EBA ENGINEERING
CIVIL & ENVIRONMENTAL ENGINEERS

October 20, 2005

Mr. Stephen Bargsten
North Coast Regional Water Quality Control Board
5550 Skylane Blvd., Ste. A
Santa Rosa, CA 95403

RE: 3RD QUARTER 2005 QUARTERLY MONITORING AND SAMPLING REPORT
3015 COFFEY LANE, SANTA ROSA, CALIFORNIA
EBA Project No. 97-602 (31)

Dear Mr. Bargsten:

Please find enclosed the Third Quarter 2005 Monitoring and Sampling Report prepared by EBA Engineering (EBA) for the site located at 3015 Coffey Lane in Santa Rosa, California (Figure 1). The monitoring was performed to comply with quarterly monitoring requirements mandated by the North Coast Regional Water Quality Control Board (NCRWQCB) in their letter dated June 10, 1997.

QUARTERLY MONITORING AND SAMPLING

On July 14, 2005, EBA collected groundwater samples and recorded groundwater level measurements from on-site monitoring wells AR-1, MW-1, MW-4, and MW-8. EBA also recorded groundwater level measurements from the six on-site extraction wells EW-1 through EW-6. The groundwater level measurements were then used to calculate groundwater flow direction and gradient. During this sampling event, the groundwater flow direction was calculated to range from approximately North 46° West to North 90° West with a hydraulic gradient ranging from 0.004 foot/foot to 0.007 foot/foot. Groundwater elevation measurements are shown on the Potentiometric Surface Map, Figure 2, and are summarized in Table 1.

Field data sheets detailing groundwater pH, electrical conductivity, and temperature during the purging of monitoring wells AR-1, MW-1, MW-4, and MW-8 are attached. Each monitoring well was purged until the water quality parameters had stabilized and a minimum of three well volumes was removed. Purge water is stored on-site in properly labeled 55-gallon DOT 17H drums pending disposal. Monitoring wells AR-4 and MW-5R were inaccessible during this sampling event.

Groundwater samples were collected from the monitoring wells using a single-sample disposable bailer fitted with a bottom-emptying device to minimize water degassing. Groundwater samples collected from the monitoring wells were transferred into properly labeled, laboratory supplied sterile sample containers. The groundwater samples were logged on a Chain-of-Custody form and placed under refrigerated conditions. A courier from Alpha Analytical Laboratories, Inc., a California State-certified laboratory, picked up the samples for chemical analytical testing. The Certified Analytical Report and Chain-of-Custody form are included with this report.

825 Sonoma Avenue, Suite C Santa Rosa, California 95404 (707) 544-0784 FAX (707) 544-0866
Also in Southern California

GROUNDWATER ANALYSIS

All groundwater samples were analyzed for Total Petroleum Hydrocarbons as gasoline (TPH-g) using Environmental Protection Agency (EPA) Method 8260GRO. The constituents benzene, toluene, ethylbenzene, total xylenes (BTEX) and the fuel oxygenate Methyl tert-Butyl Ether (MtBE) were analyzed using EPA Method 8260B. A complete summary of analytical data is included in Table 2.

ANALYTICAL RESULTS

The analytical results indicate that concentrations of TPH-g and benzene were detected in the samples collected from monitoring wells AR-1, MW-1, and MW-8. BTEX constituents were detected at low concentrations in samples collected from monitoring wells AR-1, MW-1, MW-4, and MW-8. MtBE was not detected at or above the Practical Quantitation Limit (PQL) in any of the groundwater samples analyzed.

The analytical results are consistent with historical data trends that indicate that the majority of contamination exists in the area of the former underground storage tanks and in the vicinity of MW-5R.

If you should have any questions regarding this report, please do not hesitate to contact EBA at (707) 544-0784.

Sincerely,
EBA ENGINEERING

Maxwell Wilmarth
Staff Geologist

Supervised by

Duane Butler, P.E., R.E.A.
C.E. #13357

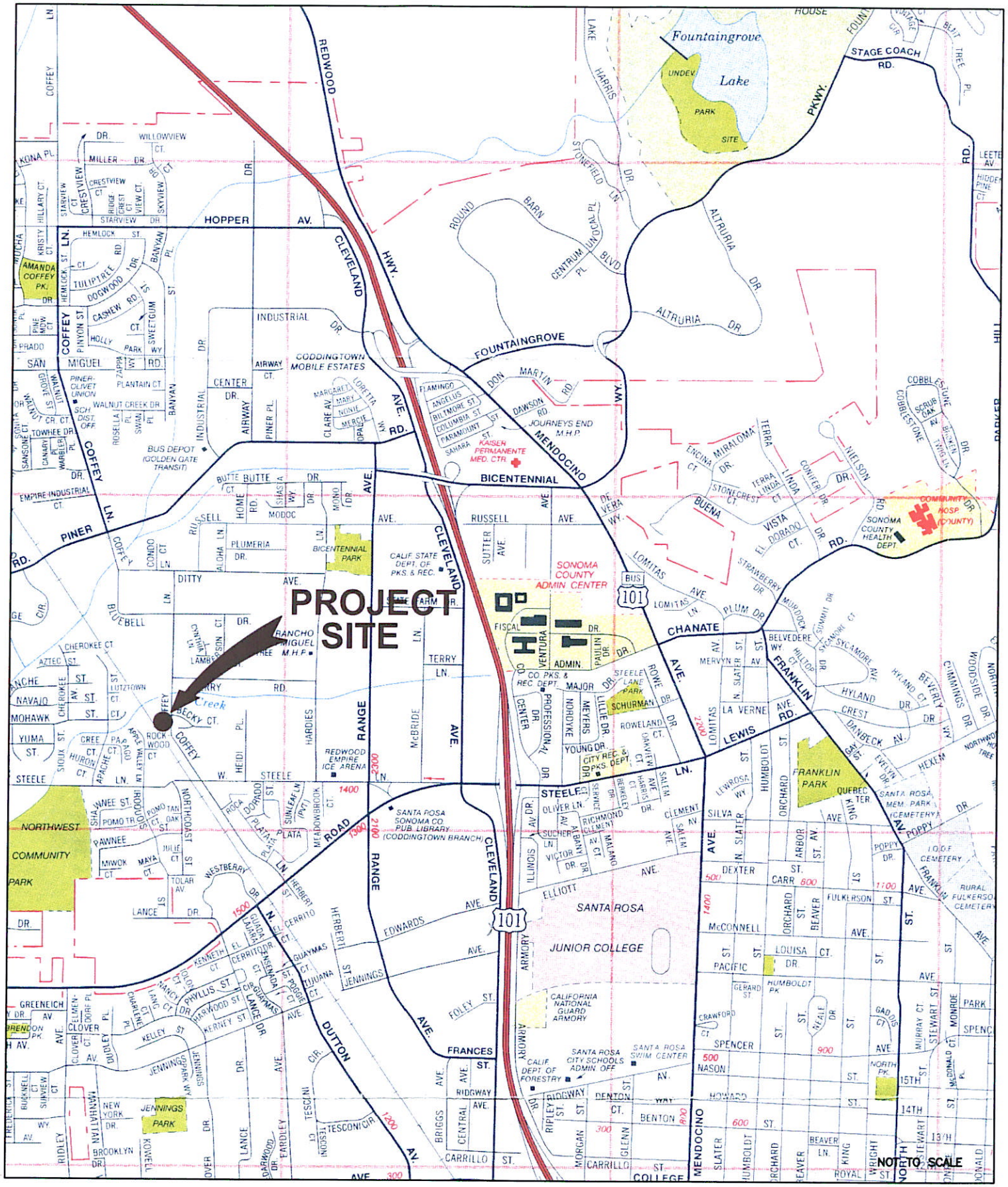
Reviewed by

Matthew J. Earnshaw, P.G.
Project Geologist

REGISTERED PROFESSIONAL ENGINEER
DUANE W. BUTLER
No. 13357
EXP 3/31/07
CIVIL
State of California

Attach: Figure 1: Vicinity Map
Figure 2: Groundwater Potentiometric Surface Map, July 14, 2005
Table 1: Monitoring Well Survey and Groundwater Elevation Data
Table 2: Groundwater Sample Analytical Results
Field Data Sheets
Certified Analytical Report and Chain-of-Custody Record

cc: Mrs. Darlene Donaldson, P.O. Box 60, Sebastopol, CA 95472



EBA

VICINITY MAP

3015 COFFEY LANE

SANTA ROSA, CALIFORNIA

FIGURE 1

97-602

2:\97-602\location map.dwg, FIG 1, 06/01/2004 11:06:34 AM

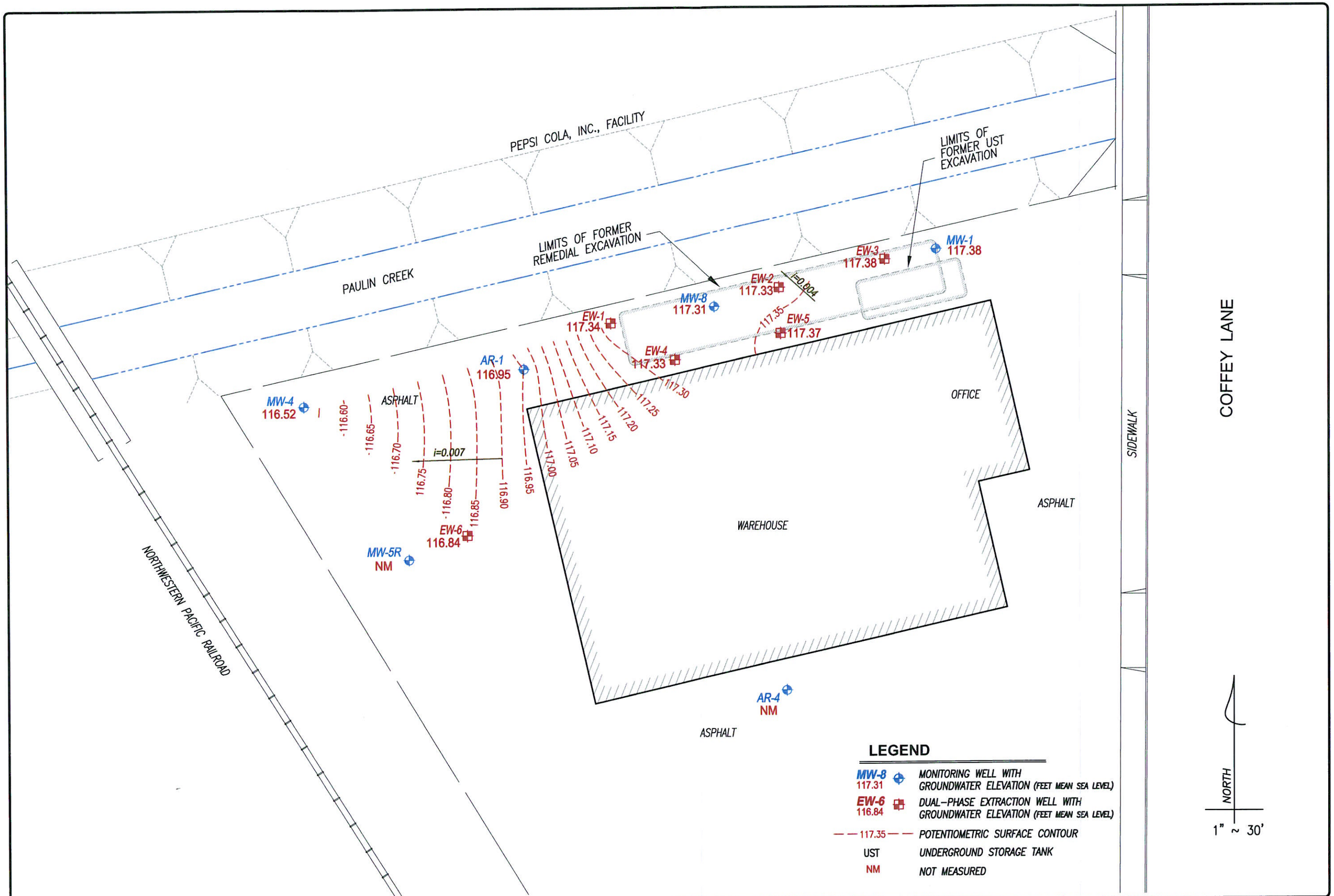


FIGURE 2

97-602

GROUNDWATER POTENTIOMETRIC SURFACE MAP
JULY 14, 2005

3015 COFFEY LANE
SANTA ROSA, CALIFORNIA

EBA

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TABLE 1
MONITORING WELL SURVEY AND GROUNDWATER ELEVATION DATA
3015 Coffey Lane, Santa Rosa, California

Well ID	Date Measured	Screened Interval	TOC Elevation (feet MSL)	Depth to Groundwater (feet)	Groundwater Elevation (feet MSL)
	3/18/1993			9.02	118.47
	4/19/1993			9.95	117.54
	5/13/1993			10.65	116.84
	6/23/1993			10.87	116.62
	7/27/1993			11.28	116.21
	8/16/1993			11.34	116.15
	9/14/1993			11.50	115.99
	10/15/1993			9.90	117.59
	11/17/1993			11.21	116.28
	12/15/1993			9.07	118.42
	1/18/1994			10.79	116.70
	2/9/1994			9.33	118.16
	10/12/1994			11.40	116.09
	8/16/1995			11.27	116.22
	3/29/1999			9.36	118.13
	6/24/1999			10.86	116.63
	9/22/1999			11.40	116.09
	12/8/1999			10.51	116.98
	3/23/2000		127.49	9.81	117.68
	6/7/2000			10.49	117.00
	10/3/2000			11.41	116.08
AR-1	1/30/2001	5.5-22'		9.55	117.94
	4/9/2001			10.31	117.18
	7/11/2001			11.32	116.17
	10/9/2001			11.68	115.81
	1/22/2002			9.88	117.61
	4/26/2002			10.31	117.18
	7/23/2002			11.08	116.41
	10/7/2002			11.39	116.10
	1/15/2003			8.28	119.21
	4/22/2003			9.62	117.87
	7/10/2003			10.58	116.91
	10/21/2003			11.22	116.27
	1/15/2004			9.10	118.39
	4/14/2004			10.04	117.45
	7/29/2004			11.02	116.47
	10/7/2004			11.09	116.40
	1/12/2005			8.43	119.04
	4/29/2005			9.97	117.50
	7/14/2005		127.47**	10.52	116.95
	10/28/2005			NM	NM
	1/11/2006			NM	NM

TABLE 1
MONITORING WELL SURVEY AND GROUNDWATER ELEVATION DATA
3015 Coffey Lane, Santa Rosa, California

Well ID	Date Measured	Screened Interval	TOC Elevation (feet MSL)	Depth to Groundwater (feet)	Groundwater Elevation (feet MSL)
AR-2	3/18/1993	6-19.3'	127.21	7.65	119.56
	4/19/1993			8.44	118.77
	5/13/1993			9.16	118.05
	6/23/1993			9.35	117.86
	7/27/1993			9.73	117.48
	8/16/1993			9.73	117.48
	9/14/1993			9.96	117.25
	10/15/1993			8.55	118.66
	11/17/1993			9.73	117.48
	12/15/1993			7.68	119.53
	1/18/1994			9.34	117.87
	2/9/1994			7.81	119.40
	10/12/1994			9.84	117.37
	8/16/1995			10.05	116.99
	3/29/1999			7.91	119.30
	6/25/1999			9.52	117.69
	9/22/1999			10.12	117.09
	12/8/1999			9.11	118.10
	3/23/2000			8.51	118.70
	6/7/2000			9.06	118.15
	10/3/2000			10.03	117.18
	1/30/2001			8.20	119.01
	4/9/2001			8.91	118.30
	7/11/2001			10.00	117.21
	10/9/2001			10.30	116.91
	1/22/2002			8.62	118.59
	Monitoring Well AR-2 Abandoned				
AR-3	3/18/1993	6-19.6'	127.49	7.05	120.44
	4/19/1993			8.11	119.38
	5/13/1993			9.29	118.20
	6/23/1993			9.42	118.07
	7/27/1993			9.83	117.66
	8/16/1993			9.72	117.77
	9/14/1993			10.05	117.44
	10/15/1993			8.51	118.98
	11/17/1993			9.91	117.58
	12/15/1993			6.91	120.58
	1/18/1994			9.41	118.08
	2/9/1994			7.09	120.40
	10/12/1994			9.94	117.55
	8/16/1995			9.96	117.53
	3/29/1999			7.30	120.19
	6/25/1999			9.51	117.98
	9/22/1999			10.30	117.19
	12/8/1999			8.94	118.55

TABLE 1
MONITORING WELL SURVEY AND GROUNDWATER ELEVATION DATA
3015 Coffey Lane, Santa Rosa, California

Well ID	Date Measured	Screened Interval	TOC Elevation (feet MSL)	Depth to Groundwater (feet)	Groundwater Elevation (feet MSL)
AR-3 continued	3/23/2000	6-19.6'	127.49	8.06	119.43
	6/7/2000			8.79	118.70
	10/3/2000			10.05	117.44
	1/30/2001			7.41	120.08
	4/9/2001			8.58	118.91
	7/11/2001			9.99	117.50
	10/9/2001			10.37	117.12
	1/22/2002			8.24	119.25
	Monitoring Well AR-3 Abandoned				
AR-4	3/18/1993	6-19.5'	127.46	7.11	120.35
	4/19/1993			8.23	119.23
	5/13/1993			9.30	118.16
	6/23/1993			9.53	117.93
	7/27/1993			9.96	117.50
	8/16/1993			9.86	117.60
	9/14/1993			10.18	117.28
	10/15/1993			8.63	118.83
	11/17/1993			10.02	117.44
	12/15/1993			6.96	120.50
	1/18/1994			9.51	117.95
	2/9/1994			7.19	120.27
	10/12/1994			10.05	117.41
	8/16/1995			10.02	117.44
	3/29/1999			7.41	110.03
	6/24/1999			9.61	117.85
	9/22/1999			10.40	117.06
	12/8/1999			9.05	118.41
	3/23/2000			8.17	119.29
	6/7/2000			8.90	118.56
	10/3/2000			10.17	117.92
	1/30/2001			7.56	119.90
	4/9/2001			8.68	118.78
	7/11/2001			10.10	117.36
	10/9/2001			NM	NM
	1/22/2002			8.33	119.13
	4/26/2002			9.03	118.43
	7/23/2002			9.86	117.60
	10/7/2002			10.18	117.28
	1/15/2003			6.57	120.89
	4/22/2003			8.08	119.38
	7/10/2003			9.46	118.00
	10/21/2003			10.11	117.35
	1/15/2004			7.34	120.12
	4/14/2004			8.80	118.66
	7/29/2004			9.96	117.50
	10/7/2004			10.22	117.24
	1/12/2005		127.41**	6.65	120.76
	4/29/2005			8.68	118.73
	7/14/2005			NM	NM

TABLE 1
MONITORING WELL SURVEY AND GROUNDWATER ELEVATION DATA
3015 Coffey Lane, Santa Rosa, California

Well ID	Date Measured	Screened Interval	TOC Elevation (feet MSL)	Depth to Groundwater (feet)	Groundwater Elevation (feet MSL)
AR-4 continued	10/28/2005	6-19.5'	127.61***	9.76	117.85
	1/11/2006			7.67	119.94
MW-1	3/18/1993	10'-20'	126.80	7.98	118.82
	4/19/1993			8.60	118.20
	5/13/1993			9.19	117.61
	6/23/1993			9.28	117.52
	7/27/1993			9.57	117.23
	8/16/1993			9.67	117.13
	9/14/1993			9.84	116.96
	10/15/1993			8.68	118.12
	11/17/1993			9.57	117.23
	12/15/1993			8.20	118.60
	1/18/1994			9.30	117.50
	2/9/1994			8.24	118.56
	10/12/1994			9.73	117.07
	8/16/1995			9.47	117.33
	3/29/1999			7.31	119.49
	6/24/1999			10.27	116.53
	9/22/1999			10.12	116.68
	12/8/1999			9.29	117.51
	3/23/2000			8.76	118.04
	6/7/2000			9.30	117.50
	10/3/2000			10.07	116.73
	1/30/2001			8.51	118.29
	4/9/2001			9.19	117.61
	7/11/2001			10.09	116.81
	10/9/2001			10.34	116.46
	1/22/2002			8.81	117.99
	4/26/2002			9.20	117.60
	7/23/2002			9.86	116.94
	10/7/2002			10.12	116.68
	1/15/2003			7.48	119.32
	4/22/2003			8.55	118.25
	7/10/2003			9.42	117.38
	10/21/2003			9.91	116.89
	1/15/2004			8.12	118.68
	4/14/2004			8.96	117.84
	7/29/2004			9.83	116.97
	10/7/2004			9.90	116.90
	1/12/2005			7.51	119.29
	4/29/2005			8.91	117.89
	7/14/2005			9.42	117.38
	10/28/2005			9.38	117.42
	1/11/2006			8.08	118.72

TABLE 1
MONITORING WELL SURVEY AND GROUNDWATER ELEVATION DATA
3015 Coffey Lane, Santa Rosa, California

Well ID	Date Measured	Screened Interval	TOC Elevation (feet MSL)	Depth to Groundwater (feet)	Groundwater Elevation (feet MSL)
MW-2	3/18/1993	10-23.4'	127.50	8.34	119.16
	4/19/1993			9.15	118.35
	5/13/1993			10.01	117.49
	6/23/1993			10.21	117.29
	7/27/1993			10.75	116.75
	8/16/1993			10.79	116.71
	9/14/1993			11.00	116.50
	10/15/1993			9.94	117.56
	11/17/1993			10.72	116.78
	12/15/1993			8.44	119.06
	1/18/1994			10.19	117.31
	2/9/1994			8.51	118.99
	10/12/1994			10.91	116.59
	Monitoring Well MW-2 Abandoned				
MW-3	3/18/1993	8-20'	126.99	7.88	119.11
	4/19/1993			8.60	118.39
	5/13/1993			9.35	117.64
	6/23/1993			9.53	117.46
	7/27/1993			9.98	117.01
	8/16/1993			10.03	116.96
	9/14/1993			10.22	116.77
	10/15/1993			9.08	117.91
	11/17/1993			9.94	117.05
	12/15/1993			8.02	118.97
	1/18/1994			9.48	117.51
	2/9/1994			8.05	118.94
	10/12/1994			10.11	116.88
	Monitoring Well MW-3 Abandoned				

TABLE 1
MONITORING WELL SURVEY AND GROUNDWATER ELEVATION DATA
3015 Coffey Lane, Santa Rosa, California

Well ID	Date Measured	Screened Interval	TOC Elevation (feet MSL)	Depth to Groundwater (feet)	Groundwater Elevation (feet MSL)
MW-4	8/16/1993	10-20'	126.69	10.92	115.77
	9/14/1993			11.05	115.64
	10/15/1993			9.18	117.51
	11/17/1993			10.77	115.92
	12/15/1993			8.77	117.92
	1/18/1994			10.42	116.27
	2/9/1994			9.03	117.66
	10/12/1994			10.95	115.74
	8/16/1995			10.85	115.84
	3/29/1999			9.22	117.47
	6/24/1999			10.60	116.09
	9/22/1999			10.99	115.70
	12/8/1999			10.33	116.36
	3/23/2000			9.62	117.07
	6/7/2000			10.30	116.39
	10/3/2000			11.10	115.59
	1/30/2001			9.45	117.24
	4/9/2001			10.10	116.59
	7/11/2001			10.97	115.72
	10/9/2001			11.30	115.39
	1/22/2002			9.67	117.02
	4/26/2002			10.05	116.64
	7/23/2002			10.66	116.03
	10/7/2002			10.97	115.72
	1/15/1930			8.21	118.48
	4/22/2003			9.44	117.25
	7/10/2003			10.19	116.50
	10/21/2003			10.74	115.95
	1/15/2004			8.95	117.74
	4/14/2004			9.75	116.94
	7/29/2004			10.58	116.11
	10/7/2004			10.62	116.07
	1/12/2005		126.71**	8.29	118.42
	4/29/2005			9.69	117.02
	7/14/2005			10.19	116.52
	10/28/2005		126.32***	9.73	116.59
	1/11/2006			8.51	117.81

TABLE 1
MONITORING WELL SURVEY AND GROUNDWATER ELEVATION DATA
3015 Coffey Lane, Santa Rosa, California

Well ID	Date Measured	Screened Interval	TOC Elevation (feet MSL)	Depth to Groundwater (feet)	Groundwater Elevation (feet MSL)
MW-5	8/16/1995	5'-20'	126.58*	10.73	115.85
	3/29/1999			NM	NM
	6/24/1999			10.46	116.12
	9/22/1999			10.89	115.69
	12/8/1999			10.16	116.42
	3/23/2000			9.45	117.13
	6/7/2000			10.11	116.47
	10/3/2000			10.99	115.59
	1/30/2001			9.18	117.40
	4/9/2001			9.95	116.63
	7/11/2001			10.87	115.71
	10/9/2001			11.20	115.38
	1/22/2002			9.51	117.07
	4/26/2002			9.92	116.66
	7/23/2002			10.58	116.00
	10/7/2002			10.88	115.70
	1/15/2003			7.90	118.68
	4/22/2003			NM	NM
	7/10/2003			10.08	116.50
	10/21/2003			10.73	115.85
	1/15/2004			NM	NM
	4/14/2004			NM	NM
	7/29/2004			NM	NM
	10/7/2004			NM	NM
	Monitoring Well MW-5 Abandoned				
MW-5R	1/12/2005	5-20'	127.02	8.32	118.70
	4/29/2005			9.91	117.11
	7/14/2005			NM	NM
	10/28/2005		126.80***	10.30	116.50
	1/11/2006			8.86	117.94

TABLE 1
MONITORING WELL SURVEY AND GROUNDWATER ELEVATION DATA
3015 Coffey Lane, Santa Rosa, California

Well ID	Date Measured	Screened Interval	TOC Elevation (feet MSL)	Depth to Groundwater (feet)	Groundwater Elevation (feet MSL)
MW-8	3/29/1999	5'-20'	127.00	8.56	118.44
	6/25/1999			9.63	117.37
	9/22/1999			10.94	116.06
	12/8/1999			9.81	117.19
	3/23/2000			9.06	117.94
	6/7/2000			9.80	117.20
	10/3/2000			10.81	116.19
	1/30/2001			8.76	118.24
	4/9/2001			9.60	117.40
	7/11/2001			10.74	116.26
	10/9/2001			11.10	115.90
	1/22/2002			9.10	117.90
	4/26/2002			9.65	117.35
	7/23/2002			10.51	116.49
	10/7/2002			10.84	116.16
	1/15/2003			7.44	119.56
	4/22/2003			8.83	118.17
	7/10/2003			9.98	117.02
	10/21/2003			10.63	116.37
	1/15/2004			8.30	118.70
	4/14/2004			9.38	117.62
	7/29/2004			10.45	116.55
	10/7/2004			10.58	116.42
	1/12/2005		127.22**	7.63	119.59
	4/29/2005			9.28	117.94
	7/14/2005			9.91	117.31
	10/28/2005			10.24	116.98
	1/11/2006			8.27	118.95
EW-1	1/12/2005	5-20'	127.05	7.45	119.60
	4/29/2005			9.09	117.96
	7/14/2005			9.71	117.34
	10/28/2005		127.01***	10.04	116.97
	1/11/2006			8.07	118.94
EW-2	1/12/2005	5-20'	127.43	7.83	119.60
	4/29/2005			9.47	117.96
	7/14/2005			10.10	117.33
	10/28/2005			10.40	117.03
	1/11/2006			8.48	118.95
EW-3	1/12/2005	5-20'	127.03	7.43	119.60
	4/29/2005			9.06	117.97
	7/14/2005			9.65	117.38
	10/28/2005			NM	NM
	1/11/2006			NM	NM

TABLE 1
MONITORING WELL SURVEY AND GROUNDWATER ELEVATION DATA
3015 Coffey Lane, Santa Rosa, California

Well ID	Date Measured	Screened Interval	TOC Elevation (feet MSL)	Depth to Groundwater (feet)	Groundwater Elevation (feet MSL)
EW-4	1/12/2005	5-20'	127.62	8.05	119.57
	4/29/2005			9.66	117.96
	7/14/2005			10.29	117.33
	10/28/2005			10.62	117.00
	1/11/2006			8.66	118.96
EW-5	1/12/2005	5-20'	127.48	7.83	119.03
	4/29/2005			9.46	118.02
	7/14/2005			10.11	117.37
	10/28/2005			10.41	117.07
	1/11/2006			8.46	119.02
EW-6	1/12/2005	5-20'	127.48	8.45	119.03
	4/29/2005			10.07	117.41
	7/14/2005			10.64	116.84
	10/28/2005		127.47***	10.80	116.67
	1/11/2006			9.18	118.22

TOC = Top of Casing.

MSL = Mean Sea Level.

NM = Not Measured.

* MW-5 well casing damaged.

** Well re-surveyed by EBA on April 29, 2005.

*** Well re-surveyed by EBA on January 11, 2006.

TABLE 2
GROUNDWATER SAMPLE ANALYTICAL RESULTS
3015 Coffey Lane, Santa Rosa, California
TPH-g, BTEX & MtBE

Sample ID	Sample Date	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MtBE (µg/L)
AR-1	6/25/1992	**5,567**	**821**	**254**	**190**	**967**	NA
	4/19/1993	**150**	**112**	**3.1**	<0.50	<0.50	NA
	8/17/1993	**3,400**	**1,000**	**130**	**60**	**3.4**	NA
	11/17/1993	**800**	**430**	**12**	**13**	**33**	NA
	2/9/1994	**2,300**	**560**	**100**	**96**	**350**	NA
	10/12/1994	**420**	**190**	**11**	**15**	**58**	NA
	8/25/1995	<50	**4.2**	<0.50	<0.50	<0.50	NA
	3/29/1999	**640**	**210**	**16**	**20**	**49**	<0.50
	6/24/1999	**360**	**82**	**2.0**	**6.0**	**10**	<0.50
	9/22/1999	**140**	**35**	**1.0**	**4.0**	**8.0**	<0.50
	12/8/1999	**240**	**52**	**2.0**	**8.0**	**11**	<0.50
	3/23/2000	**340**	**93**	**1.9**	**5.1**	**7.5**	<1.0
	6/7/2000	**130**	**33**	**0.42**	**2.0**	**1.8**	<1.0
	10/3/2000	<50	**4.7**	<0.50	<0.50	<0.50	<1.0
	1/30/2001	**430**	**74**	**1.5**	**6.9**	**9.7**	<1.0
	4/9/2001	**190**	**52**	**0.86**	**2.1**	**1.9**	ND
	7/11/2001	<50	**2.5**	<0.30	<0.50	<0.50	<1.0
	10/9/2001	<50	**1.4**	<0.30	<0.50	<0.50	<1.0
	1/22/2002	**480**	**88**	**3.4**	**8.4**	**13**	<1.0
	4/26/2002	**250**	**70**	**0.69**	**2.1**	**2.0**	<2.5
	7/23/2002	**120**	**20**	**0.36**	**1.4**	**0.76**	<1.0
	10/7/2002	**58**	<0.30	<0.30	<0.50	<0.50	<1.0
	1/15/2003	**2,100**	**360**	**11**	**35**	**43**	<9.0
	4/22/2003	**530**	**130**	**1.7**	**3.6**	**6.4**	<1.1
	7/10/2003	**250**	**45**	**0.99**	**1.9**	**1.4**	<1.0
	10/21/2003	**110**	**14**	<0.30	**0.60**	**0.51**	<1.0
	1/15/2004	**910**	**260**	**9.2**	**19**	**22**	<10
	4/14/2004	**200**	**53**	<1.5	<2.5	<2.5	<2.5
	7/29/2004	**120**	**14**	<0.30	<0.50	<0.50	<0.50
	10/7/2004	<100	**5.3**	<0.60	<1.0	<1.0	<1.0
	1/12/2005	**1,900**	**370**	**9.3**	**35**	**31**	<5.0
	4/29/2005	**650**	**200**	<3.0	<5.0	<5.0	<5.0
	7/14/2005	**190**	**43**	**0.48**	**0.65**	**1.3**	<0.50
	10/28/2005	NS	NS	NS	NS	NS	NS
AR-2	6/25/1992	**635**	**67**	**25**	<0.50	**88**	NA
	4/19/1993	<50	<0.50	<0.50	<0.50	<0.50	NA
	8/17/1993	<50	<0.50	<0.50	<0.50	<0.50	NA
	11/17/1993	<50	<0.50	<0.50	<0.50	<0.50	NA
	2/9/1994	<50	<0.50	<0.50	<0.50	<0.50	NA
	10/12/1994	<50	<0.50	<0.50	<0.50	<0.50	NA
	8/17/1995	<50	<0.50	<0.50	<0.50	<0.50	NA
	3/29/1999	<50	<0.50	<0.50	<0.50	<1.0	<0.50
	6/25/1999	<50	<0.50	<0.50	<0.50	<1.0	<0.50
	9/22/1999	<50	<0.50	<0.50	<0.50	<1.0	<0.50
	12/8/1999	<50	<0.50	<0.50	<0.50	<1.0	<0.50
	3/23/2000	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	6/7/2000	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	10/3/2000	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	1/30/2001	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	4/9/2001	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	7/11/2001	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	10/9/2001	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	1/22/2002	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	Monitoring Well AR-2 Abandoned						

TABLE 2
GROUNDWATER SAMPLE ANALYTICAL RESULTS
3015 Coffey Lane, Santa Rosa, California
TPH-g, BTEX & MtBE

Sample ID	Sample Date	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MtBE (µg/L)
AR-3	6/25/1992	<50	<0.50	<0.50	<0.50	<0.50	NA
	4/19/1993	<50	<0.50	<0.50	<0.50	<0.50	NA
	8/17/1993	<50	<0.50	<0.50	<0.50	<0.50	NA
	11/17/1993	<50	<0.50	<0.50	<0.50	<0.50	NA
	2/9/1994	<50	<0.50	<0.50	<0.50	<0.50	NA
	10/12/1994	<50	<0.50	<0.50	<0.50	<0.50	NA
	8/17/1995	<50	<0.50	<0.50	<0.50	<0.50	NA
	3/29/1999	<50	<0.50	<0.50	<0.50	<1.0	<0.50
	6/25/1999	<50	<0.50	<0.50	<0.50	<1.0	<0.50
	9/22/1999	**72**	<0.50	<0.50	<0.50	<1.0	<0.50
	12/8/1999	<50	<0.50	<0.50	**0.80**	**2.0**	<0.50
	3/23/2000	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	6/7/2000	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	10/3/2000	<50	<0.30	<0.30	<0.50	<0.50	**3.3**
	1/30/2001	<50	<0.30	<0.30	<0.50	<0.50	**1.9**
	4/9/2001	<50	<0.30	<0.30	<0.50	<0.50	**2.7**
	7/11/2001	<50	<0.30	<0.30	<0.50	<0.50	**2.5**
	10/9/2001	<50	<0.30	<0.30	<0.50	<0.50	**1.6**
	1/22/2002	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	Monitoring Well AR-3 Abandoned						
AR-4	6/25/1992	<50	<0.50	<0.50	<0.50	<0.50	NA
	4/19/1993	<50	<0.50	<0.50	<0.50	<0.50	NA
	8/17/1993	<50	<0.50	<0.50	<0.50	<0.50	NA
	11/17/1993	<50	<0.50	<0.50	<0.50	<0.50	NA
	2/9/1994	<50	<0.50	<0.50	<0.50	<0.50	NA
	10/12/1994	<50	<0.50	<0.50	<0.50	<0.50	NA
	8/17/1995	<50	<0.50	<0.50	<0.50	<0.50	NA
	3/29/1999	<50	<0.50	<0.50	<0.50	<1.0	<0.50
	6/24/1999	<50	<0.50	<0.50	<0.50	<1.0	<0.50
	9/22/1999	**280**	<0.50	<0.50	**0.93**	<1.0	<0.50
	12/8/1999	<50	**7.0**	**0.60**	**1.0**	**1.0**	<0.50
	3/23/2000	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	6/7/2000	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	10/3/2000	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	1/30/2001	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	4/9/2001	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	7/11/2001	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	10/9/2001	NS	NS	NS	NS	NS	NS
	1/22/2002	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	4/26/2002	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	7/23/2002	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	10/7/2002	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	1/15/2003	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	4/22/2003	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	7/10/2003	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	10/21/2003	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	1/15/2004	<50	<0.30	<0.30	<0.50	<0.50	<0.50
	4/14/2004	<50	<0.30	<0.30	<0.50	<0.50	<0.50
	7/29/2004	<50	<0.30	<0.30	<0.50	<0.50	<0.50
	10/7/2004	<50	<0.30	<0.30	<0.50	<0.50	<0.50
	1/12/2005	<50	<0.30	<0.30	<0.50	<0.50	<0.50
	4/29/2005	<50	<0.30	<0.30	<0.50	<0.50	<0.50
	7/14/2005	NS	NS	NS	NS	NS	NS
	10/28/2005	<50	<0.30	<0.30	<0.50	<0.50	<0.50

TABLE 2
GROUNDWATER SAMPLE ANALYTICAL RESULTS
3015 Coffey Lane, Santa Rosa, California
TPH-g, BTEX & MtBE

Sample ID	Sample Date	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MtBE (µg/L)
MW-1	2/1/1990	**28,000**	**1,500**	**74**	**3.0**	**190**	NA
	6/25/1992	**4,526**	**3,328**	**99**	**463**	**283**	NA
	4/19/1993	**19,000**	**1,400**	**110**	**22**	**220**	NA
	8/17/1993	**8,800**	**2,200**	**21**	**26**	**58**	NA
	11/17/1993	**2,800**	**330**	**9.0**	**5.6**	**37**	NA
	2/9/1994	**6,900**	**1,500**	**39**	**99**	**120**	NA
	10/12/1994	**470**	**41**	**1.4**	**<0.50**	**<0.50**	NA
	8/16/1995	**4,200**	**1,300**	**28**	**92**	**110**	NA
	3/29/1999	**2,000**	**640**	**20**	**53**	**64**	<0.50
	6/25/1999	**240**	**14**	<0.50	**2.0**	**2.0**	<0.50
	9/22/1999	<50	**0.59**	<0.50	<0.50	<1.0	<0.50
	12/8/1999	**160**	**14**	**4.0**	**4.0**	**14**	<0.50
	3/23/2000	**2,200**	**640**	**13**	**32**	**35**	<8
	6/7/2000	**1,900**	**590**	**4.9**	**7.5**	**21**	<1.0
	10/3/2000	**51**	**1.2**	<0.30	<0.50	**0.62**	<1.0
	1/30/2001	**600**	**120**	<1.2	**9.2**	**8.6**	<9.0
	4/9/2001	**1,700**	**440**	**8.7**	**11**	**16**	<22
	7/11/2001	**54**	**1.7**	<0.30	<0.50	<0.50	<1.0
	10/9/2001	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	1/22/2002	**1,100**	**170**	**4.6**	**12**	**16**	<2.0
	4/26/2002	**920**	**170**	**3.2**	**4.9**	**7.7**	<8.7
	7/23/2002	**80**	**3.3**	<0.30	**0.65**	**0.75**	<1.0
	10/7/2002	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	1/15/2003	**1,900**	**240**	**7.4**	**34**	**37**	<9.0
	4/22/2003	**2,500**	**500**	**9.1**	**17**	**32**	<5.4
	7/10/2003	**200**	**13**	<0.30	**0.54**	**0.66**	<1.0
	10/21/2003	<50	**0.47**	<0.30	<0.50	<0.50	<1.0
	1/15/2004	**1,700**	**250**	<15	**40**	**39**	<25
	4/14/2004	**1,300**	**280**	**5.0**	**14**	**19**	<0.50
	7/29/2004	**560**	**7.3**	**0.31**	**6.2**	**4.2**	<0.50
	10/7/2004	**130**	**1.3**	<0.30	**1.5**	**1.1**	<0.50
	1/12/2005	**1,100**	**120**	<3.0	**13**	**11**	<5.0
	4/29/2005	**3,800**	**1,000**	**20**	**26**	**31**	<25
	7/14/2005	**2,600**	**370**	**11**	**9.6**	**24**	<0.50
	10/28/2005	**170**	**2.7**	<0.30	**1.5**	**0.95**	<0.50
MW-2	2/1/1990	**472,000**	**2,800**	**1,000**	<30	**1,200**	NA
	6/25/1992	**9,930**	**4,878**	**379**	**360**	**1,046**	NA
	4/19/1993	**19,000**	**1,400**	**110**	**22**	**220**	NA
	8/17/1993	**8,100**	**1,700**	**87**	<0.50	**46**	NA
	11/17/1993	**1,700**	**620**	**19**	**1.4**	**7.3**	NA
	2/10/1994	**7,100**	**540**	**96**	**48**	**130**	NA
	10/12/1994	**4,800**	**1,800**	**200**	**140**	**320**	NA
	Monitoring Well MW-2 Abandoned						

TABLE 2
GROUNDWATER SAMPLE ANALYTICAL RESULTS
3015 Coffey Lane, Santa Rosa, California
TPH-g, BTEX & MtBE

Sample ID	Sample Date	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MtBE (µg/L)
MW-3	2/1/1990	**18,000**	**1,400**	**7.0**	<1.5	**74**	NA
	6/25/1992	**2,405**	**1,163**	<0.50	**210**	**204**	NA
	4/19/1993	**16,000**	**1,300**	**54**	**530**	**330**	NA
	8/17/1993	**8,700**	**580**	**14**	**94**	**190**	NA
	11/17/1993	**1,500**	**160**	**1.6**	**1.0**	**6.2**	NA
	2/10/1994	**1,900**	**100**	**3.8**	**20**	**70**	NA
	10/12/1994	**1,500**	**76**	**1.9**	**40**	**31**	NA
	Monitoring Well MW-3 Abandoned						
MW-4	8/17/1993	<50	<0.50	<0.50	<0.50	<0.50	NA
	11/17/1993	<50	<0.50	<0.50	<0.50	<0.50	NA
	2/9/1994	<50	<0.50	<0.50	<0.50	<0.50	NA
	10/12/1994	<50	<0.50	<0.50	<0.50	<0.50	NA
	8/17/1995	<50	<0.50	<0.50	<0.50	<0.50	NA
	3/29/1999	<50	<0.50	<0.50	<0.50	<1.0	NA
	6/24/1999	<50	**0.60**	<0.50	<0.50	<1.0	<0.50
	9/22/1999	<50	<0.50	**0.80**	<0.50	<0.50	<0.50
	12/8/1999	<50	<0.50	**0.60**	<0.50	<0.50	<0.50
	3/23/2000	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	6/7/2000	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	10/3/2000	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	1/30/2001	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	4/9/2001	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	7/11/2001	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	10/9/2001	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	1/22/2002	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	4/26/2002	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	7/23/2002	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	10/7/2002	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	1/15/2003	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	4/22/2003	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	7/10/2003	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	10/21/2003	<50	<0.30	<0.30	<0.50	<0.50	<1.0
	1/15/2004	<50	<0.30	<0.30	<0.50	<0.50	<0.50
	4/14/2004	<50	<0.30	<0.30	<0.50	<0.50	<0.50
	7/29/2004	<50	<0.30	<0.30	<0.50	<0.50	<0.50
	10/7/2004	<50	<0.30	<0.30	<0.50	<0.50	<0.50
	1/12/2005	<50	**0.34**	<0.30	<0.50	<0.50	<0.50
	4/29/2005	<50	**1.8**	<0.30	<0.50	<0.50	<0.50
	7/14/2005	<50	**1.7**	<0.30	<0.50	<0.50	<0.50
	10/28/2005	<50	<0.30	<0.30	<0.50	<0.50	<0.50

TABLE 2
GROUNDWATER SAMPLE ANALYTICAL RESULTS
3015 Coffey Lane, Santa Rosa, California
TPH-g, BTEX & MtBE

Sample ID	Sample Date	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MtBE (µg/L)
MW-5	8/16/1995	**3,400**	**650**	**33**	**210**	**320**	NA
	3/29/1999	NS	NS	NS	NS	NS	NS
	6/24/1999	**2,000**	**180**	**5.0**	**88**	**82**	<0.50
	9/22/1999	**1,400**	**160**	**5.0**	**80**	**49**	***4.0**
	12/8/1999	**420**	**48**	**2.0**	**25**	**20**	<0.50
	3/23/2000	**2,500**	**330**	**6.7**	**58**	**168**	<8.0
	6/7/2000	**2,300**	**230**	**4.9**	**130**	**110**	<8.0
	10/3/2000	**2,000**	**210**	**1.8**	**110**	**59**	<8.0
	1/30/2001	**2,700**	**250**	**5.1**	**140**	**120**	<18
	4/9/2001	**2,400**	**190**	**4.8**	**130**	**110**	<18
	7/11/2001	**1,700**	**180**	**7.1**	**85**	**51**	<9.0
	10/9/2001	**2,100**	**170**	**4.8**	**65**	**31**	<9.0
	1/22/2002	**3,400**	**240**	**9.6**	**140**	**130**	<9.1
	4/26/2002	**2,800**	**190**	**5.8**	**73**	**65**	<17
	7/23/2002	**1,800**	**140**	**4.8**	**49**	**31**	<9.0
	10/7/2002	**1,800**	**130**	**4.8**	**46**	**22**	<8.7
	1/15/2003	**3,700**	**270**	**11**	**170**	**130**	<17
	4/22/2003	NS	NS	NS	NS	NS	NS
	7/10/2003	**2,800**	**150**	**4.7**	**54**	**39**	<4.5
	10/21/2003	**1,900**	**130**	**4.5**	**39**	**24**	<2.6
	1/15/2004	NS	NS	NS	NS	NS	NS
	4/14/2004	**3,400**	**370**	**16**	**150**	**89**	<25
	7/29/2004	NS	NS	NS	NS	NS	NS
	10/7/2004	NS	NS	NS	NS	NS	NS
	Monitoring Well MW-5 Abandoned						
MW-5R	1/12/2005	**56,000**	**4,200**	**570**	**2,100**	**3,900**	<50
	4/29/2005	**29,000**	**2,900**	**780**	**3,700**	**6,200**	<50
	7/14/2005	NS	NS	NS	NS	NS	NS
	10/28/2005	**11,000**	**1,700**	**94**	**990**	**1,000**	<10
MW-8	3/29/1999	<50	**6.0**	**0.5**	**0.7**	<1.0	<0.50
	6/25/1999	<50	<0.50	**2.0**	<0.50	<1.0	<0.50
	9/22/1999	**2,800**	**370**	**48**	**2.0**	**70**	**100**
	12/8/1999	**81**	**5**	**0.8**	<0.50	**2.0**	<0.50
	3/23/2000	**74**	**23**	**0.56**	<0.50	**0.7**	<1.0
	6/7/2000	**200**	**52**	**0.52**	**1.1**	**0.95**	<1.0
	10/3/2000	**420**	**130**	<0.30	**6.3**	**0.85**	<1.0
	1/30/2001	**890**	**290**	<1.8	**7.0**	<2.0	<5.0
	4/9/2001	**710**	**220**	<2.7	**3.8**	<6.5	<18
	7/11/2001	**67**	**17**	<0.30	<0.50	<0.50	<1.0
	10/9/2001	**1,800**	**240**	**12**	**7.0**	**11**	<9.0
	1/22/2002	**880**	**130**	<1.1	<1.1	<3.2	<3.8
	4/26/2002	**1,200**	**320**	<1.9	<1.1	<3.2	<8.7
	7/23/2002	**110**	**4.4**	<0.32	<0.50	<0.50	<1.0
	10/7/2002	**230**	**25**	**1.5**	<0.50	**2.6**	<2.0
	1/15/2003	**930**	**220**	<1.1	<1.1	<3.2	<9.0
	4/22/2003	**1,200**	**290**	<2.2	<2.2	<6.5	<2.2
	7/10/2003	**1,800**	**360**	**4.7**	<0.55	**2.9**	<4.3
	10/21/2003	**250**	**41**	<0.30	<0.50	**0.59**	<1.0
	1/15/2004	**320**	**100**	<1.5	<2.5	<2.5	<2.5
	4/14/2004	**390**	**86**	<3.0	<5.0	<5.0	<5.0
	7/29/2004	**91**	**0.50**	<0.30	<0.50	<0.50	<0.50
	10/7/2004	**160**	**0.50**	<0.30	<0.50	<0.50	<0.50
	1/12/2005	**740**	**160**	**3.8**	<2.5	**3.8**	<2.5
	4/29/2005	**1,000**	**110**	<1.5	<2.5	**7.6**	<2.5
	7/14/2005	**400**	**4.8**	**0.36**	<0.50	**1.3**	<0.50
	10/28/2005	**63**	<0.30	<0.30	<0.50	<0.50	<0.50

TABLE 2
GROUNDWATER SAMPLE ANALYTICAL RESULTS
3015 Coffey Lane, Santa Rosa, California
TPH-g, BTEX & MtBE

Sample ID	Sample Date	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MtBE (µg/L)
EW-1	1/12/2005	**1,700**	**71**	**2.0**	**1.3**	**5.4**	<1.0
	4/29/2005	NS	NS	NS	NS	NS	NS
	7/14/2005	NS	NS	NS	NS	NS	NS
	10/28/2005	NS	NS	NS	NS	NS	NS
EW-2	1/12/2005	**51**	**7.3**	<0.30	<0.50	<0.50	<0.50
	4/29/2005	NS	NS	NS	NS	NS	NS
	7/14/2005	NS	NS	NS	NS	NS	NS
	10/28/2005	NS	NS	NS	NS	NS	NS
EW-3	1/12/2005	<50	<0.30	<0.30	<0.50	<0.50	<0.50
	4/29/2005	NS	NS	NS	NS	NS	NS
	7/14/2005	NS	NS	NS	NS	NS	NS
	10/28/2005	NS	NS	NS	NS	NS	NS
EW-4	1/12/2005	**49,000**	**9,400**	**3,300**	**440**	**6,700**	<50
	4/29/2005	NS	NS	NS	NS	NS	NS
	7/14/2005	NS	NS	NS	NS	NS	NS
	10/28/2005	NS	NS	NS	NS	NS	NS
EW-5	1/12/2005	**180,000**	**20,000**	**19,000**	**2,400**	**12,000**	<500
	4/29/2005	NS	NS	NS	NS	NS	NS
	7/14/2005	NS	NS	NS	NS	NS	NS
	10/28/2005	NS	NS	NS	NS	NS	NS
EW-6	1/12/2005	**12,000**	**870**	**530**	**290**	**1,100**	<25
	4/29/2005	NS	NS	NS	NS	NS	NS
	7/14/2005	NS	NS	NS	NS	NS	NS
	10/28/2005	NS	NS	NS	NS	NS	NS

NA = Not Analyzed.
NS = Not Sampled.
* = Confirmed by GC/MS method 8260.
µg/L = Micrograms per Liter.

Project No. 97-602	Well No: AR-1
Project Location: 3015 Coffey Lane, Santa Rosa, California	Well Depth from TOC: 22'
Global I.D. # T0609700550	Well Diameter: 2"
Date: 7-14-2005	Product Level from TOC: None
Time: 1133	Water Level from TOC: 10.52'
Recorded by: M. Wilmarth	Screened Interval: 5.5'-22'
Purge Time (duration): 4 mins.	Well Elevation (TOC): 127.47' above MSL

WEATHER

Wind: 0-5 mph	Precip. in last 5 days: 0.00" (STA)

VOLUME OF WATER TO BE REMOVED BEFORE SAMPLING

(22' - 10.52') x (0.08333)^2 x 3.14 x 7.48 = 1.87 gallons in one well volume

{ Well Depth - Water Level } { Well radius (ft) }	
4.87 gallons in 3 well volumes	2.5 gallons removed

CALIBRATION

Parameter	Time	Calibration	Before Sampling	Time	After Sampling
pH:					
EC:					

FIELD MEASUREMENTS

Time	pH	EC (µS/cm)	Temp °C	Gallons Removed	Appearance
1133	7.51	965	19.6	0.3	Clear
1137	7.26	966	18.7	2.5	Silty grey, HC odor
					Purged dry after 2.5 gallons

Water Level After Purging: 19.20 ft. (TOC)	80% of Original Water Level: 12.81 ft. (TOC)
Water Level Before Sampling: 10.55 ft. (TOC)	
APPEARANCE OF SAMPLE: Clear	Time: 1318

Bailer: Aqua Bailer Single Sample	Type: Disposable Polyethylene	GPM:
Submersible:	Type:	GPM:
Dedicated:	Type:	GPM:

DECONTAMINATION METHOD: TSP wash and disposable bailers

SAMPLE ANALYSIS: TPH-g, BTEX, MtBE

LABORATORY: Alpha Analytical

Project No. 97-602	Well No: MW-1
Project Location: 3015 Coffey Lane, Santa Rosa, California	Well Depth from TOC: 20'
Global I.D. # T0609700550	Well Diameter: 4"
Date: 7-14-2005	Product Level from TOC: None
Time: 1202	Water Level from TOC: 9.42'
Recorded by: M. Wilmarth	Screened Interval: 10'-20'
Purge Time (duration): 14 mins.	Well Elevation (TOC): 126.80' above MSL

WEATHER

Wind: 0-5 mph	Precip. in last 5 days: 0.00" (STA)

VOLUME OF WATER TO BE REMOVED BEFORE SAMPLING

(20' - 9.42') x (0.166)^2 x 3.14 x 7.48 = 6.85 gallons in one well volume

{ Well Depth - Water Level } { Well radius (ft) }

20.54 gallons in 3 well volumes — 22 gallons removed

CALIBRATION

Parameter	Time	Calibration	Before Sampling	Time	After Sampling
pH:					
EC:					

FIELD MEASUREMENTS

Time	pH	EC (µS/cm)	Temp °C	Gallons Removed	Appearance
1202	7.07	873	18.6	1	Clear. HC odor
1204	6.85	874	18.7	5	Silty grey, HC odor
1207	6.84	872	18.6	9	Silty grey, HC odor
1212	6.87	872	18.5	13	Silty grey, HC odor
1213	6.85	877	18.8	18	Silty grey, HC odor
1216	6.87	870	18.4	22	Silty grey, HC odor

Water Level After Purging: 11.00 ft. (TOC) — 80% of Original Water Level: 11.54 ft. (TOC)

Water Level Before Sampling: 11.00 ft. (TOC)

APPEARANCE OF SAMPLE: Cloudy grey — Time: 1224

Bailer: Aqua Bailer Single Sample	Type: Disposable Polyethylene	GPM:
Submersible:	Type:	GPM:
Dedicated:	Type:	GPM:

DECONTAMINATION METHOD: TSP wash and disposable bailers

SAMPLE ANALYSIS: TPH-g, BTEX, MtBE

LABORATORY: Alpha Analytical

Project No. 97-602	Well No: MW-4
Project Location: 3015 Coffey Lane, Santa Rosa, California	Well Depth from TOC: 20'
Global I.D. # T0609700550	Well Diameter: 2"
Date: 7-14-2005	Product Level from TOC: None
Time: 1259	Water Level from TOC: 10.19'
Recorded by: M. Wilmarth	Screened Interval: 10'-20'
Purge Time (duration): 7 mins.	Well Elevation (TOC): 126.71' above MSL

WEATHER

Wind: 0-5 mph	Precip. in last 5 days: 0.00" (STA)

VOLUME OF WATER TO BE REMOVED BEFORE SAMPLING

(20' - 10.19') x (0.08333)^2 x 3.14 x 7.48 = 1.60 gallons in one well volume

{ Well Depth - Water Level } { Well radius (ft) }

4.80 gallons in 3 well volumes — 5 gallons removed

CALIBRATION

Parameter	Time	Calibration	Before Sampling	Time	After Sampling
pH:					
EC:					

FIELD MEASUREMENTS

Time	pH	EC (µS/cm)	Temp °C	Gallons Removed	Appearance
1259	7.23	828	20.3	0.5	Clear
1302	6.96	825	19.4	3	Cloudy
1306	6.96	813	18.9	5	Cloudy

Water Level After Purging: 11.80 ft. (TOC)	80% of Original Water Level: 12.15 ft. (TOC)
Water Level Before Sampling: 11.80 ft. (TOC)	
APPEARANCE OF SAMPLE: Cloudy	Time: 1308

Bailer: Aqua Bailer Single Sample	Type: Disposable Polyethylene	GPM:
Submersible:	Type:	GPM:
Dedicated:	Type:	GPM:

DECONTAMINATION METHOD: TSP wash and disposable bailers

SAMPLE ANALYSIS: TPH-g, BTEX, MtBE

LABORATORY: Alpha Analytical

Project No. 97-602	Well No: MW-8
Project Location: 3015 Coffey Lane, Santa Rosa, California	Well Depth from TOC: 20'
Global I.D. # T0609700550	Well Diameter: 2"
Date: 7-14-2005	Product Level from TOC: None
Time: 1331	Water Level from TOC: 9.91'
Recorded by: M. Wilmarth	Screened Interval: 5'-20'
Purge Time (duration): 5 mins.	Well Elevation (TOC): 127.22' above MSL

WEATHER

Wind: 0-5 mph	Precip. in last 5 days: 0.00" (STA)

VOLUME OF WATER TO BE REMOVED BEFORE SAMPLING

(20' - 9.91') x (0.08333)^2 x 3.14 x 7.48 = 1.65 gallons in one well volume

{ Well Depth - Water Level } { Well radius (ft) }	
4.93 gallons in 3 well volumes	5 gallons removed

CALIBRATION

Parameter	Time	Calibration	Before Sampling	Time	After Sampling
pH:					
EC:					

FIELD MEASUREMENTS

Time	pH	EC (µS/cm)	Temp °C	Gallons Removed	Appearance
1331	6.99	894	19.2	0.5	Clear, slight HC odor
1333	6.93	898	18.7	3	Clear, slight HC odor
1336	6.99	903	18.6	5	Slightly grey, HC odor

Water Level After Purging: 9.91 ft. (TOC)	80% of Original Water Level: 11.93 ft. (TOC)
Water Level Before Sampling: 9.91 ft. (TOC)	
APPEARANCE OF SAMPLE: Cloudy	Time: 1338

Bailer: Aqua Bailer Single Sample	Type: Disposable Polyethylene	GPM:
Submersible:	Type:	GPM:
Dedicated:	Type:	GPM:

DECONTAMINATION METHOD: TSP wash and disposable bailers

SAMPLE ANALYSIS: TPH-g, BTEX, MtBE

LABORATORY: Alpha Analytical

Project No. 97-602	Well No: EW-1
Project Location: 3015 Coffey Lane, Santa Rosa, California	Well Depth from TOC: 20'
Global I.D. # T0609700550	Well Diameter: 2"
Date: 7-14-2005	Product Level from TOC: None
Time:	Water Level from TOC: 9.71'
Recorded by: M. Wilmarth	Screened Interval: 5'-20'
Purge Time (duration):	Well Elevation (TOC): 127.05' above MSL

WEATHER

Wind: 0-5 mph	Precip. in last 5 days: 0.00" (STA)

VOLUME OF WATER TO BE REMOVED BEFORE SAMPLING

(20' - ____) x (0.08333)^2 x 3.14 x 7.48 = ____ gallons in one well volume

{ Well Depth - Water Level } { Well radius (ft) }

____ gallons in 3 well volumes	____ gallons removed

CALIBRATION

Parameter	Time	Calibration	Before Sampling	Time	After Sampling
pH:					
EC:					

FIELD MEASUREMENTS

Time	pH	EC (µS/cm)	Temp °C	Gallons Removed	Appearance

Water Level After Purging: ____ ft. (TOC)	80% of Original Water Level: ____ ft. (TOC)

Water Level Before Sampling: ____ ft. (TOC)

APPEARANCE OF SAMPLE:	Time:

Bailer: Aqua Bailer Single Sample	Type: Disposable Polyethylene	GPM:
Submersible:	Type:	GPM:
Dedicated:	Type:	GPM:

DECONTAMINATION METHOD: TSP wash and disposable bailers

SAMPLE ANALYSIS: TPH-g, BTEX, MtBE

LABORATORY: Alpha Analytical

Project No. 97-602	Well No: EW-2
Project Location: 3015 Coffey Lane, Santa Rosa, California	Well Depth from TOC: 20'
Global I.D. # T0609700550	Well Diameter: 2"
Date: 7-14-2005	Product Level from TOC: None
Time:	Water Level from TOC: 10.10'
Recorded by: M. Wilmarth	Screened Interval: 5'-20'
Purge Time (duration):	Well Elevation (TOC): 127.43' above MSL

WEATHER

Wind: 0-5 mph	Precip. in last 5 days: 0.00" (STA)

VOLUME OF WATER TO BE REMOVED BEFORE SAMPLING

(20' - ____) x (0.08333)^2 x 3.14 x 7.48 = ____ gallons in one well volume

{ Well Depth - Water Level } { Well radius (ft) }	
____ gallons in 3 well volumes	____ gallons removed

CALIBRATION

Parameter	Time	Calibration	Before Sampling	Time	After Sampling
pH:					
EC:					

FIELD MEASUREMENTS

Time	pH	EC (µS/cm)	Temp °C	Gallons Removed	Appearance

Water Level After Purging: ____ ft. (TOC)	80% of Original Water Level: ____ ft. (TOC)
Water Level Before Sampling: ____ ft. (TOC)	
APPEARANCE OF SAMPLE:	Time:

Bailer: Aqua Bailer Single Sample	Type: Disposable Polyethylene	GPM:
Submersible:	Type:	GPM:
Dedicated:	Type:	GPM:

DECONTAMINATION METHOD: TSP wash and disposable bailers

SAMPLE ANALYSIS: TPH-g, BTEX, MtBE

LABORATORY: Alpha Analytical

Project No. 97-602	Well No: EW-3
Project Location: 3015 Coffey Lane, Santa Rosa, California	Well Depth from TOC: 20'
Global I.D. # T0609700550	Well Diameter: 2"
Date: 7-14-2005	Product Level from TOC: None
Time:	Water Level from TOC: 9.65'
Recorded by: M. Wilmarth	Screened Interval: 5'-20'
Purge Time (duration):	Well Elevation (TOC): 127.03' above MSL

WEATHER

Wind: 0-5 mph	Precip. in last 5 days: 0.00" (STA)

VOLUME OF WATER TO BE REMOVED BEFORE SAMPLING

(20' - ____) x (0.08333)^2 x 3.14 x 7.48 = ____ gallons in one well volume

{ Well Depth - Water Level } { Well radius (ft) }	
____ gallons in 3 well volumes	____ gallons removed

CALIBRATION

Parameter	Time	Calibration	Before Sampling	Time	After Sampling
pH:					
EC:					

FIELD MEASUREMENTS

Time	pH	EC (µS/cm)	Temp °C	Gallons Removed	Appearance

Water Level After Purging: ____ ft. (TOC)	80% of Original Water Level: ____ ft. (TOC)
Water Level Before Sampling: ____ ft. (TOC)	
APPEARANCE OF SAMPLE:	Time:

Bailer: Aqua Bailer Single Sample	Type: Disposable Polyethylene	GPM:
Submersible:	Type:	GPM:
Dedicated:	Type:	GPM:

DECONTAMINATION METHOD: TSP wash and disposable bailers

SAMPLE ANALYSIS: TPH-g, BTEX, MtBE

LABORATORY: Alpha Analytical

Project No. 97-602	Well No: EW-4
Project Location: 3015 Coffey Lane, Santa Rosa, California	Well Depth from TOC: 20'
Global I.D. # T0609700550	Well Diameter: 2"
Date: 7-14-2005	Product Level from TOC: None
Time:	Water Level from TOC: 10.29'
Recorded by: M. Wilmarth	Screened Interval: 5'-20'
Purge Time (duration):	Well Elevation (TOC): 127.62' above MSL

WEATHER

Wind: 0-5 mph	Precip. in last 5 days: 0.00" (STA)

VOLUME OF WATER TO BE REMOVED BEFORE SAMPLING

(20' - ____) x (0.08333)^2 x 3.14 x 7.48 = ____ gallons in one well volume

{ Well Depth - Water Level } { Well radius (ft) }	
____ gallons in 3 well volumes	____ gallons removed

CALIBRATION

Parameter	Time	Calibration	Before Sampling	Time	After Sampling
pH:					
EC:					

FIELD MEASUREMENTS

Time	pH	EC (µS/cm)	Temp °C	Gallons Removed	Appearance

Water Level After Purging: ____ ft. (TOC)	80% of Original Water Level: ____ ft. (TOC)
Water Level Before Sampling: ____ ft. (TOC)	
APPEARANCE OF SAMPLE:	Time:

Bailer: Aqua Bailer Single Sample	Type: Disposable Polyethylene	GPM:
Submersible:	Type:	GPM:
Dedicated:	Type:	GPM:

DECONTAMINATION METHOD: TSP wash and disposable bailers

SAMPLE ANALYSIS: TPH-g, BTEX, MtBE

LABORATORY: Alpha Analytical

Project No. 97-602	Well No: EW-5
Project Location: 3015 Coffey Lane, Santa Rosa, California	Well Depth from TOC: 20'
Global I.D. # T0609700550	Well Diameter: 2"
Date: 7-14-2005	Product Level from TOC: None
Time:	Water Level from TOC: 10.11'
Recorded by: M. Wilmarth	Screened Interval: 5'-20'
Purge Time (duration):	Well Elevation (TOC): 127.48' above MSL

WEATHER

Wind: 0-5 mph	Precip. in last 5 days: 0.00" (STA)

VOLUME OF WATER TO BE REMOVED BEFORE SAMPLING

(20' - ____) x (0.08333)^2 x 3.14 x 7.48 = ____ gallons in one well volume

{ Well Depth - Water Level } { Well radius (ft) }	
____ gallons in 3 well volumes	____ gallons removed

CALIBRATION

Parameter	Time	Calibration	Before Sampling	Time	After Sampling
pH:					
EC:					

FIELD MEASUREMENTS

Time	pH	EC (µS/cm)	Temp °C	Gallons Removed	Appearance

Water Level After Purging: ____ ft. (TOC)	80% of Original Water Level: ____ ft. (TOC)
Water Level Before Sampling: ____ ft. (TOC)	
APPEARANCE OF SAMPLE:	Time:

Bailer: Aqua Bailer Single Sample	Type: Disposable Polyethylene	GPM:
Submersible:	Type:	GPM:
Dedicated:	Type:	GPM:

DECONTAMINATION METHOD: TSP wash and disposable bailers

SAMPLE ANALYSIS: TPH-g, BTEX, MtBE

LABORATORY: Alpha Analytical

Project No. 97-602	Well No: EW-6
Project Location: 3015 Coffey Lane, Santa Rosa, California	Well Depth from TOC: 20'
Global I.D. # T0609700550	Well Diameter: 2"
Date: 7-14-2005	Product Level from TOC: None
Time:	Water Level from TOC: 10.64'
Recorded by: M. Wilmarth	Screened Interval: 5'-20'
Purge Time (duration):	Well Elevation (TOC): 127.48' above MSL

WEATHER

Wind: 0-5 mph	Precip. in last 5 days: 0.00" (STA)

VOLUME OF WATER TO BE REMOVED BEFORE SAMPLING

(20' - ____) x (0.08333)^2 x 3.14 x 7.48 = ____ gallons in one well volume

{ Well Depth - Water Level } { Well radius (ft) }	
____ gallons in 3 well volumes	____ gallons removed

CALIBRATION

Parameter	Time	Calibration	Before Sampling	Time	After Sampling
pH:					
EC:					

FIELD MEASUREMENTS

Time	pH	EC (µS/cm)	Temp °C	Gallons Removed	Appearance

Water Level After Purging: ____ ft. (TOC)	80% of Original Water Level: ____ ft. (TOC)
Water Level Before Sampling: ____ ft. (TOC)	
APPEARANCE OF SAMPLE:	Time:

Bailer: Aqua Bailer Single Sample	Type: Disposable Polyethylene	GPM:
Submersible:	Type:	GPM:
Dedicated:	Type:	GPM:

DECONTAMINATION METHOD: TSP wash and disposable bailers

SAMPLE ANALYSIS: TPH-g, BTEX, MtBE

LABORATORY: Alpha Analytical

Alpha Analytical Laboratories Inc.
208 Mason Street, Ukiah, California 95482
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01 August 2005

EBA Wastechnologies
Attn: David Noren
825 Sonoma Ave., Suite C
Santa Rosa, CA 95404
RE: Donaldson, 3015 Coffey Lane
Work Order: A507402

Enclosed are the results of analyses for samples received by the laboratory on 07/18/05 14:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Nena M. Burgess For Sheri L. Speaks
Project Manager

Alpha Analytical Laboratories Inc.
208 Mason Street, Ukiah, California 95482
e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

CHEMICAL EXAMINATION REPORT

EBA Wastechnologies
825 Sonoma Ave., Suite C
Santa Rosa, CA 95404
Attn: David Noren

Report Date: 08/01/05 11:17
Project No: 97-602
Project ID: Donaldson, 3015 Coffey Lane

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A507402	07/18/2005 14:00	EBA	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
AR-1	A507402-01	Water	07/14/05 13:18	07/18/05 14:00
MW-1	A507402-02	Water	07/14/05 12:24	07/18/05 14:00
MW-4	A507402-03	Water	07/14/05 13:08	07/18/05 14:00
MW-8	A507402-04	Water	07/14/05 13:38	07/18/05 14:00
QCTB	A507402-05	Water	07/14/05 10:00	07/18/05 14:00

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Nena M. Burgess For Sheri L. Speaks
Project Manager

8/1/2005

Alpha Analytical Laboratories Inc. 208 Mason Street, Ukiah, California 95482
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CHEMICAL EXAMINATION REPORT

EBA Wastechnologies
825 Sonoma Ave., Suite C
Santa Rosa, CA 95404
Attn: David Noren

Report Date: 08/01/05 11:17
Project No: 97-602
Project ID: Donaldson, 3015 Coffey Lane

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A507402	07/18/2005 14:00	EBA	

Alpha Analytical Laboratories, Inc.

	METHOD	BATCH	PREPARED	ANALYZED	DILUTION	RESULT		PQL	NOTE
AR-1 (A507402-01)			**Sample Type: Water**			**Sampled: 07/14/05 13:18**			
TPH by EPA/LUFT GC/GCMS Methods									
TPH as Gasoline	8260GRO	AG52706	07/26/05	07/27/05	2	**190 ug/l**		**100**	
Surrogate: Toluene-d8	"	"	"	"		*90.8 %*	*86-141*		
Volatile Organic Compounds by EPA Method 8260B									
Benzene	EPA 8260B	AG52712	"	07/27/05	1	**43 ug/l**		**0.30**	
Toluene	"	"	"	"	"	**0.48 "**		**0.30**	
Ethylbenzene	"	"	"	"	"	**0.65 "**		**0.50**	
Xylenes (total)	"	"	"	"	"	**1.3 "**		**0.50**	
Methyl tert-butyl ether	"	"	"	"	"	ND "		0.50	
Surrogate: Bromofluorobenzene	"	"	"	"		*124 %*	*78-138*		
Surrogate: Dibromofluoromethane	"	"	"	"		*75.6 %*	*71-136*		
Surrogate: Toluene-d8	"	"	"	"		*90.0 %*	*88-139*		
MW-1 (A507402-02)			**Sample Type: Water**			**Sampled: 07/14/05 12:24**			
TPH by EPA/LUFT GC/GCMS Methods									
TPH as Gasoline	8260GRO	AG52706	07/26/05	07/27/05	50	**2600 ug/l**		**2500**	
Surrogate: Toluene-d8	"	"	"	"		*89.6 %*	*86-141*		
Volatile Organic Compounds by EPA Method 8260B									
Benzene	EPA 8260B	AG52712	"	07/27/05	50	**370 ug/l**		**15**	
Toluene	"	"	"	07/27/05	1	**11 "**		**0.30**	
Ethylbenzene	"	"	"	"	"	**9.6 "**		**0.50**	
Xylenes (total)	"	"	"	"	"	**24 "**		**0.50**	
Methyl tert-butyl ether	"	"	"	"	"	ND "		0.50	
Surrogate: Bromofluorobenzene	"	"	"	"		*124 %*	*78-138*		
Surrogate: Dibromofluoromethane	"	"	"	"		*68.4 %*	*71-136*		*S-GC*
Surrogate: Toluene-d8	"	"	"	"		*92.0 %*	*88-139*		
MW-4 (A507402-03)			**Sample Type: Water**			**Sampled: 07/14/05 13:08**			
TPH by EPA/LUFT GC/GCMS Methods									
TPH as Gasoline	8260GRO	AG52706	07/26/05	07/27/05	1	ND ug/l		50	

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Nena M. Burgess For Sheri L. Speaks
Project Manager

8/1/2005

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CHEMICAL EXAMINATION REPORT

EBA Wastechnologies
825 Sonoma Ave., Suite C
Santa Rosa, CA 95404
Attn: David Noren

Report Date: 08/01/05 11:17
Project No: 97-602
Project ID: Donaldson, 3015 Coffey Lane

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A507402	07/18/2005 14:00	EBA	

Alpha Analytical Laboratories, Inc.

	METHOD	BATCH	PREPARED	ANALYZED	DILUTION	RESULT		PQL	NOTE
MW-4 (A507402-03)			**Sample Type: Water**			**Sampled: 07/14/05 13:08**			
TPH by EPA/LUFT GC/GCMS Methods (cont'd)									
Surrogate: Toluene-d8	*8260GRO*	"	"	*07/27/05*		*89.6 %*	*86-141*		
Volatile Organic Compounds by EPA Method 8260B									
Benzene	EPA 8260B	AG52712	"	07/27/05	1	**1.7 ug/l**		**0.30**	
Toluene	"	"	"	"	"	ND "		0.30	
Ethylbenzene	"	"	"	"	"	ND "		0.50	
Xylenes (total)	"	"	"	"	"	ND "		0.50	
Methyl tert-butyl ether	"	"	"	"	"	ND "		0.50	
Surrogate: Bromofluorobenzene	"	"	"	"		*120 %*	*78-138*		
Surrogate: Dibromofluoromethane	"	"	"	"		*78.4 %*	*71-136*		
Surrogate: Toluene-d8	"	"	"	"		*89.6 %*	*88-139*		
MW-8 (A507402-04)			**Sample Type: Water**			**Sampled: 07/14/05 13:38**			
TPH by EPA/LUFT GC/GCMS Methods									
TPH as Gasoline	8260GRO	AG52706	07/26/05	07/27/05	1	**400 ug/l**		**50**	
Surrogate: Toluene-d8	"	"	"	"		*88.0 %*	*86-141*		
Volatile Organic Compounds by EPA Method 8260B									
Benzene	EPA 8260B	AG52712	"	07/27/05	1	**4.8 ug/l**		**0.30**	
Toluene	"	"	"	"	"	**0.36 "**		**0.30**	
Ethylbenzene	"	"	"	"	"	ND "		0.50	
Xylenes (total)	"	"	"	"	"	**1.3 "**		**0.50**	
Methyl tert-butyl ether	"	"	"	"	"	ND "		0.50	
Surrogate: Bromofluorobenzene	"	"	"	"		*123 %*	*78-138*		
Surrogate: Dibromofluoromethane	"	"	"	"		*72.8 %*	*71-136*		
Surrogate: Toluene-d8	"	"	"	"		*88.0 %*	*88-139*		
QCTB (A507402-05)			**Sample Type: Water**			**Sampled: 07/14/05 10:00**			
TPH by EPA/LUFT GC/GCMS Methods									
TPH as Gasoline	8260GRO	AG52706	07/26/05	07/27/05	1	ND ug/l		50	
Surrogate: Toluene-d8	"	"	"	"		*89.6 %*	*86-141*		

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Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A507402	07/18/2005 14:00	EBA	

Alpha Analytical Laboratories, Inc.

	METHOD	BATCH	PREPARED	ANALYZED	DILUTION	RESULT	PQL	NOTE
QCTB (A507402-05)			**Sample Type: Water**		**Sampled: 07/14/05 10:00**			

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A507402	07/18/2005 14:00	EBA	

TPH by EPA/LUFT GC/GCMS Methods - Quality Control

Analyte(s)	Result	PQL	Units	Spike Level	Source Result (SourceResult)	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AG52706 - EPA 5030 Water GCMS										
Blank (AG52706-BLK1)				Prepared & Analyzed: 07/26/05						
TPH as Gasoline	ND	50	ug/l							
Surrogate: Toluene-d8	*23.6*		"	*25.0*		*94.4*	*86-141*			
LCS (AG52706-BS1)				Prepared & Analyzed: 07/26/05						
TPH as Gasoline	194	50	ug/l	200		97.0	75-126			
Surrogate: Toluene-d8	*22.7*		"	*25.0*		*90.8*	*86-141*			
LCS Dup (AG52706-BSD1)				Prepared & Analyzed: 07/26/05						
TPH as Gasoline	187	50	ug/l	200		93.5	75-126	3.67	20	
Surrogate: Toluene-d8	*22.8*		"	*25.0*		*91.2*	*86-141*			
Matrix Spike (AG52706-MS1)	**Source: A507429-02**			Prepared & Analyzed: 07/26/05						
TPH as Gasoline	163	50	ug/l	200	ND	75.5	32-166			
Surrogate: Toluene-d8	*22.5*		"	*25.0*		*90.0*	*86-141*			

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Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A507402	07/18/2005 14:00	EBA	

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AG52712 - EPA 5030 Water GCMS										
Blank (AG52712-BLK1)				Prepared & Analyzed: 07/26/05						
Benzene	ND	0.30	ug/l							
Toluene	ND	0.30	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Surrogate: Bromofluorobenzene	*31.2*		"	*25.0*		*125*	*78-138*			
Surrogate: Dibromofluoromethane	*19.8*		"	*25.0*		*79.2*	*71-136*			
Surrogate: Toluene-d8	*23.6*		"	*25.0*		*94.4*	*88-139*			
LCS (AG52712-BS1)				Prepared & Analyzed: 07/26/05						
Benzene	10.6	0.30	ug/l	10.0		106	68-129			
Toluene	11.0	0.30	"	10.0		110	76-137			
Ethylbenzene	11.6	0.50	"	10.0		116	78-136			
Xylenes (total)	33.4	0.50	"	30.0		111	76-134			
Methyl tert-butyl ether	11.0	0.50	"	10.0		110	64-141			
Surrogate: Bromofluorobenzene	*28.7*		"	*25.0*		*115*	*78-138*			
Surrogate: Dibromofluoromethane	*19.2*		"	*25.0*		*76.8*	*71-136*			
Surrogate: Toluene-d8	*21.3*		"	*25.0*		*85.2*	*88-139*			*S-GC*
LCS Dup (AG52712-BSD1)				Prepared & Analyzed: 07/26/05						
Benzene	10.8	0.30	ug/l	10.0		108	68-129	1.87	25	
Toluene	11.0	0.30	"	10.0		110	76-137	0.00	25	
Ethylbenzene	11.6	0.50	"	10.0		116	78-136	0.00	25	
Xylenes (total)	33.2	0.50	"	30.0		111	76-134	0.601	25	
Methyl tert-butyl ether	10.8	0.50	"	10.0		108	64-141	1.83	25	
Surrogate: Bromofluorobenzene	*28.7*		"	*25.0*		*115*	*78-138*			

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Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A507402	07/18/2005 14:00	EBA	

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AG52712 - EPA 5030 Water GCMS										
LCS Dup (AG52712-BSD1)				Prepared & Analyzed: 07/26/05						
Surrogate: Dibromofluoromethane	*18.9*		"	*25.0*		*75.6*	*71-136*			
Surrogate: Toluene-d8	*21.2*		"	*25.0*		*84.8*	*88-139*			*S-GC*
Matrix Spike (AG52712-MS1)	**Source: A507429-01**			Prepared & Analyzed: 07/26/05						
Benzene	8.28	0.30	ug/l	10.0	ND	82.8	39-142			
Toluene	8.45	0.30	"	10.0	ND	84.5	44-148			
Ethylbenzene	8.83	0.50	"	10.0	ND	88.3	42-148			
Xylenes (total)	25.3	0.50	"	30.0	ND	84.3	43-145			
Methyl tert-butyl ether	7.92	0.50	"	10.0	ND	79.2	29-161			
Surrogate: Bromofluorobenzene	*28.9*		"	*25.0*		*116*	*78-138*			
Surrogate: Dibromofluoromethane	*18.8*		"	*25.0*		*75.2*	*71-136*			
Surrogate: Toluene-d8	*21.5*		"	*25.0*		*86.0*	*88-139*			*S-GC*

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A507402	07/18/2005 14:00	EBA	

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogates.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
PQL	Practical Quantitation Limit

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Work Order
Chain of Custody Record

Lab No. A507402 Page 1 of 1

Company Name:	Project Name:	Project Number:
EBA ENGINEERING	DONALDSON PROPERTY	97-602
Mailing Address:	**Project Address:**	
825 SONOMA AVE, SR	3015 COFFEY LANE, S.R.	
Project Contact (Hardcopy or PDF to):	**P.O. #**	**Quote #**
DAVID NOREN		
Phone/Fax:	**Bill to:**	
544-0784		

Signature below authorizes work under terms stated on reverse side.

Samplers Signature:

Sample Designation	Sampling Date	Sampling Time	Container 40ml VOA	Container Poly	Container Amber	Container Sleeve	Preservative HCL	Preservative HNO3	Preservative H2SO4	Preservative None	Matrix Water	Matrix Soil	Analysis Request TPH-g	BTEX	MtBE
AR-1	7-14-05	1318	4				X				X		X	X	X
MW-1	7-14-05	1224	4				↓				↓		↓	↓	↓
MW-4	7-14-05	1308	4				↓				↓		↓	↓	↓
MW-8	7-14-05	1338	4				↓				↓		↓	↓	↓
QCTB	7-14-05	1000	1				↓				↓		↓		

TAT: 24 hr ○ 48 hr ○ Lab Approval Required; 1 wk ○ 2 wk (standard) ⊗

For Lab Use Only: 5 Ff 100

Relinquished by:	Received by:	Date	Time
		7-18-5	9:30 am
Relinquished by: (1400)	Received by: Glen Specht	7/18/05	14:00
Relinquished by:	Received for Laboratory by:	Date	Time

California EDF Report? ⊗ Yes ○ No
Sampling Company Log Code:
Global ID: T0609700550
EDF to (Email Address):
Drinking Water State System/Source Number:

Sample Condition on Receipt: | Travel and Site Time: | Mileage: | Misc. Supplies: