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DATE: July 21, 2005

CHEVRONTEXACO ANNUAL GROUNDWATER MONITORING REPORT

Station No.: 9-1197
Address: 8808 Lawrence Welk Drive, Escondido, CA
Chevron Environmental Manager: Mr. Dana Thurman
Consulting Co./Contact Person: SECOR / Mr. Maurice Baron Jr.
SECOR Project No.: MTCH.91197.08
Primary Agency/Regulatory ID No.: County of San Diego Land and Water Quality Division Site Assessment and Mitigation (SAM) / H05719-001
Second Quarter EDF Confirmation Number: 2034922838

WORK PERFORMED DURING SECOND QUARTER 2005:

1. Completed Second Quarter 2005 groundwater monitoring, sampling, and reporting. The sampling event took place on May 5, 2005.

WORK PROPOSED DURING THIRD QUARTER 2005:

1. Submit Corrective Action Plan with the revised Sensitive Receptor Survey and request regulatory closure for the Site.

Current Phase of Project:	Monitoring
Frequency of Sampling and Monitoring:	Annual
Are Liquid Phase Hydrocarbons (LPH) Present On-site:	No
Cumulative LPH Recovered to Date:	Unknown
LPH Recovered This Reporting Period (2nd Quarter 2005):	None
Current Remediation Techniques:	None
Permits for Discharge:	None
Second Quarter Approximate Depth to Groundwater:	14.30 to 18.13 feet below top of casing
Second Groundwater Gradient:	Northwest, 0.0089 feet per foot

DISCUSSION:

Second Quarter: Depth-to-static water (DTW) measurements in Site groundwater monitoring wells (MWs) on May 5, 2005 ranged between 14.30 and 18.13 feet below top of casing (bTOC). Calculated groundwater elevations varied from 493.82 to 496.17 feet above mean sea level (MSL). The hydraulic gradient was calculated to be 0.0089 vertical feet per horizontal foot (ft/ft), with a flow direction to the northwest. No measurable thicknesses of liquid-phase hydrocarbons (LPH) were detected in any of the gauged Site MWs during this sampling event.

All six Site MWs were sampled following the attached purge sampling procedures, which are based on SAM guidelines. Total petroleum hydrocarbons as gasoline (TPHg) were detected above laboratory detection limits (LDLs) in the samples collected from wells MW-2 and MW-5, at concentrations of 4,100 micrograms per liter (μg/L) and 25 μg/L, respectively. Benzene, toluene, ethylbenzene, and total xylenes all were detected above LDLs in one well sampled (MW-2) at concentrations of 2.0 μg/L, 0.6 μg/L, 240 μg/L, and 250 μg/L, respectively. Methyl-tert-butyl ether (MTBE) was detected above LDLs in the samples collected from wells MW-1, MW-2, MW-5, and

DATE: July 21, 2005

CHEVRONTEXACO ANNUAL GROUNDWATER MONITORING REPORT (CONT'D)
Former Chevron 9-1197, 8808 Lawrence Welk Drive, Escondido, CA

MW-6 at concentrations of 2.0 μg/L, 62 μg/L, 71 μg/L, and 14 μg/L, respectively. Tert-butyl alcohol (TBA) was detected above LDLs in the samples collected for MW-2 and MW-5 at concentrations of 110 μg/L and 13 μg/L, respectively. Di-isopropyl ether (DIPE), ethyl-tert-butyl ether (ETBE), and tert-amyl-methyl ether (TAME) were not detected above LDLs in any of the samples analyzed.

Conclusions and Recommendations: SECOR recommends that annual groundwater gauging and sampling be continued, until such time that the Site can be shown to qualify for administrative closure.

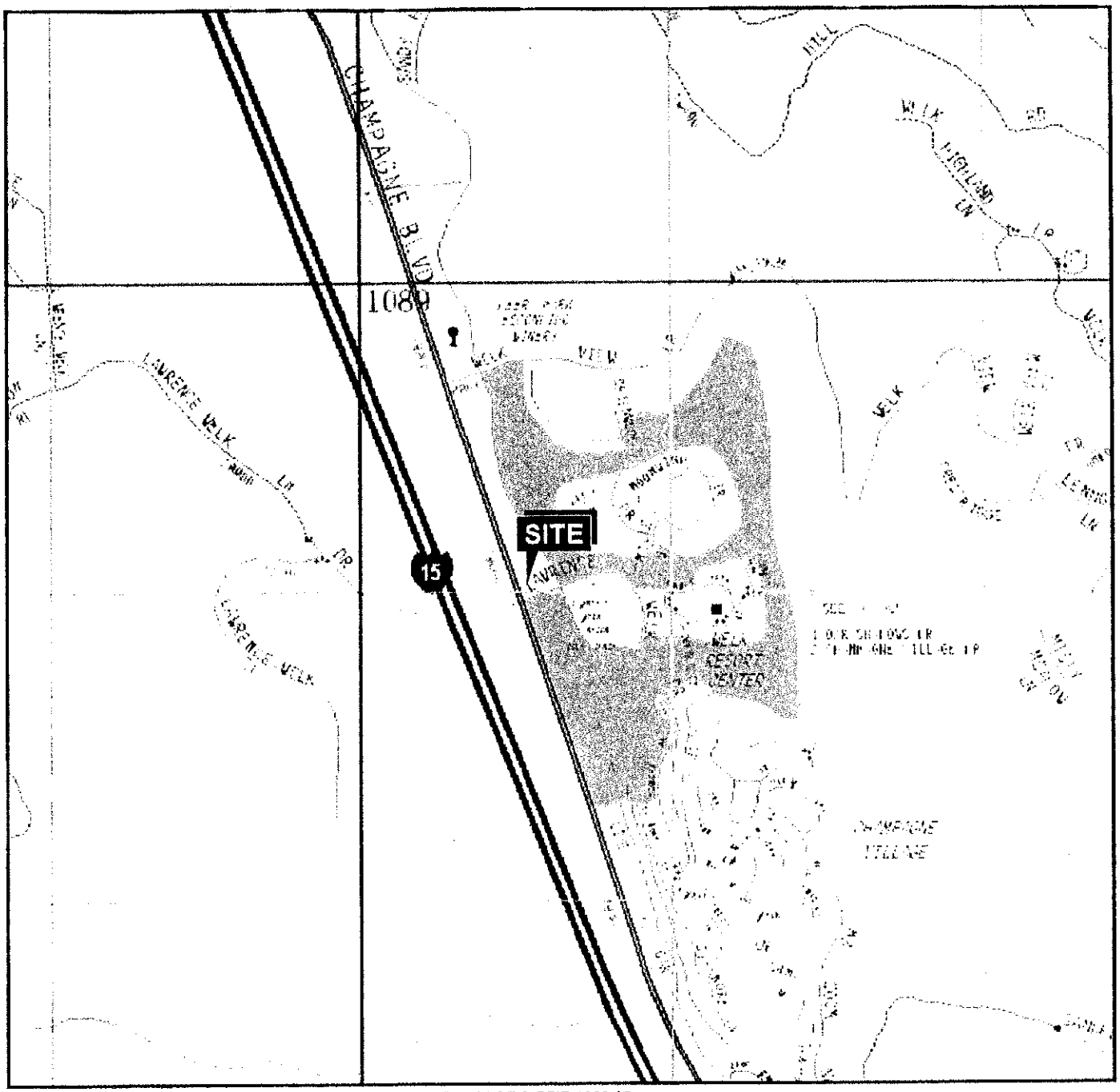
ATTACHED:

- Site Location Map (Figure 1)
- Groundwater Gradient Map – May 5, 2005 (Figure 2)
- Hydrocarbon Constituents in Groundwater Map – May 5, 2005 (Figure 3)
- Second Quarter 2005 Groundwater Levels and Chemical Analysis Results (Table 1)
- Historic Groundwater Levels and Chemical Analysis Results (Table 2)
- Hydrographs
- Laboratory Report and Chain-of-Custody Documentation
- Monitoring Well Gauging Data
- Well Purging and Sampling Logs
- Monitoring Well Purging and Groundwater Sampling Procedures

REGISTERED GEOLOGIST NO. 514 CLIFFORD R. POLLOCK Certified Engineering Geologist No. EG514 Expires 11/30/06 STATE OF CALIFORNIA

Reed Thornberry
Project Scientist

Clifford R. Pollock, CHG# 514
Principal Engineering Geologist



REFERENCE: SAN DIEGO 2003 THE THOMAS GUIDE CD-ROM, PAGE & GRID 1089 A2.

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APPROXIMATE SCALE (FEET)

SECOR
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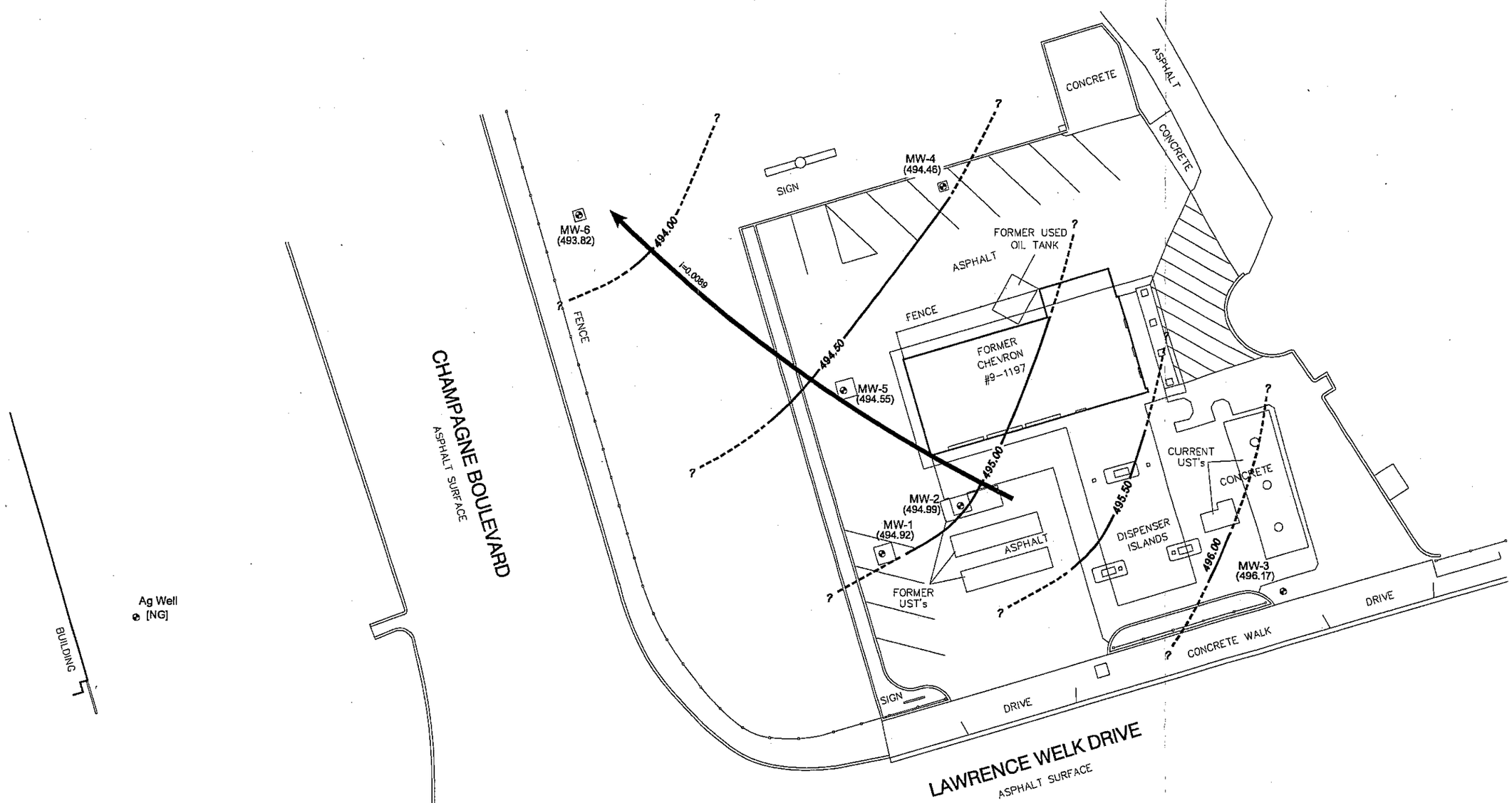
FOR:			FIGURE:
FORMER CHEVRON STATION #9-1197 8808 Lawrence Welk Drive Escondido, California		SITE LOCATION MAP	1

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
MTCH.91197.08	RO	RT		5/12/05



LEGEND:

MW-1	MONITORING WELL
(493.82)	GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (MSL)
?---494.00---	ESTIMATED GROUNDWATER ELEVATION CONTOUR IN FEET ABOVE MSL. DASHED WHERE INFERRED. QUERIED WHERE UNKNOWN.
i=0.0089	APPROXIMATE DIRECTION OF GROUNDWATER FLOW AND HYDRAULIC GRADIENT (i)
[NG]	NOT GAUGED
—·—·—	APPROXIMATE PROPERTY BOUNDARY

0 30 60

APPROXIMATE SCALE (FEET)

MAP REFERENCE:
SITE AREA MAP ADAPTED FROM SOUTHERN CALIFORNIA SURVEY REPORT, DATED 5/07/2004

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PREPARED FOR:
FORMER
CHEVRON STATION # 9-1197
8808 LAWRENCE WELK DRIVE
ESCONDIDO, CALIFORNIA

GROUNDWATER GRADIENT MAP
MAY 5, 2005

FIGURE: 2

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MTCH.91197.08	PD			5/25/05

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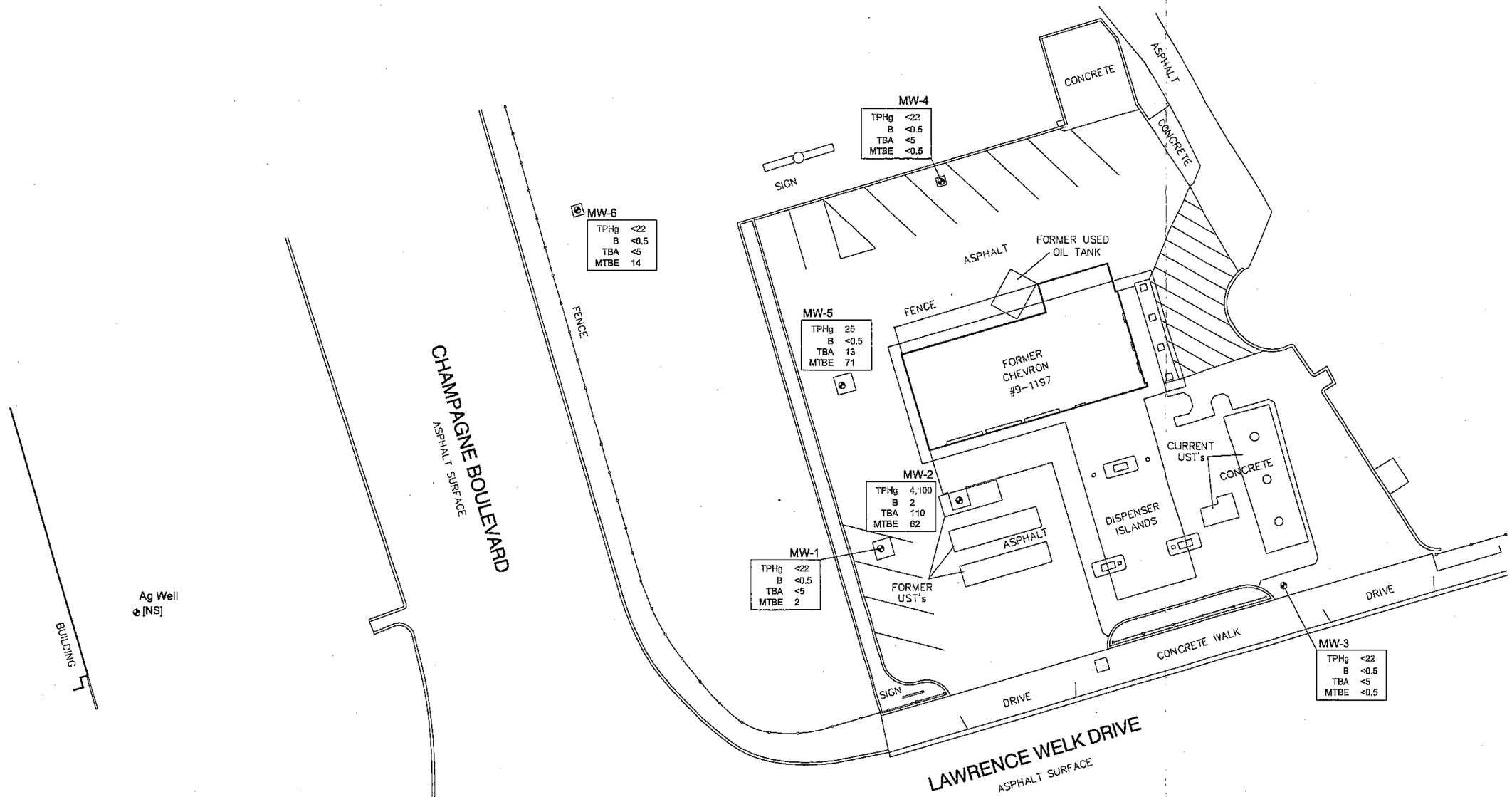
9-1197GW5-05



LEGEND:

MW-1	MONITORING WELL
TPHg <22 B <0.5 TBA <5 MTBE 14	TPHg/BENZENE/TBA/MTBE CONCENTRATIONS IN GROUNDWATER SAMPLES. CONCENTRATIONS REPORTED IN MICROGRAMS PER LITER (μg/L)
TPHg	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
B	BENZENE
TBA	TERT-BUTYL ALCOHOL
MTBE	METHYL TERT-BUTYL ETHER
<	BELOW LABORATORY REPORTING LIMIT INDICATED
[NS]	NOT SAMPLED
—·—·—	APPROXIMATE PROPERTY BOUNDARY

0 30 60

APPROXIMATE SCALE (FEET)

MAP REFERENCE:
SITE AREA MAP ADAPTED FROM SOUTHERN CALIFORNIA SURVEY REPORT, DATED 5/07/2004

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PREPARED FOR:
FORMER
CHEVRON STATION # 9-1197
8808 LAWRENCE WELK DRIVE
ESCONDIDO, CALIFORNIA

HYDROCARBON CONSTITUENTS IN GROUNDWATER MAP
MAY 5, 2005

FIGURE: 3

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
MTCH.91197.08	PD			5/25/05

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9-1197CON5-05

Table 1
Second Quarter 2005 Groundwater Levels and Chemical Analysis Results
Former Chevron Station 9-1197, 8808 Lawrence Welk Drive, Escondido, California

Well Number	Date	DTW (feet)	Groundwater Elevation (feet)*	TPH-g [1] µg/l (ppb)	Benzene [1] µg/l (ppb)	Toluene [1] µg/l (ppb)	Ethyl-benzene [1] µg/l (ppb)	Total Xylenes [1] µg/l (ppb)	MTBE [1] µg/l (ppb)	DIPE [1] µg/l (ppb)	ETBE [1] µg/l (ppb)	TAME [1] µg/l (ppb)	TBA [1] µg/l (ppb)
MW-1	5/5/05	17.15	494.92	<22	<0.5	<0.5	<0.5	<0.5	2.0	<0.5	<0.5	<0.5	<5.0
MW-2	5/5/05	16.94	494.99	4100	2.0	0.6	240	250	62	<0.5	<0.5	<0.5	110
MW-3	5/5/05	14.30	496.17	<22	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
MW-4	5/5/05	18.10	494.46	<22	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
MW-5	5/5/05	18.13	494.55	25	<0.5	<0.5	<0.5	<0.5	71	<0.5	<0.5	<0.5	13
MW-6	5/5/05	17.23	493.82	<22	<0.5	<0.5	<0.5	<0.5	14	<0.5	<0.5	<0.5	<5.0

Notes: [1] Analyzed by EPA method 8260B.

Definitions: DTW = Depth to Water, feet* = Feet above mean sea level, TPHg = Total Petroleum Hydrocarbons as Gasoline, MTBE = Methyl tert-Butyl Ether, DIPE = Di-isopropyl Ether, ETBE = Ethyl tert-Butyl Ether, TAME = tert-Amyl Methyl Ether, TBA = tert-Butyl Alcohol, µg/l = micrograms per liter, ppb = parts per billion.

Monitoring and sampling activities conducted by Blaine Tech Services on 5/5/05. GEIMS Global ID # T0607301337.

Table 2
Historic Groundwater Levels and Chemical Analysis Results
Former Chevron Station 9-1197, 8808 Lawrence Welk Drive, Escondido, California

Well No. and Elevation (feet)*	Date	DTW (feet)	Groundwater Elevation (feet)*	Corrected Groundwater Elevation (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	12/20/93	14.92	495.22	497.15	ND	0.38	0.75	1.2	6.4	ND	--	--	--	--	--
510.14	3/14/94	14.65	495.49	497.42	ND	ND	ND	2.0	10.5	12.1	--	--	--	--	--
	6/13/94	16.70	493.44	495.37	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	9/20/94	21.63	488.51	490.44	700	9.2	2.5	10.5	33.6	15.6	--	--	--	--	--
	12/8/94	20.25	489.89	491.82	1830	13.6	3.0	28.8	7.0	77.5	--	--	--	--	--
	2/28/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/5/95	16.30	493.84	495.77	ND	0.60	ND	ND	ND	20	--	--	--	--	--
	8/23/95	17.72	492.42	494.35	ND	ND	8.0	ND	25	220	--	--	--	--	--
	12/5/95	17.09	493.05	494.98	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	3/18/96	16.56	493.58	495.51	ND	ND	ND	ND	ND	--	--	--	--	--	--
	6/13/96	19.32	490.82	492.75	--	--	--	--	--	--	--	--	--	--	--
	6/18/96	19.63	490.51	492.44	ND	0.50	5.0	ND	ND	ND	--	--	--	--	--
	8/26/96	DRY	DRY	DRY	--	--	--	--	--	--	--	--	--	--	--
	11/12/96	23.83	486.31	488.24	--	--	--	--	--	--	--	--	--	--	--
	3/7/97	16.90	493.24	495.17	510	8.8	ND	ND	ND	36	--	--	--	--	--
	6/3/97	19.11	491.03	492.96	ND	0.83	ND	ND	ND	14	--	--	--	--	--
	12/4/97	21.83	488.31	490.24	1300	16	ND	2.1	1.6	45	--	--	--	--	--
	11/12/98	19.45	490.69	492.62	ND	3.8	ND	ND	ND	24	--	--	--	--	--
	11/12/99	DRY	DRY	DRY	--	--	--	--	--	--	--	--	--	--	--
	4/20/00	20.93	489.21	491.14	500	2.5	<0.50	<0.50	<1.5	46	--	--	--	--	--
	10/18/00	DRY	DRY	DRY	--	--	--	--	--	--	--	--	--	--	--
	4/16/01	17.94	492.20	494.13	<500	<0.50	<0.50	<0.50	<1.5	--	23	<5.0	<5.0	<5.0	120
	10/2/01	DRY	DRY	DRY	--	--	--	--	--	--	--	--	--	--	--
	4/1/02	23.89	486.25	488.18	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<2.0	<2.0	<2.0	<25
	11/11/02	24.60	--	487.47	<500	0.93	0.56	3.5	<1.5	--	<1.0	<2.0	<2.0	<2.0	<25
	12/19/03	21.52	--	490.55	<500	<0.50	<0.50	<0.50	<1.5	--	41	<5.0	<5.0	<5.0	99
512.07	5/7/04	20.10	491.97	491.97	<500	<0.50	<0.50	<0.50	<1.5	--	26	<5.0	<5.0	<5.0	<25
	11/5/04	22.10	489.97	489.97	<500	<0.50	<0.50	<0.50	<1.5	--	1.2	<5.0	<5.0	<5.0	<25
	5/5/05	17.15	494.92	494.92	<22	<0.5	<0.5	<0.5	<0.5	--	2.0	<0.5	<0.5	<0.5	<5.0
MW-2	12/20/93	14.79	495.28	497.14	25000	340	770	1200	5400	36	--	--	--	--	--
510.07	3/14/94	14.52	495.55	497.41	9000	446	1110	992	2280	226	--	--	--	--	--
	6/13/94	16.46	493.61	495.47	18700	321	990	955	3100	534	--	--	--	--	--
	9/20/94	21.42	488.67	490.51	--	--	--	--	--	--	--	--	--	--	--
	12/8/94	20.26	489.81	491.67	34100	256	964	1040	5560	2990	--	--	--	--	--
	2/28/95	13.72	496.35	498.21	--	--	--	--	--	--	--	--	--	--	--
MW-2	6/5/95	16.14	493.93	495.79	69100	914	5490	4780	14000	6540	--	--	--	--	--
continued	8/23/95	17.40	492.67	494.53	34500	800	2800	3700	7800	2350	--	--	--	--	--
	12/5/95	16.90	493.17	495.03	7700	250	80	1600	940	1000	--	--	--	--	--
	3/18/96	16.43	493.64	495.50	7620	350	160	1300	800	--	--	--	--	--	--
	6/13/96	19.02	491.05	492.91	5170	360	60	1260	730	510	--	--	--	--	--
	8/26/96	DRY	DRY	DRY	--	--	--	--	--	--	--	--	--	--	--
	11/12/96	23.89	486.18	488.04	--	--	--	--	--	--	--	--	--	--	--
	3/7/97	16.80	493.27	495.13	22000	360	890	2200	8300	780	--	--	--	--	--

Table 2
Historic Groundwater Levels and Chemical Analysis Results
Former Chevron Station 9-1197, 8808 Lawrence Welk Drive, Escondido, California

Well No. and Elevation (feet)*	Date	DTW (feet)	Groundwater Elevation (feet)*	Corrected Groundwater Elevation (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)
	6/3/97	18.82	491.25	493.11	2700	63	18	400	310	1000	--	--	--	--	--
	12/4/97	21.65	488.42	490.28	7800	150	310	880	1300	570	--	--	--	--	--
	11/12/98	19.23	490.84	492.70	6700	46	190	520	1400	750	--	--	--	--	--
	11/12/99	DRY	DRY	DRY	--	--	--	--	--	--	--	--	--	--	--
	4/20/00	20.52	489.55	491.41	2600	30	<5.0	350	29	240	--	--	--	--	--
	10/18/00	DRY	DRY	DRY	--	--	--	--	--	--	--	--	--	--	--
	4/16/01	17.71	492.36	494.22	10000	49	26	1800	1700	--	100	<25	<25	<25	<250
	10/2/01	DRY	DRY	DRY	--	--	--	--	--	--	--	--	--	--	--
	4/1/02	DRY	DRY	DRY	--	--	--	--	--	--	--	--	--	--	--
511.53	11/11/02	DRY	DRY	DRY	--	--	--	--	--	--	--	--	--	--	--
	12/19/03	20.97	490.55	490.96	<2500	<25	<25	490	270	--	140	<250	<250	<250	<1200
511.93	5/7/04	19.64	492.29	492.29	910	0.66	<0.50	19	39	--	55	<5.0	<5.0	<5.0	90
	11/5/04	21.81	490.12	490.12	3200	110	240	100	810	--	19	<25	<25	<25	<120
	5/5/05	16.94	494.99	494.99	4100	2.0	0.6	240	250	--	62	<0.5	<0.5	<0.5	110
MW-3	12/20/93	11.42	496.57	499.05	ND	ND	ND	ND	ND	ND	--	--	--	--	--
507.99	3/14/94	11.16	496.83	499.31	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	6/13/94	12.62	495.37	497.85	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	9/20/94	17.35	490.64	493.12	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	12/8/94	16.73	491.26	493.74	--	--	--	--	--	--	--	--	--	--	--
	2/28/95	10.68	497.31	499.79	--	--	--	--	--	--	--	--	--	--	--
	6/5/95	13.83	494.16	496.64	--	--	--	--	--	--	--	--	--	--	--
	8/23/95	14.31	493.68	496.16	ND	9.0	40	ND	50	ND	--	--	--	--	--
	12/5/95	14.35	493.64	496.12	--	--	--	--	--	--	--	--	--	--	--
	3/18/96	14.11	493.88	496.36	--	--	--	--	--	--	--	--	--	--	--
	6/13/96	15.62	492.37	494.85	--	--	--	--	--	--	--	--	--	--	--
	8/26/96	21.40	486.59	489.07	ND	ND	ND	ND	ND	ND	--	--	--	--	--
MW-3	11/12/96	21.00	486.99	489.47	--	--	--	--	--	--	--	--	--	--	--
continued	3/7/97	14.55	493.44	495.92	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	6/3/97	15.51	492.48	494.96	--	--	--	--	--	--	--	--	--	--	--
	12/4/97	18.97	489.02	491.50	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	11/12/98	15.98	492.01	494.49	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	11/12/99	DRY	DRY	DRY	--	--	--	--	--	--	--	--	--	--	--
	4/20/00	16.77	491.22	493.70	<500	<0.50	<0.50	<0.50	<1.5	2.4	--	--	--	--	--
	10/18/00	DRY	DRY	DRY	--	--	--	--	--	--	--	--	--	--	--
	4/16/01	15.30	492.69	495.17	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<50
	10/2/01	DRY	DRY	DRY	--	--	--	--	--	--	--	--	--	--	--
	4/1/02	19.93	488.06	490.54	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<2.0	<2.0	<2.0	<25
510.08	11/11/02	20.65	489.43	489.82	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<2.0	<2.0	<2.0	<25
	12/19/03	17.3	492.78	493.17	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25
510.47	5/7/04	16.30	494.17	494.17	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25
	11/5/04	18.63	491.84	491.84	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25
	5/5/05	14.30	496.17	496.17	<22	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<5.0

Table 2
Historic Groundwater Levels and Chemical Analysis Results
Former Chevron Station 9-1197, 8808 Lawrence Welk Drive, Escondido, California

Well No. and Elevation (feet)*	Date	DTW (feet)	Groundwater Elevation (feet)*	Corrected Groundwater Elevation (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	12/20/93	15.17	494.93	497.39	ND	ND	ND	ND	1.7	ND	--	--	--	--	--
510.10	3/14/94	14.97	495.13	497.59	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	6/13/94	16.76	493.34	495.80	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	9/20/94	21.71	488.39	490.85	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	12/8/94	20.40	489.70	492.16	--	--	--	--	--	--	--	--	--	--	--
	2/28/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/5/95	17.14	492.96	495.42	--	--	--	--	--	--	--	--	--	--	--
	8/23/95	18.17	491.93	494.39	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	12/5/95	17.79	492.31	494.77	--	--	--	--	--	--	--	--	--	--	--
	3/18/96	17.38	492.72	495.18	--	--	--	--	--	--	--	--	--	--	--
	6/13/96	19.83	490.27	492.73	--	--	--	--	--	--	--	--	--	--	--
	8/26/96	DRY	DRY	DRY	--	--	--	--	--	--	--	--	--	--	--
	11/12/96	24.55	485.55	488.01	--	--	--	--	--	--	--	--	--	--	--
	3/7/97	17.80	492.30	494.76	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	6/3/97	19.58	490.52	492.98	--	--	--	--	--	--	--	--	--	--	--
	12/4/97	22.50	487.60	490.06	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	11/12/98	20.12	489.98	492.44	ND	ND	ND	ND	ND	ND	--	--	--	--	--
MW-4	11/12/99	DRY	DRY	DRY	--	--	--	--	--	--	--	--	--	--	--
continued	4/20/00	20.85	489.25	491.71	<500	<0.50	<0.50	<0.50	<1.5	<1.0	--	--	--	--	--
	10/18/00	DRY	DRY	DRY	--	--	--	--	--	--	--	--	--	--	--
	4/16/01	18.62	491.48	493.94	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<50
	10/2/01	DRY	DRY	DRY	--	--	--	--	--	--	--	--	--	--	--
	4/1/02	23.65	486.45	488.91	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<2.0	<2.0	<2.0	<25
512.16	11/11/02	DRY	DRY	DRY	--	--	--	--	--	--	--	--	--	--	--
	12/19/03	22.11	490.05	490.45	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25
512.56	5/7/04	20.72	491.84	491.84	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25
	11/5/04	22.75	489.81	489.81	<500	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25
	5/5/05	18.10	494.46	494.46	<22	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<5.0
MW-5	3/14/94	15.47	495.16	497.21	ND	ND	5.8	ND	2.9	19.5	--	--	--	--	--
510.63	6/13/94	17.51	493.12	495.17	ND	14.8	0.86	117	2.7	16.3	--	--	--	--	--
	9/20/94	22.43	488.20	490.25	ND	16.1	1.2	24.3	23.7	ND	--	--	--	--	--
	12/8/94	21.02	489.61	491.66	1450	55	10.9	4.8	15.7	57.8	--	--	--	--	--
	2/28/95	15.00	495.63	497.68	ND	5.6	ND	1.9	ND	19.6	--	--	--	--	--
	6/5/95	17.14	493.49	495.54	525	25.3	0.90	3.8	5.2	327	--	--	--	--	--
	8/23/95	14.51	496.12	498.17	ND	11	24	ND	ND	430	--	--	--	--	--
	12/5/95	17.90	492.73	494.78	ND	ND	2.5	ND	ND	120	--	--	--	--	--
	3/18/96	17.40	493.23	495.28	625	ND	ND	ND	ND	--	--	--	--	--	--
	6/13/96	20.15	490.48	492.53	820	60	2.0	40	70	510	--	--	--	--	--
	8/26/96	DRY	DRY	DRY	--	--	--	--	--	--	--	--	--	--	--
	11/12/96	23.55	487.08	489.13	--	--	--	--	--	--	--	--	--	--	--
	3/7/97	17.78	492.85	494.90	ND	2.2	ND	ND	ND	14	--	--	--	--	--
	6/3/97	19.91	490.72	492.77	ND	1.3	ND	ND	ND	190	--	--	--	--	--
	12/4/97	22.67	487.96	490.01	1100	14	ND	27	16	130	--	--	--	--	--

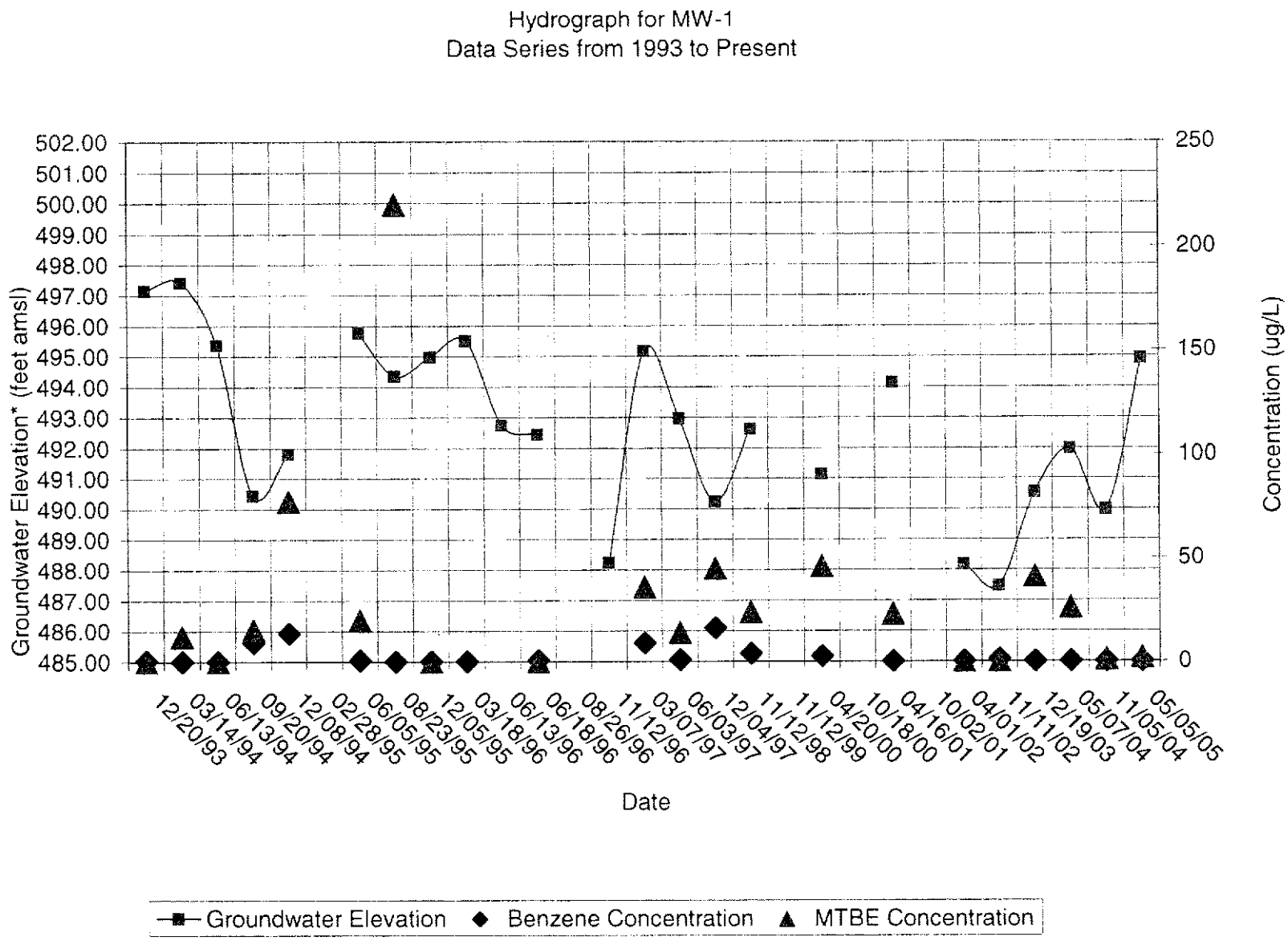
Table 2
Historic Groundwater Levels and Chemical Analysis Results
Former Chevron Station 9-1197, 8808 Lawrence Welk Drive, Escondido, California

Well No. and Elevation (feet)*	Date	DTW (feet)	Groundwater Elevation (feet)*	Corrected Groundwater Elevation (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)
	11/12/98	20.34	490.29	492.34	ND	1.1	0.61	ND	ND	410	--	--	--	--	--
	11/12/99	DRY	DRY	DRY	--	--	--	--	--	--	--	--	--	--	--
	4/20/00	21.78	488.85	490.90	<500	1.7	<1.0	<1.0	<3.0	410	--	--	--	--	--
	10/18/00	DRY	DRY	DRY	--	--	--	--	--	--	--	--	--	--	--
	4/16/01	18.76	491.87	493.92	<500	<0.50	0.57	<0.50	<1.5	--	220	<10	<10	<10	190
	10/2/01	DRY	DRY	DRY	--	--	--	--	--	--	--	--	--	--	--
	4/1/02	DRY	DRY	DRY	--	--	--	--	--	--	--	--	--	--	--
512.27	11/11/02	DRY	DRY	DRY	--	--	--	--	--	--	--	--	--	--	--
	12/19/03	22.5	489.77	490.18	<500	<0.50	<0.50	<0.50	<1.5	--	83	<5.0	<5.0	<5.0	<25
512.68	5/7/04	21.05	491.63	491.63	<500	<0.50	<0.50	<0.50	<1.5	--	75	<5.0	<5.0	<5.0	<25
	11/5/04	22.95	489.73	489.73	<500	<0.50	<0.50	<0.50	<1.5	--	4.8	<5.0	<5.0	<5.0	<25
	5/5/05	18.13	494.55	494.55	25	<0.5	<0.5	<0.5	<0.5	--	71	<0.5	<0.5	<0.5	13
MW-6	3/18/96	16.19	492.43	494.86	ND	1.4	ND	1.4	3.5	--	--	--	--	--	--
508.62	6/13/96	19.32	489.30	491.73	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	8/26/96	DRY	DRY	DRY	--	--	--	--	--	--	--	--	--	--	--
	11/12/96	25.54	483.08	485.51	--	--	--	--	--	--	--	--	--	--	--
	3/7/97	15.52	493.10	495.53	ND	ND	ND	ND	ND	24	--	--	--	--	--
	6/3/97	19.04	489.58	492.01	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	12/4/97	21.50	487.12	489.55	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	11/12/98	19.40	489.22	491.65	ND	ND	ND	ND	ND	17	--	--	--	--	--
	11/12/99	DRY	DRY	DRY	--	--	--	--	--	--	--	--	--	--	--
	4/20/00	21.16	487.46	489.89	<500	<0.50	<0.50	<0.50	<1.5	33	--	--	--	--	--
	10/18/00	DRY	DRY	DRY	--	--	--	--	--	--	--	--	--	--	--
	4/16/01	17.58	491.04	493.47	<500	<0.50	<0.50	<0.50	<1.5	--	9.0	<5.0	<5.0	<5.0	<50
	10/2/01	DRY	DRY	DRY	--	--	--	--	--	--	--	--	--	--	--
	4/1/02	22.80	485.82	488.25	<500	<0.50	<0.50	<0.50	<1.5	--	6.2	<2.0	<2.0	<2.0	<25
510.65	11/11/02	DRY	DRY	DRY	--	--	--	--	--	--	--	--	--	--	--
	12/19/03	DRY	DRY	DRY	--	--	--	--	--	--	--	--	--	--	--
511.05	5/7/04	20.43	490.62	490.62	<500	<0.50	<0.50	<0.50	<1.5	--	2.4	<5.0	<5.0	<5.0	<25
	11/5/04	22.50	488.55	488.55	<500	<0.50	<0.50	<0.50	<1.5	--	3.1	<5.0	<5.0	<5.0	<25
	5/5/05	17.23	493.82	493.82	<22	<0.5	<0.5	<0.5	<0.5	--	14	<0.5	<0.5	<0.5	<5.0

Notes: [1] Historically analyzed by modified 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 bt EPA method 8260B.

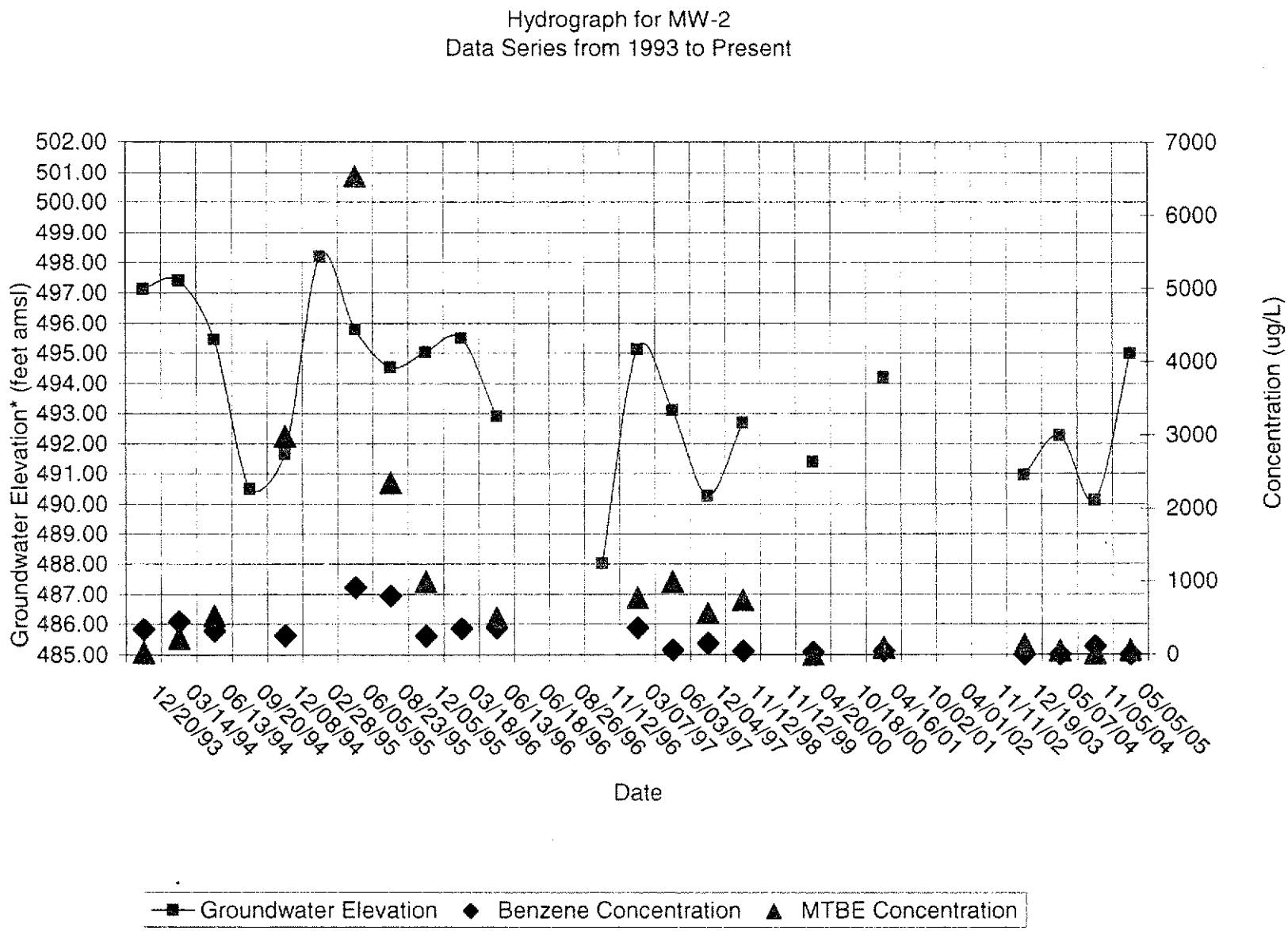
Definitions: DTW = Depth to Water, feet* = Feet above mean sea level, ** = Groundwater elevation calculated to most recent survey data, TPHg = Total Petroleum Hydrocarbons as Gasoline, MTBE = Methyl tert-Butyl Ether, DIPE = Di-isopropyl Ether, ETBE = Ethyl tert-Butyl Ether, TAME = tert-Amyl Methyl Ether, TBA = tert-Butyl Alcohol, µg/l = micrograms per liter, ppb = parts per billion, -- = Not Measured, ND = Not Detected.
Monitoring and sampling activities conducted by SECOR after 2/1/03. Monitoring and sampling activities conducted by Blaine Tech Services 5/5/05. GEIMS Global ID # T0607301337.
Prior to 4th Quarter 1999 sampling event, laboratory results below reporting limits were presented as ND.

Former Chevron Station 9-1197, 8808 Lawrence Welk Drive, Escondido, California



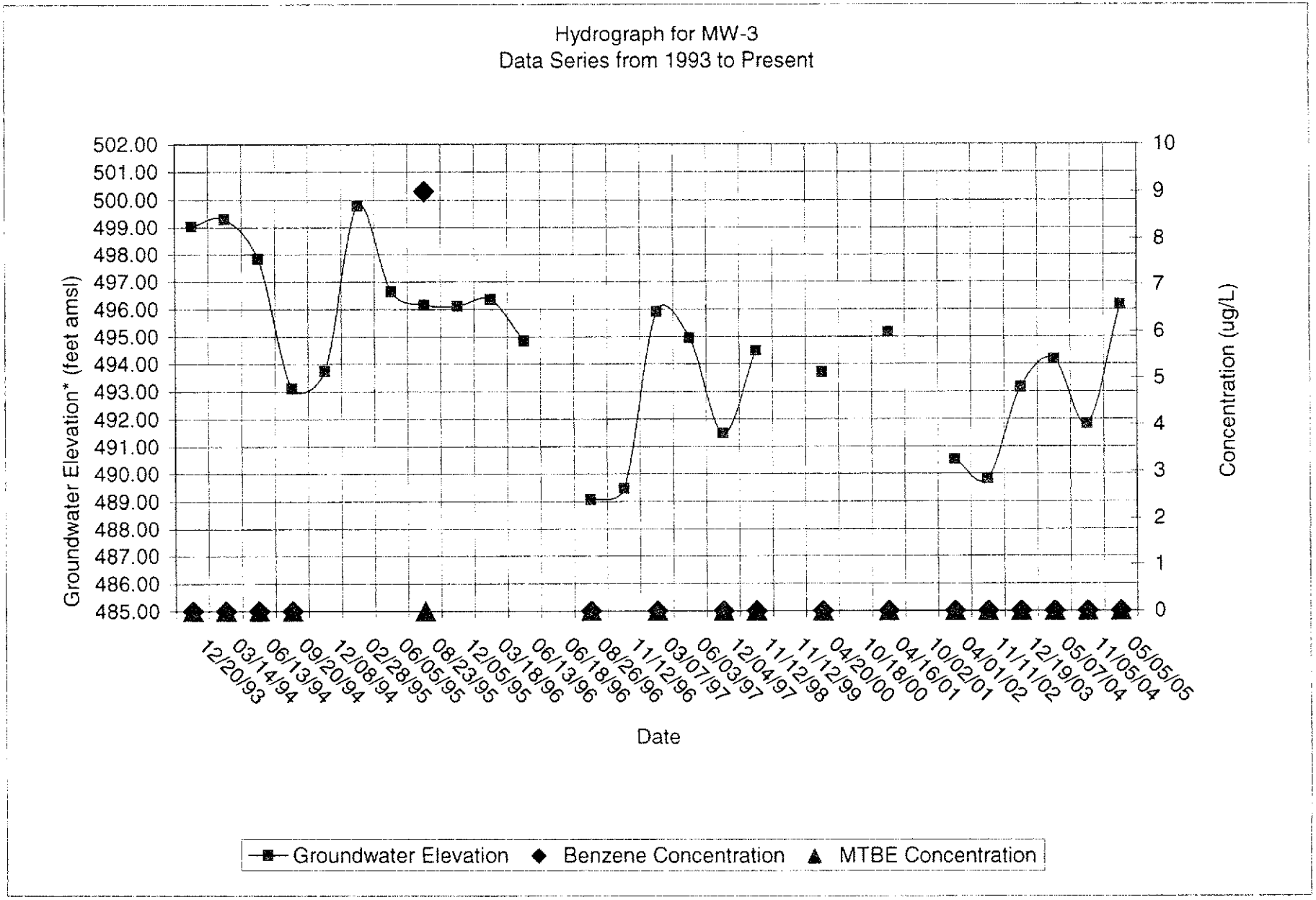
*Groundwater elevations calculated using survey data collected on April 21, 2004

Former Chevron Station 9-1197, 8808 Lawrence Welk Drive, Escondido, California



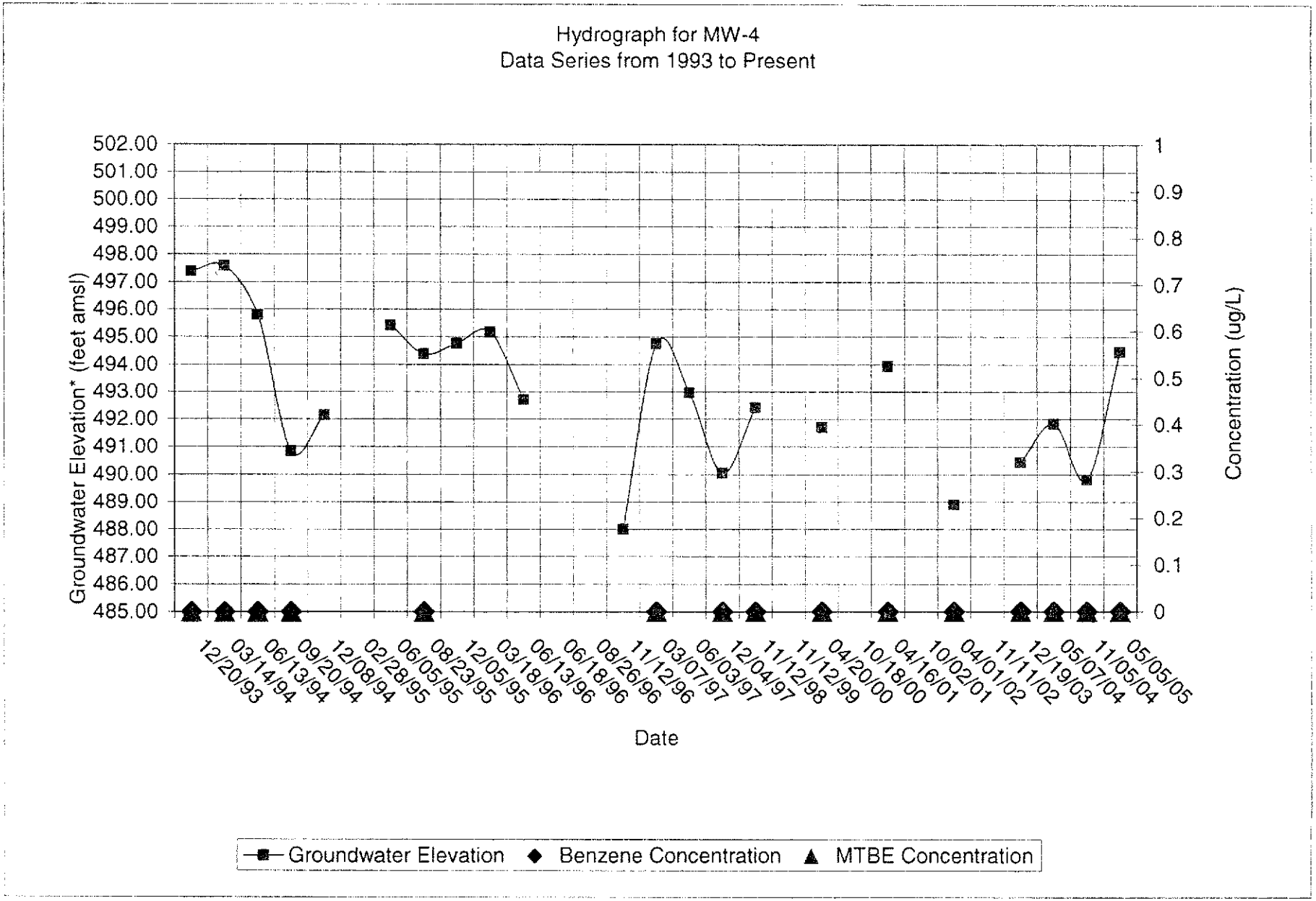
*Groundwater elevations calculated using survey data collected on April 21, 2004

Former Chevron Station 9-1197, 8808 Lawrence Welk Drive, Escondido, California



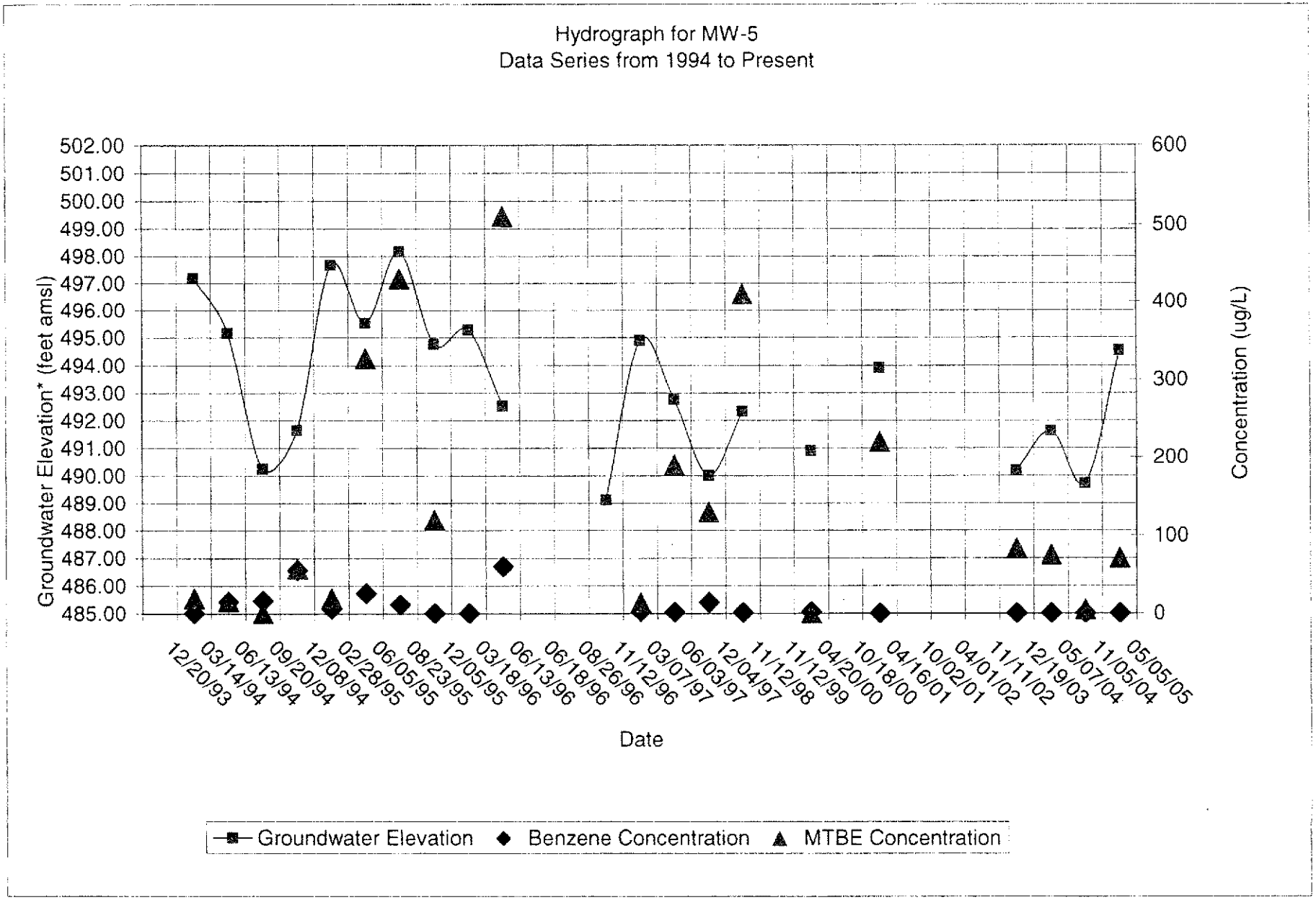
*Groundwater elevations calculated using survey data collected on April 21, 2004

Former Chevron Station 9-1197, 8808 Lawrence Welk Drive, Escondido, California



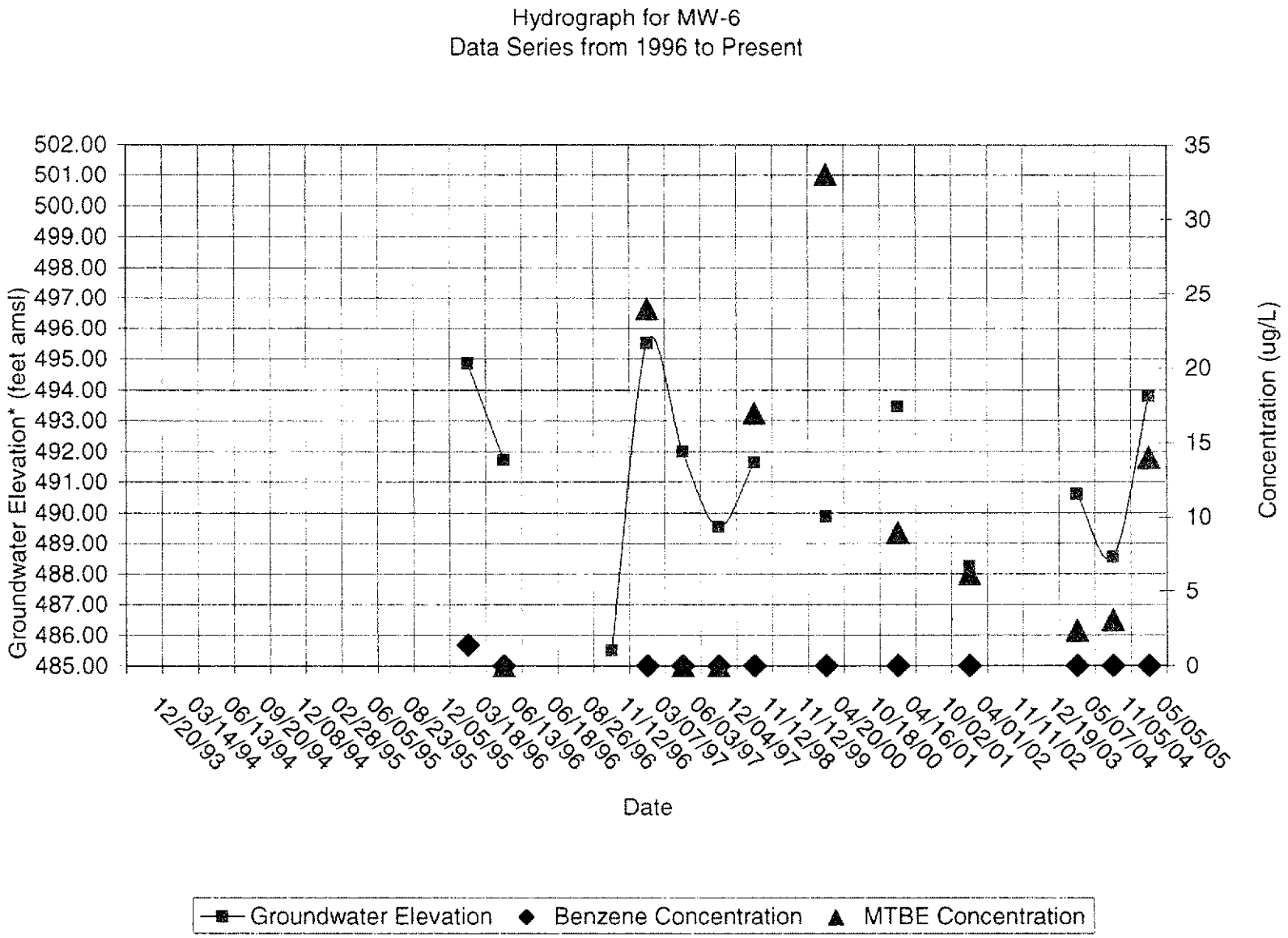
*Groundwater elevations calculated using survey data collected on April 21, 2004

Former Chevron Station 9-1197, 8808 Lawrence Welk Drive, Escondido, California



*Groundwater elevations calculated using survey data collected on April 21, 2004

Former Chevron Station 9-1197, 8808 Lawrence Welk Drive, Escondido, California



*Groundwater elevations calculated using survey data collected on April 21, 2004

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Analysis Report

ANALYTICAL RESULTS

Prepared for:

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

650-691-0131

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 942658. Samples arrived at the laboratory on Saturday, May 07, 2005. The PO# for this group is 99011184 and the release number is MTI.

Client Description			Lancaster Labs Number
MW-1-050505	NA	Water	4520382
MW-2-050505	NA	Water	4520383
MW-3-050505	NA	Water	4520384
MW-4-050505	NA	Water	4520385
MW-5-050505	NA	Water	4520386
MW-6-050505	NA	Water	4520387

ELECTRONIC COPY TO	ChevronTexaco C/O Secor Int.	Attn: Madeline Montilla
1 COPY TO	ChevronTexaco C/O Secor Int.	Attn: Maurice Baron

Lancaster Laboratories

Analysis Report

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

Respectfully Submitted,

Robin C. Runkle
Senior Chemist

Lancaster Laboratories

Analysis Report

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Lancaster Laboratories Sample No. WW 4520382

MW-1-050505 NA Water
Facility# 91197 MTI# MTCH.91197.08 BTST
8808 Lawerence Welk Dr T0607301337 MW-1
Collected:05/05/2005 15:23 by SB

Account Number: 11522

Submitted: 05/07/2005 10:00
Reported: 05/23/2005 at 13:35
Discard: 06/23/2005

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

LAWM1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06056	BTEX+5 Oxygenates by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	2.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1
06184	TPH GRO in water by 8260B					
06383	C6-C12-TPH-GRO	n.a.	N.D.	22.	ug/l	1

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06056	BTEX+5 Oxygenates by 8260B	SW-846 8260B	1	05/12/2005 22:45	Emiley A King	1
06184	TPH GRO in water by 8260B	SW-846 8260B	1	05/12/2005 22:45	Emiley A King	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/12/2005 22:45	Emiley A King	n.a.

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Analysis Report

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Lancaster Laboratories Sample No. WW 4520383

MW-2-050505 NA Water
Facility# 91197 MTI# MTCH.91197.08 BTST
8808 Lawerence Welk Dr T0607301337 MW-2
Collected:05/05/2005 15:55 by SB

Account Number: 11522

Submitted: 05/07/2005 10:00
Reported: 05/23/2005 at 13:35
Discard: 06/23/2005

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

LAWM2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06056	BTEX+5 Oxygenates by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	62.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	110.	5.	ug/l	1
05401	Benzene	71-43-2	2.	0.5	ug/l	1
05407	Toluene	108-88-3	0.6	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	240.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	250.	0.5	ug/l	1
06184	TPH GRO in water by 8260B					
06383	C6-C12-TPH-GRO	n.a.	4,100.	22.	ug/l	1

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06056	BTEX+5 Oxygenates by 8260B	SW-846 8260B	1	05/16/2005 14:49	Anita M Dale	1
06184	TPH GRO in water by 8260B	SW-846 8260B	1	05/16/2005 14:49	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/16/2005 14:49	Anita M Dale	n.a.

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Analysis Report

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Lancaster Laboratories Sample No. WW 4520384

MW-3-050505 NA Water
Facility# 91197 MTI# MTCH.91197.08 BTST
8808 Lawerence Welk Dr T0607301337 MW-3
Collected:05/05/2005 16:10 by SB

Account Number: 11522

Submitted: 05/07/2005 10:00
Reported: 05/23/2005 at 13:35
Discard: 06/23/2005

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

LAWM3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06056	BTEX+5 Oxygenates by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1
06184	TPH GRO in water by 8260B					
06383	C6-C12-TPH-GRO	n.a.	N.D.	22.	ug/l	1

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06056	BTEX+5 Oxygenates by 8260B	SW-846 8260B	1	05/12/2005 23:09	Emiley A King	1
06184	TPH GRO in water by 8260B	SW-846 8260B	1	05/12/2005 23:09	Emiley A King	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/12/2005 23:09	Emiley A King	n.a.

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Analysis Report

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Lancaster Laboratories Sample No. WW 4520385

MW-4-050505 NA Water
Facility# 91197 MTI# MTCH.91197.08 BTST
8808 Lawerence Welk Dr T0607301337 MW-4
Collected:05/05/2005 15:31 by SB

Account Number: 11522

Submitted: 05/07/2005 10:00
Reported: 05/23/2005 at 13:35
Discard: 06/23/2005

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

LAWM4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06056	BTEX+5 Oxygenates by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1
06184	TPH GRO in water by 8260B					
06383	C6-C12-TPH-GRO	n.a.	N.D.	22.	ug/l	1

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06056	BTEX+5 Oxygenates by 8260B	SW-846 8260B	1	05/12/2005 23:55	Emiley A King	1
06184	TPH GRO in water by 8260B	SW-846 8260B	1	05/12/2005 23:55	Emiley A King	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/12/2005 23:55	Emiley A King	n.a.

Lancaster Laboratories

Analysis Report

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

Lancaster Laboratories Sample No. WW 4520386

MW-5-050505 NA Water
Facility# 91197 MTI# MTCH.91197.08 BTST
8808 Lawerence Welk Dr T0607301337 MW-5
Collected:05/05/2005 16:00 by SB

Account Number: 11522

Submitted: 05/07/2005 10:00
Reported: 05/23/2005 at 13:35
Discard: 06/23/2005

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

LAWM5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06056	BTEX+5 Oxygenates by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	71.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	13.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1
06184	TPH GRO in water by 8260B					
06383	C6-C12-TPH-GRO	n.a.	25.	22.	ug/l	1

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06056	BTEX+5 Oxygenates by 8260B	SW-846 8260B	1	05/13/2005 00:19	Emiley A King	1
06184	TPH GRO in water by 8260B	SW-846 8260B	1	05/13/2005 00:19	Emiley A King	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/13/2005 00:19	Emiley A King	n.a.

Lancaster Laboratories

Analysis Report

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Lancaster Laboratories Sample No. WW 4520387

MW-6-050505 NA Water
Facility# 91197 MTI# MTCH.91197.08 BTST
8808 Lawerence Welk Dr T0607301337 MW-6
Collected:05/05/2005 15:00 by SB

Account Number: 11522

Submitted: 05/07/2005 10:00
Reported: 05/23/2005 at 13:35
Discard: 06/23/2005

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

LAWM6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06056	BTEX+5 Oxygenates by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	14.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1
06184	TPH GRO in water by 8260B					
06383	C6-C12-TPH-GRO	n.a.	N.D.	22.	ug/l	1

State of California Lab Certification No. 2116
Trip blank vials were not received by the laboratory for this sample group.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06056	BTEX+5 Oxygenates by 8260B	SW-846 8260B	1	05/13/2005 00:42	Emiley A King	1
06184	TPH GRO in water by 8260B	SW-846 8260B	1	05/13/2005 00:42	Emiley A King	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/13/2005 00:42	Emiley A King	n.a.

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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco C/O Secor Int.
Reported: 05/23/05 at 01:35 PM

Group Number: 942658

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

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: W051321AA	Sample number(s): 4520382,4520384-4520387							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	104	102	77-127	1	30
di-Isopropyl ether	N.D.	0.5	ug/l	102	101	67-130	1	30
Ethyl t-butyl ether	N.D.	0.5	ug/l	102	100	74-120	1	30
t-Amyl methyl ether	N.D.	0.5	ug/l	102	100	79-113	2	30
t-Butyl alcohol	N.D.	5.	ug/l	92	94	57-141	2	30
Benzene	N.D.	0.5	ug/l	106	103	85-117	3	30
Toluene	N.D.	0.5	ug/l	101	99	85-115	2	30
Ethylbenzene	N.D.	0.5	ug/l	102	98	82-119	4	30
Xylene (Total)	N.D.	0.5	ug/l	102	98	83-113	3	30
C6-C12-TPH-GRO	N.D.	22.	ug/l	100	97	70-130	3	30
Batch number: W051361AA	Sample number(s): 4520383							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	96	95	77-127	2	30
di-Isopropyl ether	N.D.	0.5	ug/l	95	93	67-130	3	30
Ethyl t-butyl ether	N.D.	0.5	ug/l	94	95	74-120	1	30
t-Amyl methyl ether	N.D.	0.5	ug/l	95	93	79-113	3	30
t-Butyl alcohol	N.D.	5.	ug/l	94	94	57-141	0	30
Benzene	N.D.	0.5	ug/l	100	98	85-117	2	30
Toluene	N.D.	0.5	ug/l	100	97	85-115	3	30
Ethylbenzene	N.D.	0.5	ug/l	101	97	82-119	4	30
Xylene (Total)	N.D.	0.5	ug/l	101	97	83-113	3	30
C6-C12-TPH-GRO	N.D.	22.	ug/l	97	94	70-130	2	30

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: W051321AA	Sample number(s): 4520382,4520384-4520387								
Methyl Tertiary Butyl Ether	103		69-134						
di-Isopropyl ether	103		75-130						
Ethyl t-butyl ether	102		78-119						
t-Amyl methyl ether	100		77-117						
t-Butyl alcohol	92		51-147						
Benzene	109		83-128						
Toluene	102		83-127						
Ethylbenzene	103		82-129						
Xylene (Total)	102		82-130						
Batch number: W051361AA	Sample number(s): 4520383								
Methyl Tertiary Butyl Ether	102	100	69-134	2	30				

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

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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco C/O Secor Int. Group Number: 942658
Reported: 05/23/05 at 01:35 PM

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
di-Isopropyl ether	97	97	75-130	1	30				
Ethyl t-butyl ether	99	99	78-119	0	30				
t-Amyl methyl ether	99	95	77-117	4	30				
t-Butyl alcohol	72	76	51-147	5	30				
Benzene	106	102	83-128	4	30				
Toluene	104	101	83-127	2	30				
Ethylbenzene	104	102	82-129	3	30				
Xylene (Total)	103	100	82-130	2	30				

Surrogate Quality Control

Analysis Name: BTEX+5 Oxygenates by 8260B
Batch number: W051321AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4520382	94	88	90	92
4520384	95	89	89	92
4520385	96	88	89	93
4520386	95	90	90	93
4520387	96	88	90	92
Blank	96	88	91	93
LCS	96	91	91	98
LCSD	94	89	92	98
MS	95	88	91	97
Limits:	81-120	82-112	85-112	83-113

Analysis Name: BTEX+5 Oxygenates by 8260B
Batch number: W051361AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4520383	92	88	94	97
Blank	93	89	92	93
LCS	94	91	95	97
LCSD	92	91	94	95
MS	96	93	94	96
MSD	94	91	93	97
Limits:	81-120	82-112	85-112	83-113

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

Account# 11522 Group# 942658 Sample# 4520382-87

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: TO607301337

Chevron Site Number 9-1197

Chevron Site Address: 8808 Lawerence Welk Dr., Escondido

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

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

MT Job No: MTCH.91197.08

Chevron Service Code: *ZZ02800*
X Management Transfer – SO CA Portfolio Job
~~☐ Construction/Retail Job or~~
~~☐ Retail and Terminal Business Unit (RTBU) Job~~

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

Chevron Consultant: SECOR International, Inc.
Address: 2301 Leghorn, Mountain View, CA 94043
Consultant Contact: Maurice Baron
Consultant Phone No. (650) 691-0131
Consultant Project No. MTCH.91197.08
Sampling Company: BTST
Sampled By (Print): Sean Boykin
Sampler Signature: Sean Boykin

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

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

EDF Required?
☑ Yes
☐ No

ANALYSES REQUIRED

Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	Container Type	# of Containers	Preservation	EPA 8015B GRO ☐ DRO ☐ ORO ☐ TPHd ☐ HC Screen ☐	EPA 8021B BTEX ☐ MTBE ☐	EPA 8260B TPH-G ☑ BTEX ☑ MTBE ☐ Oxygenates ☑ HVOC ☐	EPA 6010 CA, FE, K, MG, MN, NA ☐	EPA 6010/7000 TITLE 22 METALS ☐ TTLC ☐ STLC ☐	EPA 150.1 PH ☐	EPA 310.1 ALKALINITY ☐	SM 2510B SPECIFIC CONDUCTIVITY ☐	EPA 418.1 TRPH ☐	EPA 413.1 OIL/GREASES ☐				Notes/Comments
MW-1	W		050505	1523	VOA	4	HCL			X											
MW-2				1555						X											
MW-3				1610						X											
MW-4				1531						X											
MW-5				1600						X											
MW-6				1500						X											

Special Instructions

Temp. Blank Check Time	Temp.
1300	3°C
1600	3°C

Relinquished By	Company	Date/Time:	Relinquished To	Date/Time:	Company
Sean Boykin	BTS	5/5/05 1730		5/5/05 1730	BTS Locked Refrigerator
Sean Boykin	BTS	5/6/05 815		5/6/05 815	Fed EX
			Nathan Chlopf	5/7/05 1000	

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

Sample Integrity: (Check by lab on arrival)
Intact: ✓ On Ice: ✓ Temp 3.9°C

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

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

ppb parts per billion

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

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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

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

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

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SCOPE OF WORK as of 4/19/2005

GROUNDWATER MONITORING AT CHEVRON

SITE ADDRESS: **8808 LAWRENCE WELK DR.**
CITY: **ESCONDIDO**
COUNTY: **SAN DIEGO**

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

Site #: 9-1197
Consultant: SECOR Mountain View
Name: Maurice Baron
Phone: (650)691-0131
Rpt due date:

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

Engineer:
Phone #:

Required regulatory notifications/ cooperative sampling requirements:

Well I.D.	Required Analyses	Sampling Frequency	Sampling Months	Gauging Frequency	Remedial Devices	Notes & Tasks (bail SPH, install skimmer, etc.)
MW-1	**TPH-G, BTEX and OXYGENATES by 8260**	**ANNUAL**	**APRIL**	**ANNUAL**		**HB/FR**
MW-2	**TPH-G, BTEX and OXYGENATES by 8260**	**ANNUAL**	**APRIL**	**ANNUAL**		**HB/FR**
MW-3	**TPH-G, BTEX and OXYGENATES by 8260**	**ANNUAL**	**APRIL**	**ANNUAL**		**HB/FR**
MW-4	**TPH-G, BTEX and OXYGENATES by 8260**	**ANNUAL**	**APRIL**	**ANNUAL**		**HB/FR**
MW-5	**TPH-G, BTEX and OXYGENATES by 8260**	**ANNUAL**	**APRIL**	**ANNUAL**		**HB/FR**
MW-6	**TPH-G, BTEX and OXYGENATES by 8260**	**ANNUAL**	**APRIL**	**ANNUAL**		**HB/FR**

CHANGES AND SPECIAL INSTRUCTIONS:
BOTTLE SET:
-TPH-G, BTEX, Oxygenates - 4 HCL voas

WELL GAUGING DATA

Project # 050505-BS2 Date 5/5/05 Client Chevron

Site 8808 Lawrence Welk Dr. - Escondido

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-1	4					17.15	25.45		
MW-2	4					16.94	24.34		
MW-3	4					14.30	23.02		
MW-4	4					18.10	25.21		
MW-5	4					18.13	23.83		
MW-6	4					17.23	23.83		
~~Ag. Well~~									

SAN DIEGO COUNTY CHEVRON WELL MONITORING DATA SHEET

BTS #: 050505-BS2	Site: 9-1197
Sampler: SB	Date: 5/5/05
Weather: Cloudy	Ambient Air Temperature: 67°F
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 25.45	Depth to Water: 17.15
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.81	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, Fixed Electric Submersible, Variable Electric Submersible, Waterra, Peristaltic, Extraction Pump, Other_____

Sampling Method: Bailer, Disposable Bailer, Extraction Port, Dedicated Tubing, Other:_____

12.4 (Gals.) X 1.5 = 18.6 Gals.
1 Borehole Volume Specified Volumes Calculated Volume

CD	BD	Multiplier	CD	BD	Mulitplier	CD	BD	Multiplier
2"	8"	0.8	4"	8"	1.1	6"	10"	2.1
2"	10"	1.1	4"	10"	1.5	6"	12"	2.6
			4"	12"	2.0			

Assumes 25% borehole porosity
CD = casing diameter BD = borehole diameter

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1413	69.5	7.1	1316	206	12.5	
1415	70.0	6.9	1455	13	19	

Did well dewater? Yes (No) Gallons actually evacuated: 19

Sampling Date: 5/5/05 Sampling Time: 1523 Depth to Water: 17.15

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

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

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

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

SAN DIEGO COUNTY CHEVRON WELL MONITORING DATA SHEET

BTS #: 050505-BS1	Site: 9-1197
Sampler: SB	Date: 5/5/05
Weather: Cloudy	Ambient Air Temperature: 69°F
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 24.34	Depth to Water: 16.94
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.42	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, Fixed Electric Submersible, Variable Electric Submersible, Waterra, Peristaltic, Extraction Pump, Other_____

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

11.1 (Gals.) X 1.5 = 16.6 Gals.
1 Borehole Volume — Specified Volumes — Calculated Volume

CD	BD	Multiplier	CD	BD	Mulitplier	CD	BD	Multiplier
2"	8"	0.8	4"	8"	1.1	6"	10"	2.1
2"	10"	1.1	4"	10"	1.5	6"	12"	2.6
			4"	12"	2.0			

Assumes 25% borehole porosity
CD = casing diameter BD = borehole diameter

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1354	—	well	Dewatered @ 6		gal. —	
1513	70.5	6.6	1613	28	11.5	
1514	— well		Dewatered @ 12		gal. —	
1532	72.0	6.7	1772	18	17	

Did well dewater? (Yes) No Gallons actually evacuated: 17

Sampling Date: 5/5/05 Sampling Time: 1555 Depth to Water: 17.30

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

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

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

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

SAN DIEGO COUNTY CHEVRON WELL MONITORING DATA SHEET

BTS #: 050505 - BS1	Site: 9-1197
Sampler: SB	Date: 5/5/05
Weather: Cloudy	Ambient Air Temperature: 67°F
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 23.02	Depth to Water: 14.30
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 16.04	

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

Sampling Method: ~~Bailer~~ SB / (Disposable Bailer) / Extraction Port / Dedicated Tubing / Other:

13.0 (Gals.) X 1.5 = 19.6 Gals.
1 Borehole Volume — Specified Volumes — Calculated Volume

CD	BD	Multiplier	CD	BD	Mulitplier	CD	BD	Multiplier
2"	8"	0.8	4"	8"	1.1	6"	10"	2.1
2"	10"	1.1	4"	10"	1.5	6"	12"	2.6
			4"	12"	2.0			

Assumes 25% borehole porosity
CD = casing diameter BD = borehole diameter

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1406	—	well	Dewatered	@ 6	gal. —	
1438	67.7	6.7	1888	22	13	
1439	— well	Dewatered	@ 14	gal. —		
1502	67.8	6.8	2010	57	20	

Did well dewater? (Yes) No — Gallons actually evacuated: 20

Sampling Date: 5/5/05 — Sampling Time: 1610 — Depth to Water: 14.30

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

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

EB I.D. (if applicable): @ Time — Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

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

SAN DIEGO COUNTY CHEVRON WELL MONITORING DATA SHEET

BTS #: 050505-BS2	Site: 9-1197
Sampler: SB	Date: 5/5/05
Weather: Cloudy	Ambient Air Temperature: 66°F
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 25.21	Depth to Water: 18.10
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 19.52	

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Fixed Electric Submersible / Variable Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other_____

Sampling Method: Bailer / Disposable Bailer / Extraction Port / Dedicated Tubing / Other:

10.6 (Gals.) X 1.5 = 15.9 Gals.
1 Borehole Volume — Specified Volumes — Calculated Volume

CD	BD	Multiplier	CD	BD	Mulitplier	CD	BD	Multiplier
2"	8"	0.8	4"	8"	1.1	6"	10"	2.1
2"	10"	1.1	4"	10"	1.5	6"	12"	2.6
			4"	12"	2.0			

Assumes 25% borehole porosity
CD = casing diameter BD = borehole diameter

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1422	—	well	Dewatered @		6 gal.	
1427	67.0	6.5	1838	13	11	
1435	67.6	6.4	1847	11	16	

Did well dewater? (Yes) ~~No~~ SB — Gallons actually evacuated: 16

Sampling Date: 5/5/05 Sampling Time: 1531 Depth to Water: 18.15

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

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

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

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

SAN DIEGO COUNTY CHEVRON WELL MONITORING DATA SHEET

BTS #: 050505-BS2	Site: 9-1197
Sampler: SB	Date: 5/5/05
Weather: Cloudy	Ambient Air Temperature: 69°F
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 23.83	Depth to Water: 18.13
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 19.27	

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

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

8.5 (Gals.) X 1.5 = 12.8 Gals.
1 Borehole Volume — Specified Volumes — Calculated Volume

CD	BD	Multiplier	CD	BD	Mulitplier	CD	BD	Multiplier
2"	8"	0.8	4"	8"	1.1	6"	10"	2.1
2"	10"	1.1	4"	10"	1.5	6"	12"	2.6
			4"	12"	2.0			

Assumes 25% borehole porosity
CD = casing diameter BD = borehole diameter

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1345	—	Well Dewatered @ 5 gal. —				
		~~Slow Recharging Well~~ SB				
1400	69.4	6.9	1563	16	8.5	
1505	69.7	6.8	1650	21	13	
~~1545~~ SB						

Did well dewater? (Yes) No — Gallons actually evacuated: ~~8~~ SB 13

Sampling Date: 5/5/05 — Sampling Time: 1600 — Depth to Water: 18.27

Sample I.D.: MW-5 — Laboratory: Del Mar (Other) Lancaster

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

EB I.D. (if applicable): @ Time — Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

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

SAN DIEGO COUNTY CHEVRON WELL MONITORING DATA SHEET

BTS #: 050505-BS2	Site: 9-1197
Sampler: SB	Date: 5/5/05
Weather: Cloudy	Ambient Air Temperature: 66°F
Well I.D.: MW-6	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 23.83	Depth to Water: 17.23
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.55	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, Fixed Electric Submersible, Variable Electric Submersible, Waterra, Peristaltic, Extraction Pump, Other_____

Sampling Method: Bailer, Disposable Bailer, Extraction Port, Dedicated Tubing, Other:

9.9 (Gals.) X 1.5 = 14.8 Gals.
1 Borehole Volume — Specified Volumes — Calculated Volume

CD	BD	Multiplier	CD	BD	Mulitplier	CD	BD	Multiplier
2"	8"	0.8	4"	8"	1.1	6"	10"	2.1
2"	10"	1.1	4"	10"	1.5	6"	12"	2.6
			4"	12"	2.0			

Assumes 25% borehole porosity
CD = casing diameter BD = borehole diameter

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1447	66.8	6.7	1989	40	10	
1448	67.1	6.6	2039	102	15	

Did well dewater? Yes (No) Gallons actually evacuated: 15

Sampling Date: 5/5/05 Sampling Time: 1500 Depth to Water: 18.55

Sample I.D.: MW-6 Laboratory: Del Mar (Other) Lancaster

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

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

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

CHAIN OF CUSTODY FORM

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

Chevron Site Global ID: TC607301337

Chevron Site Number 9-1197

Chevron Site Address: 8808 Lawerence Welk Dr., Escondido

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

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

MT Job No: MTCH.91197.08

Chevron Service Code: *ZZ02800*
X Management Transfer – SO CA Portfolio Job
~~☐ Construction/Retail Job or~~
~~☐ Retail and Terminal Business Unit (RTBU) Job~~

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

Chevron Consultant: SECOR International, Inc.
Address: 2301 Leghorn, Mountain View, CA 94043
Consultant Contact: Maurice Baron
Consultant Phone No. (650) 691-0131
Consultant Project No. MTCH.91197.08
Sampling Company: BTST
Sampled By (Print): Sean Boykin
Sampler Signature: Sean Boykin

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

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

EDF Required?
☑ Yes
☐ No

ANALYSES REQUIRED

SAMPLE ID: Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	Container Type	# of Containers	Preservation	EPA 8015B GRO ☐ DRO ☐ ORO ☐ TPHd ☐ HC SCREEN ☐	EPA 8021B BTEX ☐ MTBE ☐	EPA 8260B TPH-G ☑ BTEX ☑ MTBE ☐ OXYGENATES ☑ HVOC ☐	EPA 6010 CA, FE, K, MG, MN, NA ☐	EPA 6010/7000 TITLE 22 METALS ☐ TTLC ☐ STLC ☐	EPA 150.1 PH ☐ EPA 310.1 ALKALINITY ☐	SM 2510B SPECIFIC CONDUCTIVITY ☐	EPA 418.1 TRPH ☐ EPA 413.1 OIL/GREASES ☐				Notes/Comments
MW-1	W		050505	1523	VOA	4	HCL			X									
MW-2	↓		↓	1555	↓	↓	↓			X									
MW-3	↓		↓	1610	↓	↓	↓			X									
MW-4	↓		↓	1531	↓	↓	↓			X									
MW-5	↓		↓	1600	↓	↓	↓			X									
MW-6	↓		↓	1500	↓	↓	↓			X									

Special Instructions

Temp. Blank Check

Time	Ter
1300	3°C
1600	3°C

Relinquished By	Company	Date/Time:	Relinquished To	Company
Sean Boykin	BTS	5/5/05 1730	Date/Time: 5/5/05 1730	BTS Locked Refrigerator
Relinquished By	Company	Date/Time:	Relinquished To Date/Time:	Company
Relinquished By	Company	Date/Time:	Relinquished To Date/Time:	Company

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

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

WELLHEAD INSPECTION CHECKLIST

Client: Chevron Date: 5/5/05

Site Address: 8808 Lawrence Welk Dr. - Escondido

Job Number: 050505-B52 Technician: SB

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
MW-1	X							
MW-2	X							
MW-3	X							
MW-4	X							
MW-5	X							
MW-6	X							

NOTES:

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

SOURCE RECORD **BILL OF LADING**

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

The contractor performing this work is BLAINE TECH SERVICES, INC. (BLAINE), 5482 Complex St., Suite 111 San Diego, CA 92123 (phone [310] 885-4455). Blaine Tech Services, Inc. is authorized by CHEVRON PRODUCTS COMPANY to recover, collect, apportion into loads, and haul the Non-Hazardous Well Purgewater that is drawn from wells at the CHEVRON facility indicated below and to deliver that purgewater to BLAINE. Transport routing of the Non-Hazardous Well Purgewater may be direct from one Chevron facility to BLAINE; from one Chevron facility to BLAINE via another Chevron facility; or any combination thereof. The Non-Hazardous Well Purgewater is and remains the property of Chevron Products Company.

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

9-1197
CHEVRON #

8808	Lawrence Welk Dr.	Escondido	CA
street number	street name	city	state

WELL I.D.	GALS.	WELL I.D.	GALS.
MW-1	19		
MW-2	17		
MW-3	20		
MW-4	16		
MW-5	13		
MW-6	15		

added equip. rinse water 20

any other adjustments

TOTAL GALS. RECOVERED 120

loaded onto BTS vehicle # 54

BTS event # 050505-BS2 time 1630 date 5/5/05

signature Sean Boyle

* *

REC'D AT BTS time 1730 date 5/5/05

unloaded by signature Sean Boyle

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME Chevron 9-1197				PROJECT NUMBER 050505-BS2			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
Ultrameter	609552	~~1400~~ SB 1300	pH 4, 7, 10 cond 3900	4, 7, 10 3900	yes	69.5	SB

DATE: July 21, 2005

CHEVRONTEXACO ANNUAL GROUNDWATER MONITORING REPORT (CONT'D)
Former Chevron 9-1197, 8808 Lawrence Welk Drive, Escondido, CA

MONITORING WELL PURGING AND GROUNDWATER 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.

DATE: July 21, 2005

CHEVRONTEXACO ANNUAL GROUNDWATER MONITORING REPORT (CONT'D)
Former Chevron 9-1197, 8808 Lawrence Welk Drive, Escondido, CA

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.

When requested by the client, collect the bailer rinsate blank of deionized water to check decontamination procedure. In addition, trip blanks prepared by the laboratory and kept with the samples may be included to check for cross contamination of samples within the cooler. Additional and/or alternate QA/QC samples can be collected and analyzed upon client request.