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

May 8, 2005

Ms. Normita Callison
Corporate Environmental Specialist
Pacific Coast Companies, Inc.
5550 Roseville Road
North Highlands, CA 95660

Re: Groundwater Monitoring Report –First Quarter 2005
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 2005, 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. The site background and findings from the work are described below.

SCOPE OF WORK

The scope of work for the investigation was to:

- Collect and analyze one groundwater sample from monitoring wells MW-3 and MW-4, 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: On February 21, 2005, Blaine Tech Services, Inc (Blaine) of San Jose purged and sampled wells MW-3 and MW-4. The February 2005 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. See Appendix C for the Geotracker electronic delivery confirmations. On November 15, 2004, two drums of soil were delivered to Vasco Road Landfill, Livermore for disposal. One water drum was delivered to Seaport, Redwood City for disposal. Disposal receipts area attached in Appendix D.

Sample Analyses: Samples were obtained from monitoring wells MW-3, MW-4, 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 on February 21, 2005, the groundwater flow direction varies to the Southwest to South with a gradient of 0.017 foot per foot (Figure 3). During this event, groundwater levels were reported between 3.52 to 4.44 feet bgs indicating over three-foot increase of water levels from the previous sampling event. The historical groundwater flow direction on site is to the west to north/northwest with isolated periods of southwest flow. Due to recent rains during this quarter's event, the groundwater appeared to pool around the former tank excavation which resulted in the varying groundwater flow observed during this event. Table 2 presents the historical groundwater flow directions and gradients.

***Hydrocarbon Distribution in Groundwater*:** Hydrocarbon concentrations as TPHg were detected in only monitoring well MW-3 at 190 micrograms per liter (µg/L). The slight increase in TPHg concentrations from the previous event appears to be associated with seasonal fluctuations of groundwater levels. Below laboratory detection limits of BTEX were reported in all monitoring wells measured. Detectable concentrations of MtBE ranged from 11 to 4.7 µg/L with the highest concentration reported in well MW-4. Below detectable concentrations of TBA and DIPE were reported in the groundwater during this event. The domestic well reported no detectable concentrations for all constituents in the pre-treatment system samples. Groundwater analytical results are summarized in Table 1, and hydrocarbon and MtBE concentrations are shown on Figure 3.

CONCLUSIONS

Analytical results for this event indicate that constituent concentrations have increased for TPHg in well MW-3 but have decreased for MtBE. Fluctuations in TPHg concentrations are likely due to the changes in groundwater levels observed during seasonal events. 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. To evaluate and remove residual source that may exist around the former tank excavation it is recommended that interim remedial action be performed through groundwater extraction through over purging of the existing groundwater wells. Confirmation water sampling would be required for all the monitoring wells on a quarterly basis to verify remedial progress. If concentrations decrease in the groundwater over four consecutive quarters, then we will evaluate the site for closure.

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

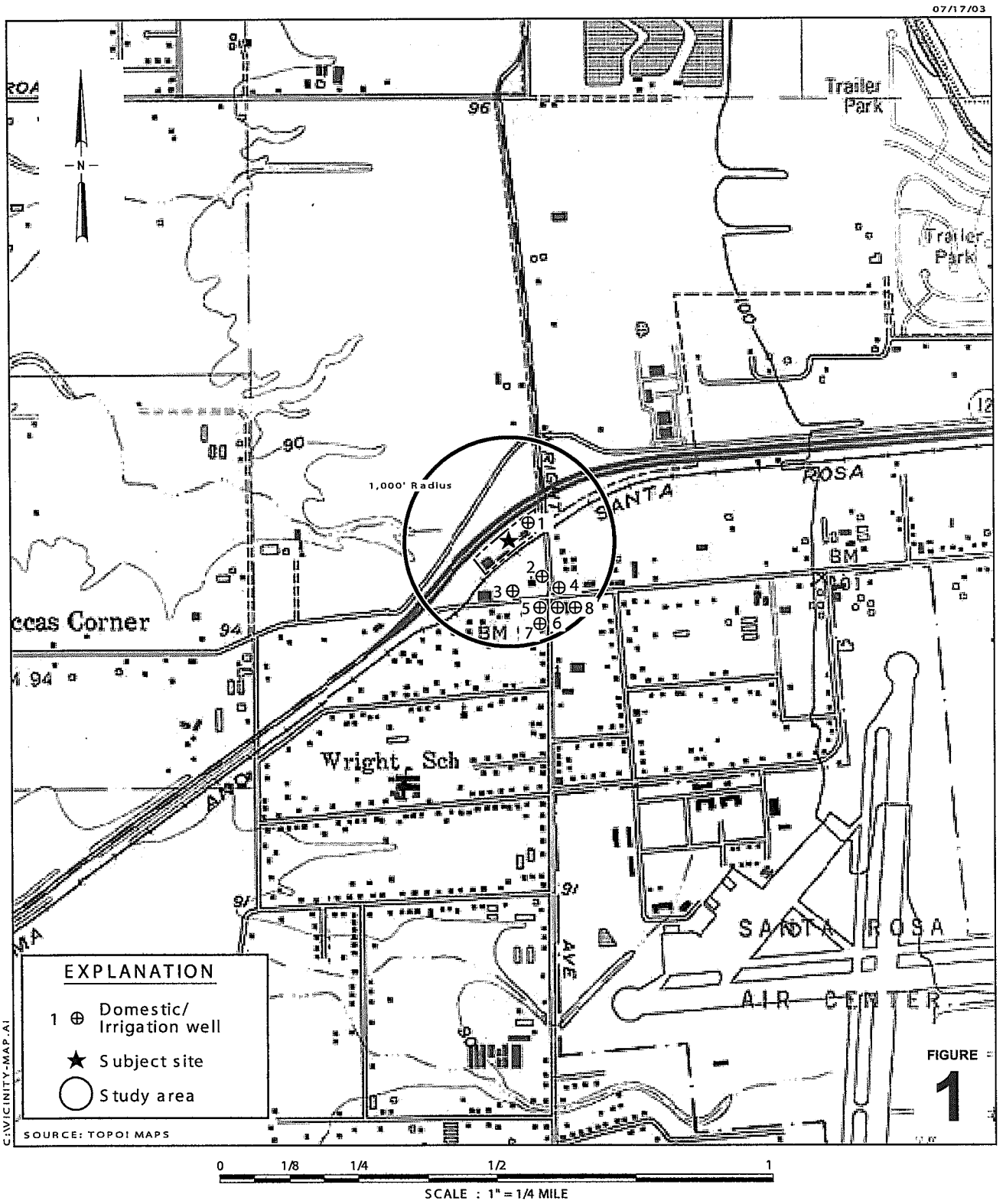
Misty C. Kaltreider, P.G.
Principal Geologist

Attachments:

Figure 1 – Vicinity Map
Figure 2 – Site Plan
Figure 3 – Groundwater Contour Map

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

Appendix A – Groundwater Monitoring Field Data Sheets
Appendix B – Analytical Results for Groundwater
Appendix C – Geotracker Electronic Delivery Confirmations
Appendix D –Certificate of Waste Disposal



Vicinity Map

879 Wright Road

Santa Rosa, California

1,000 Foot Radius

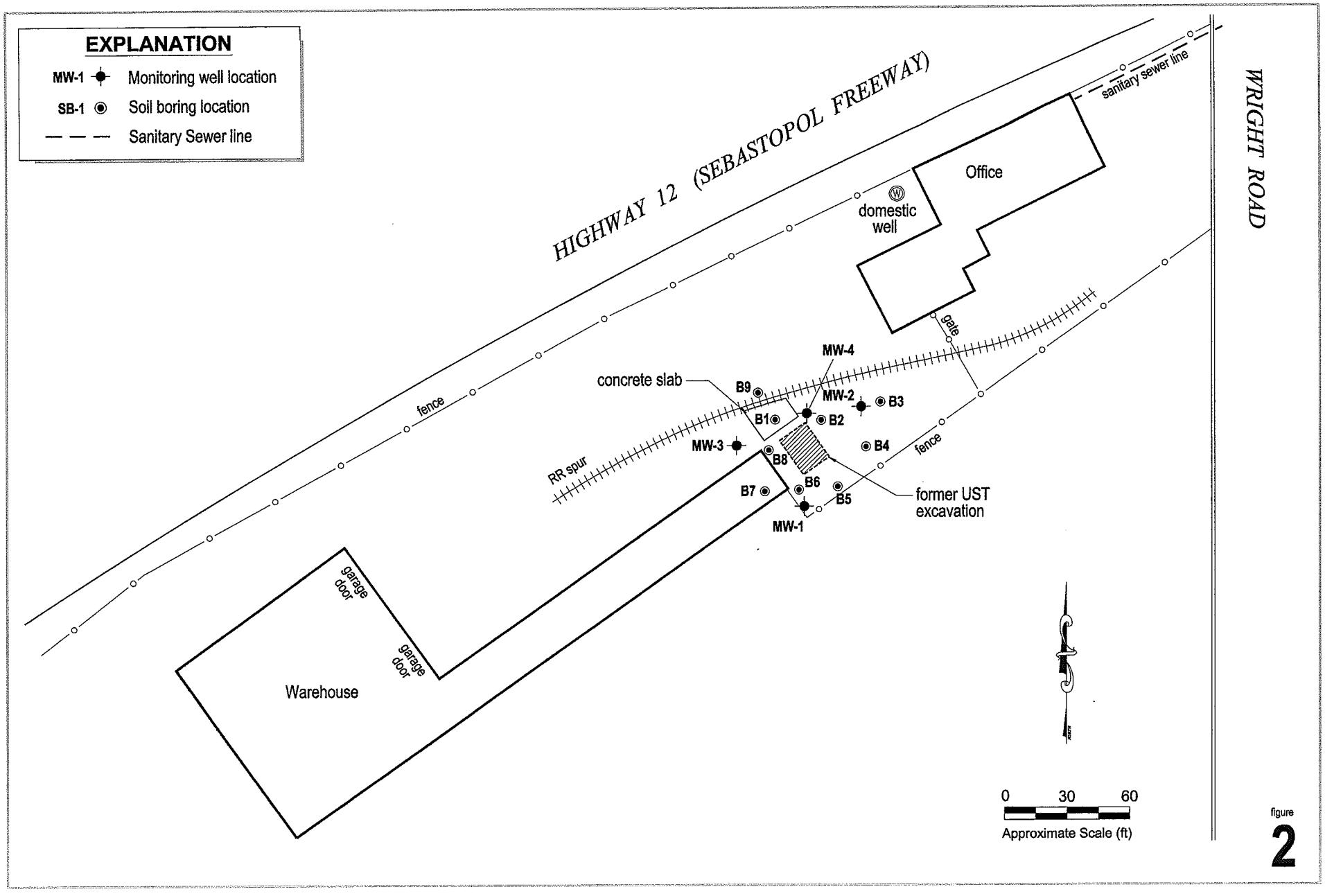
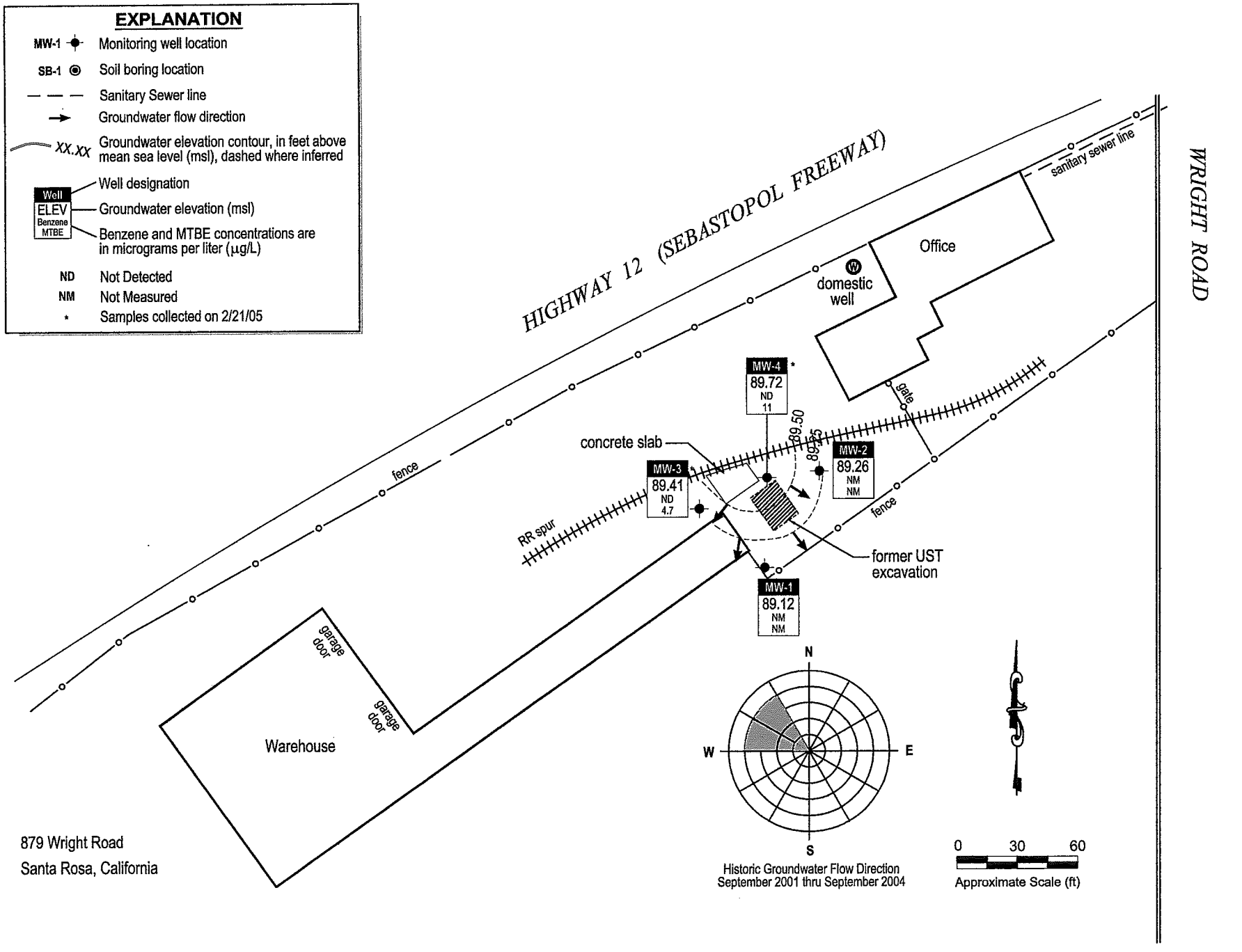


figure
2

Site Plan

879 Wright Road
Santa Rosa, California



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

Groundwater Contour Map

DATE: 4/22/05
SCALE: N.T.S.
SITE PLAN
FIGURE
3

TABLE 1
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
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

TABLE 1
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)
	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						
	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 [1]	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[23]		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**

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 1
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	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
	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
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**
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**
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						

TABLE 2
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

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 02-21-05

Site Address 879 WRIGHT ROAD

Job Number 050221-KB1 Technician K BJURSTROM

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

NOTES:

WELL GAUGING DATA

Project # 050221-KB1 Date 02-21-05 Client MISTY KALTREIDER

Site MISTY KALTREIDER @ 879 WRIGHT ROAD, 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					4.44	13.94	TOC	
MW-2	2					4.21	19.25		
MW-3	2					3.71	14.34		
MW-4	2					4.14	17.36		
DOMESTIC	4					3.52	–		

WELL MONITORING DATA SHEET

BTS #: 050221-KB1	Client: Misty Kaltreider
Sampler: Kalen	Date: 2/21/2005
Well I.D.: MW-3	Well Diameter: 2 3 4 6 8 ____
Total Well Depth (TD): 14.34	Depth to Water (DTW): 3.71
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]: 5.84	

Purge Method: 10.63
Bailer
Disposable Bailer
Postive Air Displacement
Electric Submersible
Waterra
Peristaltic
Extraction Pump
Other_____

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

1.7 (Gals.) X 3 = 5.1 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)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1031	61.1	6.7	1176	313	1.7	
1033	61.1	6.6	1198	324	3.4	
1035	60.9	6.5	1241	317	5.1	

Did well dewater? Yes No Gallons actually evacuated: 5.1

Sampling Date: 02-21-05 Sampling Time: 1035 Depth to Water: 3.89

Sample I.D.: MW-3 Laboratory: KIFF

Analyzed for: TPH-G BTEX MTBE TPH-D OXY's Other:

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

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

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

WELL MONITORING DATA SHEET

BTS #: 050221-KB1	Client: Misty Kaltreider
Sampler: Kalen	Date: 2/21/2005
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 17.36	Depth to Water (DTW): 4.14
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]: 6.78	

Purge Method: Bailer / Disposable Bailer ✓ / Postive Air Displacement / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other_____

13.22

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

2.1 (Gals.) X 3 = 6.3 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)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1043	62.3	6.7	1328	451	2.1	
1045	62.9	6.6	1341	433	4.2	
1047	63.3	6.5	1356	412	6.3	

Did well dewater? Yes (No) Gallons actually evacuated: 6.3

Sampling Date: 02-21-05 Sampling Time: 1050 Depth to Water: 5.17

Sample I.D.: MW-4 Laboratory: KIFF

Analyzed for: TPH-G BTEX MTBE TPH-D OXY's Other:

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

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

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

WELL MONITORING DATA SHEET

BTS #: 050221-KB1	Client: Misty Kaltreider
Sampler: Kalen	Date: 2/21/2005
Well I.D.: DOMESTIC WELL PRE	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, Postive 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)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1018	63.9	7.3	789	5	—	

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: 02-21-02 Sampling Time: 1020 Depth to Water:

Sample I.D.: DOMESTIC WELL PRE Laboratory: KIFF

Analyzed for: TPH-G BTEX MTBE TPH-D OXY's Other:

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

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

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

BLAINE
TECH SERVICES, INC.

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

CHAIN OF CUSTODY BTS # 050221-KB1

CLIENT: Misty Kaltreider

SITE: 879 Wright Rd.
Santa Rosa, CA

CONDUCT ANALYSIS TO DETECT

LAB: KIFF | 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-3	02-21-05	1035	W	3			X	X	X	X	X							
MW-4	↓	1050	↓	↓			X	X	X	X	X							
DOMESTIC WELL PIPE	↓	1020	↓	↓			X	X	X	X	X							

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED NO LATER THAN
	02-21-05	1100	KALEN BJURSTROM	Standard TAT

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
[signature]	02/24/05	1310			
			Mesfin Wlydhamus Kiff Analytical 022405 93		

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

ATTACHMENT B

ANALYTICAL RESULTS

KIFF ANALYTICAL LLC

Report Number : 42507
Date : 3/2/2005

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

Subject : 3 Water Samples
Project Name : 879 Wright Rd. Santa Rosa, CA
Project Number : 050221-KB1

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 : 42507
Date : 3/2/2005

Subject : 3 Water Samples
Project Name : 879 Wright Rd. Santa Rosa, CA
Project Number : 050221-KB1

Case Narrative

Matrix Spike/Matrix Spike Duplicate Results associated with samples MW-4 and DOMESTIC WELL PRE for the analytes Tert-Butanol, Methyl-t-butyl ether were affected by the analyte concentrations already present in the un-spiked sample.

Approved By: Joe Kiff

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

KIFF ANALYTICAL LLC

Report Number : 42507

Date : 3/2/2005

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

Project Number : **050221-KB1**

Sample : **MW-3** Matrix : Water Lab Number : 42507-01

Sample Date :2/21/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/25/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	2/25/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/25/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	2/25/2005
Methyl-t-butyl ether (MTBE)	**4.7**	0.50	ug/L	EPA 8260B	2/25/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	2/25/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	2/25/2005
TPH as Gasoline	**190**	50	ug/L	EPA 8260B	2/25/2005
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	2/25/2005
4-Bromofluorobenzene (Surr)	97.0		% Recovery	EPA 8260B	2/25/2005

Approved By: Joel Kiff

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

KIFF ANALYTICAL LLC

Report Number : 42507

Date : 3/2/2005

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

Project Number : **050221-KB1**

Sample : **MW-4** Matrix : Water Lab Number : 42507-02

Sample Date :2/21/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/25/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	2/25/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/25/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	2/25/2005
Methyl-t-butyl ether (MTBE)	**11**	0.50	ug/L	EPA 8260B	2/25/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	2/25/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	2/25/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	2/25/2005
Toluene - d8 (Surr)	99.1		% Recovery	EPA 8260B	2/25/2005
4-Bromofluorobenzene (Surr)	108		% Recovery	EPA 8260B	2/25/2005

Approved By: Joel Kiff

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

KIFF ANALYTICAL LLC

Report Number : 42507
Date : 3/2/2005

Project Name : **879 Wright Rd. Santa Rosa, CA**
Project Number : **050221-KB1**

Sample : **DOMESTIC WELL PRE** Matrix : Water Lab Number : 42507-03
Sample Date :2/21/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/25/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	2/25/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/25/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	2/25/2005
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	2/25/2005
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	2/25/2005
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	2/25/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	2/25/2005
Toluene - d8 (Surr)	98.3		% Recovery	EPA 8260B	2/25/2005
4-Bromofluorobenzene (Surr)	105		% Recovery	EPA 8260B	2/25/2005

Approved By: Joel Kiff

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

Report Number : 42507

Date : 3/2/2005

QC Report : Method Blank Data

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

Project Number : **050221-KB1**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	2/25/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	2/25/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/25/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	2/25/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	2/25/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	2/25/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	2/25/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	2/25/2005
Toluene - d8 (Surr)	101		%	EPA 8260B	2/25/2005
4-Bromofluorobenzene (Surr)	95.2		%	EPA 8260B	2/25/2005
Benzene	< 0.50	0.50	ug/L	EPA 8260B	2/25/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	2/25/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/25/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	2/25/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	2/25/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	2/25/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	2/25/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	2/25/2005
Toluene - d8 (Surr)	99.9		%	EPA 8260B	2/25/2005
4-Bromofluorobenzene (Surr)	96.2		%	EPA 8260B	2/25/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 42507

Date : 3/2/2005

QC Report : Matrix Spike/ Matrix Spike Duplicate

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

Project Number : **050221-KB1**

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	42501-20	74	40.0	40.0	114	106	ug/L	EPA 8260B	2/25/05	99.1	81.2	19.8	70-130	25
Toluene	42501-20	4.3	40.0	40.0	43.0	40.0	ug/L	EPA 8260B	2/25/05	96.7	89.3	7.99	70-130	25
Tert-Butanol	42501-20	2600	200	200	2710	2530	ug/L	EPA 8260B	2/25/05	72.3	0.00	200	70-130	25
Methyl-t-Butyl Ether	42501-20	500	40.0	40.0	544	513	ug/L	EPA 8260B	2/25/05	122	45.7	90.7	70-130	25
Benzene	42507-01	<0.50	40.0	40.0	42.0	41.7	ug/L	EPA 8260B	2/25/05	105	104	0.661	70-130	25
Toluene	42507-01	<0.50	40.0	40.0	40.6	40.0	ug/L	EPA 8260B	2/25/05	102	100	1.55	70-130	25
Tert-Butanol	42507-01	<5.0	200	200	192	196	ug/L	EPA 8260B	2/25/05	96.2	98.2	2.09	70-130	25
Methyl-t-Butyl Ether	42507-01	4.7	40.0	40.0	43.8	43.9	ug/L	EPA 8260B	2/25/05	97.9	98.0	0.0428	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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

Report Number : 42507

Date : 3/2/2005

QC Report : Laboratory Control Sample (LCS)

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

Project Number : **050221-KB1**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	2/25/05	99.5	70-130
Toluene	40.0	ug/L	EPA 8260B	2/25/05	99.7	70-130
Tert-Butanol	200	ug/L	EPA 8260B	2/25/05	101	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	2/25/05	91.6	70-130
Benzene	40.0	ug/L	EPA 8260B	2/25/05	103	70-130
Toluene	40.0	ug/L	EPA 8260B	2/25/05	104	70-130
Tert-Butanol	200	ug/L	EPA 8260B	2/25/05	99.4	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	2/25/05	93.0	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 # 050221-KB1

CLIENT: Misty Kaltreider

SITE: 879 Wright Rd.
Santa Rosa, CA

CONDUCT ANALYSIS TO DETECT

LAB: KIFF | 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-3	02-21-05	1035	W	3			X	X	X	X	X							01
MW-4	↓	1050	↓	↓			X	X	X	X	X							02
Domestic Well [illegible]	↓	1020	↓	↓			X	X	X	X	X							03

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED NO LATER THAN
	02-21-05	1100	KALEN BJURSTROM	Standard TAT

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
[signature]	02/24/05	1310			
			Mesfin Wydhannes Kiff Analytical 022405 1310		

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

ATTACHMENT C

GEOTRACKER ELECTRONIC DELIVERY CONFIRMATIONS

Electronic Submittal Information

Main Menu | View/Add Facilities | Upload EDD | Check EDD

UPLOADING A GEO_WELL FILE

Processing is complete. No errors were found!
Your file has been successfully submitted!

Submittal Title:	**First Qtr 2005 Groundwater Report**
Submittal Date/Time:	**3/28/2005 4:56:57 PM**
Confirmation Number:	**4155613541**

Back to Main Menu

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Electronic Submittal Information

Main Menu | View/Add Facilities | Upload EDD | Check EDD

Your EDF file has been succcessfully uploaded!

Confirmation Number: 7545720815
Date/Time of Submittal: 3/25/2005 12:43:32 PM
Facility Global ID: T0609700415
Facility Name: ALCAL Santa Rosa
Submittal Title: First Qtr 2005 Groundwater Report
Submittal Type: GW Monitoring Report

Click here to view the detections report for this upload.

ALCAL SANTA ROSA
879 WRIGHT RD N
SANTA ROSA, CA 95407

Regional Board - Case #: 1TSO587
NORTH COAST RWQCB (REGION 1) - **(HAZ)**
Local Agency (lead agency) - Case #: 00001844
SONOMA COUNTY LOP - **(CI)**

CONF #	TITLE	QUARTER
7545720815	First Qtr 2005 Groundwater Report	Q1 2005

SUBMITTED BY	SUBMIT DATE	STATUS
Misty Kaltreider	3/25/2005	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	3
# FIELD POINTS WITH DETECTIONS	2
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	1
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	SW8260B
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- SW8260B REQUIRES ETBE TO BE TESTED	
- SW8260B REQUIRES TAME TO BE TESTED	
- SW8260B REQUIRES DCA12 TO BE TESTED	
- SW8260B REQUIRES EDB TO BE TESTED	
LAB NOTE DATA QUALIFIERS	Y

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	Y
- MATRIX SPIKE DUPLICATE	Y
- BLANK SPIKE	Y
- SURROGATE SPIKE	Y

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	Y

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	Y
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	Y
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	Y

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

Logged in as MKALTREIDER (AUTH_RP) CONTACT SITE ADMINISTRATOR.

ATTACHMENT D

CERTIFICATE OF WASTE DISPOSAL

IWM, Inc.

INTEGRATED WASTESTREAM MANAGEMENT, INC.
950 AMES AVENUE, MILPITAS, CA 95035
PHONE: 408.942.8955 FAX: 408.942.1499

CERTIFICATE OF DISPOSAL

Generator Name:	Pacific Coast Company	Facility Name:	Alcal Roofing
Address:	5550 Roseville Road	Address:	879 Wright Road
	North Highlands, CA		Santa Rosa, CA
Contact:	Normita Collison	Facility Contact:	Misty Kaltreider, Bay Consulting Services, LLC
Phone:	916-339-8128	Phone:	707-254-9886

IWM Job #:	94542-DS
Description of Waste:	2 Drum(s) of Non-Hazardous Soil
Removal Date:	15 November 2004
Ticket #:	RSVRL151104

Transporter Information

Name:	IWM, Inc.
Address:	950 Ames Avenue
	Milpitas, CA 95035
Phone:	(408) 942-8955

Disposal Facility Information

Name:	Republic Services Vasco Road Landfill
Address:	4001 N. Vasco Road
	Livermore, CA 94550
Phone:	(925) 447-0491

IWM, INC. CERTIFIES THAT THE ABOVE LISTED NON-HAZARDOUS WASTE WILL BE TREATED AND DISPOSED AT THE DESIGNATED FACILITY IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

William T. DeLon *William T. DeLon* — 11/15/04

Authorized Representative (Print Name and Signature) — Date

IWM, Inc.

INTEGRATED WASTESTREAM MANAGEMENT, INC.
950 AMES AVENUE, MILPITAS, CA 95035
PHONE: 408.942.8955 FAX: 408.942.1499

CERTIFICATE OF DISPOSAL

Generator Name:	Pacific Coast Company	Facility Name:	Alcal Roofing
Address:	5550 Roseville Road	Address:	879 Wright Road
	North Highlands, CA		Santa Rosa, CA
Contact:	Normita Collison	Facility Contact:	Misty Kaltreider, Bay Consulting Services, LLC
Phone:	916-339-8128	Phone:	707-254-9886

IWM Job #:	94543-DW
Description of Waste:	1 Drum(s) of Non-Hazardous Water
Removal Date:	15 November 2004
Ticket #:	SP151104-MISC

Transporter Information

Name:	IWM, Inc.
Address:	950 Ames Avenue
	Milpitas, CA 95035
Phone:	(408) 942-8955

Disposal Facility Information

Name:	Seaport Refining & Environmental
Address:	675 Seaport Blvd
	Redwood City, CA 94063
Phone:	650-364-6158

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William T. DeLon William T. DeLon — 11/15/04

Authorized Representative (Print Name and Signature) — Date