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ATLANTIC RICHFIELD COMPANY QUARTERLY REPORT
Quarter 1, 2005 (April 15, 2005)

Station No:	5041	Address:	6801 Reseda Blvd.; Reseda, CA

Atlantic Richfield Company Environmental Engineer/Phone No.:	Mr. Ray Vose / (818) 957-1755
Consulting Co./Contact Person/Phone No.:	SECOR / Mr. Andrew Modugno, R.G. /805 230-1266 Ext. 237
SECOR Project No.:	37BP.U5041.02
Primary Agency/Regulatory ID No.:	CRWQCB/Los Angeles Region / Mr. Nhan Bao/ # 91335056
Other Agencies to Receive Copies:	N/A

WORK PERFORMED THIS QUARTER [First - 2005]:

1. Conducted quarterly groundwater sampling and prepared Quarterly Status Report.

WORK PROPOSED NEXT QUARTER [Second - 2005]:

1. Conduct quarterly groundwater sampling and prepare Quarterly Status Report.
2. Continue Passive Bioremediation as necessary.

Current Phase of Project:	Monitoring	(Assmnt, Remed. etc.)
Frequency of Sampling:	Quarterly	(Quarterly, etc.)
Frequency of Monitoring:	Quarterly	(Monthly, etc.)
Is Separate Phase Hydrocarbon Present:	No	(Yes/No)
Cumulative SPH Recovered to Date:	None	(gallons)
SPH Recovered this Quarter:	None	(gallons)
Bulk Soil Removed to Date:	Unknown	(cubic yards)
Bulk Soil Removed this Quarter:	None	(cubic yards)
Water Wells or Surface Waters w/i 2000': Radius & Their Respective Directions:	Well #3650D 2,435' West of Site	(Distance and Direction)
Current Remediation Techniques:	None	(SVES, SPH Removal, etc.)
Permits for Discharge:	N/A	(NPDES, POTW, etc.)
Approximate Depth to Groundwater	Range: 16.86 to 18.48	(Measured Feet)
Groundwater Gradient:	Southeast	(Direction)
	0.004 feet/foot	(Magnitude)

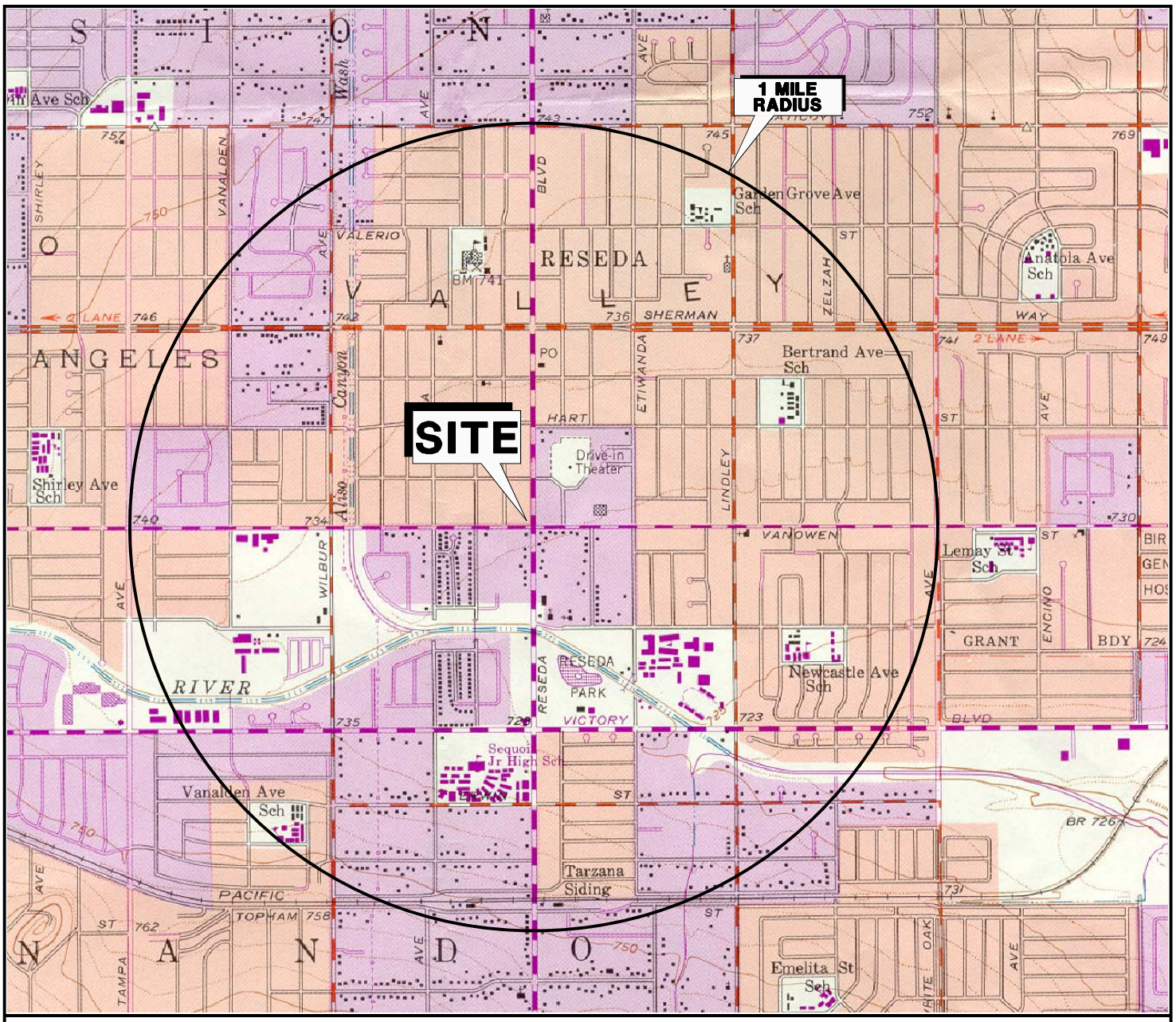
REGISTERED GEOLOGIST
ANDREW JAMES MODUGNO
No. 7036
Exp 8/31/05
STATE OF CALIFORNIA

Agency Directive Requirements: None

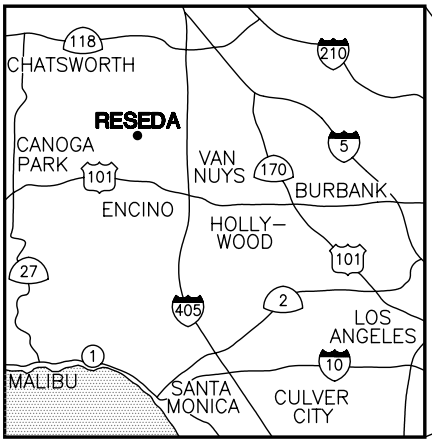
ATTACHED:

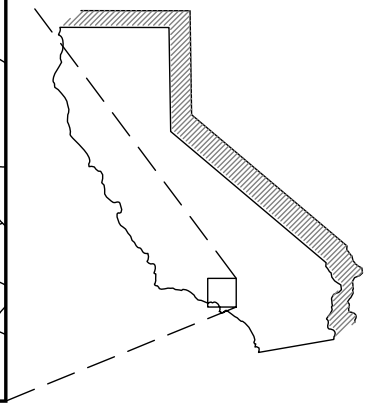
- Figure 1 - Site Location Map
- Figure 2 - Groundwater Contour and Hydrocarbon Concentration Map
- Figure 3 - Site Map Showing Remediation/Monitoring Well Locations
- Figure 4 - GRO Isoconcentration Map
- Figure 5 - Benzene Isoconcentration Map
- Figure 6 - MTBE Isoconcentration Map
- Figure 7 - TBA Isoconcentration Map
- Table 1 - Historical Groundwater Analytical and Elevation Results
- Appendix A - Laboratory Report and Chain of Custody
- Appendix B - Groundwater Sampling Data Sheets
- Appendix C - Waste Disposal Documents

FIGURES



SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAP, CANOGA PARK QUADRANGLE, 1952
PHOTOREVISED 1967





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APPROXIMATE SCALE IN FEET

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STATION NO. 5041
6801 RESEDA BOULEVARD
RESEDA, CALIFORNIA

SITE LOCATION MAP

FIGURE: **1**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
37BP.U5041.07/4143	RLE	L Moreno	Andrew Modugno	04/15/05

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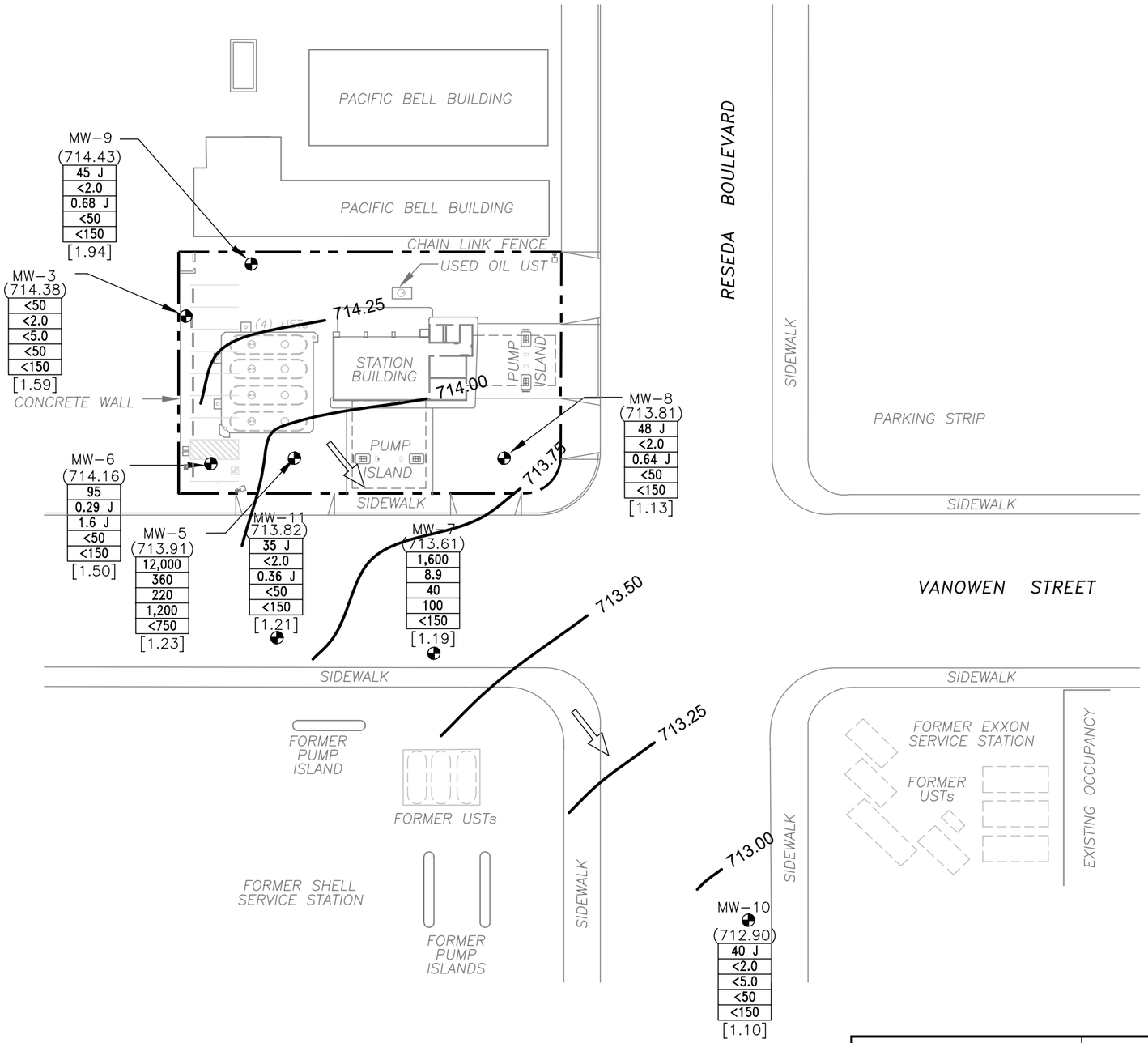

LEGEND

— — —	SITE PROPERTY LINE
MW-11	GROUNDWATER MONITORING WELL LOCATIONS
(713.82)	GROUNDWATER ELEVATION (Feet above mean sea level)
	GROUNDWATER ELEVATION CONTOUR LINE
	GROUNDWATER FLOW DIRECTION
GRO, BENZ, MTBE, TBA, ETHANOL	GASOLINE RANGE ORGANICS (C4–C12), BENZENE, METHYL TERTIARY BUTYL ETHER, TERTIARY BUTANOL, AND ETHANOL PER LITER (μg/L)
[1.21]	DISSOLVED–OXYGEN CONCENTRATIONS IN GROUNDWATER
(J)	ESTIMATED VALUE; BELOW LABORATORY REPORTING LIMIT AND ABOVE THE METHOD DETECTION LIMIT

NOTES:

1. WELL LOCATIONS SURVEYED ON FEBRUARY 4, 2003 BY AZIMUTH GROUP SITE FEATURES AND LOCATIONS ARE APPROXIMATE.
2. GROUNDWATER MONITORING WELLS GAUGED AND SAMPLED ON MARCH 10, 2005

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GROUNDWATER CONTOUR AND HYDROCARBON CONCENTRATION MAP

FIGURE: **2**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
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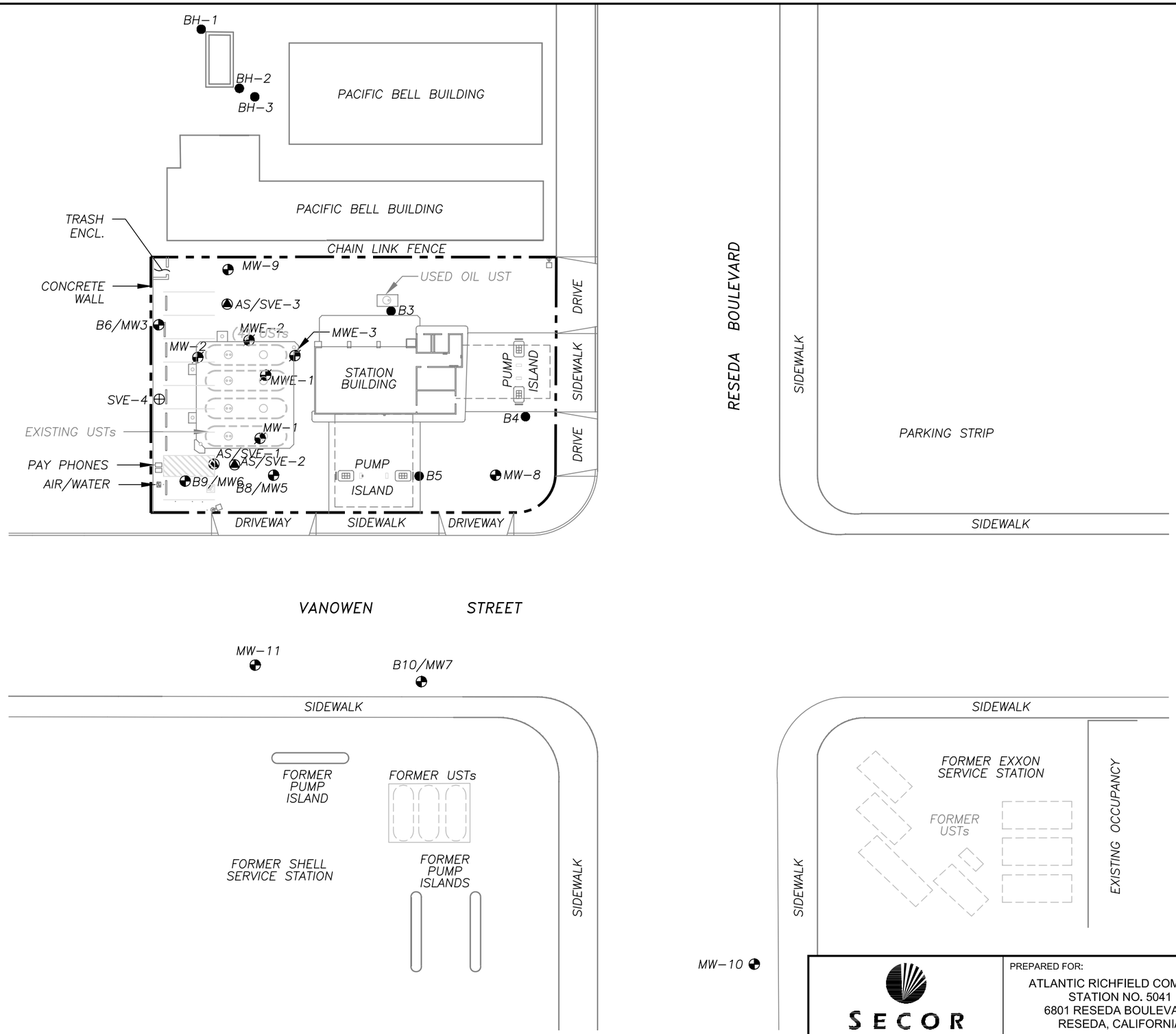

LEGEND

— — — —	SITE PROPERTY LINE
MW-11	GROUNDWATER MONITORING WELL LOCATIONS
MWE-3	ABANDONED GROUNDWATER MONITORING WELL LOCATIONS
AS/SVE-4	AIR SPARGE/VAPOR EXTRACTION WELL LOCATIONS
SVE-4	VAPOR EXTRACTION WELL LOCATION
B5	SOIL BORING LOCATIONS

NOTES:

1. WELL LOCATIONS SURVEYED ON FEBRUARY 4, 2003 BY AZIMUTH GROUP SITE FEATURES AND LOCATIONS ARE APPROXIMATE.

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SITE MAP SHOWING REMEDIATION/MONITORING WELL LOCATIONS

FIGURE: **3**

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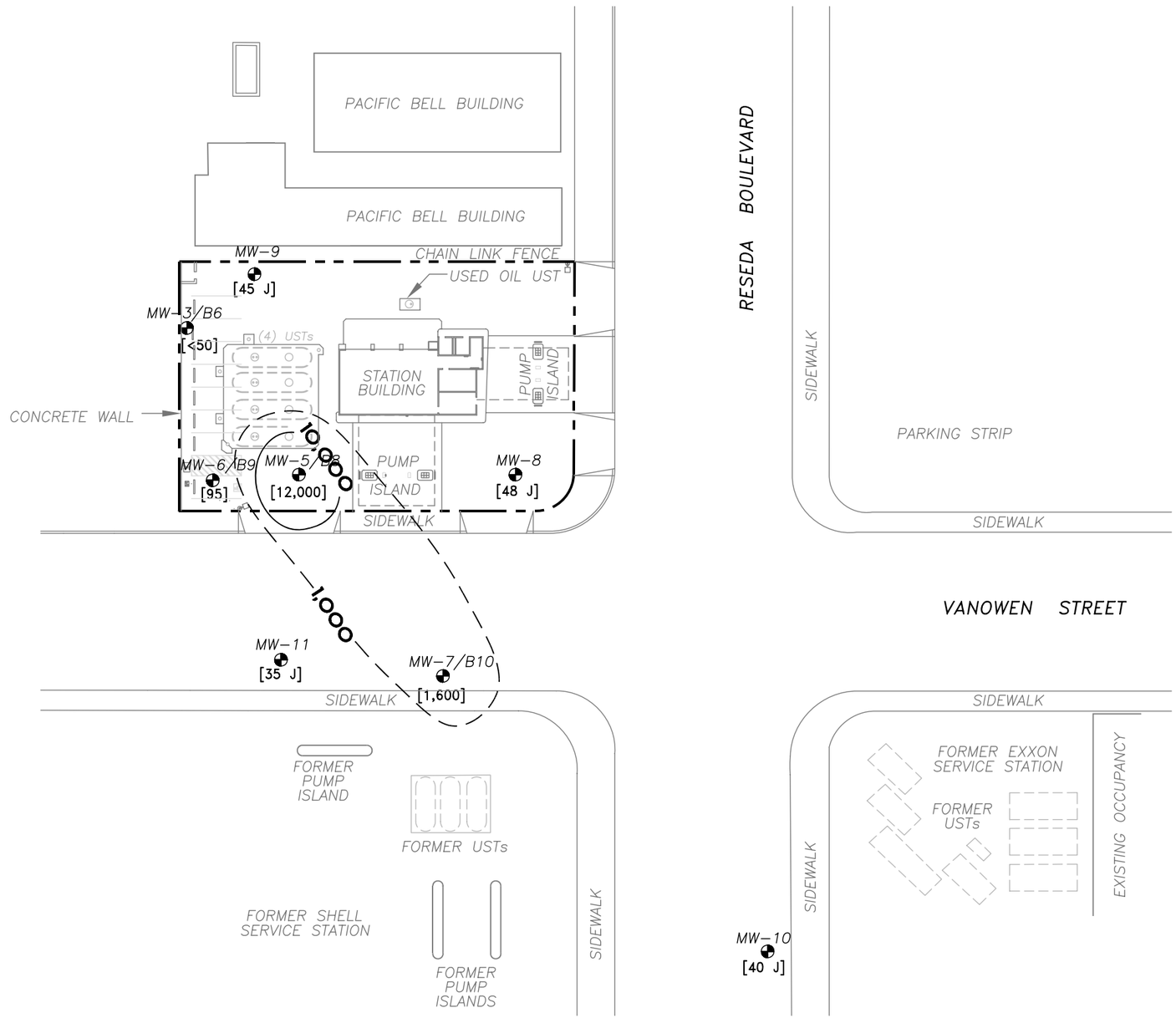

LEGEND

- SITE PROPERTY LINE
- MW-11 — GROUNDWATER MONITORING WELL LOCATIONS
- [GRO] — GASOLINE RANGE ORGANICS (C4–C12) CONCENTRATIONS IN MICROGRAMS PER LITER (μg/L)
- GRO ISOCONCENTRATION CONTOUR LINE (DASHED WHERE INFERRED)
- (J) — ESTIMATED VALUE; BELOW LABORATORY REPORTING LIMIT AND ABOVE THE METHOD DETECTION LIMIT

NOTES:

1. WELL LOCATIONS SURVEYED ON FEBRUARY 4, 2003 BY AZIMUTH GROUP SITE FEATURES AND LOCATIONS ARE APPROXIMATE.
2. GROUNDWATER MONITORING WELLS GAUGED AND SAMPLED ON MARCH 10, 2005

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GRO ISOCONCENTRATION MAP

FIGURE: **4**

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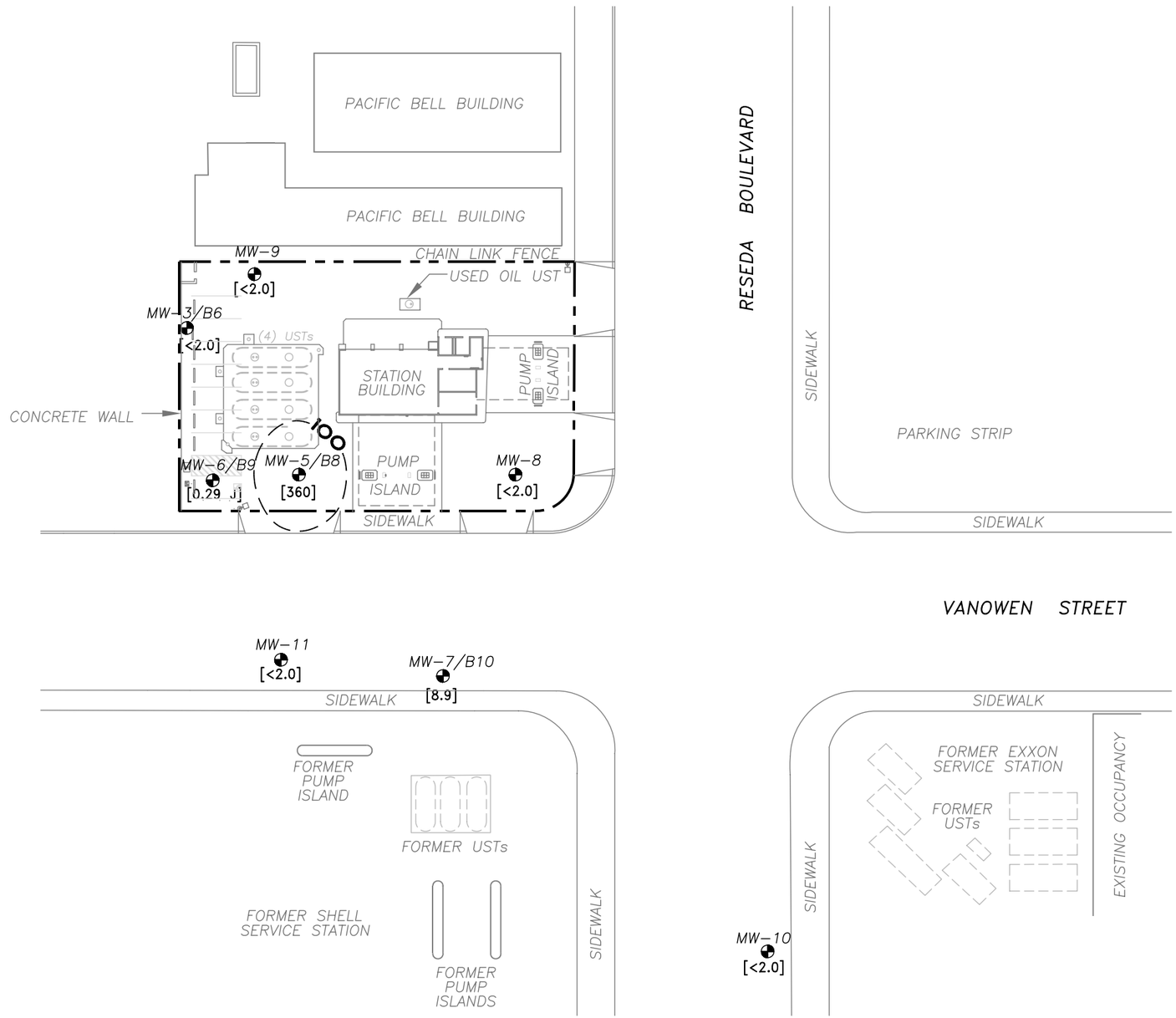

LEGEND

- SITE PROPERTY LINE
- MW-11 — GROUNDWATER MONITORING WELL LOCATIONS
- [BENZ] — BENZENE CONCENTRATIONS IN MICROGRAMS PER LITER (μg/L)
- BENZENE ISOCONCENTRATION CONTOUR LINE (DASHED WHERE INFERRED)
- (J) — ESTIMATED VALUE; BELOW LABORATORY REPORTING LIMIT AND ABOVE THE METHOD DETECTION LIMIT

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BENZENE ISOCONCENTRATION MAP

FIGURE: **5**

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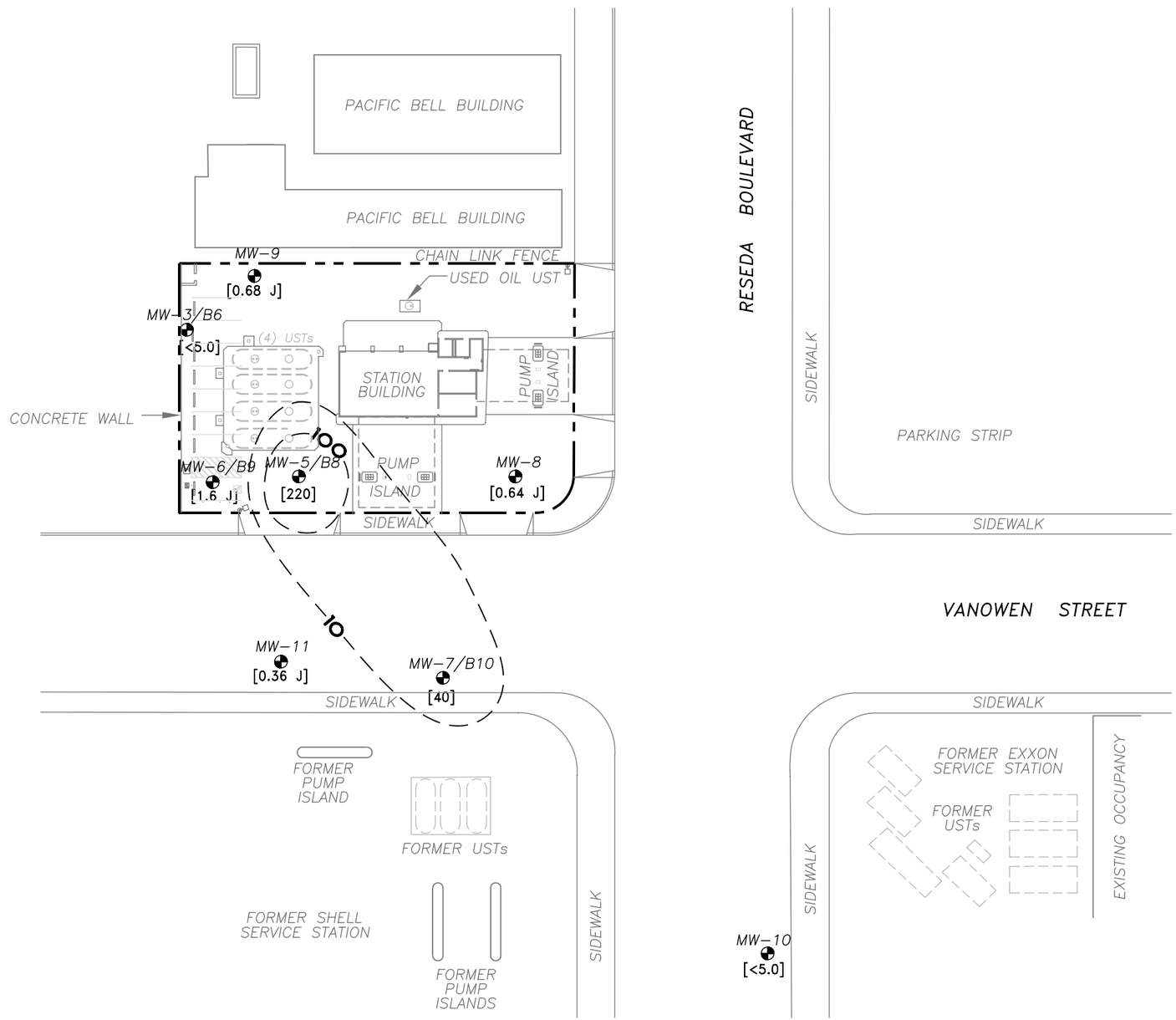

LEGEND

- SITE PROPERTY LINE
- MW-11 — GROUNDWATER MONITORING WELL LOCATIONS
- [MTBE] — MTBE CONCENTRATIONS IN MICROGRAMS PER LITER (µg/L)
- MTBE ISOCONCENTRATION CONTOUR LINE (DASHED WHERE INFERRED)
- (J) — ESTIMATED VALUE; BELOW LABORATORY REPORTING LIMIT AND ABOVE THE METHOD DETECTION LIMIT

NOTES:

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MTBE ISOCONCENTRATION MAP

FIGURE: **6**

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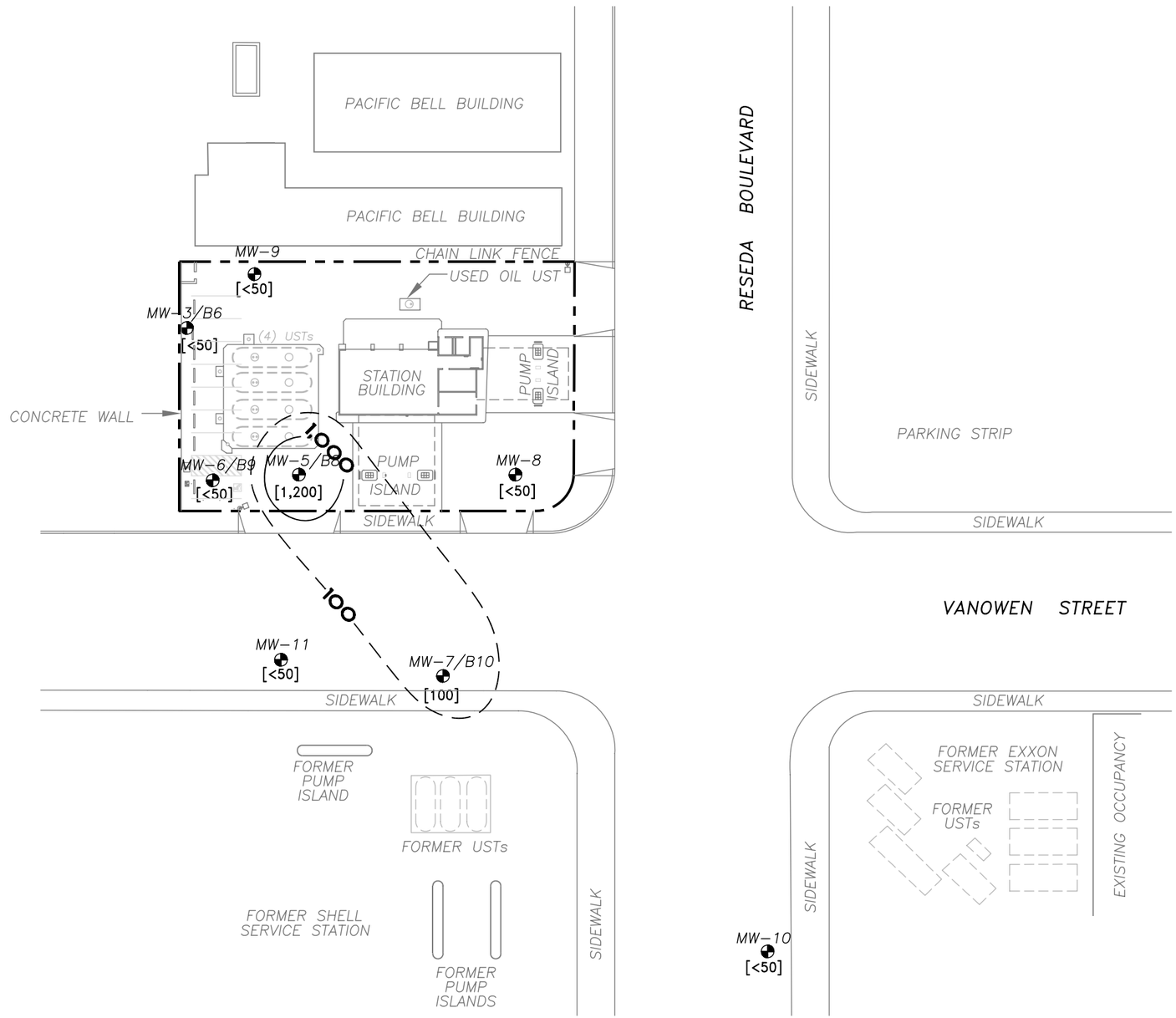

LEGEND

- SITE PROPERTY LINE
- MW-11 — GROUNDWATER MONITORING WELL LOCATIONS
- [TBA] — TERTIARY BUTANOL CONCENTRATIONS IN MICROGRAMS PER LITER (µg/L)
- TBA ISOCONCENTRATION CONTOUR LINE (DASHED WHERE INFERRED)
- (J) — ESTIMATED VALUE; BELOW LABORATORY REPORTING LIMIT AND ABOVE THE METHOD DETECTION LIMIT

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TBA ISOCONCENTRATION MAP

FIGURE: **7**

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37BP.U5041.07/4143	RLE	L. Moreno	Andrew Modugno	04/15/05

TABLES

TABLE 1
Summary of Groundwater Analytical & Elevation Results
ARCO Station No. 5041
6801 Reseda Boulevard, Reseda, California

Well No.	Date	Notes	TOC Elevation (ft-MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (ft-MSL)	GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	Sample ID	Comments
MW-3	10/28/92		732.65	22.04	0.00	710.61	2,200	10	0.70	1.2	5.0	-	-	-	-	-	-	MW-3	
	01/27/93			21.24	0.00	711.41	3,000	82	5.9	4.4	9.4	-	-	-	-	-	-	MW-3	
	05/05/93			19.57	0.00	713.08	2.5	2.0	-	2.0	4.0	-	-	-	-	-	-	MW-3	
	08/10/93			21.40	0.00	711.25	740	2.0	1.0	3.0	5.0	-	-	-	-	-	-	MW-3	
	12/08/93			22.06	0.00	710.59	510	1.8	2.4	1.6	4.2	-	-	-	-	-	-	MW-3	
	02/10/94			22.09	0.00	710.56	570	1.4	-	-	-	-	-	-	-	-	-	MW-3	
	04/28/94			22.02	0.00	710.63	400	-	-	-	-	-	-	-	-	-	-	MW-3	
	07/28/94			22.58	0.00	710.07	640	2.2	0.51	0.87	0.80	-	-	-	-	-	-	MW-3	
	10/24/94			22.54	0.00	710.11	91	<0.30	<0.30	<0.30	<0.60	-	-	-	-	-	-	MW-3	
	03/24/95			20.01	0.00	712.64	930	4.1	0.90	1.4	2.6	-	-	-	-	-	-	MW-3	
	06/01/95			20.03	0.00	712.62	410	<0.50	<0.50	0.96	1.6	-	-	-	-	-	-	MW-3	
	08/30/95			21.56	0.00	711.09	120	<0.50	<0.50	<0.50	<1.0	-	-	-	-	-	-	MW-3	
	10/30/95			22.19	0.00	710.46	82	<0.5	0.60	<0.5	<1.5	-	-	-	-	-	-	MW-3	
	01/22/96			22.37	0.00	710.28	<50	<0.5	<0.5	<0.5	<1.0	-	-	-	-	-	-	MW-3	
	04/16/96			21.85	0.00	710.80	420	<0.5	<0.5	0.90	2.9	<10	-	-	-	-	-	MW-3	
	08/15/96			22.86	0.00	709.79	94	<0.5	<0.5	<0.5	<1.0	72	-	-	-	-	-	MW-3	
	11/04/96			23.38	0.00	709.27	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-3	
	03/25/97			22.16	0.00	710.49	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-3	
	06/10/97	NP		22.75	0.00	709.90	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-3pre	
	06/10/97			-	-	-	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-3post	
	08/12/97			23.32	0.00	709.33	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-3	
	12/23/97			23.26	0.00	709.39	<50	<0.3	<0.3	<0.3	<0.6	<10	-	-	-	-	-	MW-3	
	03/05/98			19.82	0.00	712.83	280	<0.3	<0.3	0.61	<0.6	<10	-	-	-	-	-	MW-3	
	06/25/98			19.63	0.00	713.02	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-3	
	09/01/98			20.77	0.00	711.88	120	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-3	
	11/10/98			21.46	0.00	711.19	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-3	
	03/02/99			21.81	0.00	710.84	59	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-3	
	04/30/99			21.58	0.00	711.07	81	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-3	
	08/19/99			22.35	0.00	710.30	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-3	
	10/21/99			22.80	0.00	709.85	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-3	
	02/16/00			22.68	0.00	709.97	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	-	MW-3	
	05/26/00			21.95	0.00	710.70	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	-	MW-3	
	08/18/00			22.93	0.00	709.72	<50	<2.0	<2.0	<2.0	<4.0	2.4 J	<50	<5.0	<5.0	<5.0	-	MW-3	
	10/26/00			22.71	0.00	709.94	50	<0.30	<0.30	<0.30	<0.60	4.0 J	<50	<5.0	<5.0	<5.0	-	MW-3	
	02/06/01			22.55	0.00	710.10	11 J	<0.30	<0.30	<0.30	<0.60	2.7 J	<25	<5.0	<5.0	<5.0	-	MW-3	
	04/30/01			21.22	0.00	711.43	<100	<0.30	<0.30	<0.30	<0.60	<5.0	<50	<5.0	<5.0	<5.0	-	MW-3	
	08/08/01			22.16	0.00	710.49	36 J	<0.30	<0.30	0.11 J	<0.60	3.2 J	<50	<5.0	<5.0	<5.0	-	MW-3	
	11/15/01			23.06	0.00	709.59	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<5.0	-	MW-3	
	02/14/02			23.10	0.00	709.55	<100	<5.0	<5.0	<5.0	<5.0	2.0 J	<25	<5.0	<5.0	<5.0	-	MW-3	
	05/03/02			23.37	0.00	709.28	40 J	<2.0	0.15 J	<2.0	<4.0	1.9 J	<50	<5.0	<5.0	<5.0	-	MW-3	

TABLE 1
Summary of Groundwater Analytical & Elevation Results
ARCO Station No. 5041
6801 Reseda Boulevard, Reseda, California

Well No.	Date	Notes	TOC Elevation (ft-MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (ft-MSL)	GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	Sample ID	Comments
MW-3	07/12/02		732.65	23.73	0.00	708.92	89	0.40 J	<2.0	8.7	2.0 J	2.2 J	<50	<5.0	<5.0	<5.0	-	MW-3	
	12/06/02			24.26	0.00	708.39	44 J	<2.0	<2.0	<2.0	<4.0	3.1 J	<50	<5.0	<5.0	<5.0	-	MW-3	
	03/11/03		732.64	23.27	0.00	709.37	48 J	<2.0	<2.0	<2.0	<4.0	2.4 J	<50	<5.0	<5.0	<5.0	<150	MW-3	
	04/09/03			23.00	0.00	709.64	42 J	<2.0	<2.0	<2.0	<4.0	2.6 J	<50	<5.0	<5.0	<5.0	<150	MW-3	
	07/07/03			22.77	0.00	709.87	43 J	<2.0	<2.0	<2.0	<4.0	2.3 J	<50	<5.0	<5.0	<5.0	<150	MW-3	
	11/06/03			23.84	0.00	708.80	51	<2.0	<2.0	<2.0	<4.0	2.4 J	<50	<5.0	<5.0	<5.0	<150	MW-3	
	01/26/04			23.80	0.00	708.84	47 J	<2.0	<2.0	<2.0	<4.0	1.6 J	<50	<5.0	<5.0	<5.0	<150	MW-3	
	04/20/04			23.31	0.00	709.33	45 J	<2.0	<2.0	<2.0	<4.0	0.94 J	<50	<5.0	<5.0	<5.0	<150	MW-3	
	07/19/04			24.13	0.00	708.51	61	<2.0	<2.0	<2.0	<4.0	1.2 J	<50	<5.0	<5.0	<5.0	<150	MW-3	
	10/07/04			24.63	0.00	708.01	98	<2.0	<2.0	<2.0	<4.0	0.90 J	<50	<5.0	<5.0	<5.0	<150	MW-3	
	03/10/05			18.26	0.00	714.38	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<150	MW-3	

TABLE 1
Summary of Groundwater Analytical & Elevation Results
ARCO Station No. 5041
6801 Reseda Boulevard, Reseda, California

Well No.	Date	Notes	TOC Elevation (ft-MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (ft-MSL)	GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	Sample ID	Comments
MW-5	10/28/92	NS	731.99	22.65	0.00	709.34	-	-	-	-	-	-	-	-	-	-	-	-	
	01/27/93			20.91	0.00	711.08	5,900	880	530	120	890	-	-	-	-	-	-	MW-5	
	05/05/93			19.19	0.00	712.80	5.2	650	230	110	450	-	-	-	-	-	-	MW-5	
	08/10/93			20.70	0.00	711.29	47,000	5,600	3,200	1,300	4,500	-	-	-	-	-	-	MW-5	
	12/08/93			21.62	0.00	710.37	40,000	8,700	3,000	1,200	3,600	-	-	-	-	-	-	MW-5	
	02/10/94			21.66	0.00	710.33	34,000	5,200	2,200	800	3,300	-	-	-	-	-	-	MW-5	
	04/28/94			21.59	0.00	710.40	22,000	5,700	2,200	770	3,400	-	-	-	-	-	-	MW-5	
	07/28/94			22.15	0.00	709.84	87,000	12,000	6,500	2,300	11,000	-	-	-	-	-	-	MW-5	
	10/24/94			22.17	0.00	709.82	62,000	8,900	8,800	2,300	6,200	-	-	-	-	-	-	MW-5	
	03/08/95			19.54	0.00	712.45	66,000	9,800	5,600	2,100	9,700	-	-	-	-	-	-	MW-5	
	06/01/95			19.99	0.00	712.00	68,000	13,000	8,300	2,900	13,000	-	-	-	-	-	-	MW-5	
	08/30/95			21.14	0.00	710.85	8,400	1,700	860	360	1,600	-	-	-	-	-	-	MW-5	
	10/30/95			21.79	0.00	710.20	55,000	13,000	7,200	2,700	13,000	-	-	-	-	-	-	MW-5	
	01/22/96			21.90	0.00	710.09	34,000	4,400	2,500	1,400	5,500	-	-	-	-	-	-	MW-5	
	04/16/96			21.42	0.00	710.57	62,000	10,000	5,000	2,200	10,000	11,000	-	-	-	-	-	MW-5	
	08/15/96			22.45	0.00	709.54	36,000	7,900	3,000	2,100	9,300	3,300	-	-	-	-	-	MW-5	
	11/04/96			22.96	0.00	709.03	52,000	7,400	3,400	2,500	9,700	5,300	-	-	-	-	-	MW-5	
	03/25/97			21.74	0.00	710.25	16,000	1,800	670	550	2,300	1,300	-	-	-	-	-	MW-5	
	06/10/97	NP		22.33	0.00	709.66	87,000	10,000	2,800	2,400	12,000	5,800	-	-	-	-	-	MW-5pre	
	06/10/97			-	-	-	5,600	660	200	170	790	400	-	-	-	-	-	MW-5post	
	08/12/97			22.91	0.00	709.08	30,000	3,100	1,100	890	4,300	1,800	-	-	-	-	-	MW-5	
	12/23/97			22.81	0.00	709.18	2,800	3,200	3,700	970	4,600	1,500	-	-	-	-	-	MW-5	
	03/05/98			19.60	0.00	712.39	53,000	7,800	8,200	3,000	15,000	2,800	-	-	-	-	-	MW-5	
	06/25/98			19.23	0.00	712.76	23,000	3,600	2,500	1,300	6,300	2,700	-	-	-	-	-	MW-5	
	09/01/98			20.32	0.00	711.67	45,000	6,400	3,300	2,400	12,000	4,900	-	-	-	-	-	MW-5	
	11/10/98			21.03	0.00	710.96	57,000	6,900	2,800	2,500	12,000	6,000	-	-	-	-	-	MW-5	
	03/02/99			21.34	0.00	710.65	46,000	7,400	3,000	2,800	13,000	5,900	-	-	-	-	-	MW-5	
	04/30/99			21.18	0.00	710.81	57,000	8,100	3,100	3,000	14,000	4,900	-	-	-	-	-	MW-5	
	08/19/99			21.91	0.00	710.08	49,000	8,000	2,600	3,100	14,000	4,700	-	-	-	-	-	MW-5	
	10/21/99			22.36	0.00	709.63	68,000	6,900	2,500	2,800	13,000	5,700	-	-	-	-	-	MW-5	
	02/16/00			22.45	0.00	709.54	210	190	80	100	420	140	<500	<50	<50	<50	-	MW-5	
	05/26/00			21.55	0.00	710.44	3,200	510	140	240	1,100	410	<250	<25	<25	<25	-	MW-5	
	08/18/00			22.50	0.00	709.49	27,000	3,200	770	1,700	7,900	2,300	620	<25	<25	<25	-	MW-5	
	10/26/00			22.14	0.00	709.85	4,600	530	100	260	990	490	<500	<50	<50	<50	-	MW-5	
	02/06/01			22.16	0.00	709.83	1,700	200	44	110	410	45	<25	<5.0	<5.0	<5.0	-	MW-5	
	04/30/01			20.80	0.00	711.19	11,000	1,400	450	680	2,500	1,000	440	<20	<20	<20	-	MW-5	
	08/08/01			21.78	0.00	710.21	8,000	1,100	150	540	2,100	1,200	300	<5.0	<5.0	0.72 J	-	MW-5	
	11/15/01			22.65	0.00	709.34	5,700	740	110	500	1,700	1,000	250 J	<50	<50	<50	-	MW-5	
	02/14/02			22.71	0.00	709.28	6,000	750	110 J	460	1,600	400	210 J	<50	<50	<50	-	MW-5	
	05/03/02			22.94	0.00	709.05	3,500	430	39	310	750	270	330	<5.0	<5.0	<5.0	-	MW-5	

TABLE 1
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ARCO Station No. 5041
6801 Reseda Boulevard, Reseda, California

Well No.	Date	Notes	TOC Elevation (ft-MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (ft-MSL)	GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	Sample ID	Comments
MW-5	07/12/02	SPH	731.99	23.33	Sheen	708.66	-	-	-	-	-	-	-	-	-	-	-	-	
	12/06/02			23.93	0.01	708.07	270,000	530	210	860	3,800	240	510	<50	<50	<50	-	MW-5	
	03/11/03	SPH	731.93	22.88	Sheen	709.05	-	-	-	-	-	-	-	-	-	-	-	-	
	04/09/03	SPH		22.50	Sheen	709.43	-	-	-	-	-	-	-	-	-	-	-	-	
	07/07/03			22.45	0.00	709.48	6,700	860	110	540	2,000	720	530	<50	<50	<50	<1,500	MW-5	
	11/06/03			23.47	0.00	708.46	3,100	530	54	400	1,200	230	370 J	<50	<50	<50	<1,500	MW-5	
	01/26/04			23.48	0.00	708.45	5,800	690	42	420	990	530	930	<50	<50	<50	<1,500	MW-5	
	04/20/04			22.93	0.00	709.00	2,100	270	11	190	320	220	440	<20	<20	<20	<600	MW-5	
	07/19/04			23.72	0.00	708.21	1,900	300	8.4	200	210	260	590	<12	<12	<12	<380	MW-5	
	10/07/04			24.15	0.00	707.78	4,400	380	30	320	800	110	200 J	<25	<25	<25	<750	MW-5	
	03/10/05			18.02	0.00	713.91	12,000	360	3.8 J	550	390	220	1,200	<25	<25	<25	<750	MW-5	

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Well No.	Date	Notes	TOC Elevation (ft-MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (ft-MSL)	GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	Sample ID	Comments
MW-6	10/28/92	NS	731.69	22.24	0.00	709.45	-	-	-	-	-	-	-	-	-	-	-	MW-6	
	01/27/93			20.49	0.00	711.20	3,600	370	150	130	370	-	-	-	-	-	-	MW-6	
	05/05/93			18.80	0.00	712.89	0.20	25	7.0	5.0	12	-	-	-	-	-	-	MW-6	
	08/10/93			20.55	0.00	711.14	10,000	2,000	780	630	1,100	-	-	-	-	-	-	MW-6	
	12/08/93			21.25	0.00	710.44	10,000	2,100	530	540	770	-	-	-	-	-	-	MW-6	
	02/10/94			21.30	0.00	710.39	11,000	2,500	570	560	820	-	-	-	-	-	-	MW-6	
	04/28/94			21.20	0.00	710.49	8,000	2,100	810	490	1,300	-	-	-	-	-	-	MW-6	
	07/28/94			21.78	0.00	709.91	6,600	750	260	280	500	-	-	-	-	-	-	MW-6	
	10/24/94			21.77	0.00	709.92	5,100	660	260	410	680	-	-	-	-	-	-	MW-6	
	03/08/95			21.04	0.00	710.65	7,100	760	220	470	780	-	-	-	-	-	-	MW-6	
	06/01/95			19.59	0.00	712.10	5,700	720	120	340	510	-	-	-	-	-	-	MW-6	
	06/01/95	DUP		-	-	-	5,900	860	140	390	580	-	-	-	-	-	-	MW-99	
	08/30/95			20.65	0.00	711.04	2,500	240	39	160	230	-	-	-	-	-	-	MW-6	
	08/30/95	DUP		-	-	-	2,500	280	46	180	250	-	-	-	-	-	-	MW-99	
	10/30/95	NS		21.49	0.06	710.25	-	-	-	-	-	-	-	-	-	-	-	MW-6	
	01/22/96		731.91	21.82	0.00	710.09	1,000	20	3.2	36	74	-	-	-	-	-	-	MW-6	
	01/22/96	DUP		-	-	-	980	26	3.5	42	81	-	-	-	-	-	-	MW-99	
	04/16/96			21.30	0.00	710.61	16,000	690	65	760	1,700	60	-	-	-	-	-	MW-6	
	08/15/96			22.32	0.00	709.59	120	9.7	1.0	8.1	7.4	<10	-	-	-	-	-	MW-6	
	08/15/96	DUP		-	-	-	160	5.6	1.1	5.0	5.8	<10	-	-	-	-	-	MW-99	
	11/04/96			22.85	0.00	709.06	130	13	<0.5	5.1	1.6	<10	-	-	-	-	-	MW-6	
	11/04/96	DUP		-	-	-	140	9.2	<0.5	3.2	1.4	<10	-	-	-	-	-	MW-99	
	03/25/97			21.62	0.00	710.29	1,900	170	12	110	110	18	-	-	-	-	-	MW-6	
	03/25/97	DUP		-	-	-	1,900	170	11	110	100	19	-	-	-	-	-	MW-99	
	06/10/97	NP		22.20	0.00	709.71	480	34	1.2	38	13	<10	-	-	-	-	-	MW-6pre	
	06/10/97			-	-	-	400	67	2.0	31	16	<10	-	-	-	-	-	MW-6post	
	08/12/97			22.78	0.00	709.13	110	8.0	0.80	2.1	1.7	<10	-	-	-	-	-	MW-6	
	08/12/97	DUP		-	-	-	140	13	0.60	4.1	2.4	<10	-	-	-	-	-	MW-99	
	12/23/97	NP		22.77	0.00	709.14	110	2.3	<0.3	7.7	<0.6	<10	-	-	-	-	-	MW-6pre	
	12/23/97			-	-	-	140	17	<0.3	6.2	2.0	<10	-	-	-	-	-	MW-6post	Turbidity=34
	03/05/98			19.35	0.00	712.56	1,500	130	8.9	250	160	<20	-	-	-	-	-	MW-6	
	06/25/98			19.12	0.00	712.79	2,500	94	9.3	280	240	13	-	-	-	-	-	MW-6	
	09/01/98			20.22	0.00	711.69	2,000	130	8.0	440	150	<100	-	-	-	-	-	MW-6	
	11/10/98			20.91	0.00	711.00	1,600	82	6.6	280	89	<50	-	-	-	-	-	MW-6	
	03/02/99			21.30	0.00	710.61	310	22	1.4	52	16	<20	-	-	-	-	-	MW-6	
	03/02/99	DUP		-	-	-	400	29	1.8	67	21	<20	-	-	-	-	-	MW-99	
	04/30/99			21.05	0.00	710.86	460	44	1.6	97	25	21	-	-	-	-	-	MW-6	
	08/19/99			21.79	0.00	710.12	270	32	1.2	52	19	<20	-	-	-	-	-	MW-6	
	10/21/99			22.24	0.00	709.67	72	8.2	0.35	16	5.6	<10	-	-	-	-	-	MW-6	
	02/16/00			22.30	0.00	709.61	<50	3.6	<2.0	3.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	-	MW-6	

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6801 Reseda Boulevard, Reseda, California

Well No.	Date	Notes	TOC Elevation (ft-MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (ft-MSL)	GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	Sample ID	Comments
MW-6	05/26/00		731.91	21.41	0.00	710.50	68	6.9	<2.0	11	3.3	6.7	<50	<5.0	<5.0	<5.0	-	MW-6	
	08/18/00			22.37	0.00	709.54	57	2.2	0.14 J	1.2 J	0.83 J	3.4 J	5.0 J	<5.0	<5.0	<5.0	-	MW-6	
	08/18/00	DUP		-	-	-	<50	2.2	0.11 J	1.1 J	<4.0	3.3 J	<50	<5.0	<5.0	<5.0	-	MW-99	
	10/26/00			22.11	0.00	709.80	64	6.1	1.1	2.9	11	3.5 J	<50	<2.5	<2.5	<2.5	-	MW-6	
	02/06/01			22.00	0.00	709.91	44 J	2.0	0.21 J	1.3	2.5	4.3 J	<25	<5.0	<5.0	<5.0	-	MW-6	
	04/30/01			20.65	0.00	711.26	<100	1.9	0.65	9.4	2.4	<5.0	<50	<5.0	<5.0	<5.0	-	MW-6	
	08/08/01			21.59	0.00	710.32	32 J	1.1	0.21 J	4.8	0.99	3.6 J	<50	<5.0	<5.0	<5.0	-	MW-6	
	11/15/01			22.46	0.00	709.45	<100	<5.0	<5.0	<5.0	<5.0	5.6	<50	<5.0	<5.0	<5.0	-	MW-6	
	02/14/02			22.55	0.00	709.36	<100	<5.0	<5.0	<5.0	<5.0	2.7 J	<25	<5.0	<5.0	<5.0	-	MW-6	
	05/03/02			22.78	0.00	709.13	37 J	0.15 J	0.17 J	<2.0	<4.0	2.5 J	<50	<5.0	<5.0	<5.0	-	MW-6	
	07/12/02			23.17	0.00	708.74	40 J	<2.0	<2.0	<2.0	0.19 J	1.7 J	<50	<5.0	<5.0	<5.0	-	MW-6	
	12/06/02			23.69	0.00	708.22	41 J	<2.0	<2.0	<2.0	<4.0	2.3 J	<50	<5.0	<5.0	<5.0	-	MW-6	
	03/11/03			22.71	0.00	709.20	37 J	<2.0	<2.0	<2.0	<4.0	2.9 J	<50	<5.0	<5.0	<5.0	<150	MW-6	
	04/09/03			22.44	0.00	709.47	38 J	<2.0	<2.0	<2.0	<4.0	3.5 J	<50	<5.0	<5.0	<5.0	<150	MW-6	
	07/07/03			22.20	0.00	709.71	41 J	0.34 J	<2.0	2.0	<4.0	2.6 J	<50	<5.0	<5.0	<5.0	<150	MW-6	
	11/06/03			23.27	0.00	708.64	56	<2.0	<2.0	<2.0	<4.0	2.6 J	<50	<5.0	<5.0	<5.0	<150	MW-6	
	01/26/04			23.25	0.00	708.66	43 J	<2.0	<2.0	<2.0	<4.0	2.3 J	<50	<5.0	<5.0	<5.0	<150	MW-6	
	04/20/04			22.78	0.00	709.13	35 J	<2.0	<2.0	<2.0	<4.0	2.2 J	<50	<5.0	<5.0	<5.0	<150	MW-6	
	07/19/04			23.54	0.00	708.37	57	<2.0	<2.0	<2.0	<4.0	1.6 J	<50	<5.0	<5.0	<5.0	<150	MW-6	
	10/07/04			24.06	0.00	707.85	86	<2.0	<2.0	<2.0	<4.0	1.2 J	<50	<5.0	<5.0	<5.0	<150	MW-6	
	03/10/05			17.75	0.00	714.16	95	0.29 J	<2.0	0.52 J	<4.0	1.6 J	<50	<5.0	<5.0	<5.0	<150	MW-6	

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Well No.	Date	Notes	TOC Elevation (ft-MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (ft-MSL)	GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	Sample ID	Comments
MW-7	10/28/92		730.49	21.39	0.00	709.10	19,000	2,500	3,200	660	2,400	-	-	-	-	-	-	MW-7	
	01/27/93			19.73	0.00	710.76	13,000	1,100	230	510	1,500	-	-	-	-	-	-	MW-7	
	05/05/93			17.98	0.00	712.51	31	3,400	570	1,100	2,400	-	-	-	-	-	-	MW-7	
	08/10/93			19.34	0.00	711.15	21,000	2,300	610	1,100	1,700	-	-	-	-	-	-	MW-7	
	12/08/93			20.39	0.00	710.10	14,000	1,700	210	840	650	-	-	-	-	-	-	MW-7	
	02/10/94			21.45	0.00	709.04	20,000	2,100	230	900	740	-	-	-	-	-	-	MW-7	
	04/28/94			20.08	0.00	710.41	18,000	980	110	630	430	-	-	-	-	-	-	MW-7	
	07/28/94			19.91	0.00	710.58	17,000	3,400	310	1,500	1,200	-	-	-	-	-	-	MW-7	
	10/24/94			19.94	0.00	710.55	19,000	180	220	750	880	-	-	-	-	-	-	MW-7	
	03/08/95	INA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	06/01/95	INA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/30/95			19.94	0.00	710.55	8,900	1,000	83	400	250	-	-	-	-	-	-	MW-7	
	10/30/95			20.54	0.00	709.95	10,000	2,000	200	770	910	-	-	-	-	-	-	MW-7	
	10/30/95	DUP		-	-	-	11,000	2,100	200	780	910	-	-	-	-	-	-	MW-99	
	01/22/96			20.75	0.00	709.74	22,000	2,500	390	1,200	1,500	-	-	-	-	-	-	MW-7	
	04/16/96			20.20	0.00	710.29	15,000	3,400	230	1,200	1,300	4,000	-	-	-	-	-	MW-7	
	08/15/96			21.21	0.00	709.28	9,200	1,400	140	850	900	2,200	-	-	-	-	-	MW-7	
	11/04/96			21.72	0.00	708.77	4,400	560	34	360	260	2,800	-	-	-	-	-	MW-7	
	03/25/97			20.53	0.00	709.96	9,700	950	61	620	550	3,200	-	-	-	-	-	MW-7	
	06/10/97	NP		21.11	0.00	709.38	41,000	5,200	250	2,200	2,200	7,200	-	-	-	-	-	MW-7pre	
	06/10/97			-	-	-	7,700	680	40	460	410	2,600	-	-	-	-	-	MW-7post	
	06/10/97	DUP		-	-	-	9,200	810	46	560	490	2,800	-	-	-	-	-	MW-99	
	08/12/97			21.66	0.00	708.83	9,600	710	53	510	510	3,300	-	-	-	-	-	MW-7	
	12/23/97			21.65	0.00	708.84	4,400	500	25	300	360	2,000	-	-	-	-	-	MW-7post	
	12/23/97	DUP		-	-	-	3,400	370	16	190	260	2,000	-	-	-	-	-	MW-99	
	03/05/98			19.46	0.00	711.03	10,000	1,200	67	870	970	2,600	-	-	-	-	-	MW-7	
	03/05/98	DUP		-	-	-	9,900	1,100	56	810	880	2,500	-	-	-	-	-	MW-99	
	06/25/98			19.07	0.00	711.42	9,200	1,100	45	500	670	1,800	-	-	-	-	-	MW-7	
	06/25/98	DUP		-	-	-	8,200	1,300	62	680	850	3,100	-	-	-	-	-	MW-99	
	09/01/98			19.11	0.00	711.38	9,700	1,600	56	840	840	4,400	-	-	-	-	-	MW-7	
	09/01/98	DUP		-	-	-	10,000	1,500	<30	760	630	3,700	-	-	-	-	-	MW-99	
	11/10/98			19.78	0.00	710.71	7,800	1,200	45	570	650	4,400	-	-	-	-	-	MW-7	
	11/10/98	DUP		-	-	-	8,400	1,300	49	600	780	4,700	-	-	-	-	-	MW-99	
	03/02/99			20.20	0.00	710.29	5,700	1,000	43	570	490	3,900	-	-	-	-	-	MW-7	
	04/30/99			20.00	0.00	710.49	11,000	1,800	75	810	870	4,100	-	-	-	-	-	MW-7	
	08/19/99			20.66	0.00	709.83	4,400	1,200	31	380	470	4,200	-	-	-	-	-	MW-7	
	10/21/99			21.12	0.00	709.37	1,900	390	11	150	160	3,400	-	-	-	-	-	MW-7	
	02/16/00			21.25	0.00	709.24	1,600	520	<40	180	210	3,200	<1,000	<100	<100	<100	-	MW-7	
	05/26/00			20.37	0.00	710.12	3,600	350	<25	280	300	2,000	<630	<63	<63	<63	-	MW-7	
	08/18/00			21.26	0.00	709.23	2,800	370	12	260	240	2,300	420	<25	<25	<25	-	MW-7	

TABLE 1
Summary of Groundwater Analytical & Elevation Results
ARCO Station No. 5041
6801 Reseda Boulevard, Reseda, California

Well No.	Date	Notes	TOC Elevation (ft-MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (ft-MSL)	GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	Sample ID	Comments
MW-7	10/26/00		730.49	21.53	0.00	708.96	2,900	420	12	250	180	2,300	86 J	<63	<63	<63	-	MW-7	
	02/06/01			20.95	0.00	709.54	5,300	700	22	440	320	2,700	1,000	<25	<25	<25	-	MW-7	
	04/30/01			20.08	0.00	710.41	3,700	310	4.8	190	120	1,800	360	<25	<25	<25	-	MW-7	
	08/08/01			20.58	0.00	709.91	930	150	4.7	100	64	1,700	68	<5.0	<5.0	<5.0	-	MW-7	
	11/15/01			21.45	0.00	709.04	840	68	<10	33	47	2,000	350 J	<100	<100	<100	-	MW-7	
	02/14/02			21.47	0.00	709.02	1,900	59	<25	75	100	990	250 J	<100	<100	<100	-	MW-7	
	05/03/02			21.74	0.00	708.75	1,800	150	2.0 J	81	69	1,600	240	<20	<20	<20	-	MW-7	
	07/12/02			22.15	0.00	708.34	700	52	0.50 J	32	26	740	380	<10	<10	<10	-	MW-7	
	12/06/02			22.63	0.00	707.86	1,900	51	1.1 J	98	96	140	440	<5.0	<5.0	<5.0	-	MW-7	
	03/11/03		730.47	21.60	0.00	708.87	680	46	0.63 J	40	21	96	320	<5.0	<5.0	<5.0	<150	MW-7	
	04/09/03			21.33	0.00	709.14	690	55	1.0 J	64	45	98	270	<5.0	<5.0	<5.0	<150	MW-7	
	07/07/03			21.12	0.00	709.35	480	82	0.88 J	83	49	140	440	<5.0	<5.0	<5.0	<150	MW-7	
	11/06/03			22.22	0.00	708.25	610	42	<4.0	50	9.1	66	630	<10	<10	<10	<300	MW-7	
	01/26/04			22.08	0.00	708.39	590	15	<2.0	58	11	63	410	<5.0	<5.0	<5.0	<150	MW-7	
	04/20/04			21.67	0.00	708.80	810	11	<2.0	56	10	37	280	<5.0	<5.0	<5.0	<150	MW-7	
	07/19/04			22.49	0.00	707.98	1,400	5.5	<2.0	46	2.9 J	26	160	<5.0	<5.0	<5.0	<150	MW-7	
	10/07/04			23.00	0.00	707.47	1,200	5.8	<2.0	21	0.83 J	34	130	<5.0	<5.0	<5.0	<150	MW-7	
	03/10/05			16.86	0.00	713.61	1,600	8.9	<2.0	9.7	<4.0	40	100	<5.0	<5.0	<5.0	<150	MW-7	

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ARCO Station No. 5041
6801 Reseda Boulevard, Reseda, California

Well No.	Date	Notes	TOC Elevation (ft-MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (ft-MSL)	GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	Sample ID	Comments
MW-8	03/24/95		731.73	19.50	0.00	712.23	<50	<0.30	<0.30	<0.30	<0.60	-	-	-	-	-	-	MW-8	
	06/01/95			19.73	0.00	712.00	<50	<0.50	<0.50	<0.50	<1.0	-	-	-	-	-	-	MW-8	
	08/30/95			20.91	0.00	710.82	<50	<0.50	<0.50	<0.50	<1.0	-	-	-	-	-	-	MW-8	
	10/30/95			21.50	0.00	710.23	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	MW-8	
	01/22/96			21.73	0.00	710.00	<50	<0.5	<0.5	<0.5	<1.0	-	-	-	-	-	-	MW-8	
	04/16/96			21.22	0.00	710.51	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-8	
	08/15/96			22.21	0.00	709.52	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-8	
	11/04/96			22.75	0.00	708.98	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-8	
	03/25/97			21.54	0.00	710.19	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-8	
	06/10/97	NP		22.12	0.00	709.61	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-8pre	
	06/10/97			-	-	-	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-8post	
	08/12/97			22.71	0.00	709.02	140	0.80	3.5	5.0	12	<10	-	-	-	-	-	MW-8	
	12/23/97	NP		22.68	0.00	709.05	<50	<0.3	<0.3	<0.3	<0.6	<10	-	-	-	-	-	MW-8pre	
	12/23/97			-	-	-	<50	<0.3	<0.3	<0.3	<0.6	<10	-	-	-	-	-	MW-8post	Turbidity=18
	03/05/98			19.46	0.00	712.27	<50	0.34	1.5	1.2	6.5	<10	-	-	-	-	-	MW-8	
	06/25/98			19.00	0.00	712.73	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-8	
	09/01/98			20.05	0.00	711.68	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-8	
	11/10/98			20.76	0.00	710.97	<50	<0.30	<0.30	<0.30	<0.60	13	-	-	-	-	-	MW-8	
	03/02/99			21.57	0.00	710.16	<50	0.35	<0.30	<0.30	<0.60	51	-	-	-	-	-	MW-8	
	04/30/99			20.95	0.00	710.78	<50	<0.30	<0.30	<0.30	<0.60	31	-	-	-	-	-	MW-8	
	04/30/99	DUP		-	-	-	<50	<0.30	<0.30	<0.30	<0.60	31	-	-	-	-	-	MW-99	
	08/19/99			21.68	0.00	710.05	<50	<0.30	<0.30	<0.30	<0.60	11	-	-	-	-	-	MW-8	
	08/19/99	DUP		-	-	-	<50	<0.30	<0.30	<0.30	<0.60	12	-	-	-	-	-	MW-99	
	10/21/99			22.11	0.00	709.62	<50	<0.30	<0.30	<0.30	<0.60	14	-	-	-	-	-	MW-8	
	10/21/99	DUP		-	-	-	<50	<0.30	<0.30	<0.30	<0.60	16	-	-	-	-	-	MW-99	
	02/16/00			22.23	0.00	709.50	<50	<2.0	<2.0	<2.0	<4.0	14	<50	<5.0	<5.0	<5.0	-	MW-8	
	02/16/00	DUP		-	-	-	<50	<2.0	<2.0	<2.0	<4.0	10	<50	<5.0	<5.0	<5.0	-	MW-99	
	05/26/00			21.36	0.00	710.37	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	-	MW-8	
	05/26/00	DUP		-	-	-	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	-	MW-99	
	08/18/00			22.26	0.00	709.47	<50	<2.0	<2.0	<2.0	<4.0	1.5 J	<50	<5.0	<5.0	<5.0	-	MW-8	
	10/26/00			22.04	0.00	709.69	78	5.3	0.21 J	3.2	2.5	0.91 J	<50	<5.0	<5.0	<5.0	-	MW-8	
	10/26/00	DUP		-	-	-	<50	<0.30	<0.30	<0.30	<0.60	0.70 J	<50	<5.0	<5.0	<5.0	-	MW-99	
	02/06/01			20.91	0.00	710.82	330	3.9	<0.30	2.3	2.4	3.8 J	<25	<5.0	<5.0	<5.0	-	MW-8	
	02/06/01	DUP		-	-	-	19 J	<0.30	<0.30	<0.30	<0.60	5.1	<25	<5.0	<5.0	<5.0	-	MW-99	
	04/30/01			20.63	0.00	711.10	<100	0.49	<0.30	<0.30	0.80	<5.0	<50	<5.0	<5.0	<5.0	-	MW-8	
	04/30/01	DUP		-	-	-	<100	<0.30	1.2	0.30	1.5	<5.0	<50	<5.0	<5.0	<5.0	-	MW-99	
	08/08/01			21.55	0.00	710.18	<50	<0.30	<0.30	<0.30	<0.60	0.59 J	<50	<5.0	<5.0	<5.0	-	MW-8	
	08/08/01	DUP		-	-	-	<50	<0.30	<0.30	<0.30	<0.60	0.58 J	<50	<5.0	<5.0	<5.0	-	MW-99	
	11/15/01			22.40	0.00	709.33	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<5.0	-	MW-8	
	11/15/01	DUP		-	-	-	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<5.0	-	MW-99	

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Well No.	Date	Notes	TOC Elevation (ft-MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (ft-MSL)	GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	Sample ID	Comments
MW-8	02/14/02		731.73	22.52	0.00	709.21	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0	<5.0	-	MW-8	
	02/14/02	DUP		-	-	-	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0	<5.0	-	MW-99	
	05/03/02			22.75	0.00	708.98	25 J	<2.0	0.16 J	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	-	MW-8	
	05/03/02	DUP		-	-	-	24 J	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	-	MW-99	
	07/12/02			23.10	0.00	708.63	34 J	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	-	MW-8	
	07/12/02	DUP		-	-	-	25 J	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	-	MW-99	
	12/06/02			23.67	0.00	708.06	33 J	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	-	MW-8	
	12/06/02	DUP		-	-	-	36 J	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	-	MW-99	
	03/11/03		731.68	22.73	0.00	708.95	46 J	<2.0	<2.0	<2.0	<4.0	0.38 J	<50	<5.0	<5.0	<5.0	<150	MW-8	
	03/11/03	DUP		-	-	-	32 J	<2.0	<2.0	<2.0	<4.0	0.39 J	<50	<5.0	<5.0	<5.0	<150	MW-99	
	04/09/03			22.40	0.00	709.28	31 J	<2.0	<2.0	<2.0	<4.0	0.43 J	<50	<5.0	<5.0	<5.0	<150	MW-8	
	04/09/03	DUP		-	-	-	26 J	<2.0	<2.0	<2.0	<4.0	0.43 J	<50	<5.0	<5.0	<5.0	<150	MW-99	
	07/07/03			22.18	0.00	709.50	33 J	<2.0	<2.0	0.50 J	1.7 J	0.42 J	<50	<5.0	<5.0	<5.0	<150	MW-8	
	07/07/03	DUP		-	-	-	31 J	<2.0	<2.0	<2.0	<4.0	0.45 J	<50	<5.0	<5.0	<5.0	<150	MW-99	
	11/06/03			23.30	0.00	708.38	45 J	<2.0	<2.0	0.30 J	0.73 J	0.34 J	<50	<5.0	<5.0	<5.0	<150	MW-8	
	01/26/04			23.28	0.00	708.40	63	0.33 J	<2.0	0.75 J	1.9 J	<5.0	<50	<5.0	<5.0	<5.0	<150	MW-8	
	01/26/04	DUP		-	-	-	39 J	<2.0	<2.0	0.30 J	1.0 J	<5.0	<50	<5.0	<5.0	<5.0	<150	Dup-5041-20040126	
	04/20/04			22.78	0.00	708.90	49 J	<2.0	<2.0	<2.0	<4.0	0.43 J	<50	<5.0	<5.0	<5.0	<150	MW-8	
	04/20/04	DUP		-	-	-	45 J	<2.0	<2.0	<2.0	<4.0	0.39 J	<50	<5.0	<5.0	<5.0	<150	Dup-5041-20040420	
	07/19/04			23.52	0.00	708.16	54	<2.0	<2.0	<2.0	<4.0	0.38 J	<50	<5.0	<5.0	<5.0	<150	MW-8	
	07/19/04	DUP		-	-	-	53	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<150	Dup-5041-20040719	
	10/07/04			24.02	0.00	707.66	44 J	<2.0	<2.0	<2.0	<4.0	0.64 J	<50	<5.0	<5.0	<5.0	<150	MW-8	
	10/07/04	DUP		-	-	-	49 J	<2.0	<2.0	<2.0	<4.0	0.59 J	<50	<5.0	<5.0	<5.0	<150	DUP-5041-20041007	
	03/10/05			17.87	0.00	713.81	48 J	<2.0	<2.0	<2.0	<4.0	0.64 J	<50	<5.0	<5.0	<5.0	<150	MW-8	
	03/10/05	DUP		-	-	-	46 J	<2.0	<2.0	<2.0	<4.0	0.60 J	<50	<5.0	<5.0	<5.0	<150	DUP-5041-20050310	

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Well No.	Date	Notes	TOC Elevation (ft-MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (ft-MSL)	GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	Sample ID	Comments
MW-9	03/08/95		732.84	21.04	0.00	711.80	<50	<0.30	<0.30	<0.30	<0.60	-	-	-	-	-	-	MW-9	
	06/01/95			20.55	0.00	712.29	<50	<0.50	<0.50	<0.50	<1.0	-	-	-	-	-	-	MW-9	
	08/30/95			21.73	0.00	711.11	<50	<0.50	<0.50	<0.50	<1.0	-	-	-	-	-	-	MW-9	
	10/30/95			22.33	0.00	710.51	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	MW-9	
	01/22/96			-	-	-	<50	<0.5	<0.5	<0.5	<1.0	-	-	-	-	-	-	MW-9	
	02/22/96	NS		22.55	0.00	710.29	-	-	-	-	-	-	-	-	-	-	-	-	
	04/16/96			22.00	0.00	710.84	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-9	
	08/15/96			23.50	0.00	709.34	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-9	
	11/04/96			23.58	0.00	709.26	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-9	
	03/25/97			22.33	0.00	710.51	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-9	
	06/10/97	NP		22.94	0.00	709.90	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-9pre	
	06/10/97			-	-	-	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-9post	
	08/12/97			23.51	0.00	709.33	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-9	
	12/23/97	NP		23.46	0.00	709.38	<50	<0.3	<0.3	<0.3	<0.6	<10	-	-	-	-	-	MW-9pre	
	12/23/97			-	-	-	<50	<0.3	<0.3	<0.3	<0.6	<10	-	-	-	-	-	MW-9post	Turbidity=20
	03/05/98			20.04	0.00	712.80	<50	<0.3	<0.3	<0.3	<0.6	<10	-	-	-	-	-	MW-9	
	06/25/98			19.80	0.00	713.04	98	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-9	
	09/01/98			20.91	0.00	711.93	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-9	
	11/10/98			21.63	0.00	711.21	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-9	
	03/02/99			22.04	0.00	710.80	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-9	
	04/30/99			21.75	0.00	711.09	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-9	
	08/19/99			22.53	0.00	710.31	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-9	
	10/21/99			22.97	0.00	709.87	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-9	
	02/16/00			23.05	0.00	709.79	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	-	MW-9	
	05/26/00			22.15	0.00	710.69	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	-	MW-9	
	08/18/00			23.11	0.00	709.73	<50	<2.0	<2.0	<2.0	<4.0	2.8 J	<50	<5.0	<5.0	<5.0	-	MW-9	
	10/26/00			23.64	0.00	709.20	<50	0.33	<0.30	0.30	<0.60	2.4 J	<50	<5.0	<5.0	<5.0	-	MW-9	
	02/06/01			22.72	0.00	710.12	49 J	0.20 J	<0.30	<0.30	<0.60	4.0 J	<25	<5.0	<5.0	<5.0	-	MW-9	
	04/30/01			21.40	0.00	711.44	<100	<0.30	<0.30	<0.30	<0.60	<5.0	<50	<5.0	<5.0	<5.0	-	MW-9	
	08/08/01			22.34	0.00	710.50	26 J	<0.30	<0.30	<0.30	<0.60	4.8 J	<50	<5.0	<5.0	<5.0	-	MW-9	
	11/15/01			23.24	0.00	709.60	<100	<5.0	<5.0	<5.0	<5.0	2.5 J	<50	<5.0	<5.0	<5.0	-	MW-9	
	02/14/02			23.30	0.00	709.54	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0	<5.0	-	MW-9	
	05/03/02			23.81	0.00	709.03	40 J	<2.0	0.23 J	<2.0	<4.0	3.2 J	<50	<5.0	<5.0	<5.0	-	MW-9	
	07/12/02			23.94	0.00	708.90	86	<2.0	<2.0	<2.0	<4.0	2.2 J	<50	<5.0	<5.0	<5.0	-	MW-9	
	12/06/02			24.46	0.00	708.38	45 J	<2.0	<2.0	<2.0	<4.0	3.3 J	<50	<5.0	<5.0	<5.0	-	MW-9	
	03/11/03		732.91	23.44	0.00	709.47	46 J	<2.0	<2.0	<2.0	<4.0	4.8 J	<50	<5.0	<5.0	<5.0	<150	MW-9	
	04/09/03			23.15	0.00	709.76	39 J	<2.0	<2.0	<2.0	<4.0	4.8 J	<50	<5.0	<5.0	<5.0	<150	MW-9	
	07/07/03			22.98	0.00	709.93	41 J	<2.0	<2.0	<2.0	<4.0	2.5 J	<50	<5.0	<5.0	<5.0	<150	MW-9	
	11/06/03			24.03	0.00	708.88	54	1.7 J	<2.0	<2.0	<4.0	5.3	<50	<5.0	<5.0	<5.0	<150	MW-9	
	11/06/03	DUP		-	-	-	54	<2.0	<2.0	<2.0	<4.0	5.6	<50	<5.0	<5.0	<5.0	<150	Dup-5041-20031106	

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ARCO Station No. 5041
6801 Reseda Boulevard, Reseda, California

Well No.	Date	Notes	TOC Elevation (ft-MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (ft-MSL)	GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	Sample ID	Comments
MW-9	01/26/04		732.91	24.01	0.00	708.90	48 J	<2.0	<2.0	<2.0	<4.0	2.1 J	<50	<5.0	<5.0	<5.0	<150	MW-9	
	04/20/04			23.57	0.00	709.34	63	<2.0	<2.0	<2.0	<4.0	5.6	<50	<5.0	<5.0	<5.0	<150	MW-9	
	07/19/04			24.32	0.00	708.59	73	<2.0	<2.0	<2.0	<4.0	4.3 J	<50	<5.0	<5.0	<5.0	<150	MW-9	
	10/07/04			24.81	0.00	708.10	61	<2.0	<2.0	<2.0	<4.0	4.0 J	<50	<5.0	<5.0	<5.0	<150	MW-9	
	03/10/05			18.48	0.00	714.43	45 J	<2.0	<2.0	<2.0	<4.0	0.68 J	<50	<5.0	<5.0	<5.0	<150	MW-9	

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Well No.	Date	Notes	TOC Elevation (ft-MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (ft-MSL)	GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	Sample ID	Comments
MW-10	03/24/95		730.40	19.10	0.00	711.30	<50	<0.30	<0.30	<0.30	<0.60	-	-	-	-	-	-	MW-10	
	06/01/95			19.27	0.00	711.13	<50	<0.50	<0.50	<0.50	<1.0	-	-	-	-	-	-	MW-10	
	08/30/95			20.36	0.00	710.04	<50	<0.50	<0.50	0.69	<1.0	-	-	-	-	-	-	MW-10	
	10/30/95			20.94	0.00	709.46	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	MW-10	
	01/22/96			21.20	0.00	709.20	<50	<0.5	<0.5	<0.5	<1.0	-	-	-	-	-	-	MW-10	
	04/16/96			26.69	0.00	703.71	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-10	
	08/15/96			21.61	0.00	708.79	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-10	
	11/04/96			22.11	0.00	708.29	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-10	
	03/25/97			20.94	0.00	709.46	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-10	
	06/10/97	NP		21.53	0.00	708.87	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-10pre	
	06/10/97			-	-	-	<50	1.6	<0.5	<0.5	1.2	<10	-	-	-	-	-	MW-10post	
	08/12/97			22.06	0.00	708.34	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-10	
	12/23/97			22.07	0.00	708.33	<50	<0.3	<0.3	<0.3	<0.6	<10	-	-	-	-	-	MW-10	
	03/05/98			19.12	0.00	711.28	<50	<0.3	<0.3	<0.3	<0.6	<10	-	-	-	-	-	MW-10	
	06/25/98			18.55	0.00	711.85	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-10	
	09/01/98			19.67	0.00	710.73	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-10	
	11/10/98			20.23	0.00	710.17	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-10	
	03/02/99			20.63	0.00	709.77	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-10	
	04/30/99			20.45	0.00	709.95	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-10	
	08/19/99			21.08	0.00	709.32	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-10	
	10/21/99			21.50	0.00	708.90	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-10	
	02/16/00			21.71	0.00	708.69	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	-	MW-10	
	05/26/00			20.81	0.00	709.59	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	-	MW-10	
	08/18/00			21.68	0.00	708.72	<50	<2.0	<2.0	<2.0	<4.0	0.91 J	<50	<5.0	<5.0	<5.0	-	MW-10	
	10/26/00			21.96	0.00	708.44	<50	0.17 J	0.22 J	0.16 J	<0.60	0.44 J	<50	<5.0	<5.0	<5.0	-	MW-10	
	02/06/01			21.39	0.00	709.01	26 J	0.13 J	0.27 J	0.13 J	0.57 J	9.7	<25	<5.0	<5.0	<5.0	-	MW-10	
	04/30/01			21.05	0.00	709.35	<100	<0.30	<0.30	<0.30	<0.60	<5.0	<50	<5.0	<5.0	<5.0	-	MW-10	
	08/08/01			20.98	0.00	709.42	<50	<0.30	<0.30	<0.30	<0.60	0.35 J	<50	<5.0	<5.0	<5.0	-	MW-10	
	11/15/01			21.79	0.00	708.61	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<5.0	-	MW-10	
	02/14/02			21.89	0.00	708.51	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0	<5.0	-	MW-10	
	05/03/02			22.17	0.00	708.23	21 J	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	-	MW-10	
	07/12/02			22.49	0.00	707.91	35 J	<2.0	<2.0	<2.0	<4.0	0.35 J	<50	<5.0	<5.0	<5.0	-	MW-10	
	12/06/02			23.11	0.00	707.29	29 J	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	-	MW-10	
	03/11/03		730.42	22.18	0.00	708.24	32 J	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<150	MW-10	
	04/09/03			21.85	0.00	708.57	28 J	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<150	MW-10	
	07/07/03			21.64	0.00	708.78	34 J	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<150	MW-10	
	11/06/03			22.67	0.00	707.75	47 J	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<150	MW-10	

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Well No.	Date	Notes	TOC Elevation (ft-MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (ft-MSL)	GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	Sample ID	Comments
MW-10	01/26/04		730.42	22.67	0.00	707.75	35 J	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<150	MW-10	
	04/20/04			22.23	0.00	708.19	41 J	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<150	MW-10	
	07/19/04			22.93	0.00	707.49	45 J	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<150	MW-10	
	10/07/04			24.15	0.00	706.27	36 J	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<150	MW-10	
	03/10/05			17.52	0.00	712.90	40 J	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<150	MW-10	

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Well No.	Date	Notes	TOC Elevation (ft-MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (ft-MSL)	GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	Sample ID	Comments
MW-11	03/08/95		731.59	21.32	0.00	710.27	400	8.9	0.42	2.4	0.89	-	-	-	-	-	-	MW-11	
	06/01/95			19.79	0.00	711.80	<50	<0.50	<0.50	0.71	<1.0	-	-	-	-	-	-	MW-11	
	08/30/95			20.92	0.00	710.67	55	<0.50	<0.50	<0.50	<1.0	-	-	-	-	-	-	MW-11	
	10/30/95			21.51	0.00	710.08	<50	<0.5	<0.5	0.70	<1.5	-	-	-	-	-	-	MW-11	
	01/22/96			21.72	0.00	709.87	<50	<0.5	<0.5	<0.5	<1.0	-	-	-	-	-	-	MW-11	
	04/16/96			21.20	0.00	710.39	530	2.6	<0.5	8.6	<1.0	<10	-	-	-	-	-	MW-11	
	08/15/96			22.21	0.00	709.38	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-11	
	11/04/96			22.70	0.00	708.89	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-11	
	03/25/97			21.49	0.00	710.10	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-11	
	06/10/97	NP		22.08	0.00	709.51	<50	0.80	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-11pre	
	06/10/97			-	-	-	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-11post	
	08/12/97			22.64	0.00	708.95	60	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-11	
	12/23/97	NP		22.61	0.00	708.98	<50	<0.3	<0.3	<0.3	<0.6	<10	-	-	-	-	-	MW-11pre	
	12/23/97			-	-	-	<50	<0.3	<0.3	<0.3	<0.6	<10	-	-	-	-	-	MW-11post	Turbidity=19
	03/05/98			19.32	0.00	712.27	<50	<0.3	<0.3	<0.3	<0.6	<10	-	-	-	-	-	MW-11	
	06/25/98			19.04	0.00	712.55	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-11	
	09/01/98			20.11	0.00	711.48	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-11	
	11/10/98			20.80	0.00	710.79	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-11	
	03/02/99			21.16	0.00	710.43	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-11	
	04/30/99			20.95	0.00	710.64	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-11	
	08/19/99			21.65	0.00	709.94	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-11	
	10/21/99			22.11	0.00	709.48	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-11	
	02/16/00			22.20	0.00	709.39	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	-	MW-11	
	05/26/00			21.31	0.00	710.28	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	-	MW-11	
	08/18/00			22.25	0.00	709.34	<50	<2.0	<2.0	<2.0	<4.0	2.0 J	<50	<5.0	<5.0	<5.0	-	MW-11	
	10/26/00			22.01	0.00	709.58	<50	<0.30	<0.30	<0.30	<0.60	2.4 J	<50	<5.0	<5.0	<5.0	-	MW-11	
	02/06/01			21.91	0.00	709.68	29 J	<0.30	<0.30	<0.30	<0.60	2.3 J	<25	<5.0	<5.0	<5.0	-	MW-11	
	04/30/01			20.61	0.00	710.98	<100	<0.30	<0.30	<0.30	<0.60	<5.0	<50	<5.0	<5.0	<5.0	-	MW-11	
	08/08/01			21.51	0.00	710.08	<50	<0.30	<0.30	<0.30	<0.60	3.7 J	<50	<5.0	<5.0	<5.0	-	MW-11	
	11/15/01			22.37	0.00	709.22	<100	<5.0	<5.0	<5.0	<5.0	3.8 J	<50	<5.0	<5.0	<5.0	-	MW-11	
	02/14/02			22.42	0.00	709.17	<100	<5.0	<5.0	<5.0	<5.0	3.4 J	<25	<5.0	<5.0	<5.0	-	MW-11	
	05/03/02			22.70	0.00	708.89	29 J	<2.0	0.15 J	<2.0	<4.0	2.1 J	<50	<5.0	<5.0	<5.0	-	MW-11	
	07/12/02			23.05	0.00	708.54	31 J	<2.0	<2.0	<2.0	<4.0	2.4 J	<50	<5.0	<5.0	<5.0	-	MW-11	
	12/06/02			23.58	0.00	708.01	36 J	<2.0	<2.0	<2.0	<4.0	2.4 J	<50	<5.0	<5.0	<5.0	-	MW-11	
	03/11/03		731.56	22.68	0.00	708.88	35 J	<2.0	<2.0	<2.0	<4.0	2.2 J	<50	<5.0	<5.0	<5.0	<150	MW-11	
	04/09/03			22.29	0.00	709.27	31 J	<2.0	<2.0	<2.0	<4.0	2.4 J	<50	<5.0	<5.0	<5.0	<150	MW-11	
	07/07/03			22.20	0.00	709.36	36 J	<2.0	<2.0	<2.0	<4.0	1.8 J	<50	<5.0	<5.0	<5.0	87 J	MW-11	
	11/06/03			23.17	0.00	708.39	38 J	<2.0	<2.0	<2.0	<4.0	1.8 J	<50	<5.0	<5.0	<5.0	<150	MW-11	

TABLE 1
Summary of Groundwater Analytical & Elevation Results
ARCO Station No. 5041
6801 Reseda Boulevard, Reseda, California

Well No.	Date	Notes	TOC Elevation (ft-MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (ft-MSL)	GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	Sample ID	Comments
MW-11	01/26/04		731.56	23.19	0.00	708.37	36 J	<2.0	<2.0	<2.0	0.68 J	1.8 J	<50	<5.0	<5.0	<5.0	<150	MW-11	
	04/20/04			22.68	0.00	708.88	43 J	<2.0	<2.0	<2.0	<4.0	1.6 J	<50	<5.0	<5.0	<5.0	<150	MW-11	
	07/19/04			23.44	0.00	708.12	50	<2.0	<2.0	<2.0	<4.0	1.1 J	<50	<5.0	<5.0	<5.0	<150	MW-11	
	10/07/04			25.74	0.00	705.82	34 J	<2.0	<2.0	<2.0	<4.0	0.98 J	<50	<5.0	<5.0	<5.0	<150	MW-11	
	03/10/05			17.74	0.00	713.82	35 J	<2.0	<2.0	<2.0	<4.0	0.36 J	<50	<5.0	<5.0	<5.0	<150	MW-11	

TABLE 1
Summary of Groundwater Analytical & Elevation Results
ARCO Station No. 5041
6801 Reseda Boulevard, Reseda, California

Well No.	Date	Notes	TOC Elevation (ft-MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (ft-MSL)	GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	Sample ID	Comments
Equip Blank	03/10/05		-	-	-	-	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<150	EB-5041-20050310	
Trip Blank	06/01/95		-	-	-	-	<50	<0.50	<0.50	<0.50	<1.0	-	-	-	-	-	-	MW-100	
	08/30/95			-	-	-	<50	<0.50	<0.50	<0.50	<1.0	-	-	-	-	-	-	MW-100	
	10/30/95			-	-	-	<50	<0.5	<0.5	<0.5	<1.5	-	-	-	-	-	-	MW-100	
	01/22/96			-	-	-	<50	<0.5	<0.5	<0.5	<1.0	-	-	-	-	-	-	MW-100	
	04/16/96			-	-	-	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-100	
	08/15/96			-	-	-	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-100	
	11/04/96			-	-	-	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-100	
	03/25/97			-	-	-	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-100	
	06/10/97			-	-	-	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-100	
	08/12/97			-	-	-	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-100	
	12/23/97			-	-	-	<50	<0.3	<0.3	<0.3	<0.6	<10	-	-	-	-	-	MW-100	
	03/05/98			-	-	-	<50	<0.3	<0.3	<0.3	<0.6	<10	-	-	-	-	-	MW-100	
	06/25/98			-	-	-	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-100	
	09/01/98			-	-	-	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-100	
	11/10/98			-	-	-	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-100	
	03/02/99			-	-	-	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-100	
	04/30/99			-	-	-	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-100	
	08/19/99			-	-	-	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-100	
	10/21/99			-	-	-	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	-	MW-100	
	02/16/00			-	-	-	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	-	MW-100	
	05/26/00			-	-	-	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	-	MW-100	
	08/18/00			-	-	-	<50	<2.0	<2.0	<2.0	<4.0	<5.0	8.8 J	<5.0	<5.0	<5.0	-	MW-100	
	10/26/00			-	-	-	<50	<0.30	<0.30	<0.30	<0.60	<5.0	7.2 J	<5.0	<5.0	<5.0	-	MW-100	
	02/06/01			-	-	-	<50	<0.30	<0.30	<0.30	<0.60	<5.0	<25	<5.0	<5.0	<5.0	-	MW-100	
	04/30/01			-	-	-	<100	<0.30	<0.30	<0.30	<0.60	<5.0	<50	<5.0	<5.0	<5.0	-	MW-100	
	08/08/01			-	-	-	<50	<0.30	<0.30	0.24 J	<0.60	<5.0	<50	<5.0	<5.0	<5.0	-	MW-100	
	11/15/01			-	-	-	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<5.0	-	MW-100	
	02/14/02			-	-	-	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0	<5.0	-	MW-100	
	05/03/02			-	-	-	9.4 J	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	-	MW-100	
	07/12/02			-	-	-	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	-	MW-100	
	12/06/02			-	-	-	14 J	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	-	MW-100	
	03/11/03			-	-	-	12 J	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<150	MW-100	
	04/09/03			-	-	-	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<150	MW-100	
	07/07/03			-	-	-	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<150	MW-100	
	11/06/03			-	-	-	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<150	TB-5041-20031106	

TABLE 1
Summary of Groundwater Analytical & Elevation Results
ARCO Station No. 5041
6801 Reseda Boulevard, Reseda, California

Well No.	Date	Notes	TOC Elevation (ft-MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (ft-MSL)	GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	Sample ID	Comments
Trip Blank	01/26/04		-	-	-	-	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<150	TB-5041-20040126	
	04/20/04			-	-	-	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	99 J	TB-5041-20040420	
	07/19/04			-	-	-	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<150	TB-5041-20040719	
	10/07/04			-	-	-	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<150	TB-5041-20041007	
	03/10/05			-	-	-	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<150	TB-5041-20050310	

Notes:

GRO = Gasoline range organics
B = Benzene
T = Toluene
E = Ethylbenzene
X = Total xylenes
MTBE = Methyl tert-butyl ether
TBA = Tert-butyl alcohol
DIPE = Di-isopropyl ether
ETBE = Ethyl tert-butyl ether
TAME = Tert-amyl methyl ether
SPH = Separate phase hydrocarbons
TOC = Top of casing (surveyed)
Calc. GW Elev. = Calculated groundwater elevation = TOC - Depth to Water + 0.75*(Measured SPH Thickness); assuming a specific gravity of 0.75 for SPH
ft-MSL = feet above mean sea level
µg/L = Micrograms per liter
< = Analyte was not detected above the specified method reporting limit
- = Not measured or analyzed
J = Estimated value (less than the method reporting limit and greater than or equal to the method detection limit)
Refer to the reports in which data was first presented for more information on historical data.

GRO analyzed by EPA Method 8015 Modified. The carbon chain range used for analysis since 2000 Quarter 1 is C4-C12.
BTEX and oxygenates analyzed by EPA Method 8260B since 20002 Quarter 1.
DUP = Duplicate sample
INA = Well inaccessible; not sampled
NP = Well not purged prior to sampling
NS = Well not sampled
SPH = Well not sampled due to the presence of separate phase hydrocarbons (SPH)

APPENDIX A

Laboratory Report and Chain-Of-Custody Document

Del Mar Analytical

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LABORATORY REPORT

Prepared For: SECOR International, Inc.-Thousand Oaks
290 Conejo Ridge Avenue, Suite 200
Thousand Oaks, CA 91361
Attention: John Bollier

Project: ARCO 5041, Reseda

Sampled: 03/10/05
Received: 03/11/05
Revised: 03/24/05 11:36

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.

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 4°C, on ice and with chain of custody documentation.

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

PRESERVATION: Samples requiring preservation were verified prior to sample analysis. Results were qualified where the sample container did not meet the method preservation requirements.

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

COMMENTS: Results that fall between the MDL and RL are 'J' flagged.

SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

ADDITIONAL INFORMATION: This revised report contains QA/QC omitted from original report.

LABORATORY ID	CLIENT ID	MATRIX
IOC1006-01	MW-3	Water
IOC1006-02	MW-5	Water
IOC1006-03	MW-6	Water
IOC1006-04	MW-7	Water
IOC1006-05	MW-8	Water
IOC1006-06	MW-9	Water
IOC1006-07	MW-10	Water
IOC1006-08	MW-11	Water
IOC1006-09	DUP-5041-20050310	Water
IOC1006-10	TB-5041-20050310	Water

Del Mar Analytical, Irvine
Wendy Kirkeeng For Chris Roberts
Project Manager

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SECOR International, Inc.-Thousand Oaks
290 Conejo Ridge Avenue, Suite 200
Thousand Oaks, CA 91361
Attention: John Bollier

Project ID: ARCO 5041, Reseda

Report Number: IOC1006

Sampled: 03/10/05
Received: 03/11/05

LABORATORY ID	CLIENT ID	MATRIX
IOC1006-11	EB-5041-20050310	Water

Reviewed By:

Del Mar Analytical, Irvine
Wendy Kirkeeng For Chris Roberts
Project Manager

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SECOR International, Inc.-Thousand Oaks
290 Conejo Ridge Avenue, Suite 200
Thousand Oaks, CA 91361
Attention: John Bollier

Project ID: ARCO 5041, Reseda
Report Number: IOC1006

Sampled: 03/10/05
Received: 03/11/05

VOLATILE FUEL HYDROCARBONS (EPA 5030/8015M)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOC1006-01 (MW-3 - Water)									
Reporting Units: ug/l									
GRO (C4 - C12)	EPA 8015B	5C19023	24	50	ND	1	03/19/05	03/19/05	
Surrogate: 4-BFB (FID) (65-140%)					*92 %*				
Sample ID: IOC1006-02 (MW-5 - Water)									**MC**
Reporting Units: ug/l									
GRO (C4 - C12)	EPA 8015B	5C16133	1200	2500	**12000**	50	03/16/05	03/17/05	
Surrogate: 4-BFB (FID) (65-140%)					*90 %*				
Sample ID: IOC1006-03 (MW-6 - Water)									**MC**
Reporting Units: ug/l									
GRO (C4 - C12)	EPA 8015B	5C17005	24	50	**95**	1	03/17/05	03/17/05	
Surrogate: 4-BFB (FID) (65-140%)					*113 %*				
Sample ID: IOC1006-04 (MW-7 - Water)									
Reporting Units: ug/l									
GRO (C4 - C12)	EPA 8015B	5C19023	240	500	**1600**	10	03/19/05	03/19/05	
Surrogate: 4-BFB (FID) (65-140%)					*87 %*				
Sample ID: IOC1006-05 (MW-8 - Water)									
Reporting Units: ug/l									
GRO (C4 - C12)	EPA 8015B	5C19023	24	50	**48**	1	03/19/05	03/19/05	PV, J,DX
Surrogate: 4-BFB (FID) (65-140%)					*86 %*				
Sample ID: IOC1006-06 (MW-9 - Water)									
Reporting Units: ug/l									
GRO (C4 - C12)	EPA 8015B	5C19023	24	50	**45**	1	03/19/05	03/19/05	PV, J,DX
Surrogate: 4-BFB (FID) (65-140%)					*81 %*				
Sample ID: IOC1006-07 (MW-10 - Water)									
Reporting Units: ug/l									
GRO (C4 - C12)	EPA 8015B	5C19023	24	50	**40**	1	03/19/05	03/19/05	PV, J,DX
Surrogate: 4-BFB (FID) (65-140%)					*82 %*				
Sample ID: IOC1006-08 (MW-11 - Water)									**MC**
Reporting Units: ug/l									
GRO (C4 - C12)	EPA 8015B	5C16133	24	50	**35**	1	03/16/05	03/17/05	PV, J,DX
Surrogate: 4-BFB (FID) (65-140%)					*94 %*				

Del Mar Analytical, Irvine
Wendy Kirkeeng For Chris Roberts
Project Manager

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SECOR International, Inc.-Thousand Oaks
290 Conejo Ridge Avenue, Suite 200
Thousand Oaks, CA 91361
Attention: John Bollier

Project ID: ARCO 5041, Reseda
Report Number: IOC1006

Sampled: 03/10/05
Received: 03/11/05

VOLATILE FUEL HYDROCARBONS (EPA 5030/8015M)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOC1006-09 (DUP-5041-20050310 - Water)									
Reporting Units: ug/l									
GRO (C4 - C12)	EPA 8015B	5C18106	24	50	**46**	1	03/18/05	03/19/05	PV, J,DX
Surrogate: 4-BFB (FID) (65-140%)					*87 %*				
Sample ID: IOC1006-10 (TB-5041-20050310 - Water)									
Reporting Units: ug/l									
GRO (C4 - C12)	EPA 8015B	5C18106	24	50	ND	1	03/18/05	03/19/05	
Surrogate: 4-BFB (FID) (65-140%)					*87 %*				
Sample ID: IOC1006-11 (EB-5041-20050310 - Water)									
Reporting Units: ug/l									
GRO (C4 - C12)	EPA 8015B	5C18106	24	50	ND	1	03/18/05	03/19/05	
Surrogate: 4-BFB (FID) (65-140%)					*84 %*				

Del Mar Analytical, Irvine
Wendy Kirkeeng For Chris Roberts
Project Manager

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SECOR International, Inc.-Thousand Oaks
290 Conejo Ridge Avenue, Suite 200
Thousand Oaks, CA 91361
Attention: John Bollier

Project ID: ARCO 5041, Reseda

Report Number: IOC1006

Sampled: 03/10/05
Received: 03/11/05

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

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOC1006-01 (MW-3 - Water)									
Reporting Units: ug/l									
Benzene	EPA 8260B	5C12015	0.28	2.0	ND	1	03/12/05	03/12/05	
Ethylbenzene	EPA 8260B	5C12015	0.25	2.0	ND	1	03/12/05	03/12/05	
Toluene	EPA 8260B	5C12015	0.36	2.0	ND	1	03/12/05	03/12/05	
m,p-Xylenes	EPA 8260B	5C12015	0.52	2.0	ND	1	03/12/05	03/12/05	
o-Xylene	EPA 8260B	5C12015	0.24	2.0	ND	1	03/12/05	03/12/05	
Xylenes, Total	EPA 8260B	5C12015	0.52	4.0	ND	1	03/12/05	03/12/05	
Di-isopropyl Ether (DIPE)	EPA 8260B	5C12015	0.25	5.0	ND	1	03/12/05	03/12/05	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5C12015	0.28	5.0	ND	1	03/12/05	03/12/05	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5C12015	0.33	5.0	ND	1	03/12/05	03/12/05	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5C12015	0.32	5.0	ND	1	03/12/05	03/12/05	
tert-Butanol (TBA)	EPA 8260B	5C12015	3.1	50	ND	1	03/12/05	03/12/05	
Ethanol	EPA 8260B	5C12015	100	150	ND	1	03/12/05	03/12/05	
Surrogate: Dibromofluoromethane (80-120%)					*101 %*				
Surrogate: Toluene-d8 (80-120%)					*106 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)					*96 %*				
Sample ID: IOC1006-02 (MW-5 - Water)									**MC**
Reporting Units: ug/l									
Benzene	EPA 8260B	5C13003	1.4	10	**360**	5	03/13/05	03/13/05	
Ethylbenzene	EPA 8260B	5C13003	1.2	10	**550**	5	03/13/05	03/13/05	
Toluene	EPA 8260B	5C13003	1.8	10	**3.8**	5	03/13/05	03/13/05	J,DX
m,p-Xylenes	EPA 8260B	5C13003	2.6	10	**310**	5	03/13/05	03/13/05	
o-Xylene	EPA 8260B	5C13003	1.2	10	**80**	5	03/13/05	03/13/05	
Xylenes, Total	EPA 8260B	5C13003	2.6	20	**390**	5	03/13/05	03/13/05	
Di-isopropyl Ether (DIPE)	EPA 8260B	5C13003	1.2	25	ND	5	03/13/05	03/13/05	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5C13003	1.4	25	ND	5	03/13/05	03/13/05	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5C13003	1.6	25	ND	5	03/13/05	03/13/05	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5C13003	1.6	25	**220**	5	03/13/05	03/13/05	
tert-Butanol (TBA)	EPA 8260B	5C13003	16	250	**1200**	5	03/13/05	03/13/05	
Ethanol	EPA 8260B	5C13003	500	750	ND	5	03/13/05	03/13/05	IO
Surrogate: Dibromofluoromethane (80-120%)					*103 %*				
Surrogate: Toluene-d8 (80-120%)					*104 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)					*110 %*				

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SECOR International, Inc.-Thousand Oaks
290 Conejo Ridge Avenue, Suite 200
Thousand Oaks, CA 91361
Attention: John Bollier

Project ID: ARCO 5041, Reseda

Report Number: IOC1006

Sampled: 03/10/05
Received: 03/11/05

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

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOC1006-03 (MW-6 - Water)									**MC**
Reporting Units: ug/l									
Benzene	EPA 8260B	5C13003	0.28	2.0	**0.29**	1	03/13/05	03/13/05	J,DX
Ethylbenzene	EPA 8260B	5C13003	0.25	2.0	**0.52**	1	03/13/05	03/13/05	J,DX
Toluene	EPA 8260B	5C13003	0.36	2.0	ND	1	03/13/05	03/13/05	
m,p-Xylenes	EPA 8260B	5C13003	0.52	2.0	ND	1	03/13/05	03/13/05	
o-Xylene	EPA 8260B	5C13003	0.24	2.0	ND	1	03/13/05	03/13/05	
Xylenes, Total	EPA 8260B	5C13003	0.52	4.0	ND	1	03/13/05	03/13/05	
Di-isopropyl Ether (DIPE)	EPA 8260B	5C13003	0.25	5.0	ND	1	03/13/05	03/13/05	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5C13003	0.28	5.0	ND	1	03/13/05	03/13/05	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5C13003	0.33	5.0	ND	1	03/13/05	03/13/05	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5C13003	0.32	5.0	**1.6**	1	03/13/05	03/13/05	J,DX
tert-Butanol (TBA)	EPA 8260B	5C13003	3.1	50	ND	1	03/13/05	03/13/05	
Ethanol	EPA 8260B	5C13003	100	150	ND	1	03/13/05	03/13/05	IO
Surrogate: Dibromofluoromethane (80-120%)					*104 %*				
Surrogate: Toluene-d8 (80-120%)					*103 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)					*102 %*				
Sample ID: IOC1006-04 (MW-7 - Water)									
Reporting Units: ug/l									
Benzene	EPA 8260B	5C12015	0.28	2.0	**8.9**	1	03/12/05	03/12/05	
Ethylbenzene	EPA 8260B	5C12015	0.25	2.0	**9.7**	1	03/12/05	03/12/05	
Toluene	EPA 8260B	5C12015	0.36	2.0	ND	1	03/12/05	03/12/05	
m,p-Xylenes	EPA 8260B	5C12015	0.52	2.0	ND	1	03/12/05	03/12/05	
o-Xylene	EPA 8260B	5C12015	0.24	2.0	ND	1	03/12/05	03/12/05	
Xylenes, Total	EPA 8260B	5C12015	0.52	4.0	ND	1	03/12/05	03/12/05	
Di-isopropyl Ether (DIPE)	EPA 8260B	5C12015	0.25	5.0	ND	1	03/12/05	03/12/05	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5C12015	0.28	5.0	ND	1	03/12/05	03/12/05	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5C12015	0.33	5.0	ND	1	03/12/05	03/12/05	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5C12015	0.32	5.0	**40**	1	03/12/05	03/12/05	
tert-Butanol (TBA)	EPA 8260B	5C12015	3.1	50	**100**	1	03/12/05	03/12/05	
Ethanol	EPA 8260B	5C12015	100	150	ND	1	03/12/05	03/12/05	
Surrogate: Dibromofluoromethane (80-120%)					*102 %*				
Surrogate: Toluene-d8 (80-120%)					*104 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)					*104 %*				

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SECOR International, Inc.-Thousand Oaks
290 Conejo Ridge Avenue, Suite 200
Thousand Oaks, CA 91361
Attention: John Bollier

Project ID: ARCO 5041, Reseda

Report Number: IOC1006

Sampled: 03/10/05
Received: 03/11/05

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

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOC1006-05 (MW-8 - Water)									
Reporting Units: ug/l									
Benzene	EPA 8260B	5C12015	0.28	2.0	ND	1	03/12/05	03/12/05	
Ethylbenzene	EPA 8260B	5C12015	0.25	2.0	ND	1	03/12/05	03/12/05	
Toluene	EPA 8260B	5C12015	0.36	2.0	ND	1	03/12/05	03/12/05	
m,p-Xylenes	EPA 8260B	5C12015	0.52	2.0	ND	1	03/12/05	03/12/05	
o-Xylene	EPA 8260B	5C12015	0.24	2.0	ND	1	03/12/05	03/12/05	
Xylenes, Total	EPA 8260B	5C12015	0.52	4.0	ND	1	03/12/05	03/12/05	
Di-isopropyl Ether (DIPE)	EPA 8260B	5C12015	0.25	5.0	ND	1	03/12/05	03/12/05	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5C12015	0.28	5.0	ND	1	03/12/05	03/12/05	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5C12015	0.33	5.0	ND	1	03/12/05	03/12/05	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5C12015	0.32	5.0	**0.64**	1	03/12/05	03/12/05	J,DX
tert-Butanol (TBA)	EPA 8260B	5C12015	3.1	50	ND	1	03/12/05	03/12/05	
Ethanol	EPA 8260B	5C12015	100	150	ND	1	03/12/05	03/12/05	
Surrogate: Dibromofluoromethane (80-120%)					*101 %*				
Surrogate: Toluene-d8 (80-120%)					*104 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)					*96 %*				
Sample ID: IOC1006-06 (MW-9 - Water)									
Reporting Units: ug/l									
Benzene	EPA 8260B	5C12015	0.28	2.0	ND	1	03/12/05	03/12/05	
Ethylbenzene	EPA 8260B	5C12015	0.25	2.0	ND	1	03/12/05	03/12/05	
Toluene	EPA 8260B	5C12015	0.36	2.0	ND	1	03/12/05	03/12/05	
m,p-Xylenes	EPA 8260B	5C12015	0.52	2.0	ND	1	03/12/05	03/12/05	
o-Xylene	EPA 8260B	5C12015	0.24	2.0	ND	1	03/12/05	03/12/05	
Xylenes, Total	EPA 8260B	5C12015	0.52	4.0	ND	1	03/12/05	03/12/05	
Di-isopropyl Ether (DIPE)	EPA 8260B	5C12015	0.25	5.0	ND	1	03/12/05	03/12/05	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5C12015	0.28	5.0	ND	1	03/12/05	03/12/05	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5C12015	0.33	5.0	ND	1	03/12/05	03/12/05	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5C12015	0.32	5.0	**0.68**	1	03/12/05	03/12/05	J,DX
tert-Butanol (TBA)	EPA 8260B	5C12015	3.1	50	ND	1	03/12/05	03/12/05	
Ethanol	EPA 8260B	5C12015	100	150	ND	1	03/12/05	03/12/05	
Surrogate: Dibromofluoromethane (80-120%)					*99 %*				
Surrogate: Toluene-d8 (80-120%)					*104 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)					*95 %*				

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Attention: John Bollier

Project ID: ARCO 5041, Reseda

Report Number: IOC1006

Sampled: 03/10/05
Received: 03/11/05

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

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOC1006-07 (MW-10 - Water)									
Reporting Units: ug/l									
Benzene	EPA 8260B	5C12015	0.28	2.0	ND	1	03/12/05	03/12/05	
Ethylbenzene	EPA 8260B	5C12015	0.25	2.0	ND	1	03/12/05	03/12/05	
Toluene	EPA 8260B	5C12015	0.36	2.0	ND	1	03/12/05	03/12/05	
m,p-Xylenes	EPA 8260B	5C12015	0.52	2.0	ND	1	03/12/05	03/12/05	
o-Xylene	EPA 8260B	5C12015	0.24	2.0	ND	1	03/12/05	03/12/05	
Xylenes, Total	EPA 8260B	5C12015	0.52	4.0	ND	1	03/12/05	03/12/05	
Di-isopropyl Ether (DIPE)	EPA 8260B	5C12015	0.25	5.0	ND	1	03/12/05	03/12/05	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5C12015	0.28	5.0	ND	1	03/12/05	03/12/05	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5C12015	0.33	5.0	ND	1	03/12/05	03/12/05	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5C12015	0.32	5.0	ND	1	03/12/05	03/12/05	
tert-Butanol (TBA)	EPA 8260B	5C12015	3.1	50	ND	1	03/12/05	03/12/05	
Ethanol	EPA 8260B	5C12015	100	150	ND	1	03/12/05	03/12/05	
Surrogate: Dibromofluoromethane (80-120%)					*102 %*				
Surrogate: Toluene-d8 (80-120%)					*103 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)					*96 %*				
Sample ID: IOC1006-08 (MW-11 - Water)									**MC**
Reporting Units: ug/l									
Benzene	EPA 8260B	5C13003	0.28	2.0	ND	1	03/13/05	03/13/05	
Ethylbenzene	EPA 8260B	5C13003	0.25	2.0	ND	1	03/13/05	03/13/05	
Toluene	EPA 8260B	5C13003	0.36	2.0	ND	1	03/13/05	03/13/05	
m,p-Xylenes	EPA 8260B	5C13003	0.52	2.0	ND	1	03/13/05	03/13/05	
o-Xylene	EPA 8260B	5C13003	0.24	2.0	ND	1	03/13/05	03/13/05	
Xylenes, Total	EPA 8260B	5C13003	0.52	4.0	ND	1	03/13/05	03/13/05	
Di-isopropyl Ether (DIPE)	EPA 8260B	5C13003	0.25	5.0	ND	1	03/13/05	03/13/05	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5C13003	0.28	5.0	ND	1	03/13/05	03/13/05	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5C13003	0.33	5.0	ND	1	03/13/05	03/13/05	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5C13003	0.32	5.0	**0.36**	1	03/13/05	03/13/05	J,DX
tert-Butanol (TBA)	EPA 8260B	5C13003	3.1	50	ND	1	03/13/05	03/13/05	
Ethanol	EPA 8260B	5C13003	100	150	ND	1	03/13/05	03/13/05	
Surrogate: Dibromofluoromethane (80-120%)					*98 %*				
Surrogate: Toluene-d8 (80-120%)					*102 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)					*97 %*				

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Attention: John Bollier

Project ID: ARCO 5041, Reseda

Report Number: IOC1006

Sampled: 03/10/05
Received: 03/11/05

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

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOC1006-09 (DUP-5041-20050310 - Water)									
Reporting Units: ug/l									
Benzene	EPA 8260B	5C12015	0.28	2.0	ND	1	03/12/05	03/12/05	
Ethylbenzene	EPA 8260B	5C12015	0.25	2.0	ND	1	03/12/05	03/12/05	
Toluene	EPA 8260B	5C12015	0.36	2.0	ND	1	03/12/05	03/12/05	
m,p-Xylenes	EPA 8260B	5C12015	0.52	2.0	ND	1	03/12/05	03/12/05	
o-Xylene	EPA 8260B	5C12015	0.24	2.0	ND	1	03/12/05	03/12/05	
Xylenes, Total	EPA 8260B	5C12015	0.52	4.0	ND	1	03/12/05	03/12/05	
Di-isopropyl Ether (DIPE)	EPA 8260B	5C12015	0.25	5.0	ND	1	03/12/05	03/12/05	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5C12015	0.28	5.0	ND	1	03/12/05	03/12/05	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5C12015	0.33	5.0	ND	1	03/12/05	03/12/05	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5C12015	0.32	5.0	**0.60**	1	03/12/05	03/12/05	J,DX
tert-Butanol (TBA)	EPA 8260B	5C12015	3.1	50	ND	1	03/12/05	03/12/05	
Ethanol	EPA 8260B	5C12015	100	150	ND	1	03/12/05	03/12/05	
Surrogate: Dibromofluoromethane (80-120%)					*104 %*				
Surrogate: Toluene-d8 (80-120%)					*105 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)					*97 %*				
Sample ID: IOC1006-10 (TB-5041-20050310 - Water)									
Reporting Units: ug/l									
Benzene	EPA 8260B	5C12015	0.28	2.0	ND	1	03/12/05	03/12/05	
Ethylbenzene	EPA 8260B	5C12015	0.25	2.0	ND	1	03/12/05	03/12/05	
Toluene	EPA 8260B	5C12015	0.36	2.0	ND	1	03/12/05	03/12/05	
m,p-Xylenes	EPA 8260B	5C12015	0.52	2.0	ND	1	03/12/05	03/12/05	
o-Xylene	EPA 8260B	5C12015	0.24	2.0	ND	1	03/12/05	03/12/05	
Xylenes, Total	EPA 8260B	5C12015	0.52	4.0	ND	1	03/12/05	03/12/05	
Di-isopropyl Ether (DIPE)	EPA 8260B	5C12015	0.25	5.0	ND	1	03/12/05	03/12/05	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5C12015	0.28	5.0	ND	1	03/12/05	03/12/05	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5C12015	0.33	5.0	ND	1	03/12/05	03/12/05	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5C12015	0.32	5.0	ND	1	03/12/05	03/12/05	
tert-Butanol (TBA)	EPA 8260B	5C12015	3.1	50	ND	1	03/12/05	03/12/05	
Ethanol	EPA 8260B	5C12015	100	150	ND	1	03/12/05	03/12/05	
Surrogate: Dibromofluoromethane (80-120%)					*103 %*				
Surrogate: Toluene-d8 (80-120%)					*104 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)					*96 %*				

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Wendy Kirkeeng For Chris Roberts
Project Manager

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SECOR International, Inc.-Thousand Oaks
290 Conejo Ridge Avenue, Suite 200
Thousand Oaks, CA 91361
Attention: John Bollier

Project ID: ARCO 5041, Reseda

Report Number: IOC1006

Sampled: 03/10/05
Received: 03/11/05

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

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOC1006-11 (EB-5041-20050310 - Water)									
Reporting Units: ug/l									
Benzene	EPA 8260B	5C12015	0.28	2.0	ND	1	03/12/05	03/12/05	
Ethylbenzene	EPA 8260B	5C12015	0.25	2.0	ND	1	03/12/05	03/12/05	
Toluene	EPA 8260B	5C12015	0.36	2.0	ND	1	03/12/05	03/12/05	
m,p-Xylenes	EPA 8260B	5C12015	0.52	2.0	ND	1	03/12/05	03/12/05	
o-Xylene	EPA 8260B	5C12015	0.24	2.0	ND	1	03/12/05	03/12/05	
Xylenes, Total	EPA 8260B	5C12015	0.52	4.0	ND	1	03/12/05	03/12/05	
Di-isopropyl Ether (DIPE)	EPA 8260B	5C12015	0.25	5.0	ND	1	03/12/05	03/12/05	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	5C12015	0.28	5.0	ND	1	03/12/05	03/12/05	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	5C12015	0.33	5.0	ND	1	03/12/05	03/12/05	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5C12015	0.32	5.0	ND	1	03/12/05	03/12/05	
tert-Butanol (TBA)	EPA 8260B	5C12015	3.1	50	ND	1	03/12/05	03/12/05	
Ethanol	EPA 8260B	5C12015	100	150	ND	1	03/12/05	03/12/05	
Surrogate: Dibromofluoromethane (80-120%)					*105 %*				
Surrogate: Toluene-d8 (80-120%)					*104 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)					*97 %*				

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Attention: John Bollier

Project ID: ARCO 5041, Reseda

Report Number: IOC1006

Sampled: 03/10/05
Received: 03/11/05

METHOD BLANK/QC DATA

VOLATILE FUEL HYDROCARBONS (EPA 5030/8015M)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5C16133 Extracted: 03/16/05											
Blank Analyzed: 03/16/2005 (5C16133-BLK1)											
GRO (C4 - C12)	ND	50	24	ug/l							
Surrogate: 4-BFB (FID)	*8.26*			*ug/l*	*10.0*		*83*	*65-140*			
LCS Analyzed: 03/16/2005 (5C16133-BS1)											
GRO (C4 - C12)	698	50	24	ug/l	800		87	70-140			
Surrogate: 4-BFB (FID)	*25.0*			*ug/l*	*30.0*		*83*	*65-140*			
Matrix Spike Analyzed: 03/16/2005 (5C16133-MS1)						**Source: IOC0667-05**					
GRO (C4 - C12)	222	50	24	ug/l	220	28	88	60-140			
Surrogate: 4-BFB (FID)	*9.97*			*ug/l*	*10.0*		*100*	*65-140*			
Matrix Spike Dup Analyzed: 03/16/2005 (5C16133-MSD1)						**Source: IOC0667-05**					
GRO (C4 - C12)	209	50	24	ug/l	220	28	82	60-140	6	20	
Surrogate: 4-BFB (FID)	*9.55*			*ug/l*	*10.0*		*96*	*65-140*			
Batch: 5C17005 Extracted: 03/17/05											
Blank Analyzed: 03/17/2005 (5C17005-BLK1)											
GRO (C4 - C12)	ND	50	24	ug/l							
Surrogate: 4-BFB (FID)	*8.91*			*ug/l*	*10.0*		*89*	*65-140*			
LCS Analyzed: 03/17/2005 (5C17005-BS1)											
GRO (C4 - C12)	828	50	24	ug/l	800		104	70-140			
Surrogate: 4-BFB (FID)	*30.6*			*ug/l*	*30.0*		*102*	*65-140*			
Matrix Spike Analyzed: 03/17/2005 (5C17005-MS1)						**Source: IOC0769-09**					
GRO (C4 - C12)	234	50	24	ug/l	220	ND	106	60-140			
Surrogate: 4-BFB (FID)	*11.5*			*ug/l*	*10.0*		*115*	*65-140*			

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METHOD BLANK/QC DATA

VOLATILE FUEL HYDROCARBONS (EPA 5030/8015M)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5C17005 Extracted: 03/17/05											
Matrix Spike Dup Analyzed: 03/17/2005 (5C17005-MSD1)						**Source: IOC0769-09**					
GRO (C4 - C12)	235	50	24	ug/l	220	ND	107	60-140	0	20	
Surrogate: 4-BFB (FID)	*12.1*			*ug/l*	*10.0*		*121*	*65-140*			
Batch: 5C18106 Extracted: 03/18/05											
Blank Analyzed: 03/18/2005 (5C18106-BLK1)											
GRO (C4 - C12)	ND	50	24	ug/l							
Surrogate: 4-BFB (FID)	*9.66*			*ug/l*	*10.0*		*97*	*65-140*			
LCS Analyzed: 03/18/2005 (5C18106-BS1)											
GRO (C4 - C12)	795	50	24	ug/l	800		99	70-140			
Surrogate: 4-BFB (FID)	*28.0*			*ug/l*	*30.0*		*93*	*65-140*			
Matrix Spike Analyzed: 03/18/2005 (5C18106-MS1)						**Source: IOC0639-04**					
GRO (C4 - C12)	225	50	24	ug/l	220	ND	102	60-140			
Surrogate: 4-BFB (FID)	*12.1*			*ug/l*	*10.0*		*121*	*65-140*			
Matrix Spike Dup Analyzed: 03/18/2005 (5C18106-MSD1)						**Source: IOC0639-04**					
GRO (C4 - C12)	224	50	24	ug/l	220	ND	102	60-140	0	20	
Surrogate: 4-BFB (FID)	*11.8*			*ug/l*	*10.0*		*118*	*65-140*			
Batch: 5C19023 Extracted: 03/19/05											
Blank Analyzed: 03/19/2005 (5C19023-BLK1)											
GRO (C4 - C12)	ND	50	24	ug/l							
Surrogate: 4-BFB (FID)	*9.37*			*ug/l*	*10.0*		*94*	*65-140*			

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Project ID: ARCO 5041, Reseda

Report Number: IOC1006

Sampled: 03/10/05
Received: 03/11/05

METHOD BLANK/QC DATA

VOLATILE FUEL HYDROCARBONS (EPA 5030/8015M)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5C19023 Extracted: 03/19/05											
LCS Analyzed: 03/19/2005 (5C19023-BS1)											
GRO (C4 - C12)	797	50	24	ug/l	800		100	70-140			
Surrogate: 4-BFB (FID)	*30.2*			*ug/l*	*30.0*		*101*	*65-140*			
Matrix Spike Analyzed: 03/19/2005 (5C19023-MS1)					**Source: IOC1006-01**						
GRO (C4 - C12)	248	50	24	ug/l	220	ND	113	60-140			
Surrogate: 4-BFB (FID)	*11.5*			*ug/l*	*10.0*		*115*	*65-140*			
Matrix Spike Dup Analyzed: 03/19/2005 (5C19023-MSD1)					**Source: IOC1006-01**						
GRO (C4 - C12)	254	50	24	ug/l	220	ND	115	60-140	2	20	
Surrogate: 4-BFB (FID)	*11.3*			*ug/l*	*10.0*		*113*	*65-140*			

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Sampled: 03/10/05
Received: 03/11/05

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5C12015 Extracted: 03/12/05											
Blank Analyzed: 03/12/2005 (5C12015-BLK1)											
Benzene	ND	2.0	0.28	ug/l							
Ethylbenzene	ND	2.0	0.25	ug/l							
Toluene	ND	2.0	0.36	ug/l							
m,p-Xylenes	ND	2.0	0.52	ug/l							
o-Xylene	ND	2.0	0.24	ug/l							
Xylenes, Total	ND	4.0	0.52	ug/l							
Di-isopropyl Ether (DIPE)	ND	5.0	0.25	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	0.28	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	5.0	0.33	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	0.32	ug/l							
tert-Butanol (TBA)	ND	50	3.1	ug/l							
Ethanol	ND	150	100	ug/l							
Surrogate: Dibromofluoromethane	*24.4*			*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: Toluene-d8	*26.4*			*ug/l*	*25.0*		*106*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.1*			*ug/l*	*25.0*		*96*	*80-120*			
LCS Analyzed: 03/12/2005 (5C12015-BS1)											
Benzene	21.6	2.0	0.28	ug/l	25.0		86	70-120			
Ethylbenzene	21.7	2.0	0.25	ug/l	25.0		87	80-120			
Toluene	22.2	2.0	0.36	ug/l	25.0		89	75-120			
m,p-Xylenes	41.8	2.0	0.52	ug/l	50.0		84	75-120			
o-Xylene	21.5	2.0	0.24	ug/l	25.0		86	75-125			
Xylenes, Total	63.3	4.0	0.52	ug/l	75.0		84	75-125			
Di-isopropyl Ether (DIPE)	21.9	5.0	0.25	ug/l	25.0		88	65-135			
Ethyl tert-Butyl Ether (ETBE)	21.3	5.0	0.28	ug/l	25.0		85	60-140			
tert-Amyl Methyl Ether (TAME)	21.7	5.0	0.33	ug/l	25.0		87	60-140			
Methyl-tert-butyl Ether (MTBE)	21.1	5.0	0.32	ug/l	25.0		84	55-145			
tert-Butanol (TBA)	118	50	3.1	ug/l	125		94	70-140			
Ethanol	228	150	100	ug/l	250		91	35-165			
Surrogate: Dibromofluoromethane	*24.6*			*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: Toluene-d8	*26.7*			*ug/l*	*25.0*		*107*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.8*			*ug/l*	*25.0*		*103*	*80-120*			

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Attention: John Bollier

Project ID: ARCO 5041, Reseda

Report Number: IOC1006

Sampled: 03/10/05
Received: 03/11/05

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5C12015 Extracted: 03/12/05											
Matrix Spike Analyzed: 03/12/2005 (5C12015-MS1)						**Source: IOC0970-08**					
Benzene	26.6	2.0	0.28	ug/l	25.0	1.1	102	70-120			
Ethylbenzene	157	2.0	0.25	ug/l	25.0	150	28	70-130			*BB*
Toluene	25.6	2.0	0.36	ug/l	25.0	ND	102	70-120			
m,p-Xylenes	50.1	2.0	0.52	ug/l	50.0	ND	100	65-130			
o-Xylene	31.5	2.0	0.24	ug/l	25.0	6.4	100	65-125			
Xylenes, Total	81.6	4.0	0.52	ug/l	75.0	6.4	100	65-135			
Di-isopropyl Ether (DIPE)	28.2	5.0	0.25	ug/l	25.0	0.48	111	65-140			
Ethyl tert-Butyl Ether (ETBE)	27.2	5.0	0.28	ug/l	25.0	ND	109	60-140			
tert-Amyl Methyl Ether (TAME)	28.6	5.0	0.33	ug/l	25.0	ND	114	55-145			
Methyl-tert-butyl Ether (MTBE)	28.7	5.0	0.32	ug/l	25.0	ND	115	50-155			
tert-Butanol (TBA)	139	50	3.1	ug/l	125	ND	111	65-145			
Ethanol	266	150	100	ug/l	250	ND	106	35-165			
Surrogate: Dibromofluoromethane	*25.9*			*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Toluene-d8	*26.7*			*ug/l*	*25.0*		*107*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*26.5*			*ug/l*	*25.0*		*106*	*80-120*			
Matrix Spike Dup Analyzed: 03/12/2005 (5C12015-MSD1)						**Source: IOC0970-08**					
Benzene	26.2	2.0	0.28	ug/l	25.0	1.1	100	70-120	2	20	
Ethylbenzene	149	2.0	0.25	ug/l	25.0	150	-4	70-130	5	20	*BB*
Toluene	25.3	2.0	0.36	ug/l	25.0	ND	101	70-120	1	20	
m,p-Xylenes	49.7	2.0	0.52	ug/l	50.0	ND	99	65-130	1	25	
o-Xylene	30.1	2.0	0.24	ug/l	25.0	6.4	95	65-125	5	20	
Xylenes, Total	79.8	4.0	0.52	ug/l	75.0	6.4	98	65-135	2	20	
Di-isopropyl Ether (DIPE)	28.5	5.0	0.25	ug/l	25.0	0.48	112	65-140	1	25	
Ethyl tert-Butyl Ether (ETBE)	27.7	5.0	0.28	ug/l	25.0	ND	111	60-140	2	25	
tert-Amyl Methyl Ether (TAME)	28.4	5.0	0.33	ug/l	25.0	ND	114	55-145	1	30	
Methyl-tert-butyl Ether (MTBE)	28.9	5.0	0.32	ug/l	25.0	ND	116	50-155	1	25	
tert-Butanol (TBA)	140	50	3.1	ug/l	125	ND	112	65-145	1	25	
Ethanol	291	150	100	ug/l	250	ND	116	35-165	9	30	
Surrogate: Dibromofluoromethane	*25.9*			*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Toluene-d8	*26.7*			*ug/l*	*25.0*		*107*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*26.0*			*ug/l*	*25.0*		*104*	*80-120*			

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Project ID: ARCO 5041, Reseda

Report Number: IOC1006

Sampled: 03/10/05
Received: 03/11/05

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5C13003 Extracted: 03/13/05											
Blank Analyzed: 03/13/2005 (5C13003-BLK1)											
Benzene	ND	2.0	0.28	ug/l							
Ethylbenzene	ND	2.0	0.25	ug/l							
Toluene	ND	2.0	0.36	ug/l							
m,p-Xylenes	ND	2.0	0.52	ug/l							
o-Xylene	ND	2.0	0.24	ug/l							
Xylenes, Total	ND	4.0	0.52	ug/l							
Di-isopropyl Ether (DIPE)	ND	5.0	0.25	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	0.28	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	5.0	0.33	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	0.32	ug/l							
tert-Butanol (TBA)	ND	50	3.1	ug/l							
Ethanol	ND	150	100	ug/l							
Surrogate: Dibromofluoromethane	*25.2*			*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Toluene-d8	*25.8*			*ug/l*	*25.0*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.4*			*ug/l*	*25.0*		*98*	*80-120*			
LCS Analyzed: 03/13/2005 (5C13003-BS1)											
Benzene	23.1	2.0	0.28	ug/l	25.0		92	70-120			
Ethylbenzene	24.7	2.0	0.25	ug/l	25.0		99	80-120			
Toluene	25.7	2.0	0.36	ug/l	25.0		103	75-120			
m,p-Xylenes	48.9	2.0	0.52	ug/l	50.0		98	75-120			
o-Xylene	24.2	2.0	0.24	ug/l	25.0		97	75-125			
Xylenes, Total	73.2	4.0	0.52	ug/l	75.0		98	75-125			
Di-isopropyl Ether (DIPE)	25.1	5.0	0.25	ug/l	25.0		100	65-135			
Ethyl tert-Butyl Ether (ETBE)	26.1	5.0	0.28	ug/l	25.0		104	60-140			
tert-Amyl Methyl Ether (TAME)	27.8	5.0	0.33	ug/l	25.0		111	60-140			
Methyl-tert-butyl Ether (MTBE)	26.2	5.0	0.32	ug/l	25.0		105	55-145			
tert-Butanol (TBA)	121	50	3.1	ug/l	125		97	70-140			
Ethanol	158	150	100	ug/l	250		63	35-165			
Surrogate: Dibromofluoromethane	*26.0*			*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Toluene-d8	*26.0*			*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.2*			*ug/l*	*25.0*		*101*	*80-120*			

Del Mar Analytical, Irvine
Wendy Kirkeeng For Chris Roberts
Project Manager

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SECOR International, Inc.-Thousand Oaks
290 Conejo Ridge Avenue, Suite 200
Thousand Oaks, CA 91361
Attention: John Bollier

Project ID: ARCO 5041, Reseda

Report Number: IOC1006

Sampled: 03/10/05
Received: 03/11/05

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5C13003 Extracted: 03/13/05											
Matrix Spike Analyzed: 03/13/2005 (5C13003-MS1)					**Source: IOC0964-01**						
Benzene	23.1	2.0	0.28	ug/l	25.0	ND	92	70-120			
Ethylbenzene	24.1	2.0	0.25	ug/l	25.0	ND	96	70-130			
Toluene	25.2	2.0	0.36	ug/l	25.0	ND	101	70-120			
m,p-Xylenes	47.4	2.0	0.52	ug/l	50.0	ND	95	65-130			
o-Xylene	23.4	2.0	0.24	ug/l	25.0	ND	94	65-125			
Xylenes, Total	70.8	4.0	0.52	ug/l	75.0	ND	94	65-135			
Di-isopropyl Ether (DIPE)	25.0	5.0	0.25	ug/l	25.0	ND	100	65-140			
Ethyl tert-Butyl Ether (ETBE)	25.7	5.0	0.28	ug/l	25.0	ND	103	60-140			
tert-Amyl Methyl Ether (TAME)	27.4	5.0	0.33	ug/l	25.0	ND	110	55-145			
Methyl-tert-butyl Ether (MTBE)	25.7	5.0	0.32	ug/l	25.0	ND	103	50-155			
tert-Butanol (TBA)	105	50	3.1	ug/l	125	ND	84	65-145			
Ethanol	158	150	100	ug/l	250	ND	63	35-165			
Surrogate: Dibromofluoromethane	*26.3*			*ug/l*	*25.0*		*105*	*80-120*			
Surrogate: Toluene-d8	*26.0*			*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.7*			*ug/l*	*25.0*		*99*	*80-120*			
Matrix Spike Dup Analyzed: 03/13/2005 (5C13003-MSD1)					**Source: IOC0964-01**						
Benzene	19.7	2.0	0.28	ug/l	25.0	ND	79	70-120	16	20	
Ethylbenzene	20.6	2.0	0.25	ug/l	25.0	ND	82	70-130	16	20	
Toluene	21.4	2.0	0.36	ug/l	25.0	ND	86	70-120	16	20	
m,p-Xylenes	39.9	2.0	0.52	ug/l	50.0	ND	80	65-130	17	25	
o-Xylene	19.8	2.0	0.24	ug/l	25.0	ND	79	65-125	17	20	
Xylenes, Total	59.8	4.0	0.52	ug/l	75.0	ND	80	65-135	17	20	
Di-isopropyl Ether (DIPE)	21.9	5.0	0.25	ug/l	25.0	ND	88	65-140	13	25	
Ethyl tert-Butyl Ether (ETBE)	15.0	5.0	0.28	ug/l	25.0	ND	60	60-140	53	25	*RA*
tert-Amyl Methyl Ether (TAME)	12.8	5.0	0.33	ug/l	25.0	ND	51	55-145	73	30	*LN,AY, BA,AY*
Methyl-tert-butyl Ether (MTBE)	20.2	5.0	0.32	ug/l	25.0	ND	81	50-155	24	25	
tert-Butanol (TBA)	113	50	3.1	ug/l	125	ND	90	65-145	7	25	
Ethanol	379	150	100	ug/l	250	ND	152	35-165	82	30	*RA*
Surrogate: Dibromofluoromethane	*26.7*			*ug/l*	*25.0*		*107*	*80-120*			
Surrogate: Toluene-d8	*25.8*			*ug/l*	*25.0*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.0*			*ug/l*	*25.0*		*100*	*80-120*			

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SECOR International, Inc.-Thousand Oaks
290 Conejo Ridge Avenue, Suite 200
Thousand Oaks, CA 91361
Attention: John Bollier

Project ID: ARCO 5041, Reseda

Report Number: IOC1006

Sampled: 03/10/05
Received: 03/11/05

DATA QUALIFIERS AND DEFINITIONS

BA,AY	The RPD exceeded the method control limit due to sample matrix effects
BB	Sample > 4x spike concentration
IO	Contract limits originate from BP-GCLN Technical Requirements
J,DX	EPA Flag - Estimated value,Value < lowest standard (MQL), but > than MDL
LN,AY	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
MC	Sample received unpreserved but analyzed within 7 days
PV	Hydrocarbon result partly due to individ. peak(s) in quant. range
RA	RPD exceeds limit due to matrix interf.; % recovs. within limits
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 GRO (C4-C12):

GRO (C4-C12) is quantitated against a gasoline standard. Quantitation begins immediately following the methanol peak.

8015 Analysis EDF Parlabel Cross Reference

Analyte	EDF Parlabel
GRO (C4 - C12)	GROC4C12

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Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	Nelac	California
EPA 8015B	Water	X	X
EPA 8260B	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 Chris Roberts
Project Manager

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#323

Chain of Custody Record

Project Name: Q1-2005 GROUNDWATER
BP BU/AR Region/Enfos Segment: RETAIL (Coastal +C.LA)
State or Lead Regulatory Agency:
Requested Due Date (03/24/05): Standard TAT

On-site Time:	Temp:
Off-site Time:	Temp:
Sky Conditions:	
Meteorological Events:	
Wind Speed:	Direction:

Lab Name:	Del Mar Analytical	BP/AR Facility No.:	5041	Consultant/Contractor:	SECOR International, Inc
Address:	17461 Derian Ave Ste 100	BP/AR Facility Address:	6801 Reseda Blvd, Reseda, CA	Address:	290 Conejo Ridge Ave Sute 200
	Irvine, CA 92614	Site Lat/Long:	34.194/-118.536		Thousand Oaks, CA 91361
Lab PM:	Chris Roberts	California Global ID No.:	T0603702220	Consultant/Contractor Project No.:	37BP.05041.06
Tele/Fax:	949-261-1022	Enfos Project No.:	G0B1N-0001	Consultant/Contractor PM:	LISA MORENO/ANDY MODUGNO
BP/AR PM Contact:	RAY VOSE	Provision or RCOP (circle one)		Tele/Fax:	805-230-1266/805-230-1277
Address:	4 Centerpoint Dr.	Phase/WBS:	4	Report Type & QC Level:	Standard
	La Palma, CA	Sub Phase/Task:	Analytical	E-mail EDD To:	bauchard @secor.com
Tele/Fax:	818-957-1755	Cost Element:	Sub Contracted Cost	Invoice to:	Consultant or BP or Atlantic Richfield Co. (circle one)

Lab Bottle Order No: 101006

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: GRO C4-C12 (8015)	Requested Analysis: BTEX/OXY/ET (8260)	Sample Point Lat/Long and Comments
1	MW-3	1230	3/10/05		X			4				X		X	X	
2	MW-5	1620	3/10/05		X			4	X			~~X~~		X	X	
3	MW-6	1150	3/10/05		X			4	X			~~X~~		X	X	
4	MW-7	1420	3/10/05		X			4				X		X	X	
5	MW-8	0935	3/10/05		X			4				X		X	X	
6	MW-9	1050	3/10/05		X			4				X		X	X	
7	MW-10	1515	3/10/05		X			4				X		X	X	
8	MW-11	1325	3/10/05		X			4	X			~~X~~		X	X	
9	Dup-5041-20050310	—	3/10/05		X			4				X		X	X	
10	TB-5041-20050310	—	3/10/05		X			4				X		X	X	
11	[redacted]B-5041-20050310	1545	3/10/05		X			4				X		X	X	

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: Shawn Dickinson						
Sampler's Company: SECOR		3/11/05	10:00	DMAT	3/11/05	10:00
Shipment Date:	DMAT	3/11/05	1830		3/11/05	1830
Shipment Method:						
Shipment Tracking No:						

Special Instructions:

Custody Seals In Place Yes ___ No X Temp Blank Yes ___ No X Cooler Temperature on Receipt 4 °F/C Trip Blank Yes X No ___

Distribution: White Copy - Laboratory / Yellow Copy - BP/Atlantic Richfield Co. / Pink Copy - Consultant/Contractor

BP COC Rev. 4 10/1/04

WQ

APPENDIX B

Groundwater Sampling Data Sheets

Subjective and Well -Head Evaluation Form

Project No.: Q1-2005 Groundwater Location: Reseda Date: 3/10/2005

Station No.: 5041 Field Technician: Shaun Dickinson Day of Week: Thursday

DTW ORDER	WELL ID	SURFICIAL SEAL	CONCRETE SEAL	LID SECURE	GASKET	LOCK	EXPANDING CAP	TOTAL DEPTH (feet)	DEPTH TO WATER (feet)	FLOATING PRODUCT THICKNESS (feet)	DISSOLVED OXYGEN READING (mg/L)	COMMENTS
6	MW-3	Y	Y	Y	Y	Y	Y	29.86	18.26	Ø	1.59	
8	MW-5	Y	Y	N	N	Y	Y	30.20	18.02	Ø	1.23	Old style well Box No Bolts Check for Sheen
5	MW-6	Y	Y	Y	Y	Y	Y	30.73	17.75	Ø	1.50	
7	MW-7	N	Y	N	N	Y	Y	26.10	16.86	Ø	1.19	Bolt Holes stripped-unsecurable
3	MW-8	Y	Y	N	Y	Y	Y	44.98	17.87	Ø	1.13	Bolt Holes stripped unsecurable DUP-5041-2005 03 10
4	MW-9	Y	Y	Y	Y	Y	Y	45.02	18.48	Ø	1.94	
2	MW-10	Y	Y	Y	Y	Y	Y	34.66	17.52	Ø	1.10	
1	MW-11	Y	Y	N	Y	Y	Y	33.95	17.74	Ø	1.21	H2O In well Box Bolt Holes stripped unsecurable

Note: Use G=Good and P=poor for well condition

GROUNDWATER SAMPLE FIELD DATA SHEET

ATLANTIC RICHFIELD COMPANY

PROJECT NO: Q1-2005 Groundwater	SAMPLE ID: MW-3
SAMPLER: Shaun Dickinson	FACILITY NO: 5041
DATE: 03/10/05	LOCATION: Reseda

CASING DIAMETER (inches) 2 3 (4) 6 8 12 OTHER:

DEPTH OF WELL (feet): 29.86	CALCULATED PURGE (gal): 23.20
DEPTH TO WATER (feet): 18.26	ACTUAL PURGE VOL (gal): 9
Standing Water in Casing (feet) 11.60 x 0.20= 2.32	+ DTW 20.50 =80% Recharge Water Level

2 (inches)	Standing Water in Casing (feet)	x 0.5=	3 Casing Volumes (gal.)
4 (inches)	Standing Water in Casing (feet)	x 2.0=	3 Casing Volumes (gal.)
6 (inches)	Standing Water in Casing (feet)	x 4.4=	3 Casing Volumes (gal.)
8 (inches)	Standing Water in Casing (feet)	x 7.8=	3 Casing Volumes (gal.)

Date Purged: 03/10/05 Start (2400 Hr.): 1212 End (2400 Hr.): 1218

Date Sampled: 03/10/05 Time (2400 Hr.): 1230 DTW @ Samp. Time: 20.16

FIELD QC SAMPLES COLLECTED AT THIS WELL (IE: FB-1, X-DUP-1):

TIME (2400 Hr.)	VOLUME (gallons)	TEMP (degrees F)	E.C. (uS/cm) X1000	pH (units)	COLOR (visual)*	TURBIDITY (visual)**	TOTALIZE (gallons)
1214	3	72.9	1556	7.14	Cloudy	Light	
1216	6	72.7	1606	7.05	"	"	
1218	9	72.7	1630	7.04	"	"	

* (Color) Clear, Cloudy, Yellow, Brown ** (Turbidity) Heavy, Moderate, Light, Trace

PURGING EQUIPMENT		SAMPLING EQUIPMENT	
2" Bladder Pump	Bailer (Teflon)	2" Bladder Pump	Bailer (Stainless Steel)
Contrifugal Pump	(Bailer (PVC))	Submersible Pump	Bailer (Teflon)
Submersible Pump	Bailer (Stainless Steel)	Dipper	(Bailer (Disposable Teflon))
Redi-Flo2	Dedicated	Well Wizard	Dedicated

OTHER: VAC TRUCK	OTHER:

Well Condition (cap, cement, padlock, screws, lid, etc.):

Floating Product Thickness (feet): Color: Padlock Number:

COMMENTS: * Removed strainers * Reading's stabilized @ 9 Gal

40 ml VOA, HCL: 4 1 liter amber, none: 16 ox poly, HNO3:

WATER LEVEL ONLY. NO SAMPLE COLLECTED: REVIEWED BY: [signature] DATE: 3/11/05

Atlantic Richfield Company No. # 5041

GROUNDWATER SAMPLE FIELD DATA SHEET

ATLANTIC RICHFIELD COMPANY	PROJECT NO: Q1-2005 Groundwater	SAMPLE ID: MW-5
	SAMPLER: Shaun Dickinson	FACILITY NO: 5041
	DATE: 03/10/05	LOCATION: Reseda

CASING DIAMETER (inches) 2 3 (4) 6 8 12 OTHER:

DEPTH OF WELL (feet): 30.20	CALCULATED PURGE (gal): 24.36
DEPTH TO WATER (feet): 18.02	ACTUAL PURGE VOL (gal): 9
Standing Water in Casing (feet) 12.18 x 0.20= 2.436 + DTW 20.45 =80% Recharge Water Level	

2 (inches)	Standing Water in Casing (feet)	x 0.5=	3 Casing Volumes (gal.)
4 (inches)	Standing Water in Casing (feet)	x 2.0=	3 Casing Volumes (gal.)
6 (inches)	Standing Water in Casing (feet)	x 4.4=	3 Casing Volumes (gal.)
8 (inches)	Standing Water in Casing (feet)	x 7.8=	3 Casing Volumes (gal.)

Date Purged: 03/10/05 Start (2400 Hr.): 1600 End (2400 Hr.): 1608

Date Sampled: 03/10/05 Time (2400 Hr.): 1620 DTW @ Samp. Time: 18.71

NO HCL

FIELD QC SAMPLES COLLECTED AT THIS WELL (IE: FB-1, X-DUP-1):

TIME (2400 Hr.)	VOLUME (gallons)	TEMP (degrees F)	E.C. (uS/cm) X1000	pH (units)	COLOR (visual)*	TURBIDITY (visual)**	TOTALIZE (gallons)
1602	3	75.1	2027	7.02	Cloudy	Light	
1605	6	74.1	1991	6.96	"	"	
1608	9	75.1	1913	7.03	"	"	

* (Color) Clear, Cloudy, Yellow, Brown ** (Turbidity) Heavy, Moderate, Light, Trace

PURGING EQUIPMENT		SAMPLING EQUIPMENT	
2" Bladder Pump	Bailer (Teflon)	2" Bladder Pump	Bailer (Stainless Steel)
Contrifugal Pump	(Bailer (PVC))	Submersible Pump	Bailer (Teflon)
Submersible Pump	Bailer (Stainless Steel)	Dipper	~~Bailer (Disposable Teflon)~~
Redi-Flo2	Dedicated	Well Wizard	Dedicated

OTHER: VAC TRUCK	OTHER:

Well Condition (cap, cement, padlock, screws, lid, etc.):

Floating Product Thickness (feet): Color: Padlock Number:

COMMENTS: * Removed strainer * Slight sheen @ 36 Gal
* Readings Stable @ 9 Gal
NO HCL

40 ml VOA, HCL: 4 1 liter amber, none: 16 ox poly, HNO3:

WATER LEVEL ONLY. NO SAMPLE COLLECTED: REVIEWED BY: [signature] DATE: 3/11/05

GROUNDWATER SAMPLE FIELD DATA SHEET

ATLANTIC RICHFIELD COMPANY	PROJECT NO: Q1-2005 Groundwater	SAMPLE ID: MW-6
	SAMPLER: Shaun Dickinson	FACILITY NO: 5041
	DATE: 03/10/05	LOCATION: Reseda

CASING DIAMETER (inches) 2 3 (4) 6 8 12 OTHER:

DEPTH OF WELL (feet): 30.73	CALCULATED PURGE (gal): 25.96
DEPTH TO WATER (feet): 17.75	ACTUAL PURGE VOL (gal): 9
Standing Water in Casing (feet) 12.98 x 0.20= 2.596 + DTW 20.34 =80% Recharge Water Level	

2 (inches)	Standing Water in Casing (feet)	x 0.5=	3 Casing Volumes (gal.)
4 (inches)	Standing Water in Casing (feet)	x 2.0=	3 Casing Volumes (gal.)
6 (inches)	Standing Water in Casing (feet)	x 4.4=	3 Casing Volumes (gal.)
8 (inches)	Standing Water in Casing (feet)	x 7.8=	3 Casing Volumes (gal.)

Date Purged: 03/10/05 Start (2400 Hr.): 1131 End (2400 Hr.): 1139

Date Sampled: 03/10/05 Time (2400 Hr.): 1150 DTW @ Samp. Time: 18.45

NO HCL

FIELD QC SAMPLES COLLECTED AT THIS WELL (IE: FB-1, X-DUP-1):

TIME (2400 Hr.)	VOLUME (gallons)	TEMP (degrees F)	E.C. (uS/cm) X1000	pH (units)	COLOR (visual)*	TURBIDITY (visual)**	TOTALIZE (gallons)
1134	3	73.5	1419	6.77	Cloudy	Light	
1137	6	73.4	1385	6.78	"	"	
1139	9	73.5	1546	6.89	"	"	

* (Color) Clear, Cloudy, Yellow, Brown ** (Turbidity) Heavy, Moderate, Light, Trace

PURGING EQUIPMENT		SAMPLING EQUIPMENT	
2" Bladder Pump	Bailer (Teflon)	2" Bladder Pump	Bailer (Stainless Steel)
Contrifugal Pump	~~Bailer (PVC)~~	Submersible Pump	~~Bailer (Teflon)~~
Submersible Pump	Bailer (Stainless Steel)	Dipper	~~Bailer (Disposable Teflon)~~
Redi-Flo2	Dedicated	Well Wizard	Dedicated

OTHER: VAC TRUCK	OTHER:

Well Condition (cap, cement, padlock, screws, lid, etc.):

Floating Product Thickness (feet): Color: Padlock Number:

COMMENTS: * Pulled stinger's * Readings stable @ 9 Gal
NO HCL

40 ml VOA, HCL: 4 1 liter amber, none: 16 ox poly, HNO3:

WATER LEVEL ONLY, NO SAMPLE COLLECTED: REVIEWED BY: Moreno DATE: 3/11/05

Atlantic Richfield Company No. # 5041

GROUNDWATER SAMPLE FIELD DATA SHEET

ATLANTIC RICHFIELD COMPANY	PROJECT NO: Q1-2005 Groundwater	SAMPLE ID: MW-7
	SAMPLER: Shaun Dickinson	FACILITY NO: 5041
	DATE: 03/10/05	LOCATION: Reseda

CASING DIAMETER (inches) 2 3 (4) 6 8 12 OTHER:

DEPTH OF WELL (feet): 26.10	CALCULATED PURGE (gal): 18.48
DEPTH TO WATER (feet): 16.86	ACTUAL PURGE VOL (gal): 7
Standing Water in Casing (feet) 9.24 x 0.20= 1.848 + DTW 18.70 =80% Recharge Water Level	

2 (inches)	Standing Water in Casing (feet)	x 0.5=	3 Casing Volumes (gal.)
4 (inches)	Standing Water in Casing (feet)	x 2.0=	3 Casing Volumes (gal.)
6 (inches)	Standing Water in Casing (feet)	x 4.4=	3 Casing Volumes (gal.)
8 (inches)	Standing Water in Casing (feet)	x 7.8=	3 Casing Volumes (gal.)

Date Purged: 03/10/05 Start (2400 Hr.): 1404 End (2400 Hr.): 1411

Date Sampled: 03/10/05 Time (2400 Hr.): 1420 DTW @ Samp. Time: 17.59

FIELD QC SAMPLES COLLECTED AT THIS WELL (IE: FB-1, X-DUP-1):

TIME (2400 Hr.)	VOLUME (gallons)	TEMP (degrees F)	E.C. (uS/cm) X1000	pH (units)	COLOR (visual)*	TURBIDITY (visual)**	TOTALIZE (gallons)
1406	1	76.8	1974	6.75	cloudy	light	
1409	5	75.8	1903	6.43	yellow	light	
1411	7	75.4	1841	6.28	"	"	

* (Color) Clear, Cloudy, Yellow, Brown ** (Turbidity) Heavy, Moderate, Light, Trace

PURGING EQUIPMENT		SAMPLING EQUIPMENT	
2" Bladder Pump	Bailer (Teflon)	2" Bladder Pump	Bailer (Stainless Steel)
Contrifugal Pump	Bailer (PVC)	Submersible Pump	Bailer (Teflon)
Submersible Pump	Bailer (Stainless Steel)	Dipper	Bailer (Disposable Teflon)
Redi-Flo2	Dedicated	Well Wizard	Dedicated

OTHER: VAC TRUCK	OTHER:

Well Condition (cap, cement, padlock, screws, lid, etc.):

Floating Product Thickness (feet): Color: Padlock Number:

COMMENTS: *Removed Stainless + Second set w/ass Fault stuck in them
*Reading Stable @ 7 Gal

40 ml VOA, HCL: 4 1 liter amber, none: 16 ox poly, HNO3:

WATER LEVEL ONLY. NO SAMPLE COLLECTED: REVIEWED BY: [signature] DATE: 3/11/05

GROUNDWATER SAMPLE FIELD DATA SHEET

ATLANTIC RICHFIELD COMPANY	PROJECT NO: Q1-2005 Groundwater	SAMPLE ID: MW-8
	SAMPLER: Shaun Dickinson	FACILITY NO: 5041
	DATE: 03/10/05	LOCATION: Reseda

CASING DIAMETER (inches) 2 3 (4) 6 8 12 OTHER:

DEPTH OF WELL (feet): 44.98	CALCULATED PURGE (gal): 54.22
DEPTH TO WATER (feet): 17.87	ACTUAL PURGE VOL (gal): 19
Standing Water in Casing (feet) 27.11 x 0.20= 5.422 + DTW 23.29 =80% Recharge Water Level	

2 (inches)	Standing Water in Casing (feet)	x 0.5=	3 Casing Volumes (gal.)
4 (inches)	Standing Water in Casing (feet)	x 2.0=	3 Casing Volumes (gal.)
6 (inches)	Standing Water in Casing (feet)	x 4.4=	3 Casing Volumes (gal.)
8 (inches)	Standing Water in Casing (feet)	x 7.8=	3 Casing Volumes (gal.)

Date Purged: 03/10/05 Start (2400 Hr.): 0854 End (2400 Hr.): 0917
Date Sampled: 03/10/05 Time (2400 Hr.): 0935 DTW @ Samp. Time: 18.20

FIELD QC SAMPLES COLLECTED AT THIS WELL (IE: FB-1, X-DUP-1): Dup-5041-20050310

TIME (2400 Hr.)	VOLUME (gallons)	TEMP (degrees F)	E.C. (uS/cm) X1000	pH (units)	COLOR (visual)*	TURBIDITY (visual)**	TOTALIZE (gallons)
0903	5	69.1	1709	6.92	Cloudy	Light	
0907	10	69.5	1882	7.09	"	"	
0911	15	69.6	1915	7.03	Yellow	Light	
0917	19	69.8	1984	7.13	"	"	

* (Color) Clear, Cloudy, Yellow, Brown ** (Turbidity) Heavy, Moderate, Light, Trace

PURGING EQUIPMENT		SAMPLING EQUIPMENT	
2" Bladder Pump	Bailer (Teflon)	2" Bladder Pump	Bailer (Stainless Steel)
Contrifugal Pump	Bailer (PVC)	Submersible Pump	Bailer (Teflon)
Submersible Pump	Bailer (Stainless Steel)	Dipper	Bailer (Disposable Teflon)
Redi-Flo2	Dedicated	Well Wizard	Dedicated

OTHER: VAC TRUCK	OTHER:

Well Condition (cap, cement, padlock, screws, lid, etc.):
Floating Product Thickness (feet): Color: Padlock Number:

COMMENTS: * Removed strainers * Reading stable @ 19 Gal

40 ml VOA, HCL: 8 1 liter amber, none: 16 ox poly, HNO3:

WATER LEVEL ONLY. NO SAMPLE COLLECTED: REVIEWED BY: Moreno DATE: 3/11/05

GROUNDWATER SAMPLE FIELD DATA SHEET

ATLANTIC RICHFIELD COMPANY	PROJECT NO: Q1-2005 Groundwater	SAMPLE ID: MW-9
	SAMPLER: Shaun Dickinson	FACILITY NO: 5041
	DATE: 03/10/05	LOCATION: Reseda

CASING DIAMETER (inches) 2 3 4 ~~6~~ 8 12 OTHER:

DEPTH OF WELL (feet):	45.02	CALCULATED PURGE (gal):	53.08
DEPTH TO WATER (feet):	18.48	ACTUAL PURGE VOL (gal):	18

Standing Water in Casing (feet) 26.54 x 0.20= 5.308 + DTW 23.78 =80% Recharge Water Level

2 (inches)	Standing Water in Casing (feet)	x 0.5=	3 Casing Volumes (gal.)
4 (inches)	Standing Water in Casing (feet)	x 2.0=	3 Casing Volumes (gal.)
6 (inches)	Standing Water in Casing (feet)	x 4.4=	3 Casing Volumes (gal.)
8 (inches)	Standing Water in Casing (feet)	x 7.8=	3 Casing Volumes (gal.)

Date Purged: 03/10/05 Start (2400 Hr.): 1028 End (2400 Hr.): 1039

Date Sampled: 03/10/05 Time (2400 Hr.): 1050 DTW @ Samp. Time: 23.11

FIELD QC SAMPLES COLLECTED AT THIS WELL (IE: FB-1, X-DUP-1):

TIME (2400 Hr.)	VOLUME (gallons)	TEMP (degrees F)	E.C. (uS/cm) X1000	pH (units)	COLOR (visual)*	TURBIDITY (visual)**	TOTALIZE (gallons)
1031	5	71.8	7426	7.10	Cloudy	Light	
1033	10	71.1	2412	7.07	"	"	
1036	15	70.0	2294	7.05	Yellow	Light	
1039	18	70.0	2288	7.09	"	"	

* (Color) Clear, Cloudy, Yellow, Brown ** (Turbidity) Heavy, Moderate, Light, Trace

PURGING EQUIPMENT		SAMPLING EQUIPMENT	
2" Bladder Pump	Bailer (Teflon)	2" Bladder Pump	Bailer (Stainless Steel)
Contrifugal Pump	Bailer (PVC)	Submersible Pump	Bailer (Teflon)
Submersible Pump	Bailer (Stainless Steel)	Dipper	Bailer (Disposable Teflon)
Redi-Flo2	Dedicated	Well Wizard	Dedicated

OTHER: VAC TRUCK	OTHER:

Well Condition (cap, cement, padlock, screws, lid, etc.):

Floating Product Thickness (feet): Color: Padlock Number:

COMMENTS: X Removed strings X Reading stable @ 18.60'

40 ml VOA, HCL: 4 1 liter amber, none: 16 ox poly, HNO3:

WATER LEVEL ONLY. NO SAMPLE COLLECTED: REVIEWED BY: Moreno DATE: 3/11/05

GROUNDWATER SAMPLE FIELD DATA SHEET

ATLANTIC RICHFIELD COMPANY	PROJECT NO: Q1-2005 Groundwater	SAMPLE ID: MW-10
	SAMPLER: Shaun Dickinson	FACILITY NO: 5041
	DATE: 03/10/05	LOCATION: Reseda

CASING DIAMETER (inches) 2 3 (4) 6 8 12 OTHER:

DEPTH OF WELL (feet): 34.66	CALCULATED PURGE (gal): 34.28
DEPTH TO WATER (feet): 17.52	ACTUAL PURGE VOL (gal): 12
Standing Water in Casing (feet) 17.14 x 0.20= 3.428 + DTW 20.94 =80% Recharge Water Level	

2 (inches)	Standing Water in Casing (feet)	x 0.5=	3 Casing Volumes (gal.)
4 (inches)	Standing Water in Casing (feet)	x 2.0=	3 Casing Volumes (gal.)
6 (inches)	Standing Water in Casing (feet)	x 4.4=	3 Casing Volumes (gal.)
8 (inches)	Standing Water in Casing (feet)	x 7.8=	3 Casing Volumes (gal.)

Date Purged: 03/10/05 Start (2400 Hr.): 1455 End (2400 Hr.): 1503
Date Sampled: 03/10/05 Time (2400 Hr.): 1515 DTW @ Samp. Time: 18.24

FIELD QC SAMPLES COLLECTED AT THIS WELL (IE: FB-1, X-DUP-1): EB-5041-20050310 @ 1545

TIME (2400 Hr.)	VOLUME (gallons)	TEMP (degrees F)	E.C. (uS/cm) X1000	pH (units)	COLOR (visual)*	TURBIDITY (visual)**	TOTALIZE (gallons)
1458	4	77.2	2193	6.95	Cloudy	Light	
1501	8	75.7	2221	6.97	"	"	
1503	12	75.2	2235	6.94	"	"	

* (Color) Clear, Cloudy, Yellow, Brown ** (Turbidity) Heavy, Moderate, Light, Trace

PURGING EQUIPMENT		SAMPLING EQUIPMENT	
2" Bladder Pump	Bailer (Teflon)	2" Bladder Pump	Bailer (Stainless Steel)
Contrifugal Pump	~~Bailer (PVC)~~	Submersible Pump	Bailer (Teflon)
Submersible Pump	Bailer (Stainless Steel)	Dipper	~~Bailer (Disposable Teflon)~~
Redi-Flo2	Dedicated	Well Wizard	Dedicated

OTHER: VAC TRUCK	OTHER:

Well Condition (cap, cement, padlock, screws, lid, etc.):
Floating Product Thickness (feet): Color: Padlock Number:

COMMENTS: * Removed strapes, * Readings stabilized @ 12 Gal
* EB-poured 12 water over Decored 4" Bailer into vac

40 ml VOA, HCL: 8 1 liter amber, none: 16 ox poly, HNO3:

WATER LEVEL ONLY. NO SAMPLE COLLECTED: REVIEWED BY: DATE: 3/10/05

GROUNDWATER SAMPLE FIELD DATA SHEET

ATLANTIC RICHFIELD COMPANY	PROJECT NO: Q1-2005 Groundwater	SAMPLE ID: MW-11
	SAMPLER: Shaun Dickinson	FACILITY NO: 5041
	DATE: 03/10/05	LOCATION: Reseda

CASING DIAMETER (inches) 2 3 (4) 6 8 12 OTHER:

DEPTH OF WELL (feet): 33.95	CALCULATED PURGE (gal): 32.42
DEPTH TO WATER (feet): 17.74	ACTUAL PURGE VOL (gal): 11
Standing Water in Casing (feet) 16.21 x 0.20= 3.242 + DTW 20.98 =80% Recharge Water Level	

2 (inches)	Standing Water in Casing (feet)	x 0.5=	3 Casing Volumes (gal.)
4 (inches)	Standing Water in Casing (feet)	x 2.0=	3 Casing Volumes (gal.)
6 (inches)	Standing Water in Casing (feet)	x 4.4=	3 Casing Volumes (gal.)
8 (inches)	Standing Water in Casing (feet)	x 7.8=	3 Casing Volumes (gal.)

Date Purged: 03/10/05 Start (2400 Hr.): 1301 End (2400 Hr.): 1313

Date Sampled: 03/10/05 Time (2400 Hr.): 1325 DTW @ Samp. Time: 18.31

FIELD QC SAMPLES COLLECTED AT THIS WELL (IE: FB-1, X-DUP-1): NO HCL

TIME (2400 Hr.)	VOLUME (gallons)	TEMP (degrees F)	E.C. (uS/cm) X1000	pH (units)	COLOR (visual)*	TURBIDITY (visual)**	TOTALIZE (gallons)
1306	4	75.4	2056	7.01	Cloudy	Light	
1308	8	74.5	2059	6.95	Yellow	Light	
1313	11	76.7	2077	7.03	"	"	

* (Color) Clear, Cloudy, Yellow, Brown ** (Turbidity) Heavy, Moderate, Light, Trace

PURGING EQUIPMENT		SAMPLING EQUIPMENT	
2" Bladder Pump	Bailer (Teflon)	2" Bladder Pump	Bailer (Stainless Steel)
Contrifugal Pump	Bailer (PVC)	Submersible Pump	Bailer (Teflon)
Submersible Pump	Bailer (Stainless Steel)	Dipper	Bailer (Disposable Teflon)
Redi-Flo2	Dedicated	Well Wizard	Dedicated

OTHER: VAC TRUCK	OTHER:

Well Condition (cap, cement, padlock, screws, lid, etc.):

Floating Product Thickness (feet): Color: Padlock Number:

COMMENTS: * Pulled strings & Readings stable @ 11 Gal
NO HCL

40 ml VOA, HCL: 4 1 liter amber, none: 16 ox poly, HNO3:

WATER LEVEL ONLY. NO SAMPLE COLLECTED: REVIEWED BY: Amoreno DATE: 3/4/05

APPENDIX C

Waste Disposal Documents