
4	10	1.50 ($DTB-DTW_1$)
4	12	1.95 ($DTB-DTW_1$)
6	10	2.11 ($DTB-DTW_1$)

Notes: LITTLE BUBBLES IN VOA'S

RECOVERY CALCULATIONS

$$\% \text{ of Recovery} = 1 - \frac{(DTW_1) - (DTW_3)}{(DTW_1) - (DTW_2)} \times 100$$

$$\% \text{ of Recovery} = 1 - \frac{(51.14) - (51.56)}{(51.14) - (53.25)} = \frac{-0.42}{-2.11}$$

$$= 80\%$$

80% Recharge = 51.56

SECOR

DAILY FIELD NOTES

Page: 1 of 1
Date: 10/20/2005

Client: CHEVRON	Site No: 9-1834	Project No: 08CH.41834.05 / 0790

Scope of Work: 4th Quarter Groundwater Monitoring/Sampling

Describe Daily Activities:

Number of drums left on site: 6

Gauged 12 monitoring wells.
Purged 12 monitoring wells.
Sampled 12 monitoring wells.

Field Calibration Buffers:		Actual Readings
pH	4.00	4.02
pH	7.00	6.98
pH	10.00	10.00
Conductivity	1413	1416

Field Notes:
0730-0925 - ~~Picked~~ picked up drums @ mesa college site & transported to CH9-1834, returned to storage to Mob.
0925: Arrive on site
0940 - begin gauging.
1015 - finished most of gauging (except MW-11 & 10) prepare to purge
1035 - purge
1120 - finish TC well - ~~[illegible]~~ broke down cones & signs in street, called TCS EC89739 to pick up reminder. - continue purge/sample in area.
1400 - clean up site

Mob / Demob Time:	Arrived on site: 0925
Travel Time:	Departed site: 1415

Decontamination Procedures: **3-Stage (Alconox Wash, Tap Water Rinse, & Distilled Water Rinse)**

Daily Health and Safety Log Completed?: Yes | Utility Locations Checked?: Yes

Important Conversations: ✓

TC Calloff Confirmation Number: EC89739

Important Changes in Scope of Work: ✓

Weather Conditions: cloudy | Subcontractors On Site: (TCS) **Other:**

SECOR Personnel On Site: JG, EK

Signed: [signature] Date: 10-20-05

(SEE Reverse)

SECOR International Incorporated

Depth to Water Gauging Log | Project and Job Number: 08CH.41834.05 / 0790

Station No: Chevron #9-1834 | Site: 4175 Voltaire Street, San Diego, CA | Checked By: DB

Well ID No.	Date	Time	Instrument / Serial Number	Measured by:	Reference Point Elevation [1] (feet)	Depth to Water (feet)	Depth to LPH [3] (feet)	Water Level Elevation [2] (feet)	Remarks
MW-1	10/20/05		IP #3	JG	69.59	51.39		18.20	65.82
MW-2	10/20/05	1000	8	EL	68.02	48.92		19.10	63.86
MW-3	10/20/05	0949	8	EL	68.01	48.93		19.08	63.41
MW-4	10/20/05	0955	8	EL	69.85	50.42		19.43	62.57
MW-5	10/20/05	0944	8	EL	67.37	48.45	— 18.93	60.64 → bottom	
MW-6	10/20/05	1006	8	EL	68.56	49.47		19.09	63.06
MW-7	10/20/05	0959	14	JG	68.52	50.40		18.12	63.34
MW-8	10/20/05	0942	14	JG	70.50	50.88		19.62	61.83
MW-9	10/20/05	1006	IP#3	JG	69.37	50.99		18.38	63.11
TC MW-10	10/20/05	1030	14	JG	68.07	50.06		18.01	63.50
MW-11	10/20/05	1026	8	JG	70.20	51.09		19.11	67.01
MW-12	10/20/05	0958	14	JG	71.65	52.03		19.62	63.55

Notes:
1 - feet above mean sea level unless noted otherwise
2 - elevation adjusted by adding (.75 x product thickness) to measured water elevation
3 - LPH = free product

SECOR

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Monitoring Well Inspection Report

Site No. & Name: Chevron #9-1834 Date: 10/20/2005

Project Number: 08CH.41834.05 / 0790 Field Personnel: EG + JG

	Well Location Number:		MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8
EXTERIOR	Well Perimeter Seal Condition	G-Good P-Poor	G	G	G	G	G	G	G	G
	Well Structure Drainage	G-Good P-Poor	G	G	G	G	G	G	G	G
	Properly Secured	Y-Yes N-No	Y	N	Y	Y	Y	Y	Y	Y
	Type of Well Vault	(E=EMCO Wheaton M=Morrison V=Vault)	N/A	E	E	E	E	E	E	E
INTERIOR	Type of Well Seal (Dirt, Concrete, etc.)		C	C	C	C	C	C	C	C
	Well Casing Type	(i.e. 2" or 4")	4	4	4	4	4	4	4	4
	Locking Cap Condition	G-Good P-Poor	G	G	G	G	G	G	G	G
	Rubber Seal Condition	G-Good P-Poor	N/A	G	G	G	G	G	G	G
	Lock on Well	Y-Yes N-No	N/A	Y	Y	Y	Y	Y	Y	Y
	Liquid Present in Well Vault	Y-Yes N-No	N	N	N	Y	N	N	N	N

	Well Location Number:		MW-9	MW-10	MW-11	MW-12				
EXTERIOR	Well Perimeter Seal Condition	G-Good P-Poor	G	G	G	G				
	Well Structure Drainage	G-Good P-Poor	G	G	G	G				
	Properly Secured	Y-Yes N-No	Y	N	Y	Y				
	Type of Well Vault	(E=EMCO Wheaton M=Morrison V=Vault)	N/A	E	E	E				
INTERIOR	Type of Well Seal (Dirt, Concrete, etc.)		C	C	C	C				
	Well Casing Type	(i.e. 2" or 4")	4	4	4	4				
	Locking Cap Condition	G-Good P-Poor	G	G	G	G				
	Rubber Seal Condition	G-Good P-Poor	N/A	G	G	G				
	Lock on Well	Y-Yes N-No	N/A	Y	N	Y				
	Liquid Present in Well Vault	Y-Yes N-No	N	N	N	N				

Comments: ~~MW~~ MW-2-bolt missing. MW-10 needs to be re-tapped. MW-11 & 12 need re-tapped.

SECOR International Incorporated

DAILY FIELD LOG:

Job Number 08CH.41834.05 / 0790

SAMPLER(s): JG, EK

Arrived on Site: ~~0730~~ 0815

STATION NO.: Chevron #9-1834

Departed Site: 1330

Blind Number		Station ID	Station Type	Matrix	Analyses	Preserv.	No. of Sample Containers & Type	Sample Depth (feet)		Sample Date	Sample Time	COC No.	Comments
Sample ID	Cond. ID							Top	Bottom				
MW-1	n/a	9-1834	n/a	H2O	See C.O.C.	HCL	6 x 40ml VOA	51.54	n/a	10/~~20~~21/2005	1223		
MW-2	n/a	9-1834	n/a	H2O	See C.O.C.	HCL	6 x 40ml VOA	49.48	n/a	10/~~20~~21/2005	1104		
MW-3	n/a	9-1834	n/a	H2O	See C.O.C.	HCL	6 x 40ml VOA	49.66	n/a	10/~~20~~21/2005	1043		
MW-4	n/a	9-1834	n/a	H2O	See C.O.C.	HCL	6 x 40ml VOA	50.93	n/a	10/20/2005	1108		
MW-5	n/a	9-1834	n/a	H2O	See C.O.C.	HCL	6 x 40ml VOA	49.50	n/a	10/~~20~~21/2005	1000		
MW-6	n/a	9-1834	n/a	H2O	See C.O.C.	HCL	6 x 40ml VOA	49.47	n/a	10/20/2005	1234		
MW-7	n/a	9-1834	n/a	H2O	See C.O.C.	HCL	6 x 40ml VOA	50.51	n/a	10/~~20~~21/2005	1122		
MW-8	n/a	9-1834	n/a	H2O	See C.O.C.	HCL	6 x 40ml VOA	50.88	n/a	10/20/2005	1353		
MW-9	n/a	9-1834	n/a	H2O	See C.O.C.	HCL	6 x 40ml VOA	52.09	n/a	10/~~20~~21/2005	1208		
MW-10	n/a	9-1834	n/a	H2O	See C.O.C.	HCL	6 x 40ml VOA	50.14	n/a	10/20/2005	1107		

QC Sample Checklist:

Source Water #: —

Trip Blank #: Y

Atmospheric Blank #: —

Temp. Blank: Y

Field Dup. #: —

Rinsate #: —

DATA RECORDED BY _____ DATE 10/20/2005 10/21/2005 CHECKED & REVIEWED BY TDS DATE _____

COMMENTS:

SECOR International Incorporated

SAMPLER(s): JG, EK

DAILY FIELD LOGBOOK:

STATION NO.: Chevron #9-1834

Job Number 08CH.41834.05 / 0790

Arrived on Site: ~~0730~~ 0815

Departed Site:

Blind Number		Station ID	Station Type	Matrix	Analyses	Preserv.	No. of Sample Containers & Type	Sample Depth (feet)		Sample Date	Sample Time	COC No.	Comments
Sample ID	Cond. ID							Top	Bottom				
MW-~~13~~	n/a	9-1834	n/a	H2O	See C.O.C.	HCL	6 x 40ml VOA	51.92	n/a	10/20/2005	1430		
MW-~~12~~ 11	n/a	9-1834	n/a	H2O	See C.O.C.	HCL	6 x 40ml VOA	52.03	n/a	10/~~20~~ 21/2005	0916		

QC Sample Checklist:

Source Water #: —

Trip Blank #:

Atmospheric Blank #: —

Temp. Blank: ✓

Field Dup. #: —

Rinsate #: —

DATA RECORDED BY JG DATE 10/20/2005 10/21/2005 CHECKED & REVIEWED BY TDB DATE

COMMENTS:

SECOR International Incorporated

Soil and Groundwater Sample Temperature Log

This document must accompany the Chain-of-Custody form at all times

Project Name: Chevron #9-1834

SECOR Rep(s): EY i JG

Project Number: 08CH.41834.05 / 0790

Sample Date(s): 10/20/2005

Chain-of Custody Number:

				Temperature Taken By:		
Date	Time	Sample Location/Container	Temperature*	Name	Company	Initials
10/20	1108	cooler / ice / truck	2°	E. Yarmorek	Secor	[illegible]
↓	1215	↓	3°	↓	↓	[illegible]
↓	1310	↓	3°	↓	↓	[illegible]
10/21	0938	cooler / ice / truck	2°	E. Yarmorek	Secor	[illegible]
↓	1054		2°	↓	↓	[illegible]
↓	1142		3°	↓	↓	EY
↓	1248		3°	↓	↓	EY

* Measured from temperature blank, which must be stored with samples at all times.

INVENTORY OF DRUM(S) AT PROJECT SITE

This form offers notification that material stored in drums is present at the following job site:

Facility # Chevron #9-1834

Address 4175 Voltaire Street, San Diego, CA

The material in the drum(s) has been analyzed in the laboratory to evaluate levels of any contaminants and the most cost effective means of disposal or treatment. A current list of ALL drums located at the site is below.

The identifcation on each drum and its contents are as follows:

Drum I.D. Number	Well I.D. Number(s)	Volume in Drum	Soil or Water	Lab Result	Date on Drum Label
1	MW-10, 4	55	W		10/20/05
2	MW-2, 6	55	W		10/20/05
3	MW-8, 12, Elev	55	W		10/20/05
4	MW-5, 3	55	W		10/21/05
5	MW 11, 2, 7	55	W		↓
6	MW, 1, 9	55	W		

The laboratory analyses are attached.

Summary: Total # of Drums w/ Soil — Volume

Total # of Drums w/ Water 6 Volume

Consultants Name: Secor

Project Manager's Name: Kim Thompson

SECOR

INTERNATIONAL INCORPORATED

WELL PURGING / SAMPLING LOG

Well No:	MW- 1
Project Name:	Chevron #9-1834
Date:	10-21-05
Project Number:	08CH.41834.05 / 0790
Sample Time:	1223
SECOR Rep:	J. Garcia
Checked by:	TB
Sample No:	MW- 1

PURGING & SAMPLING EQUIPMENT / METHOD

Water Level Meter Type & ID: Solinist # 14

Purging Equipment / Method: ___ Vac Truck ___ Bailer X Submersible Pump ___ Other

pH Temp/Conductivity Meter Type / ID: 1A

Sampling Method: ___ Teflon Bailer X Disposable Bailer ___ Other:

Decontamination Method: ___ Steam / High Pressure Wash X 3 Stage (Alconox, Tap & DI rinse) Other:

WELL SPECIFICATIONS & MEASUREMENTS

Borehole Diameter (in): 8 (10) 12

Casing Diameter (in): 2 (4)

Depth to Water (DTW_1) (ft): 51.39

Total Well Depth (DTB) (ft): 65.82

Water Column: 14.43

Floating Product:

Thickness (in):

Borehole Volume (gal): 21.64

1.5 Borehole Volumes (gal): 32.46

PURGING INFORMATION

Time	DTW (ft)	Water Volume Purged (gal)	pH	Temp (°C)	Elect. Cond. (μ mhos)	Water Description (odor, turbidity, color)
1159	Started Purging					
1214	52.14	22	5.77	21.9	6990	black, strong odor
1221	52.14	32.5	5.80	21.8	6980	Clear, med. odor
1223	51.54	Sample				

Maximum Drawdown (DTW_2) (ft) = 52.14

H^2O Removal Rate (GPM) = 1.47

X Fast Recharging Well

___ Slow Recharging Well

SAMPLING INFORMATION

Time Sampled: 1223

Depth to Water at time of sampling (DTW_3): 51.54

Container Types & Volumes	Filtered (Y/N)	Sample Preservatives	Analytical Parameters
6 x 40ml VOAs	N	(HCL & ICE) or NONE	TPHg, BTEX, MTBE, (8015, 8260B)
			DIPE, TAME, ETBE, TBA (8260B)

BOREHOLE VOLUME CALCULATIONS

The calculation of one borehole volume is based on the formula in the SAM Manual.

Casing Diameter (in)	Borehole Diameter (in)	Calculated Borehole Volume (gal)
2	8	.77 (DTB-DTW_1)
2	10	1.14 (DTB-DTW_1)
4	10	1.50 (DTB-DTW_1)
4	12	1.95 (DTB-DTW_1)
6	10	2.11 (DTB-DTW_1)

Notes:

RECOVERY CALCULATIONS

$$\% \text{ of Recovery} = 1 - \frac{(DTW_1) - (DTW_3)}{(DTW_1) - (DTW_2)} \times 100$$

$$\% \text{ of Recovery} = 1 - \frac{(51.39)-(51.54)}{(51.39)-(52.14)} = \frac{-0.15}{-0.75}$$

$$= 80\ \%$$

80% Recharge = 51.54

SECOR INTERNATIONAL INCORPORATED	WELL PURGING / SAMPLING LOG		Well No: MW- 2
	Project Name: Chevron #9-1834		Date: 10/21/05
	Project Number: 08CH.41834.05 / 0790		Sample Time: 1104
	SECOR Rep: E. Yachorek	Checked by: TB	Sample No: MW- 2

PURGING & SAMPLING EQUIPMENT / METHOD	WELL SPECIFICATIONS & MEASUREMENTS	
Water Level Meter Type & ID: Solinist # 8	Borehole Diameter (in): (8) 10 12	
Purging Equipment / Method: ___Vac Truck X Submersible Pump ___Bailer ___Other	Casing Diameter (in): (2) 4	
pH Temp/Conductivity Meter Type / ID: 1A	Depth to Water (DTW_1) (ft): 48.92 10/21 48.86 1019	
Sampling Method: ___Teflon Bailer X Disposable Bailer ___Other:	Total Well Depth (DTB) (ft): 63.86	Water Column: 14.94
	Floating Product: —	Thickness (in): —
Decontamination Method: ___Steam / High Pressure Wash X 3 Stage (Alconox, Tap & DI rinse) ___Other:	Borehole Volume (gal): 22.41	1.5 Borehole Volumes (gal): 33.62

PURGING INFORMATION

Time	DTW (ft)	Water Volume Purged (gal)	pH	Temp (°C)	Elect. Cond. (μ mhos)	Water Description (odor, turbidity, color)
1019	Started Purging					
1046	51.24	22.5	5.72	20.7	6.21m	clear, slight HC odor
1056	51.71	34	5.79	22.2	5.88m	" "
1104	49.48	Sample				

Maximum Drawdown (DTW_2) (ft) = 51.71

H^2O Removal Rate (GPM) = 0.92

X Fast Recharging Well

___Slow Recharging Well

SAMPLING INFORMATION

Time Sampled: 1104

Depth to Water at time of sampling (DTW_3): 49.48

Container Types & Volumes	Filtered (Y/N)	Sample Preservatives	Analytical Parameters
6 x 40ml VOAs	N	(HCL & ICE) or NONE	TPHg, BTEX, MTBE, (8015, 8260B)
			DIPE, TAME, ETBE, TBA (8260B)

BOREHOLE VOLUME CALCULATIONS

The calculation of one borehole volume is based on the formula in the SAM Manual.

Casing Diameter (in)	Borehole Diameter (in)	Calculated Borehole Volume (gal)
2	8	.77 ($DTB-DTW_1$)
2	10	1.14 ($DTB-DTW_1$)
4	10	1.50 ($DTB-DTW_1$)
4	12	1.95 ($DTB-DTW_1$)
6	10	2.11 ($DTB-DTW_1$)

Notes: battery dying

RECOVERY CALCULATIONS

$$\% \text{ of Recovery} = 1 - \frac{(DTW_1) - (DTW_3)}{(DTW_1) - (DTW_2)} \times 100$$

$$\% \text{ of Recovery} = 1 - \frac{(48.92)-(49.48)}{(48.92)-(51.71)} = \frac{0.56}{-2.79}$$

$$= 80\ \%$$

80% Recharge = 49.48

SECOR INTERNATIONAL INCORPORATED	WELL PURGING / SAMPLING LOG		Well No: MW- 3
	Project Name: Chevron #9-1834		Date: 10-21-05
	Project Number: 08CH.41834.05 / 0790		Sample Time: 1043
	SECOR Rep: J. Garcia	Checked by: TDB	Sample No: MW- 3

PURGING & SAMPLING EQUIPMENT / METHOD	WELL SPECIFICATIONS & MEASUREMENTS	
Water Level Meter Type & ID: Solinist # 14	Borehole Diameter (in): 8 (10) 12	
Purging Equipment / Method: ___ Vac Truck ___ Bailer X Submersible Pump ___ Other	Casing Diameter (in): 2 (4)	
pH Temp/Conductivity Meter Type / ID: 1A	Depth to Water (DTW_1) (ft): 48.93	
Sampling Method: ___ Teflon Bailer X Disposable Bailer ___ Other:	Total Well Depth (DTB) (ft): 63.41	Water Column: 14.48
Decontamination Method: ___ Steam / High Pressure Wash X 3 Stage (Alconox, Tap & DI rinse) ___ Other:	Floating Product:	Thickness (in):
	Borehole Volume (gal): 21.72	1.5 Borehole Volumes (gal): 32.58

PURGING INFORMATION

Time	DTW (ft)	Water Volume Purged (gal)	pH	Temp (°C)	Elect. Cond. (μ mhos)	Water Description (odor, turbidity, color)
1007	Started Purging					
1021	52.20	~~10~~ 22	5.55	22.6	5140	clear, odorless
1028	52.59	33	5.65	22.4	5130	" "
1043	49.66	Sample				

Maximum Drawdown (DTW_2) (ft) = 52.59

H^2O Removal Rate (GPM) = 1.57

X Fast Recharging Well

___ Slow Recharging Well

SAMPLING INFORMATION

Time Sampled: 1043

Depth to Water at time of sampling (DTW_3): 49.66

Container Types & Volumes	Filtered (Y/N)	Sample Preservatives	Analytical Parameters
6 x 40ml VOAs	N	(HCL & ICE) or NONE	TPHg, BTEX, MTBE, (8015, 8260B)
			DIPE, TAME, ETBE, TBA (8260B)

BOREHOLE VOLUME CALCULATIONS

The calculation of one borehole volume is based on the formula in the SAM Manual.

Casing Diameter (in)	Borehole Diameter (in)	Calculated Borehole Volume (gal)
2	8	.77 ($DTB-DTW_1$)
2	10	1.14 ($DTB-DTW_1$)
4	10	1.50 ($DTB-DTW_1$)
4	12	1.95 ($DTB-DTW_1$)
6	10	2.11 ($DTB-DTW_1$)

Notes:

RECOVERY CALCULATIONS

$$\% \text{ of Recovery} = 1 - \frac{(DTW_1) - (DTW_3)}{(DTW_1) - (DTW_2)} \times 100$$

$$\% \text{ of Recovery} = 1 - \frac{(48.93)-(49.66)}{(48.93)-(52.59)} = \frac{0.73}{-3.66}$$

$$= 80\%$$

80% Recharge = 49.66

SECOR INTERNATIONAL INCORPORATED	WELL PURGING / SAMPLING LOG		Well No: MW- 4
	Project Name: Chevron #9-1834		Date: 10/20/05
	Project Number: 08CH.41834.05 / 0790		Sample Time: 1108
	SECOR Rep: E. Kuhorek	Checked by: DAB	Sample No: MW- 4

PURGING & SAMPLING EQUIPMENT / METHOD

Water Level Meter Type & ID: Solinist # 8

Purging Equipment / Method: ___ Vac Truck ___ Bailer X Submersible Pump ___ Other

pH Temp/Conductivity Meter Type / ID: 1A

Sampling Method: ___ Teflon Bailer X Disposable Bailer ___ Other:

Decontamination Method: ___ Steam / High Pressure Wash X 3 Stage (Alconox, Tap & DI rinse) ___ Other:

WELL SPECIFICATIONS & MEASUREMENTS

Borehole Diameter (in): 8 (10) 12

Casing Diameter (in): 2 (4)

Depth to Water (DTW_1) (ft): 50.42

Total Well Depth (DTB) (ft): 62.57

Water Column: 12.15

Floating Product: —

Thickness (in): —

Borehole Volume (gal): 18.23

1.5 Borehole Volumes (gal): 27.35

PURGING INFORMATION

Time	DTW (ft)	Water Volume Purged (gal)	pH	Temp (°C)	Elect. Cond. (μ mhos)	Water Description (odor, turbidity, color)
1037	Started Purging					
1052	52.95	18.5	5.83	22.1	6.44m	clear, odorless
1059	52.36	27.5	5.81	22.1	6.48m	" "
1108	50.93	Sample				

Maximum Drawdown (DTW_2) (ft) = 52.95

H^2O Removal Rate (GPM) = 1.25

X Fast Recharging Well

___ Slow Recharging Well

SAMPLING INFORMATION

Time Sampled: 1108

Depth to Water at time of sampling (DTW_3): 50.93

Container Types & Volumes	Filtered (Y/N)	Sample Preservatives	Analytical Parameters
6 x 40ml VOAs	N	HCL & ICE or NONE	TPHg, BTEX, MTBE, (8015, 8260B)
			DIPE, TAME, ETBE, TBA (8260B)

BOREHOLE VOLUME CALCULATIONS

The calculation of one borehole volume is based on the formula in the SAM Manual.

Casing Diameter (in)	Borehole Diameter (in)	Calculated Borehole Volume (gal)
2	8	.77 ($DTB-DTW_1$)
2	10	1.14 ($DTB-DTW_1$)
4	10	1.50 ($DTB-DTW_1$)
4	12	1.95 ($DTB-DTW_1$)
6	10	2.11 ($DTB-DTW_1$)

Notes:

RECOVERY CALCULATIONS

$$\% \text{ of Recovery} = 1 - \frac{(DTW_1) - (DTW_3)}{(DTW_1) - (DTW_2)} \times 100$$

$$\% \text{ of Recovery} = 1 - \frac{(50.42) - (50.93)}{(50.42) - (52.95)} = \frac{-0.51}{-2.53}$$

$$= 80\ \%$$

80% Recharge = 50.93

SECOR

INTERNATIONAL INCORPORATED

WELL PURGING / SAMPLING LOG

Project Name	Chevron #9-1834	Well No:	MW- 5
Project Number:	08CH.41834.05 / 0790	Date:	10/21/05
SECOR Rep: E. Leamorey	Checked by: DDB	Sample Time:	1000
		Sample No:	MW- 5

PURGING & SAMPLING EQUIPMENT / METHOD

Water Level Meter Type & ID: Solinist # 8

Purging Equipment / Method: ___ Vac Truck ___ Bailer X Submersible Pump ___ Other

pH Temp/Conductivity Meter Type / ID: 1A

Sampling Method: ___ Teflon Bailer X Disposable Bailer ___ Other:

Decontamination Method: ___ Steam / High Pressure Wash X 3 Stage (Alconox, Tap & DI rinse) ___ Other:

WELL SPECIFICATIONS & MEASUREMENTS

Borehole Diameter (in): 8 (10) 12

Casing Diameter (in): 2 (4)

Depth to Water (DTW_1) (ft): 48.45 48.93 10/21 @ 0848

Total Well Depth (DTB) (ft): 60.64

Water Column: 12.19

Floating Product: —

Thickness (in): —

Borehole Volume (gal): 18.29

1.5 Borehole Volumes (gal): 27.43

PURGING INFORMATION

Time	DTW (ft)	Water Volume Purged (gal)	pH	Temp (°C)	Elect. Cond. (μ mhos)	Water Description (odor, turbidity, color)
0853	Started Purging					
0915	53.71	19	5.61	22.7	3.66m	clear, HC odor
0943	53.05	27.5	5.50	22.6	3.59m	" "
1000	49.50	Sample				

Maximum Drawdown (DTW_2) (ft) = 53.71

H^2O Removal Rate (GPM) = 0.55

X Fast Recharging Well

___ Slow Recharging Well

SAMPLING INFORMATION

Time Sampled: 1000

Depth to Water at time of sampling (DTW_3): 49.50

Container Types & Volumes	Filtered (Y/N)	Sample Preservatives	Analytical Parameters
6 x 40ml VOAs	N	(HCL & ICE) or NONE	TPHg, BTEX, MTBE, (8015, 8260B)
			DIPE, TAME, ETBE, TBA (8260B)

BOREHOLE VOLUME CALCULATIONS

The calculation of one borehole volume is based on the formula in the SAM Manual.

Casing Diameter (in)	Borehole Diameter (in)	Calculated Borehole Volume (gal)
2	8	.77 ($DTB-DTW_1$)
2	10	1.14 ($DTB-DTW_1$)
4	10	1.50 ($DTB-DTW_1$)
4	12	1.95 ($DTB-DTW_1$)
6	10	2.11 ($DTB-DTW_1$)

Notes:

RECOVERY CALCULATIONS

$$\% \text{ of Recovery} = 1 - \frac{(DTW_1) - (DTW_3)}{(DTW_1) - (DTW_2)} \times 100$$

$$\% \text{ of Recovery} = 1 - \frac{(48.45 - 49.50)}{(48.45 - 53.71)} = \frac{-1.05}{-5.26} = 80\%$$

80% Recharge = 49.50

SECOR

INTERNATIONAL INCORPORATED

WELL PURGING / SAMPLING LOG

Project Name:	Chevron #9-1834	Well No:	MW- 6
Project Number:	08CH.41834.05 / 0790	Date:	10/20/05
SECOR Rep: E. Gaborek	Checked by: VDB	Sample Time:	1234
		Sample No:	MW- 6

PURGING & SAMPLING EQUIPMENT / METHOD

Water Level Meter Type & ID: Solinist # 8

Purging Equipment / Method: ___Vac Truck ___Bailer X Submersible Pump ___Other

pH Temp/Conductivity Meter Type / ID: 1A

Sampling Method: ___Teflon Bailer X Disposable Bailer ___Other:

Decontamination Method: ___Steam / High Pressure Wash X 3 Stage (Alconox, Tap & DI rinse) ___Other:

WELL SPECIFICATIONS & MEASUREMENTS

Borehole Diameter (in): 8 (10) 12

Casing Diameter (in): 2 (4)

Depth to Water (DTW_1) (ft): 49.47

Total Well Depth (DTB) (ft): 63.06

Water Column: 13.59

Floating Product: —

Thickness (in): —

Borehole Volume (gal): 20.39

1.5 Borehole Volumes (gal): 30.58

PURGING INFORMATION

Time	DTW (ft)	Water Volume Purged (gal)	pH	Temp (°C)	Elect. Cond. (μ mhos)	Water Description (odor, turbidity, color)
1140	Started Purging					
1208	50.19	20.5	5.77	22.2	660m	clear, no odor
1227	@49.79	31	5.76	22.5	665m	" "
1234	49.47	Sample				

Maximum Drawdown (DTW_2) (ft) = 50.19

H^2O Removal Rate (GPM) = 0.670

X Fast Recharging Well

___ Slow Recharging Well

SAMPLING INFORMATION

Time Sampled: 1234

Depth to Water at time of sampling (DTW_3): 49.47

Container Types & Volumes	Filtered (Y/N)	Sample Preservatives	Analytical Parameters
6 x 40ml VOAs	N	HCL & ICE or NONE	TPHg, BTEX, MTBE, (8015, 8260B)
			DIPE, TAME, ETBE, TBA (8260B)

BOREHOLE VOLUME CALCULATIONS

The calculation of one borehole volume is based on the formula in the SAM Manual.

Casing Diameter (in)	Borehole Diameter (in)	Calculated Borehole Volume (gal)
2	8	.77 (DTB-DTW_1)
2	10	1.14 (DTB-DTW_1)
4	10	1.50 (DTB-DTW_1)
4	12	1.95 (DTB-DTW_1)
6	10	2.11 (DTB-DTW_1)

Notes:

RECOVERY CALCULATIONS

$$\% \text{ of Recovery} = 1 - \frac{(DTW_1) - (DTW_3)}{(DTW_1) - (DTW_2)} \times 100$$

$$\% \text{ of Recovery} = 1 - \frac{(49.47)-(49.47)}{(49.47)-(50.19)} = \frac{0}{-0.72}$$

$$= 100\ \%$$

80% Recharge = 49.61

SECOR INTERNATIONAL INCORPORATED	WELL PURGING / SAMPLING LOG		Well No: MW- 7
	Project Name: Chevron #9-1834		Date: 10-21-05
	Project Number: 08CH.41834.05 / 0790		Sample Time: 1122
	SECOR Rep: J. Garcia	Checked by: TWB	Sample No: MW- 7

PURGING & SAMPLING EQUIPMENT / METHOD	WELL SPECIFICATIONS & MEASUREMENTS	
Water Level Meter Type & ID: Solinist # 14	Borehole Diameter (in): 8 (10) 12	
Purging Equipment / Method: ___ Vac Truck ___ Bailer X Submersible Pump ___ Other	Casing Diameter (in): 2 (4)	
pH Temp/Conductivity Meter Type / ID: 1A	Depth to Water (DTW_1) (ft): 50.40	
Sampling Method: ___ Teflon Bailer X Disposable Bailer ___ Other:	Total Well Depth (DTB) (ft): 63.34	Water Column: 12.94
	Floating Product:	Thickness (in):
Decontamination Method: ___ Steam / High Pressure Wash X 3 Stage (Alconox, Tap & DI rinse) ___ Other:	Borehole Volume (gal): 19.41	1.5 Borehole Volumes (gal): 29.11

PURGING INFORMATION

Time	DTW (ft)	Water Volume Purged (gal)	pH	Temp (°C)	Elect. Cond. (μ mhos)	Water Description (odor, turbidity, color)
1100	Started Purging					
1113	51.02	19.5	5.82	21.9	6980	Clear, odorless
1120	50.96	29.5	5.81	21.9	6980	" "
1122	50.51	Sample				

Maximum Drawdown (DTW_2) (ft) = 50.96

H^2O Removal Rate (GPM) = 1.47

X Fast Recharging Well

___ Slow Recharging Well

SAMPLING INFORMATION

Time Sampled: 1122

Depth to Water at time of sampling (DTW_3): 50.51

Container Types & Volumes	Filtered (Y/N)	Sample Preservatives	Analytical Parameters
6 x 40ml VOAs	N	(HCL & ICE) or NONE	TPHg, BTEX, MTBE, (8015, 8260B)
			DIPE, TAME, ETBE, TBA (8260B)

BOREHOLE VOLUME CALCULATIONS

The calculation of one borehole volume is based on the formula in the SAM Manual.

Casing Diameter (in)	Borehole Diameter (in)	Calculated Borehole Volume (gal)
2	8	.77 ($DTB-DTW_1$)
2	10	1.14 ($DTB-DTW_1$)
4	10	1.50 ($DTB-DTW_1$)
4	12	1.95 ($DTB-DTW_1$)
6	10	2.11 ($DTB-DTW_1$)

Notes:

RECOVERY CALCULATIONS

$$\% \text{ of Recovery} = 1 - \frac{(DTW_1) - (DTW_3)}{(DTW_1) - (DTW_2)} \times 100$$

$$\% \text{ of Recovery} = 1 - \frac{(50.40)-(50.51)}{(50.40)-(50.96)} = \frac{-0.11}{-0.56}$$

$$= 80\ \%$$

80% Recharge = 50.51

SECOR INTERNATIONAL INCORPORATED	WELL PURGING / SAMPLING LOG		Well No: MW- 8
	Project Name: Chevron #9-1834		Date: 10/20/05
	Project Number: 08CH.41834.05 / 0790		Sample Time: 1353
	SECOR Rep: E. Gaborek	Checked by: [illegible]	Sample No: MW- 8

PURGING & SAMPLING EQUIPMENT / METHOD	WELL SPECIFICATIONS & MEASUREMENTS
Water Level Meter Type & ID: Solinist # 8	Borehole Diameter (in): 8 (10) 12
Purging Equipment / Method: ___Vac Truck ___Bailer X Submersible Pump ___Other	Casing Diameter (in): 2 (4)
pH Temp/Conductivity Meter Type / ID: 1A	Depth to Water (DTW_1) (ft): 50.88
Sampling Method: ___Teflon Bailer X Disposable Bailer ___Other:	Total Well Depth (DTB) (ft): 61.83 — Water Column: 10.95
	Floating Product: — — Thickness (in): —
Decontamination Method: ___Steam / High Pressure Wash X 3 Stage (Alconox, Tap & DI rinse) ___Other:	Borehole Volume (gal): 16.43 — 1.5 Borehole Volumes (gal): 24.64

PURGING INFORMATION

Time	DTW (ft)	Water Volume Purged (gal)	pH	Temp (°C)	Elect. Cond. (μ mhos)	Water Description (odor, turbidity, color)
1312	Started Purging					
1332	51.40	16.5	5.81	22.2	7.77m	clear, n. odor
1342	51.40	25	5.83	22.3	7.65m	" "
1353	50.88	sample				

Maximum Drawdown (DTW_2) (ft) = 51.40

H^2O Removal Rate (GPM) = 0.83

X Fast Recharging Well

___Slow Recharging Well

SAMPLING INFORMATION

Time Sampled: 1353

Depth to Water at time of sampling (DTW_3): 50.88

Container Types & Volumes	Filtered (Y/N)	Sample Preservatives	Analytical Parameters
6 x 40ml VOAs	N	(HCL & ICE) or NONE	TPHg, BTEX, MTBE, (8015, 8260B)
			DIPE, TAME, ETBE, TBA (8260B)

BOREHOLE VOLUME CALCULATIONS

The calculation of one borehole volume is based on the formula in the SAM Manual.

Casing Diameter (in)	Borehole Diameter (in)	Calculated Borehole Volume (gal)
2	8	.77 ($DTB-DTW_1$)
2	10	1.14 ($DTB-DTW_1$)
4	10	1.50 ($DTB-DTW_1$)
4	12	1.95 ($DTB-DTW_1$)
6	10	2.11 ($DTB-DTW_1$)

Notes:

RECOVERY CALCULATIONS

$$\% \text{ of Recovery} = 1 - \frac{(DTW_1) - (DTW_3)}{(DTW_1) - (DTW_2)} \times 100$$

$$\% \text{ of Recovery} = 1 - \frac{(50.88)-(50.88)}{(50.88)-(51.40)} = \frac{6}{-0.52}$$

$$= 100\ \%$$

80% Recharge = 50.98

SECOR INTERNATIONAL INCORPORATED	WELL PURGING / SAMPLING LOG		Well No: MW- 9
	Project Name: Chevron #9-1834		Date: 10/21/05
	Project Number: 08CH.41834.05 / 0790		Sample Time: 1208
	SECOR Rep: E. Lamore	Checked by: MB	Sample No: MW- 9

PURGING & SAMPLING EQUIPMENT / METHOD	WELL SPECIFICATIONS & MEASUREMENTS	
Water Level Meter Type & ID: Solinist # 8	Borehole Diameter (in): 8 (10) 12	
Purging Equipment / Method: ___Vac Truck ___Bailer X Submersible Pump ___Other	Casing Diameter (in): 2 (4)	
pH Temp/Conductivity Meter Type / ID: 1A	Depth to Water (DTW_1) (ft): 50.99 10/21 @ 1109 50.98	
Sampling Method: ___Teflon Bailer X Disposable Bailer ___Other:	Total Well Depth (DTB) (ft): 63.11	Water Column: 12.12
Decontamination Method: ___Steam / High Pressure Wash X 3 Stage (Alconox, Tap & DI rinse) ___Other:	Floating Product:	Thickness (in):
	Borehole Volume (gal): 18.18	1.5 Borehole Volumes (gal): 27.27

PURGING INFORMATION

Time	DTW (ft)	Water Volume Purged (gal)	pH	Temp (°C)	Elect. Cond. (μ mhos)	Water Description (odor, turbidity, color)
1122	Started Purging					
1140	56.50	18.5	5.57	21.6	3.80m	Sheen, yellow, HC odor
1157	55.43	27.5	5.46	21.6	3.96m	" " "
1208	52.09	Sample				

Maximum Drawdown (DTW_2) (ft) = 56.50

H^2O Removal Rate (GPM) = 0.79

X Fast Recharging Well

___ Slow Recharging Well

SAMPLING INFORMATION

Time Sampled: 1208

Depth to Water at time of sampling (DTW_3): 52.09

Container Types & Volumes	Filtered (Y/N)	Sample Preservatives	Analytical Parameters
6 x 40ml VOAs	N	HCL & ICE or NONE	TPHg, BTEX, MTBE, (8015, 8260B)
			DIPE, TAME, ETBE, TBA (8260B)

BOREHOLE VOLUME CALCULATIONS

The calculation of one borehole volume is based on the formula in the SAM Manual.

Casing Diameter (in)	Borehole Diameter (in)	Calculated Borehole Volume (gal)
2	8	.77 ($DTB-DTW_1$)
2	10	1.14 ($DTB-DTW_1$)
4	10	1.50 ($DTB-DTW_1$)
4	12	1.95 ($DTB-DTW_1$)
6	10	2.11 ($DTB-DTW_1$)

Notes:

RECOVERY CALCULATIONS

$$\% \text{ of Recovery} = 1 - \frac{(DTW_1) - (DTW_3)}{(DTW_1) - (DTW_2)} \times 100$$

$$\% \text{ of Recovery} = 1 - \frac{(50.99)-(52.09)}{(50.99)-(56.50)} = \frac{-0.90}{-5.51} = 80\ \%$$

80% Recharge = 52.09

SECOR INTERNATIONAL INCORPORATED	WELL PURGING / SAMPLING LOG		Well No: MW- 10
	Project Name: Chevron #9-1834		Date: 10-20-05
	Project Number: 08CH.41834.05 / 0790		Sample Time: 1107
	SECOR Rep: J. Garcia	Checked by: TDB	Sample No: MW- 10

PURGING & SAMPLING EQUIPMENT / METHOD	WELL SPECIFICATIONS & MEASUREMENTS	
Water Level Meter Type & ID: Solinist # 14	Borehole Diameter (in): 8 (10) 12	
Purging Equipment / Method: ___ Vac Truck ___ Bailer X Submersible Pump ___ Other	Casing Diameter (in): 2 (4)	
pH Temp/Conductivity Meter Type / ID: 1A	Depth to Water (DTW_1) (ft): 50.06 @ 1030	
Sampling Method: ___ Teflon Bailer X Disposable Bailer ___ Other:	Total Well Depth (DTB) (ft): 63.50	Water Column: 13.44
Decontamination Method: ___ Steam / High Pressure Wash X 3 Stage (Alconox, Tap & DI rinse) Other:	Floating Product:	Thickness (in):
	Borehole Volume (gal): 20.16	1.5 Borehole Volumes (gal): 30.24

PURGING INFORMATION

Time	DTW (ft)	Water Volume Purged (gal)	pH	Temp (°C)	Elect. Cond. (μ mhos)	Water Description (odor, turbidity, color)
1040	Started Purging					
1055	50.40	20.5	5.82	23.7	8040	clear, odorless
1104	50.38	30.5	5.85	23.1	8030	" "
1107	50.14	Sample				

Maximum Drawdown (DTW_2) (ft) = 50.40

H^2O Removal Rate (GPM) = 1.27

X Fast Recharging Well

___ Slow Recharging Well

SAMPLING INFORMATION

Time Sampled: 1107

Depth to Water at time of sampling (DTW_3): 50.12

Container Types & Volumes	Filtered (Y/N)	Sample Preservatives	Analytical Parameters
6 x 40ml VOAs	N	(HCL & ICE) or NONE	TPHg, BTEX, MTBE, (8015, 8260B)
			DIPE, TAME, ETBE, TBA (8260B)

BOREHOLE VOLUME CALCULATIONS

The calculation of one borehole volume is based on the formula in the SAM Manual.

Casing Diameter (in)	Borehole Diameter (in)	Calculated Borehole Volume (gal)
2	8	.77 (DTB-DTW_1)
2	10	1.14 (DTB-DTW_1)
4	10	1.50 (DTB-DTW_1)
4	12	1.95 (DTB-DTW_1)
6	10	2.11 (DTB-DTW_1)

Notes: Well Repairs: retapped screw holes.

RECOVERY CALCULATIONS

$$\% \text{ of Recovery} = 1 - \frac{(DTW_1) - (DTW_3)}{(DTW_1) - (DTW_2)} \times 100$$

$$\% \text{ of Recovery} = 1 - \frac{(50.06) - (\cancel{50.14}\ 50.12)}{(50.06) - (50.40)} = \frac{-\cancel{0.08}\ 0.06}{-0.34}$$

= 82 %

80% Recharge = ~~50.14~~ 50.12

SECOR

INTERNATIONAL INCORPORATED

WELL PURGING / SAMPLING LOG

Project Name:	Chevron #9-1834	Well No:	MW- ~~12~~ 11
Project Number:	08CH.41834.05 / 0790	Date:	10-21-05
SECOR Rep: J. Garcia	Checked by: TBB	Sample Time:	0916
		Sample No:	MW- ~~12~~ 11

PURGING & SAMPLING EQUIPMENT / METHOD

Water Level Meter Type & ID: Solinist # 14

Purging Equipment / Method: ___Vac Truck ___Bailer X Submersible Pump ___Other

pH Temp/Conductivity Meter Type / ID: 1A

Sampling Method: ___Teflon Bailer X Disposable Bailer ___Other:

Decontamination Method: ___Steam / High Pressure Wash X 3 Stage (Alconox, Tap & DI rinse) Other:

WELL SPECIFICATIONS & MEASUREMENTS

Borehole Diameter (in): 8 (10) 12

Casing Diameter (in): 2 (4)

Depth to Water (DTW_1) (ft): 52.03

Total Well Depth (DTB) (ft): 63.55

Water Column: 11.52

Floating Product:

Thickness (in):

Borehole Volume (gal): 17.28

1.5 Borehole Volumes (gal): 25.92

PURGING INFORMATION

Time	DTW (ft)	Water Volume Purged (gal)	pH	Temp (°C)	Elect. Cond. (μ mhos)	Water Description (odor, turbidity, color)
0857	Started Purging					
0908	52.24	17.5	5.73	20.8	6870	clear, odorless
0914	52.30	26	5.78	21.1	6880	" "
0916	52.03	Sample				

Maximum Drawdown (DTW_2) (ft) = 52.30

H^2O Removal Rate (GPM) = 1.52

X Fast Recharging Well

___Slow Recharging Well

SAMPLING INFORMATION

Time Sampled: 0916

Depth to Water at time of sampling (DTW_3): 52.03

Container Types & Volumes	Filtered (Y/N)	Sample Preservatives	Analytical Parameters
6 x 40ml VOAs	N	HCL & ICE or NONE	TPHg, BTEX, MTBE, (8015, 8260B)
			DIPE, TAME, ETBE, TBA (8260B)

BOREHOLE VOLUME CALCULATIONS

The calculation of one borehole volume is based on the formula in the SAM Manual.

Casing Diameter (in)	Borehole Diameter (in)	Calculated Borehole Volume (gal)
2	8	.77 ($DTB-DTW_1$)
2	10	1.14 ($DTB-DTW_1$)
4	10	1.50 ($DTB-DTW_1$)
4	12	1.95 ($DTB-DTW_1$)
6	10	2.11 ($DTB-DTW_1$)

Notes: Well Repair: Re-tapped

RECOVERY CALCULATIONS

$$\% \text{ of Recovery} = 1 - \frac{(DTW_1)-(DTW_3)}{(DTW_1)-(DTW_2)} \times 100$$

$$\% \text{ of Recovery} = 1 - \frac{(52.03)-(52.03)}{(52.03)-(52.30)} = \frac{0}{0.27}$$

$$= 100\ \%$$

80% Recharge = ~~52.08~~ 52.08

SECOR INTERNATIONAL INCORPORATED	WELL PURGING / SAMPLING LOG		Well No: MW-~~11~~ 12
	Project Name: Chevron #9-1834		Date: 10-20-05
	Project Number: 08CH.41834.05 / 0790		Sample Time: 1430
	SECOR Rep: J. Garcia	Checked by: TDB	Sample No: MW-~~11~~ 12

PURGING & SAMPLING EQUIPMENT / METHOD	WELL SPECIFICATIONS & MEASUREMENTS	
Water Level Meter Type & ID: Solinist # 14	Borehole Diameter (in): 8 (10) 12	
Purging Equipment / Method: ___Vac Truck ___Bailer X Submersible Pump ___Other	Casing Diameter (in): 2 (4)	
pH Temp/Conductivity Meter Type / ID: 1A	Depth to Water (DTW_1) (ft): 51.09	
Sampling Method: ___Teflon Bailer X Disposable Bailer ___Other:	Total Well Depth (DTB) (ft): 65.01	Water Column: 13.92
Decontamination Method: ___Steam / High Pressure Wash X 3 Stage (Alconox, Tap & DI rinse) Other:	Floating Product:	Thickness (in):
	Borehole Volume (gal): 20.88	1.5 Borehole Volumes (gal): 31.32

PURGING INFORMATION

Time	DTW (ft)	Water Volume Purged (gal)	pH	Temp (°C)	Elect. Cond. (μ mhos)	Water Description (odor, turbidity, color)
1210	Started Purging					
1223	52.21	21	5.69	22.1	7350	Clear, odorless
1230	52.30	31.5	5.70	22.6	7350	" "
1430	~~51.33~~ A	Sample				
	51.92					

Maximum Drawdown (DTW_2) (ft) = 52.30

H^2O Removal Rate (GPM) = 1.57

~~X~~ Fast Recharging Well

X Slow Recharging Well

SAMPLING INFORMATION

Time Sampled: 1430

Depth to Water at time of sampling (DTW_3): 51.33

Container Types & Volumes	Filtered (Y/N)	Sample Preservatives	Analytical Parameters
6 x 40ml VOAs	N	(HCL & ICE) or NONE	TPHg, BTEX, MTBE, (8015, 8260B)
			DIPE, TAME, ETBE, TBA (8260B)

BOREHOLE VOLUME CALCULATIONS

The calculation of one borehole volume is based on the formula in the SAM Manual.

Casing Diameter (in)	Borehole Diameter (in)	Calculated Borehole Volume (gal)
2	8	.77 (DTB-DTW_1)
2	10	1.14 (DTB-DTW_1)
4	10	1.50 (DTB-DTW_1)
4	12	1.95 (DTB-DTW_1)
6	10	2.11 (DTB-DTW_1)

Notes:

RECOVERY CALCULATIONS

$$\% \text{ of Recovery} = 1 - \frac{(DTW_1) - (DTW_3)}{(DTW_1) - (DTW_2)} \times 100$$

$$\% \text{ of Recovery} = 1 - \frac{(51.09) - (\cancel{51.33}\ 51.92)}{(51.09) - (52.30)} = \frac{\cancel{-0.24}\ 0.83}{-1.21} = \cancel{80\%}\ 31\%$$

80% Recharge = 51.33

APPENDIX C
MONITORING WELL PURGING AND SAMPLING PROCEDURES

MONITORING WELL PURGING AND SAMPLING PROCEDURES

Monitoring well purging and sampling methods follow the procedures outlined by the County of San Diego, Environmental Health Services, Site Assessment and Mitigation (SAM) Manual.

Purging Procedures

A. Using a decontaminated instrument (i.e., tape measure, continuity meter, or interface probe) measure the depth to groundwater in reference to the measuring point at the top of the casing. Measure the total depth of the well to calculate the height and volume of water in the borehole.

B. Based on previously obtained data, if a monitoring well is suspected of containing LPH, lower a transparent bailer into the well to evaluate the presence of hydrocarbon sheen on the water table.

C. Decontaminate the purge pump and/or PVC bailers by scrubbing in Alconox detergent solution, followed by a tap water rinse and then a deionized water rinse.

D. Purge, by pumping, bailing, or using a vacuum truck with dedicated tubing, approximately one borehole volume of groundwater as calculated according to the thickness of the water column and the diameter of the borehole.

E. Conduct field measurements (i.e., pH and conductivity) after approximately one borehole volume has been purged, or if the water level in the well is so low as to prevent further purging (dry).

   1. If the well has not been purged dry, continue to bail and/or pump and conduct field measurements again following removal of each successive one-half borehole volume of water.

      a) If the first and second series of measurements vary by less than ten percent, the well has been adequately purged. Allow the well to recover to 80 percent of its static condition and begin the sampling procedure.

      b) If the measurements vary by ten percent or greater, repeat Step E1 above.

   2. If the well has been purged dry, measure the water level and allow the well to recharge to 80 percent, or for two hours, whichever occurs first. Calculate the percent recovery.

      a) If the well recovers to less than 80 percent within two hours, it is a slow recharging well. Repeat Step E1 above.

Sampling Procedures

A. Use a disposable bailer to collect the groundwater sample.

B. Fit the stopcock onto the base of the bailer and transfer the groundwater sample into the appropriate container(s). Where applicable, some containers are completely filled to achieve zero headspace. Label the samples according to location and date of collection.

C. Enter the samples into ChevronTexaco Chain-of-Custody protocol and preserve on ice until delivery to the analytical laboratory. Complete the Well Development or Purging/Sampling Log to be stored in the project file.