Bay Consulting Services
P.O. Box 5902
Napa, CA 94581
Phone/Fax: (707) 254-9886

February 3, 2006

Ms. Normita Callison
Corporate Environmental Specialist
Pacific Coast Companies, Inc.
10600 White Rock Road
Rancho Cordova, CA 95670

Re: Groundwater Monitoring Report –First Quarter 2006
879 Wright Road, N, Santa Rosa, CA
SCDHS-EHD # 0001844

Dear Ms. Callison:

This report presents the results of the groundwater monitoring well sampling activities conducted during the first quarter 2006, at the above-referenced site. This work was conducted on behalf of Pacific Coast Building Products (PCBP) in response to letters from the Sonoma County Department of Environmental Health (SCDEH), dated January 14, 2003 and May 5, 2004. Discussions with Cliff Ives, SCDEH indicated that site closure can not be evaluated until residual source of impact has been removed and the remaining concentrations in the groundwater decrease to reduce potential risk to the existing water supply wells on and off the site. To evaluate the potential existence of residual source that may exist around the former tank excavation, over purging of the existing groundwater wells was conducted. The site background and findings from the work are described below.

SCOPE OF WORK

The scope of work for the investigation was to:

- Purge 10 well volumes from each well,
- Collect and analyze one groundwater sample from each monitoring well on site and from the domestic well (prior to wellhead treatment) for TPHg, BTEX, and selected fuel oxygenates and additives by EPA test method 8260B.
- Calculate the groundwater flow direction and gradient,
- Disposal of waste materials,
- Upload information to Geotracker in accordance with AB2886,
- Prepare this report.

SITE BACKGROUND

The site is utilized as a light industrial/commercial facility for the resale of roofing products as Alcal Santa Rosa, a Division of Alcal Arcade Contracting, Inc. under the parent company, Pacific Coast Companies, Inc. The property is located on the southwest corner of Wright Road and Sebastopol Freeway

(Interstate 12), Santa Rosa, California (Figure 1). Local topography is flat and the Site elevation is approximately 95 feet (ft) above mean sea level. Site facilities include a commercial store, several maintenance building and several warehouses (Figure 2). The property is owned by Pacific Coast Companies, Inc. The surrounding land use is light industrial and commercial.

SITE HISTORY

December 1993 Tank Removal: Two fuel underground storage tanks consisting of 2,000-gallon diesel and 2,000-gallon gasoline were removed in December 1993. Groundwater was encountered during tank removal at 7.5 feet below ground surface (bgs). Approximately 600 gallons of liquid was removed from the excavation and transported to a recycling facility. Laboratory analysis of soil samples collected from the excavation indicated up to 140 parts per million (ppm) of total petroleum hydrocarbons as gasoline (TPHg) and 240 ppm total petroleum hydrocarbons as diesel (TPHd). Laboratory results of one grab water sample collected from the tank excavation reported up to 1,700,000 µg/L TPHd and 150,000 µg/L TPHg.

March 1995 Preliminary Investigation: In 1995, ACC Environmental Consultants (ACC) conducted a preliminary investigation of the open tank excavation. A grab water sample and 10 sidewall soil samples collected from the excavation indicated no detectable concentrations of constituents above laboratory reporting limits. Approximately 10,000 gallons of liquid was removed from the excavation and discharged into the sanitary sewer. The tank excavation was backfilled will clean imported fill material.

July 1995 Well Installation: In July 1995, ACC conducted a subsurface investigation and installed three groundwater monitoring wells (MW-1 through MW-3). Laboratory results of soil collected during drilling indicated up to 14 ppm TPHg and 4.7 ppm TPHd. Periodic groundwater monitoring has been ongoing at the site since 1995. Historically, low to below detectable concentration of TPHg, BTEX, and MtBE were reported in the groundwater in wells MW-1 and MW-2. Laboratory results from MW-3 reported detectable concentrations of constituents. A water supply well located on site has been periodically sampled since 1996. Detectable concentrations were reported in the water supply well in 1999 and 2001.

June 2003, Well Installation: In June 2003, Bay Consulting Services (Bay) conducted a subsurface investigation and installed one additional monitoring well (MW-4). Laboratory results of soil collected during drilling indicated below laboratory detection limits of TPHg and BTEX and 0.1 ppm MtBE.

Groundwater Monitoring: Periodic groundwater monitoring and sampling began in 1995. A summary of the groundwater monitoring data is presented in Table 1. Three monitoring wells (MW-1 through MW-3) were sampled on a quarterly basis in 1995 and two quarters in 1996. In 1996, the sampling frequency was changed to semi-annual. Sampling of the onsite domestic well was included in 1996. Three events (2/1/99, 8/12/99, and 1/26/01) reported detectable concentrations of constituents in the water collected from the onsite water supply well. Groundwater samples have been analyzed for MtBE and fuel oxygenates and additives using EPA Method 8260 during the February and June 2003 sampling events. In

a letter dated May 5, 2004, SCDEH approved a modified sampling program which includes eliminating 1,2-DCA, EDB, TAME, and ETBE from the sampling program. In addition, in May 2004, Cliff Ives verbally approved suspending sampling of wells MW-1 and MW-2 and the post-treatment point in the water supply well until prior to closure. All wells will be sampled prior to closure.

FIRST QUARTER 2005 ACTIVITIES

Monitoring Activities

Field Activities: January 11, 2006, Blaine Tech Services, Inc (Blaine) of San Jose purged approximately 10 well volumes from each well and collected samples from all onsite wells. This is the second over-purging event conducted on site. The January 2006 measurements were utilized to calculate the groundwater flow direction and gradient, presented in Figure 3. Well parameters were monitored during purging and sampling. Field notes of well monitoring are presented in Attachment A. The water levels and analytical data have been submitted to the Geotracker database.

Sample Analyses: Samples were obtained from all four onsite monitoring wells and from the domestic well prior to the treatment system. The samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg), BTEX, oxygenates di-isopropyl ether (DIPE), methyl-tert-butyl ether (MTBE), and tert-butyl alcohol (TBA) by EPA Method 8260B. All analyses were performed by Kiff Analytical of Davis, California. The laboratory reports for groundwater sampling are included in Appendix B.

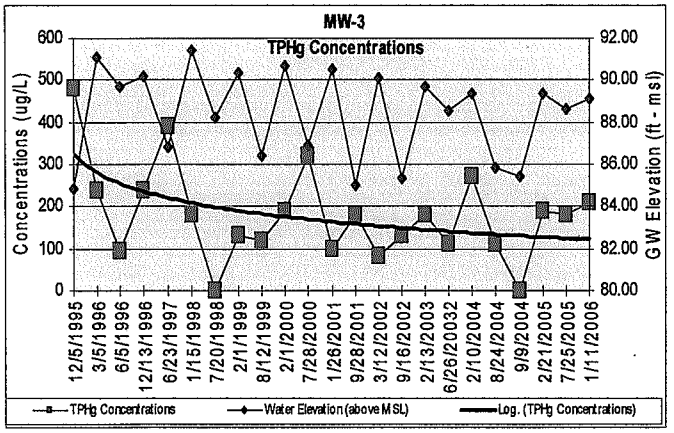
MONITORING RESULTS

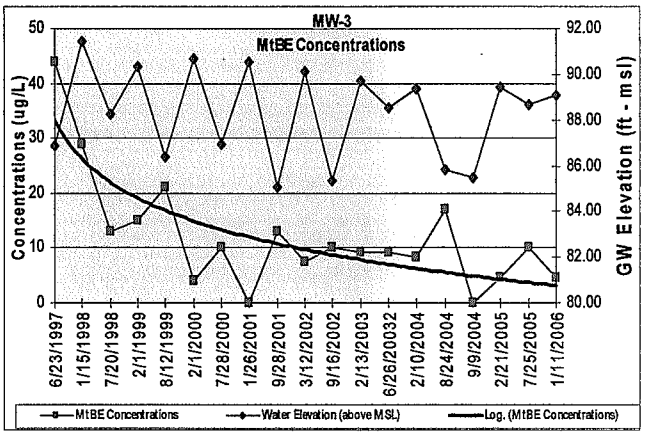
Groundwater Flow Direction: Based on the depth-to-water data collected, the groundwater flow direction varies to the South to Southwest with a gradient of 0.004 to 0.007 foot per foot (Figure 2). During this event, groundwater levels were reported between 2.75 to 4.35 feet bgs indicating approximately 0.82 to 0.45 foot increase of water levels in the monitoring wells and 3.57 feet increase in the domestic well from the previous sampling event. Groundwater levels are seasonably elevated compared to historical water levels collected during this period. Table 3 presents the historical groundwater flow directions and gradients.

Groundwater Purging. To evaluate is residual groundwater impact exists around the former tank excavation, all four monitoring wells were over purged and approximately 10 well volumes were removed from each well prior to sample collection. Approximately 93 gallons of purge water was generated from the efforts and stored on site in labeled drums pending profiling for disposal.

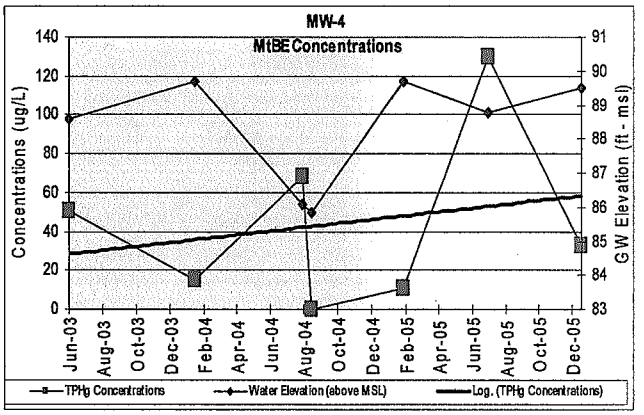
***Hydrocarbon Distribution in Groundwater*:** Below detectable concentrations of all constituents were reported in the sample collected from the domestic well. Below detectable concentrations of TPHg and BTEX were reported in MW1 and MW2. Only low detectable concentrations of MtBE up to 1.2 µg/L were reported in wells MW1 and MW2. Detectable concentrations of TPHg, Benzene, and MtBE were

reported in MW3 at similar concentration as historical events. As illustrated in the below graphs, both TPHg and MtBE concentrations have decreased over time. TPHg concentrations in the groundwater appear to fluctuate with groundwater levels but the general trend is decreasing with time.





Results of the second over purging efforts indicated a decrease in hydrocarbon concentration compared to the initial over-purging efforts; indicating that limited residual source may still exist around the former tank excavation. As illustrated in the adjacent graph, MtBE concentrations in MW-4 have illustrated an increase over time.



Groundwater analytical results are summarized in Table 2, and hydrocarbon and MtBE concentrations are shown on Figure 2.

CONCLUSIONS

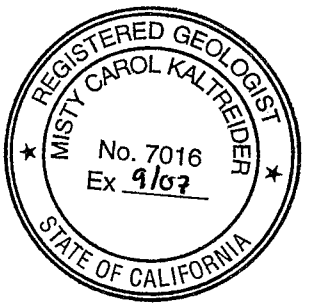
Analytical results for this event indicate that constituent concentrations have increased in well MW4 after the over purging event, whereas the concentrations in the surrounding wells, MW1 through MW3 were reported as similar to previous events. The second over purging event, indicated that residual petroleum hydrocarbon may exist in a limited extent around the former tank excavation. No detectable constituents have been reported in the water supply well except for isolated events in 1999 and 2001 for MtBE and TPHg, respectively.

RECOMMENDATIONS

Fluctuations in TPHg and MtBE concentrations observed during seasonal water level changes may be due to residual impact around the former tank excavation. Discussions with Cliff Ives, SCDEH indicated that site closure can not be evaluated until residual source of impact has been removed and the remaining concentrations in the groundwater decrease to reduce potential risk to the existing water supply wells on and off the site. The residual concentrations in the soil and groundwater are evaluated in the Interim Remedial Action Plan, presented under separate cover. After remedial efforts, confirmation water sampling would be required for all the monitoring wells on a quarterly basis to verify remedial progress.

If you have any questions or comments regarding this report, please call me at (707) 254-9886 or (707) 337-3768 (cell phone).

Sincerely,
Bay Consulting Services, LLC



Misty C. Kaltreider, P.G.
Principal Geologist

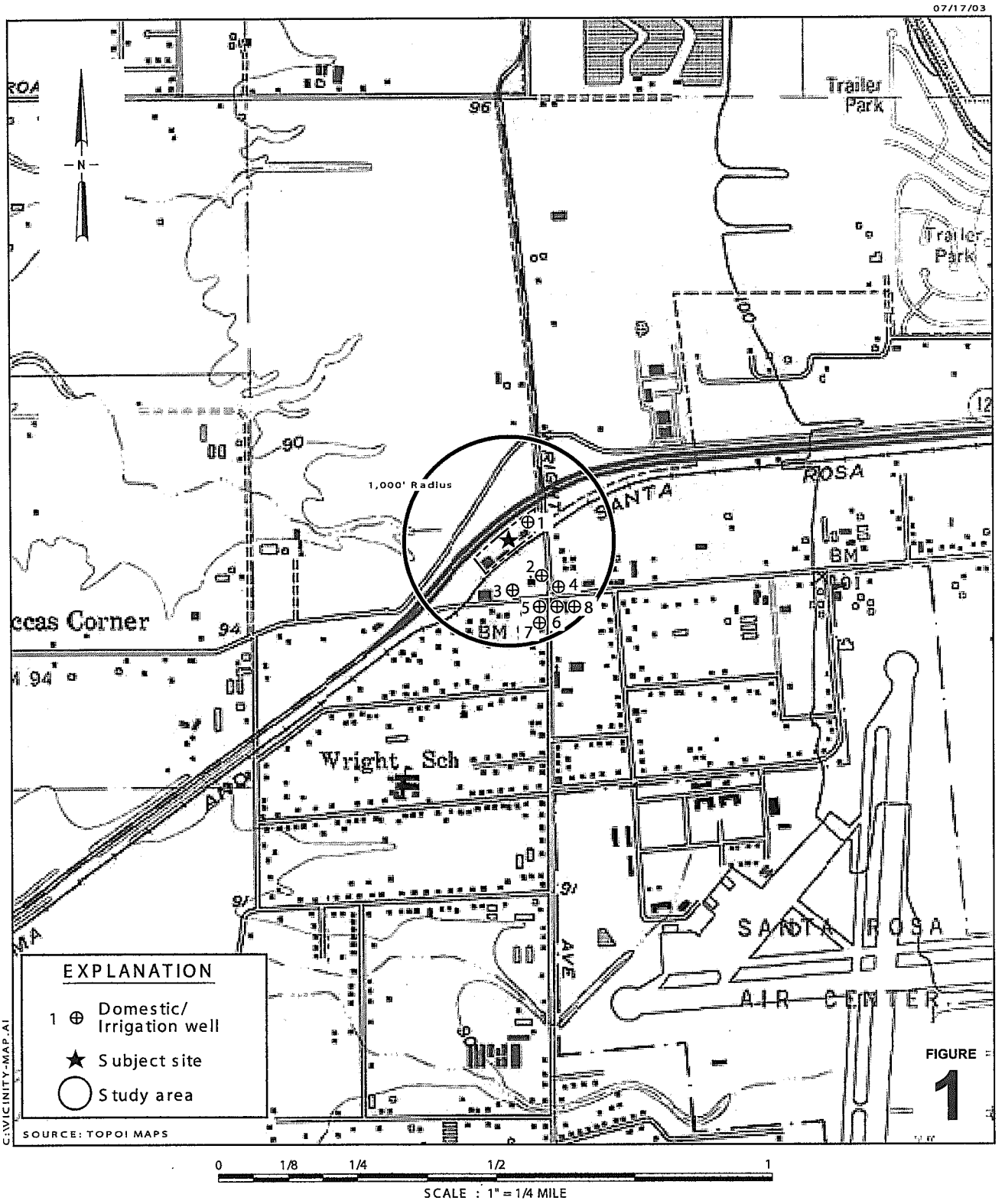
CC: Cliff Ives – County of Sonoma Department of Health Services

Attachments:

Figure 1 – Vicinity Map
Figure 2 – Groundwater Contour Map

Table 1 – Soil and Groundwater Analytical Data
Table 2 – Groundwater Elevation and Analytical Data
Table 3 – Historical Groundwater Flow and Gradient

Appendix A – Groundwater Monitoring Field Data Sheets
Appendix B – Analytical Results for Groundwater

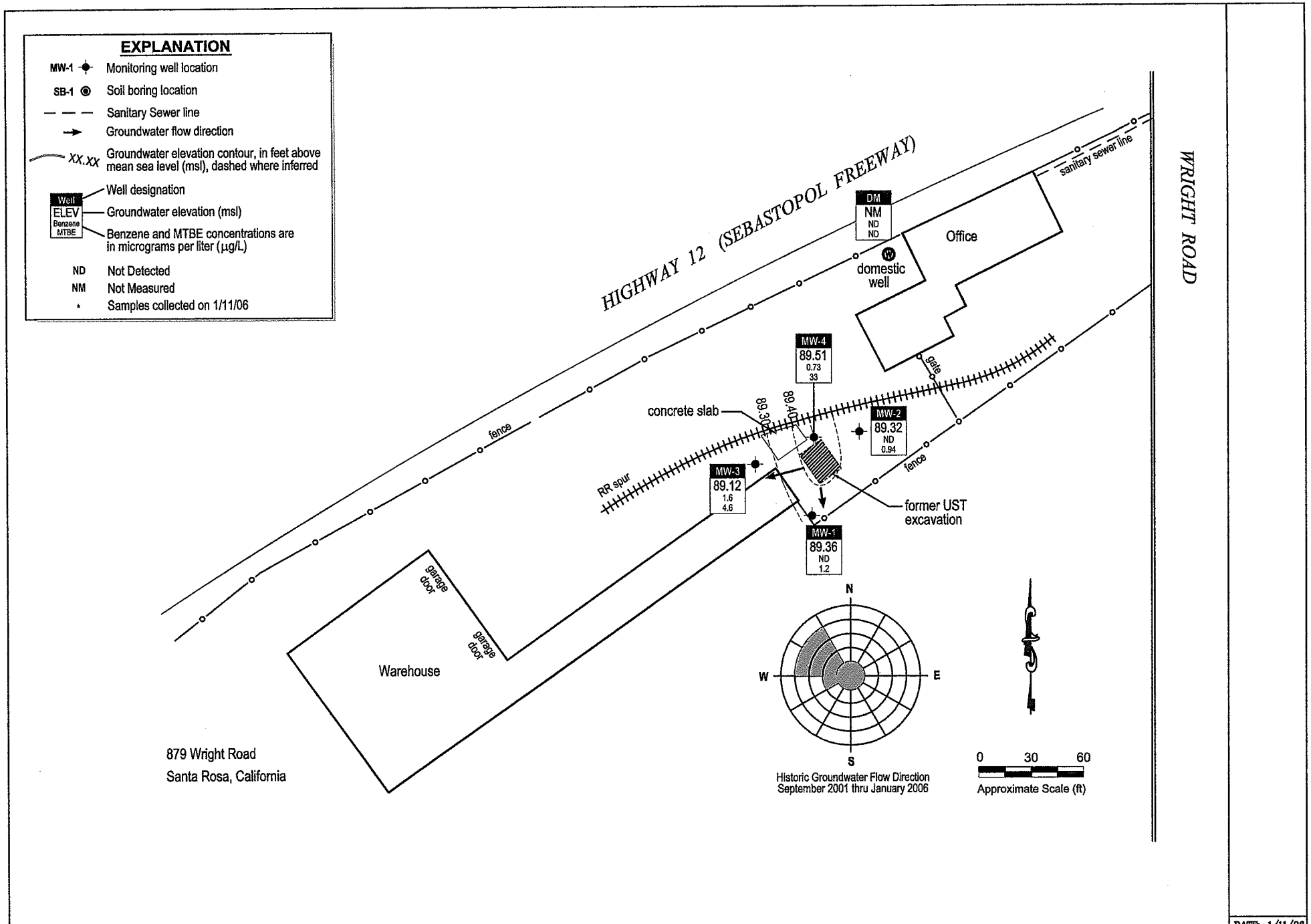


Vicinity Map

879 Wright Road

Santa Rosa, California

1,000 Foot Radius



BAY CONSULTING SERVICES
41 SEA BREEZE CT.
NAPA, CA 94559

Groundwater Contour Map

DATE: 1/11/06
SITE PLAN
FIGURE
2

TABLE 1 - SOIL SAMPLE RESULTS
Alcal, 879 Wright Road, Santa Rosa, CA
Results in mg/kg, (parts per million - ppm), unless noted

Sample ID	Sample Date	Depth (feet)	TPHg (ppm)	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	Xylenes (ppm)	MtBE (ppm)	TPHd (ppm)	Lead (ppm)
Tank Removal, 1993 – BRC & Associates, Ltd										
2KGE	12/16/93	7.5	140	<0.5	<0.5	0.52	1.8	NT	41	<0.25
2KDS	12/15/93	7.5	110	0.39	<0.12	1.3	1.0	NT	240	NT
Stockpile Soil Samples, 1993 – BRC & Associates, Ltd										
SP (a-d)	12/15/93	--	2500	36	56	11	120	NT	640	NT
SP 2	12/16/93	--	2400	14	4.6	22	63	NT	250	7.1
Soil Borings, 1995, ACC Environmental Consultants										
B1-5	7/12/95	5	<1	<0.005	<0.005	<0.005	<0.005	0.024	<1	--
B1-8	7/12/95	8	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<1	--
B1-10	7/12/95	10	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<1	--
B2-5	7/12/95	5	2.9	0.038	0.007	<0.005	<0.005	<0.005	<1	--
B2-9	7/12/95	9	14	0.12	<0.005	0.038	0.030	0.0061	4.7	--
B3-6	7/12/95	6	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<1	--
B3-9	7/12/95	9	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<1	--
B4-6	7/12/95	6	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<1	--
B4-9	7/12/95	9	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<1	--
B5-6	7/12/95	6	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<1	--
B5-9	7/12/95	9	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<1	--
B6-6	7/12/95	6	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<1	--
B6-9	7/12/95	9	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<1	--
B7-6	7/12/95	6	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<1	--
B7-9	7/12/95	9	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<1	--
B8-6	7/12/95	6	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<1	--
B8-8	7/12/95	8	<1	0.023	<0.005	<0.005	<0.005	20	<1	--
B9-6	7/12/95	6	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<1	--
B9-9	7/12/95	9	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<1	--
Well Installation, 1995 – ACC Environmental Consultants										
MW1-5.5	8/25/95	5.5	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<1	--
MW1-10.5	8/25/95	10.5	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<1	--
MW2-4.5	8/25/95	4.5	<1	0.023	<0.005	<0.005	<0.005	<0.005	<1	--
MW2-6	8/25/95	6	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<1	--
MW2-7.5	8/25/95	7.5	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<1	--

TABLE 1 - SOIL SAMPLE RESULTS
Alcal, 879 Wright Road, Santa Rosa, CA
Results in mg/kg, (parts per million - ppm), unless noted

Sample ID	Sample Date	Depth (feet)	TPHg (ppm)	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	Xylenes (ppm)	MtBE (ppm)	TPHd (ppm)	Lead (ppm)
MW2-9	8/25/95	9	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<1	--
MW2-10.5	8/25/95	10.5	<1	0.023	<0.005	<0.005	<0.005	20	<1	--
MW2-12	8/25/95	12	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<1	--
MW2-13.5	8/25/95	13.5	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<1	--
MW2-15	8/25/95	15	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<1	--
MW2-16.5	8/25/95	16.5	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<1	--
MW2-18	8/25/95	18	<1	0.023	<0.005	<0.005	<0.005	<0.005	<1	--
MW3-5.5	8/25/95	5.5	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<1	--
MW3-10.9	8/25/95	10.5	9.6	<0.005	<0.005	0.21	0.38	<0.005	<1	--
Stockpiled Soil, 1995 – ACC Environmental Consultants										
SS-1	1995	--	<1	<0.005	<0.005	<0.005	<0.005	<0.005	110	--
SS-2	1995	--	<1	<0.005	<0.005	<0.005	<0.005	<0.005	160	--
SS-3	1995	--	<1	<0.005	<0.005	<0.005	<0.005	<0.005	400	--
SS-4	1995	--	<1	<0.005	<0.005	<0.005	<0.005	<0.005	110	--
Well Installation, 2003 – Bay Consulting Services										
MW4-5.5	6/13/03	5.5	<1	<0.005	<0.005	<0.005	<0.005	0.1	--	--

Explanation: TPHg = Total Petroleum Hydrocarbons as gasoline
MtBE = Methyl tert-Butyl Ether
NA = Not analyzed
TPHd = Total Petroleum Hydrocarbons as diesel

TABLE 1
GROUNDWATER SAMPLES COLLECTED FROM BORINGS
Alcal, 879 Wright Road, Santa Rosa, CA
Results in µg/L, (parts per billion - ppb), unless noted

Sample ID	Sample Date	TPHg (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)	MtBE (ppb)	TPHd (ppb)	Lead (ppb)
Grab Water Sample from Tank Excavation, 1993 – BCR & Associates									
1	12/16/93	150,000	6,800	1,900	1,400	6,300	--	170,000	--
Grab Water Sample from Excavation, 1995 – ACC Environmental Consultants									
Water	3/3/95	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
Grab Water Sample from Borings, 1995 – ACC Environmental Consultants									
B1-H2O	7/12/95	<50	<0.3	<0.3	<0.3	<0.3	290	<50	--
B2-H2O	7/12/95	100,000	950	<60	1,000	1,300	410	<50	--
B3-H2O	7/12/95	<50	<0.3	<0.3	<0.3	<0.3	<5.0	<50	--
B4-H2O	7/12/95	<50	0.6	0.7	<0.3	0.5	18	<50	--
B5-H2O	7/12/95	<50	<0.3	<0.3	<0.3	<0.3	32	411	--
B6-H2O	7/12/95	<50	<0.3	<0.3	<0.3	<0.3	21	<50	--
B7-H2O	7/12/95	<50	<0.3	<0.3	<0.3	<0.3	21	<50	--
B8-H2O	7/12/95	280,000	2,000	280	570	1,000	510	81,000	--
B9-H2O	7/12/95	<50	0.4	0.8	<0.3	0.4	<5	<50	--

Explanation: TPHg = Total Petroleum Hydrocarbons as gasoline
MtBE = Methyl tert-Butyl Ether
Concentrations in parenthesis indicate MtBE analysis by EPA Method 8260B
TPHd = Total Petroleum Hydrocarbons as diesel

TABLE 2
Groundwater Monitoring Data and Analytical Results
Alcal Santa Rosa, 879 Wright Road, Santa Rosa

Well ID	Sample Date	TOC (Ft.)	DTW (ft.)	GWE (msl)	TPHg (ppb)	Benzene (ppb)	Toluene (ppb)	E. benzene (ppb)	Xylenes (ppb)	MtBE (ppb)	TBA (ppb)	DIPE (ppb)	TAME (ppb)	ETBE (ppb)	1.2-DCA (ppb)	EDB (ppb)
MW-1	8/31/1995[1]	93.64	7.85	85.79	<50	<0.3	<0.3	<0.3	<0.3	44						
	12/5/1995	93.64	8.78	84.86	<50	<0.3	<0.3	<0.3	<0.3	25						
	3/5/1996	93.64	2.12	91.52	<50	<0.3	<0.3	<0.3	<0.3	44						
	6/5/1996	93.64	3.62	90.02	<50	<0.3	<0.3	<0.3	<0.3	24						
	12/13/1996	93.64	2.98	90.66	NA	NA	NA	NA	NA	NA						
	6/23/1997	93.64	6.66	86.98	NA	NA	NA	NA	NA	NA						
	1/15/1998	93.64	1.78	91.86	NA	NA	NA	NA	NA	NA						
	7/20/1998	93.64	5.32	88.32	NA	NA	NA	NA	NA	NA						
	2/1/1999	93.64	2.96	90.68	NA	NA	NA	NA	NA	NA						
	8/12/1999	93.64	7.00	86.64	NA	NA	NA	NA	NA	NA						
	2/1/2000	93.64	2.52	91.12	NA	NA	NA	NA	NA	NA						
	7/28/2000	93.64	6.56	87.08	NA	NA	NA	NA	NA	NA						
	1/26/2001	93.64	2.98	90.66	NA	NA	NA	NA	NA	NA						
	9/28/2001	93.64	8.29	85.35	<50	<0.5	<0.5	<0.5	<0.5	2.8						
	3/12/2002	93.64	3.33	90.31	NA	NA	NA	NA	NA	NA						
	9/16/2002	93.64	7.99	85.65	<50	<0.5	<0.5	<0.5	<0.5	4.1						
	2/13/2003	93.64	3.84	89.80	<50	<0.5	<0.5	<0.5	<0.5	5.7	<10	<5	<5	<5	<2	<2
	6/26/2003[2]	93.56	5.07	88.49	<50	<0.5	<0.5	<0.5	<0.5	5.7	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	2/10/2004	93.56	3.76	89.80	<50	<0.5	<0.5	<0.5	<0.5	3.4	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	8/24/2004	93.56	Not Measured		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/9/2004	93.56	7.81	85.75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/21/2005	93.56	4.44	89.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/25/2005	93.56	4.88	88.68	<50	<0.5	<0.5	<0.5	<0.5	1.5	<5	<0.5	NA	NA	NA	NA
	1/11/2006	**93.56**	**4.2**	**89.36**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**1.2**	**<5**	**<0.5**	**NA**	**NA**	**NA**	**NA**
MW-2	8/31/1995	93.50	7.69	85.81	<50	<0.3	<0.3	<0.3	<0.3	<0.3						
	12/5/1995	93.50	8.63	84.87	<50	<0.3	<0.3	<0.3	<0.3	<0.3						
	3/5/1996	93.50	2.13	91.37	<50	<0.3	<0.3	<0.3	<0.3	<0.3						
	6/5/1996	93.50	3.51	89.99	<50	<0.3	<0.3	<0.3	<0.3	<0.3						
	12/13/1996	93.50	3.00	90.50	NA	NA	NA	NA	NA	NA						
	6/23/1997	93.50	6.49	87.01	NA	NA	NA	NA	NA	NA						
	1/15/1998	93.50	1.79	91.71	NA	NA	NA	NA	NA	NA						
	7/20/1998	93.50	5.22	88.28	NA	NA	NA	NA	NA	NA						
	2/1/1999	93.50	2.95	90.55	NA	NA	NA	NA	NA	NA						
	8/12/1999	93.50	6.88	86.62	NA	NA	NA	NA	NA	NA						
	2/1/2000	93.50	2.58	90.92	NA	NA	NA	NA	NA	NA						
	7/28/2000	93.50	6.40	87.10	NA	NA	NA	NA	NA	NA						
	1/26/2001	93.50	2.98	90.52	NA	NA	NA	NA	NA	NA						
	9/28/2001	93.50	8.16	85.34	<50	<0.5	<0.5	<0.5	<0.5	<0.5						
	3/12/2002	93.50	3.33	90.17	NA	NA	NA	NA	NA	NA						
	9/16/2002	93.50	7.82	85.68	<50	<0.5	<0.5	<0.5	<0.5	<0.5						
	2/13/2003	93.50	3.77	89.73	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<5	<5	<5	<2	<2
	6/26/2003[2]	93.47	4.82	88.65	<50	<0.5	<0.5	<0.5	<0.5	1.3	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	2/10/2004	93.47	4.03	89.44	<50	<0.5	<0.5	<0.5	<0.5	1.2	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	8/24/2004	93.47	Not Measured		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 2
Groundwater Monitoring Data and Analytical Results
Alcal Santa Rosa, 879 Wright Road, Santa Rosa

Well ID	Sample Date	TOC (Ft.)	DTW (ft.)	GWE (msl)	TPHg (ppb)	Benzene (ppb)	Toluene (ppb)	E. benzene (ppb)	Xylenes (ppb)	MtBE (ppb)	TBA (ppb)	DIPE (ppb)	TAME (ppb)	ETBE (ppb)	1.2-DCA (ppb)	EDB (ppb)
MW-2	9/9/2004	93.47	7.18	86.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/21/2005	93.47	4.21	89.26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/25/2005	93.47	4.97	88.50	<50	<0.5	<0.5	<0.5	<0.5	1.3	<5	<0.5	NA	NA	NA	NA
	1/11/2006	**93.47**	**4.15**	**89.32**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**0.94**	**<5**	**<0.5**	**NA**	**NA**	**NA**	**NA**
MW-3	12/5/1995	93.15	8.33	84.82	480	36	<0.3	<0.3	27	330						
	3/5/1996	93.15	2.06	91.09	240	19	<0.3	<0.3	<0.3	<0.5						
	6/5/1996	93.15	3.42	89.73	95	6.8	<0.3	5.3	2.5	74						
	12/13/1996	93.15	2.92	90.23	240	8.4	<0.5	12	3.5	93						
	6/23/1997	93.15	6.30	86.85	390	16	<0.5	26	6.9	44						
	1/15/1998	93.15	1.73	91.42	180	5.3	2.6	7.3	1.2	29						
	7/20/1998	93.15	4.93	88.22	<50	<0.5	<0.5	<0.5	<0.5	13						
	2/1/1999	93.15	2.81	90.34	130	0.62	3.3	1.2	1.1	15						
	8/12/1999	93.15	6.78	86.37	120	0.9	1.9	3.0	0.9	21						
	2/1/2000	93.15	2.50	90.65	190	0.82	2.0	4.0	0.61	4.1						
	7/28/2000	93.15	6.24	86.91	320	1.9	<0.5	1.0	<0.5	10						
	1/26/2001	93.15	2.64	90.51	100	<0.5	<0.5	1.5	<0.5	<0.5						
	9/28/2001	93.15	8.10	85.05	180	0.8	2.8	2.2	0.7	13						
	3/12/2002	93.15	3.03	90.12	83	1.0	1.2	<0.5	<0.5	7.4						
	9/16/2002	93.15	7.79	85.36	130	1.6	<0.5	0.8	<0.5	10						
	2/13/2003	93.15	3.43	89.72	180	2.2	0.6	0.5	<0.5	9.2	<10	<5	<5	<5	<2	<2
	6/26/2003[2]	93.12	4.56	88.56	110	<0.5	<0.5	<0.5	<0.5	9.2	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	2/10/2004	93.12	3.78	89.34	270	2.5	<0.5	0.56	<0.5	8.3	<5	0.53	<0.5	<0.5	<0.5	<0.5
	8/24/2004	93.12	7.30	85.82	110	<0.5	<0.5	<0.5	<0.5	17	<5	<0.5	NA	NA	NA	NA
	9/9/2004	93.12	7.66	85.46	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/21/2005	93.12	3.71	89.41	190	<0.5	<0.5	<0.5	<0.5	4.7	<5	<0.5	NA	NA	NA	NA
	7/25/2005	93.12	4.45	88.67	180	0.72	<0.5	0.64	<0.5	10	<5	<0.5	NA	NA	NA	NA
	1/11/2006	**93.12**	**4.00**	**89.12**	**210**	**1.6**	**<0.5**	**0.56**	**<0.5**	**4.6**	**<5**	**<0.5**	**NA**	**NA**	**NA**	**NA**
MW-4	6/26/2003	93.86	5.28	88.58	61	<0.5	<0.5	<0.5	<0.5	51	23	<0.5	<0.5	<0.5	<0.5	<0.5
	2/10/2004	93.86	4.17	89.69	<50	<0.5	<0.5	<0.5	<0.5	15	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	8/24/2004	93.86	7.79	86.07	<50	<0.5	<0.5	<0.5	<0.5	68	15	<0.5	NA	NA	NA	NA
	9/9/2004	93.86	8.01	85.85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/21/2005	93.86	4.14	89.72	<50	<0.5	<0.5	<0.5	<0.5	11	<5	<0.5	NA	NA	NA	NA
	7/25/2005	93.86	5.09	88.77	350	<0.5	<0.5	<0.5	<0.5	130	130	<0.5	NA	NA	NA	NA
	1/11/2006	**93.86**	**4.35**	**89.51**	**57**	**0.73**	**<0.5**	**<0.5**	**<0.5**	**33**	**24**	**<0.5**	**NA**	**NA**	**NA**	**NA**
Domestic Well																
	12/13/1996		NM		<50	<0.5	<0.5	<0.5	<0.5	<0.5						
	6/23/1997		NM		<50	<0.5	<0.5	<0.5	<0.5	<20						
	1/15/1998		NM		<50	<0.5	<0.5	<0.5	<0.5	<0.5						
	7/20/1998		NM		<50	<0.5	<0.5	<0.5	<0.5	<0.5						
	2/1/1999		NM		<50	<0.5	<0.5	<0.5	<0.5	1.9						
	8/12/1999		NM		<50	<0.5	<0.5	<0.5	0.6	<0.5						
	2/1/2000		NM		<50	<0.5	<0.5	<0.5	<0.5	<0.5						
	7/28/2000		NM		<50	<0.5	<0.5	<0.5	<0.5	<0.5						
	1/26/2001		NM		67	<0.5	<0.5	<0.5	<0.5	<0.5						

TABLE 2
Groundwater Monitoring Data and Analytical Results
Alcal Santa Rosa, 879 Wright Road, Santa Rosa

Well ID	Sample Date	TOC (Ft.)	DTW (ft.)	GWE (msl)	TPHg (ppb)	Benzene (ppb)	Toluene (ppb)	E. benzene (ppb)	Xylenes (ppb)	MtBE (ppb)	TBA (ppb)	DIPE (ppb)	TAME (ppb)	ETBE (ppb)	1.2-DCA (ppb)	EDB (ppb)
	9/28/2001		NM		<50	<0.5	<0.5	<0.5	<0.5	<0.5						
	3/12/2002		NM		<50	<0.5	<0.5	<0.5	<0.5	<0.5						
Domestic	9/16/2002		NM		<50	<0.5	<0.5	<0.5	<0.5	<0.5						
Well	2/13/2003		NM		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<5	<5	<5	<2	<2
	6/26/2003[2,3]		NM		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	6/26/2003[4]		6.20		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	2/10/2004[3]		3.16		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	2/10/2004[4]		3.16		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5
	8/24/2004		8.69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	NA	NA	NA	NA
	9/9/2004		8.88		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/21/2005		3.52		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	NA	NA	NA	NA
	7/25/2005		6.28		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	NA	NA	NA	NA
	1/11/2006		**2.75**		**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5**	**<0.5**	**NA**	**NA**	**NA**	**NA**

Notes: Groundwater Monitoring Data and analytical results prior to 6/26/2003 were compliled from reports prepared by ACC Environmental Consultants.
Current results are highlited

TOC = Top of Casing surveyed elevation
(ft.) = Feet
GWE = Groundwater Elevation
msl = Mean Sea Level
DTW = Depth to Water
TPHd = Total Petroleum Hydrocarbons as Diesel

TPHg = Total Petroleum Hydrocarbons as gasoline
(ppb) = Parts per billion
NA = Not analyzed
MtBE = Methyl tertiary butyl ether
TBA = Tertiary butyl alcohol
DIPE = Di-isopropyl ether

ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
1,2-DCA = 1,2-Dichlorothane
EDB = 1,2-Dibromoethane
NM = Not Measured

1 The original surveyed elevation (TOC) for well MW-1 was 93.64 (Ron Archer, 8/29/95). Whereas the groundwater monitoring reports prepared by ACC identified the TOC for well MW-1 as 94.64.
2 The wells were resurveyed by Virgil Chavez Land Surveying on 6/24/2003.
3 Sample collected from the domestic well, prior to the pressure tank and treatment system.
4 Sample collected from the domestic well, post pressure and treatment system.

TABLE 3
Historical Groundwater Gradient and Flow Direction

Date Monitored	Gradient (foot/foot)	Flow Direction
8/31/1995	0.003	West
12/5/1995	0.001	Southwest
3/5/1996	0.009	Northwest
6/5/1996	0.006	West/Northwest
12/13/1996	0.008	Northwest
6/23/1997	0.003	West
1/15/1998	0.009	Northwest
7/20/1998	0.001	West/Northwest
2/1/1999	0.007	Northwest
8/12/1999	0.006	West/Northwest
2/1/2000	0.008	Northwest
7/28/2000	0.008	West
1/26/2001	0.008	North/Northwest
9/28/2001	0.006	West/Northwest
3/12/2002	0.004	Northwest
9/16/2002	0.006	West/Northwest
2/13/2003	0.001	Northwest
6/26/2003	0.003	Southwest
2/10/2004	0.01-0.02	Northwest - Northeast
9/9/2004	0.0026	West
2/22/2005	0.017	Southwest-South
7/25/2005	0.01-0.002	Southwest-South
1/11/2006	0.004 - 0.007	Southwest-South

Notes: Groundwater Gradient and Flow directions prior to 6/26/2003 were adjusted according to the resurveyed elevations.

ATTACHMENT A

GROUNDWATER MONITORING FIELD DATA SHEETS

WELLHEAD INSPECTION CHECKLIST

Client Misty Kaltreider Date 1-11-06

Site Address 829 Wright rd, Santa Rosa

Job Number 060111emi Technician EMorse

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

NOTES: mw-2 lid was missing completely. workers broke it last week. put lock on cap

WELL GAUGING DATA

Project # 060111 emi Date 1/11/06 Client Misty Kattreider

Site 879 Wright Rd, Santa Rosa

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-1	2					4.20	14.05	TOC	
MW-2	2					4.15	19.20		
MW-3	2					4.00	14.50		
MW-4	2					4.35	17.30		
domestic	4					2.75	—		

WELL MONITORING DATA SHEET

Pg 1 of 2

Project #: 060111 em1	Client: Misty Kaltreider
Sampler: E Morse	Date: 1-11-06
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 14.05	Depth to Water (DTW): 4.20
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 6.17	

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

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

1.6 (Gals.) X 10 = 16 Gals.
1 Case Volume — Specified Volumes — Calculated Volume

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

Time	Temp (°F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
~~730~~	~~63.1~~	~~6.8~~	~~12.66~~	~~>1000~~		
744	60.6	7.2	945	171	3.5	
750	60.8	7.2	998	234	6.7	
755	60.7	7.5	996	206	10	
813	60.2	7.8	1047	302	13.5	

over

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

Sampling Date: 1-11-06 Sampling Time: 825 Depth to Water: 4.87

Sample I.D.: MW-1 Laboratory: (Kiff) CalScience Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Oxygenates (5) Other: TBA, DIPE

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

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

WELL MONITORING DATA SHEET

Project #: 060111em1	Client:
Sampler: E Morse	Date: 1-11-06
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD):	Depth to Water (DTW):
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

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

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

_____(Gals.) X _____ = _____ Gals.
1 Case Volume Specified Volumes Calculated Volume

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

Time	Temp (°F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
#10 820	60.2	6.8	1091	493	16	

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

Sampling Date: 1-11-06 Sampling Time: 825 Depth to Water:

Sample I.D.: MW-1 Laboratory: (Kiff) CalScience Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Oxygenates (5) Other: tba, tame

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

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

WELL MONITORING DATA SHEET

Project #: 060111em1	Client: Misty Kaltreider
Sampler: E Morse	Date: 1-11-06
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 19.20	Depth to Water (DTW): 4.15
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 7.16	

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

1505

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

2.4 (Gals.) X 10 = 24 Gals.
1 Case Volume — Specified Volumes — Calculated Volume

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

Time	Temp (°F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
730	63.1	6.8	1266	>1000	~~2.4~~ 4.8	
738	64.4	7.3	1300	92.6	9.6	
746	65.2	7.0	1280	71.3	13	
752	65.9	7.1	1289	75.5	19	
800	65.5	7.2	1286	70.7	24	

Did well dewater? Yes (No) Gallons actually evacuated: 24

Sampling Date: 1-11-06 Sampling Time: 805 Depth to Water: 4.35

Sample I.D.: mw-2 Laboratory: (Kiff) CalScience Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Oxygenates (5) Other: Tba DIPE

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

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

WELL MONITORING DATA SHEET

Project #: 060111-eml	Client: Misty Kaltreider
Sampler: E Morse	Date: 1-11-06
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 14.50	Depth to Water (DTW): 4.00
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 6.10	

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

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

1.7 (Gals.) X 10 = 17 Gals.
1 Case Volume — Specified Volumes — Calculated Volume

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

Time	Temp (°F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
815	61.9	7.2	1265	125	3.5	
821	61.6	7.2	1258	49	7.0	
827	61.9	7.3	1259	47	10.5	
832	61.4	7.0	1172	70	14	
836	61.9	7.1	1228	53	17	

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

Sampling Date: 1-11-06 Sampling Time: 840 Depth to Water: 4.55

Sample I.D.: MW-3 Laboratory: (Kiff) CalScience Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Oxygenates (5) Other: TBA, DIPE

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

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

WELL MONITORING DATA SHEET

Project #: 060111em1	Client: Misty Kaltreider
Sampler: E Morse	Date: 1-11-06
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 17.30	Depth to Water (DTW): 4.35
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 6.95	

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

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

2.0 (Gals.) X 10 = 20 Gals.
1 Case Volume — Specified Volumes — Calculated Volume

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

Time	Temp (°F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
850	63.2	7.4	1184	>1000	4.0	Odor
853	64.8	6.8	1229	>1000	8.0	
856	65.3	6.8	1266	>1000	12.0	
859	65.7	6.9	1304	>1000	16.0	
905	65.3	6.9	1301	>1000	20	

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

Sampling Date: 1-11-06 Sampling Time: 905 Depth to Water: 4.75

Sample I.D.: MW-4 Laboratory: (Kiff) CalScience Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Oxygenates (5) Other: TBA, DIPE

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

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

WELL MONITORING DATA SHEET

Project #: 060111 eml	Client: Misty Kaltreider
Sampler: E. Morse	Date: 1-11-06
Well I.D.: Domestic well	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): —	Depth to Water (DTW): 2.75
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: ~~Bailer~~ ~~Disposable Bailer~~ ~~Positive Air Displacement~~ ~~Electric Submersible~~ ~~Waterra~~ ~~Peristaltic~~ ~~Extraction Pump~~ ~~Other_____~~

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

_____(Gals.) X _____ = _____ Gals.
1 Case Volume Specified Volumes Calculated Volume

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

Time	Temp (°F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
* 720	55.1	6.3	736	7	—	

Did well dewater? Yes No Gallons actually evacuated: —

Sampling Date: 1-11-06 Sampling Time: 720 Depth to Water:

Sample I.D.: domestic well Laboratory: (Kiff) CalScience Other _____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Oxygenates (5) Other: TBA, DIPE

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

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

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY BTS #0601 11-em1

CLIENT: Misty Kaltreider

SITE: 879 Wright Rd.
Santa Rosa, CA

CONDUCT ANALYSIS TO DETECT

LAB KIFF 417868 DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND
☐ EPA ☐ RWQCB REGION
☐ LIA
☐ OTHER

SPECIAL INSTRUCTIONS

Invoice and Report to : Misty Kaltreider

Geotracker Global I.D.# T0609700415

SAMPLE I.D.	DATE	TIME	MATRIX S= SOIL W=H_2O	CONTAINERS TOTAL		C = COMPOSITE ALL CONTAINERS	TPH-G	BTEX	MTBE	TBA	DIPE	RCI	LUFT 5 Metals		ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
mw-1	1/11/06	825	W	3	HCl		X	X	X	X	X							01
mw-2	1/11/06	805		3			X	X	X	X	X							02
mw-3	1-11-06	840		3			X	X	X	X	X							03
mw-4	1-11-06	905		3			X	X	X	X	X							04
domestic well	1-11-06	720		3			X	X	X	X	X							05

Sample Receipt
Temp °C 4.2 Therm. ID# IR4
Initial KT Date 01/11/06
Time 1500 Coolant present Y/N

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED NO LATER THAN
	1-11-06	905	E. Morse	Standard TAT

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
[signature]	1-11-06	1400	[signature]	1-11-06	1400
[signature]	1-11-06	1500			
			[signature] Ty-Kiff Analytical	01/11/06	1500

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

Repair Data Sheet

Client: MISTY KALTRIEDER Date: 1-17-06

Site Address: 879 WRIGHT RD, SANTA ROSA

Job Number: 060117-TM1 Technician: T. MULLOY

Check indicates deficiency

Inspection Point (Well ID or description of location)	Well Inspected, Cleaned, Labeled - No Further Corrective Action Required	Replaced Cap	Replaced Lock	Replaced Lid Seal	Casing	Annular Seal	Tabs / Bolts	Box Structure	Apron	Trip Hazard	Below Grade	Not Securable by Design (12" diameter or less)	Lid not marked with words "MONITORING WELL"	Other Deficiency	Not Securable by Design (greater than 12" diameter)	Well Not Inspected (explain in notes)	Deficiency Logged on Repair Order	Deficiency Remains Uncorrected/Logged on Site Inspection Checklist	Partial Repair Completed/Outstanding Deficiency Logged on Repair Order	All Repairs Completed
MW-2		2 X												X						X
	Notes: NO LID, REPLACED WELLBOX																			
	1 WB, 4 BC																			
MW-1				X			X													X
	Notes: RETAPPED 2/2, + RIM SEAL																			
	2 RETAP, 1 RIM SEAL																			
MW-3				X			X													X
	Notes: 2/2 HELICOILED + RIM SEAL + 2 BOLTS																			
	Notes:																			
	Notes:																			
	Notes:																			

ATTACHMENT B

ANALYTICAL RESULTS

KIFF Analytical LLC

Report Number : 47868
Date : 1/16/2006

Misty Kaltreider
Bay Consulting Services
41 Sea Breeze Ct.
Napa, CA 94559

Subject : 5 Water Samples
Project Name : 879 Wright Rd. Santa Rosa, CA
Project Number : 060111-em1

Dear Ms. Kaltreider,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Joel Kiff

KIFF Analytical LLC

Report Number : 47868

Date : 1/16/2006

Project Name : **879 Wright Rd. Santa Rosa, CA**

Project Number : **060111-em1**

Sample : **MW-1** Matrix : Water Lab Number : 47868-01

Sample Date :1/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	1/12/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	1/12/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	1/12/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	1/12/2006
Methyl-t-butyl ether (MTBE)	**1.2**	0.50	ug/L	EPA 8260B	1/12/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/12/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	1/12/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	1/12/2006
Toluene - d8 (Surr)	98.7		% Recovery	EPA 8260B	1/12/2006
4-Bromofluorobenzene (Surr)	110		% Recovery	EPA 8260B	1/12/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 47868
Date : 1/16/2006

Project Name : **879 Wright Rd. Santa Rosa, CA**
Project Number : **060111-em1**

Sample : **MW-2** Matrix : Water Lab Number : 47868-02
Sample Date :1/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	1/12/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	1/12/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	1/12/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	1/12/2006
Methyl-t-butyl ether (MTBE)	**0.94**	0.50	ug/L	EPA 8260B	1/12/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/12/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	1/12/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	1/12/2006
Toluene - d8 (Surr)	98.5		% Recovery	EPA 8260B	1/12/2006
4-Bromofluorobenzene (Surr)	91.8		% Recovery	EPA 8260B	1/12/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 47868

Date : 1/16/2006

Project Name : **879 Wright Rd. Santa Rosa, CA**

Project Number : **060111-em1**

Sample : **MW-3** Matrix : Water Lab Number : 47868-03

Sample Date :1/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**1.6**	0.50	ug/L	EPA 8260B	1/12/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	1/12/2006
Ethylbenzene	**0.56**	0.50	ug/L	EPA 8260B	1/12/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	1/12/2006
Methyl-t-butyl ether (MTBE)	**4.6**	0.50	ug/L	EPA 8260B	1/12/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/12/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	1/12/2006
TPH as Gasoline	**210**	50	ug/L	EPA 8260B	1/12/2006
Toluene - d8 (Surr)	97.6		% Recovery	EPA 8260B	1/12/2006
4-Bromofluorobenzene (Surr)	93.5		% Recovery	EPA 8260B	1/12/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 47868

Date : 1/16/2006

Project Name : **879 Wright Rd. Santa Rosa, CA**

Project Number : **060111-em1**

Sample : **MW-4** Matrix : Water Lab Number : 47868-04

Sample Date :1/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**0.73**	0.50	ug/L	EPA 8260B	1/13/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	1/13/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	1/13/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	1/13/2006
Methyl-t-butyl ether (MTBE)	**33**	0.50	ug/L	EPA 8260B	1/13/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/13/2006
Tert-Butanol	**24**	5.0	ug/L	EPA 8260B	1/13/2006
TPH as Gasoline	**57**	50	ug/L	EPA 8260B	1/13/2006
Toluene - d8 (Surr)	99.0		% Recovery	EPA 8260B	1/13/2006
4-Bromofluorobenzene (Surr)	98.0		% Recovery	EPA 8260B	1/13/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 47868

Date : 1/16/2006

Project Name : **879 Wright Rd. Santa Rosa, CA**

Project Number : **060111-em1**

Sample : **domestic well** Matrix : Water Lab Number : 47868-05

Sample Date :1/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	1/12/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	1/12/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	1/12/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	1/12/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/12/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	1/12/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	1/12/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	1/12/2006
Toluene - d8 (Surr)	97.7		% Recovery	EPA 8260B	1/12/2006
4-Bromofluorobenzene (Surr)	91.6		% Recovery	EPA 8260B	1/12/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

Report Number : 47868

Date : 1/16/2006

QC Report : Method Blank Data

Project Name : **879 Wright Rd. Santa Rosa, CA**

Project Number : **060111-em1**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	1/12/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	1/12/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	1/12/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	1/12/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	1/12/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	1/12/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	1/12/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	1/12/2006
Toluene - d8 (Surr)	97.8		%	EPA 8260B	1/12/2006
4-Bromofluorobenzene (Surr)	91.6		%	EPA 8260B	1/12/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	1/12/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	1/12/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	1/12/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	1/12/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	1/12/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	1/12/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	1/12/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	1/12/2006
Toluene - d8 (Surr)	99.4		%	EPA 8260B	1/12/2006
4-Bromofluorobenzene (Surr)	110		%	EPA 8260B	1/12/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	1/12/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	1/12/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	1/12/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	1/12/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	1/12/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	1/12/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	1/12/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	1/12/2006
Toluene - d8 (Surr)	97.5		%	EPA 8260B	1/12/2006
4-Bromofluorobenzene (Surr)	98.3		%	EPA 8260B	1/12/2006

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 47868

Date : 1/16/2006

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **879 Wright Rd. Santa**

Project Number : **060111-em1**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	47870-01	260	40.0	40.0	298	290	ug/L	EPA 8260B	1/12/06	102	82.8	21.2	70-130	25
Toluene	47870-01	4.0	40.0	40.0	43.9	42.7	ug/L	EPA 8260B	1/12/06	99.7	96.8	2.95	70-130	25
Tert-Butanol	47870-01	15	200	200	224	214	ug/L	EPA 8260B	1/12/06	105	99.5	5.28	70-130	25
Methyl-t-Butyl Ether	47870-01	62	40.0	40.0	102	102	ug/L	EPA 8260B	1/12/06	101	99.6	1.51	70-130	25
Benzene	47868-01	<0.50	40.0	40.0	43.7	41.8	ug/L	EPA 8260B	1/12/06	109	104	4.43	70-130	25
Toluene	47868-01	<0.50	40.0	40.0	40.9	39.4	ug/L	EPA 8260B	1/12/06	102	98.5	3.74	70-130	25
Tert-Butanol	47868-01	<5.0	200	200	202	211	ug/L	EPA 8260B	1/12/06	101	105	4.22	70-130	25
Methyl-t-Butyl Ether	47868-01	1.2	40.0	40.0	43.1	42.3	ug/L	EPA 8260B	1/12/06	105	103	2.06	70-130	25
Benzene	47856-01	<0.50	40.0	40.0	44.6	44.2	ug/L	EPA 8260B	1/12/06	111	110	0.916	70-130	25
Toluene	47856-01	<0.50	40.0	40.0	40.9	40.5	ug/L	EPA 8260B	1/12/06	102	101	0.960	70-130	25
Tert-Butanol	47856-01	52	200	200	256	258	ug/L	EPA 8260B	1/12/06	102	103	1.02	70-130	25
Methyl-t-Butyl Ether	47856-01	280	40.0	40.0	326	327	ug/L	EPA 8260B	1/12/06	116	118	1.91	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 47868

Date : 1/16/2006

QC Report : Laboratory Control Sample (LCS)

Project Name : **879 Wright Rd. Santa**

Project Number : **060111-em1**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	1/12/06	107	70-130
Toluene	40.0	ug/L	EPA 8260B	1/12/06	103	70-130
Tert-Butanol	200	ug/L	EPA 8260B	1/12/06	100	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	1/12/06	95.7	70-130
Benzene	40.0	ug/L	EPA 8260B	1/12/06	97.9	70-130
Toluene	40.0	ug/L	EPA 8260B	1/12/06	96.9	70-130
Tert-Butanol	200	ug/L	EPA 8260B	1/12/06	101	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	1/12/06	92.9	70-130
Benzene	40.0	ug/L	EPA 8260B	1/12/06	111	70-130
Toluene	40.0	ug/L	EPA 8260B	1/12/06	103	70-130
Tert-Butanol	200	ug/L	EPA 8260B	1/12/06	104	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	1/12/06	107	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY BTS #0601 11-em1

CLIENT: Misty Kaltreider

SITE: 879 Wright Rd.
Santa Rosa, CA

CONDUCT ANALYSIS TO DETECT

LAB: KIFF 417868 DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND
- ☐ EPA
- ☐ LIA
- ☐ OTHER
- ☐ RWQCB REGION

SPECIAL INSTRUCTIONS

Invoice and Report to : Misty Kaltreider

Geotracker Global I.D.# T0609700415

SAMPLE I.D.	DATE	TIME	MATRIX S= SOIL W=H_2O	CONTAINERS TOTAL		C = COMPOSITE ALL CONTAINERS	TPH-G	BTEX	MTBE	TBA	DIPE	RCI	LUFT 5 Metals		ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
mw-1	1/11/06	825	W	3	HCl		X	X	X	X	X							01
mw-2	1/11/06	805		3			X	X	X	X	X							02
mw-3	1-11-06	840		3			X	X	X	X	X							03
mw-4	1-11-06	905		3			X	X	X	X	X							04
domestic well	1-11-06	720		3			X	X	X	X	X							05

Sample Receipt
Temp °C 4.2 Therm. ID# 184
Initial KT Date 01/11/06
Time 1500 Coolant present (Y) / N

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED NO LATER THAN
	1-11-06	905	E. Morse	Standard TAT

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
[signature]	1-11-06	1400	[signature]	1-11-06	1400
[signature]	1-11-06	1500			
			[signature] w/ Kiff Analytical	01/11/06	1500

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #