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September 8, 2005
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Ms. Darcy Bering
Sonoma County Environmental Health Division
475 Aviation Boulevard, Suite 220
Santa Rosa, California 95403

Subject: Monitoring Report First Quarter 2005, Former Food and Liquor #50, 766 East Cotati Avenue, Cotati, California, File No. 00001522

Dear Ms. Bering:

This report presents the results of quarterly groundwater monitoring and sampling performed on February 17 and 18, 2005, by ATC Associates Inc. (ATC) on behalf of The Customer Company at the site located at 766 East Cotati Avenue, Cotati, California (Figure 1). Sampling was performed to monitor the distribution of petroleum hydrocarbons in groundwater at the site. Monitoring was performed to evaluate the groundwater flow direction and the hydraulic gradient in shallow groundwater.

SITE HISTORY

In February 1988, two 10,000-gallon capacity gasoline underground storage tanks (USTs) were excavated and removed from the site. In addition, approximately 1,300 cubic yards of soil was excavated and disposed of at an off-site landfill. Evidence of a petroleum hydrocarbon release was detected at this time.

In March 1988, J.H. Kleinfelder and Associates conducted an assessment and installed three groundwater monitoring wells MW1 through MW3 to depths of approximately 27, 32, and 30 feet below ground surface (bgs), respectively, in the vicinity of the former USTs

In March 1989, Dames & Moore (DM) conducted a Preliminary Site Characterization which included installing four groundwater monitoring wells (DM1 through DM4). Petroleum hydrocarbons were detected in the soil and groundwater samples collected and the results are contained in DM's *Preliminary Report Groundwater Contamination Study, Food & Liquor No. 50, 766 East Cotati Avenue, Cotati, California*, dated May 10, 1989.

In January 1991, DM installed two groundwater monitoring wells (DM5 and DM6) to a depth of approximately 45 feet bgs. In January 1993, DM installed two groundwater monitoring wells (DM7 and DM8) to depths of approximately 40 and 35 feet bgs, respectively.

In 2002, Gettler-Ryan Inc. attempted to locate well DM8 which was presumed to be paved over in 1994 during station remodeling and expansion. All attempts to locate DM8 were unsuccessful. It was concluded that well DM8 was lost and buried. A summary of the well search is contained in Gettler-Ryan's report titled, *Evaluation of Potential Risk, Lost Well DM-8, Food & Liquor Service Station #50, 766 East Cotati Avenue, Cotati, California*, dated April 23, 2003.

SAMPLING ACTIVITIES

On February 17 and 18, 2005, ATC personnel collected groundwater samples from monitoring wells MW1, MW2, MW3, DM1, DM2, DM3, DM4, DM5, DM6, DM7, and domestic well DW2. The locations of the wells are shown on Figure 2. Prior to collection of groundwater samples, the depth to water was measured in the wells and pH, electrical conductivity, and temperature were measured. Turbidity was visually observed in groundwater purged from the monitoring wells and recorded. Approximately three well casing volumes were purged from each monitoring well prior to sampling. The wells were allowed to recover and samples were collected from each well using disposable polyethylene bailers.

The groundwater samples collected from each well were submitted to State-certified Excelchem Environmental Laboratories (Environmental Laboratory Accreditation Program Cert. No. 2119) in Roseville, California for chemical analyses of total petroleum hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, and xylenes (BTEX), methyl tert butyl ether (MTBE), ethyl tertiary butyl ether (ETBE) di-isopropyl ether (DIPE), tertiary amyl ether (TAME), tertiary butyl ether (TBA), 1,2-dichloroethane (1,2-DCA), and 1,2-dibromoethane (EDB) utilizing EPA Method 8260B. Groundwater well purge and sample logs are included in Attachment 1.

GROUNDWATER FLOW DIRECTION

Water levels measured from MW1 through MW3 and DM1 through DM7 on February 17, 2005, ranged from 6.36 to 7.84 feet below the tops of the well casing, representing an average increase in the shallow water table elevation of approximately 3.95 feet since December 2004.

The groundwater levels are above the screened intervals in MW1, MW2, MW3, DM1, DM2, DM3, DM4, DM5, DM6, and DM7. The screened intervals of the wells are presented in column 1 of Table 1. The water level data were used to develop the groundwater elevation contour map (Figure 3). Shallow groundwater beneath the site apparently flows toward the north-northwest. The average hydraulic gradient on February 17, 2005 was calculated to be 0.007 ft/ft or approximately 37 ft/mile.

Depth to water in the off-site domestic well, DW2 was 10.29 feet below the top of well casing representing an increase of approximately 8.27 feet since December 2004. A summary of groundwater monitoring data is presented in Table 1.

ANALYTICAL RESULTS

Though the groundwater levels in monitoring wells MW1, MW2, MW3, DM1, DM2, DM3, DM4, DM5, DM6, and DM7 were above the screened intervals, analytical results for the dissolved phase hydrocarbon constituents is used as representative for each of the wells. TPHg was detected in the groundwater sample collected from MW1 at a concentration of 200 micrograms per liter (µg/L). BTEX constituents were not detected in any of the groundwater samples collected from wells MW1 through MW3, DM1 through DM7, and DW2.

MTBE was detected in the groundwater samples collected from MW1, DM3, and DM5, at concentrations of 9.8 µg/L, 5.3 µg/L, and 6.6 µg/L, respectively. ETBE, DIPE, TAME, 1,2-DCA, and EDB were not detected at or above the laboratory reported detection limits in any of the groundwater samples collected from MW1 through MW3, DM1 through DM7, or DW2.

Analytical results of groundwater samples are summarized in Table 2. Laboratory data sheets and chain-of-custody documentation are contained in Attachment 2. An isoconcentration map depicting the MTBE concentrations in samples collected from the on-site wells during the first quarter 2005 is shown on Figure 4.

GEOTRACKER DATA UPLOAD

The depth to water data was submitted electronically to the State Water Resources Control Board (SWRCB) Geotracker database (confirmation number 7218464493) and the laboratory data were also submitted electronically to the SWRCB Geotracker database (confirmation number 5492114305). The facility has been assigned a Geotracker global identification number T0609700126. Documentation of the data submittal is contained in Attachment 3.

CONCLUSIONS

The laboratory analytical results of the groundwater samples collected on February 17 and 18, 2005, are generally consistent with recent historical results. Concentrations of MTBE increased slightly in the samples collected from MW1 and DM5 and decreased to nondetectable levels in the sample collected from DM7 since the previous monitoring event. With the exception of the November 2003 sampling event, chemicals of concern have not been detected in samples collected from MW2, DM1, and DM2 since May 2002. Chemicals of concern have not been detected in any of the samples collected from wells DM4 and DM6 since March 2002, and DW2 since September 2002. The direction of groundwater flow beneath the site flowed toward the north. The average groundwater elevation at the site increased approximately 3.95 feet since December 2004.

The groundwater levels in monitoring wells MW1, MW2, MW3, DM1, DM2, DM3, DM4, DM5, DM6, and DM7 were above the screened intervals during the February 2005 groundwater monitoring event. Although the screened intervals are below the water table, ATC believes the analytical results for the dissolved phase hydrocarbon constituents are representative for each of the wells.

RECOMMENDATIONS

Based on the results of the first quarter 2005 monitoring event and historical information, we recommend the following:

- Continue quarterly groundwater monitoring and sampling of MW1, MW3, DM3, and DM5 and semi-annual groundwater sampling of wells MW2, DM1, DM2, DM4, DM6, DM7, and domestic well DW2. If concentrations are consistent or decrease during the second quarter 2005 monitoring event, ATC recommends no further action at the site.
- Submit a letter report with a trend analysis for wells currently impacted with TPHg and MTBE above the stated action levels.

Please contact our office at (209) 579-2221 if you have any questions or comments.

Respectfully submitted,
ATC Associates Inc.

Nathan Christman

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REGISTERED GEOLOGIST
LORRAINE MICHELE SAWYER
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STATE OF CALIFORNIA

cc: Mr. John Johnson, The Customer Company
Mr. Luis Rivera, NCRWQCB
Mr. Geno Macedo, Geno's General Store

TABLE 1
SUMMARY OF GROUNDWATER MONITORING DATA
Former Food and Liquor #50
766 East Cotati Avenue, Cotati, California

Well ID (screen interval)	Date Measured	(Reported in feet) TOC Elevation	Depth to Water	Groundwater Elevation	Groundwater Flow Direction	Groundwater Magnitude (ft/ft)
MW1	04/21/88	NM	NM	NM	--	--
(10-25)	04/27/88	109.54	19.84	89.70	--	--
	06/14/89	109.54	19.86	89.68	--	--
	07/28/89	109.54	21.02	88.52	--	--
	08/29/89	109.54	20.15	89.39	--	--
	10/04/89	109.54	20.97	88.57	--	--
	11/21/89	109.54	21.45	88.09	--	--
	12/28/89	109.54	DRY	NM	--	--
	02/07/90	109.54	DRY	NM	--	--
	03/19/90	109.54	22.10	87.44	--	--
	04/20/90	109.54	DRY	NM	--	--
	06/05/00	109.54	--- INACCESSIBLE - COULD NOT OPEN WELL ---			
	11/01/00	109.54	--- INACCESSIBLE - COULD NOT OPEN WELL ---			
	03/14/02	111.82	7.64	104.18	--	--
	05/30/02	111.82	10.38	101.44	--	--
	08/15/02	111.82	12.69	99.13	--	--
	11/21/02	111.82	16.38	95.44	--	--
	02/28/03	111.82	8.93	102.89	--	--
	05/30/03	111.82	9.78	102.04	--	--
	08/29/03	111.82	12.65	99.17	--	--
	11/24/03	111.82	14.85	96.97	--	--
	02/17/04	111.82	6.00	105.82	varies	--
	05/20/04	111.82	8.70	103.12	west-southwest	0.01
	08/26/04	110.20	11.00	99.20	south	0.021
	12/02/04	110.20	10.48	99.72	south	0.015
	02/17/05	110.20	6.71	103.49	north-northwest	0.007
MW2	04/21/88	NM	NM	NM	--	--
(13-30)	04/27/88	109.30	19.50	89.80	--	--
	06/14/89	109.30	17.93	91.37	--	--
	07/28/89	109.30	19.53	89.77	--	--
	08/29/89	109.30	19.56	89.74	--	--
	10/04/89	109.30	22.40	86.90	--	--
	11/21/89	109.30	DRY	NM	--	--
	12/28/89	109.30	DRY	NM	--	--
	02/07/90	109.30	21.91	87.39	--	--
	03/19/90	109.30	21.68	87.62	--	--
	04/20/90	109.30	22.20	87.10	--	--
	06/05/00	109.30	--- INACCESSIBLE - COULD NOT OPEN WELL ---			
	11/01/00	109.30	--- INACCESSIBLE - COULD NOT OPEN WELL ---			
	03/14/02	111.50	7.71	103.79	--	--
	05/30/02	111.50	9.20	102.30	--	--
	08/15/02	111.50	10.86	100.64	--	--
	11/21/02	111.50	14.29	97.21	--	--
	02/28/03	111.50	8.24	103.26	--	--

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MW2	05/30/03	111.50	8.86	102.64	--	--
(13-30)	08/29/03	111.50	10.74	100.76	--	--
	11/24/03	111.50	12.76	98.74	--	--
	02/17/04	111.50	5.95	105.55	varies	--
	05/20/04	111.50	9.12	102.38	west-southwest	0.01
	08/26/04	109.72	10.05	99.67	south	0.021
	12/02/04	109.72	9.72	100.00	south	0.015
	02/17/05	109.72	6.60	103.12	north-northwest	0.007
MW3	04/21/88	NM	NM	NM	--	--
(15-28)	04/27/88	109.91	20.41	89.50	--	--
	06/14/89	109.91	20.35	89.56	--	--
	07/28/89	109.91	23.00	86.91	--	--
	08/29/89	109.91	23.28	86.63	--	--
	10/04/89	109.91	25.44	84.47	--	--
	11/21/89	109.91	26.79	83.12	--	--
	12/28/89	109.91	DRY	NM	--	--
	02/07/90	109.91	24.62	85.29	--	--
	03/19/90	109.91	23.28	86.63	--	--
	04/20/90	109.91	NM	NM	--	--
	10/16/99	109.91	15.16	94.75	--	--
	01/28/00	109.91	28.31	81.60	--	--
	06/05/00	109.91	14.76	95.15	--	--
	11/01/00	109.91	16.30	93.61	--	--
	03/14/02	112.20	— INACCESSIBLE - COULD NOT OPEN WELL —			
	05/30/02	112.20	10.18	102.02	--	--
	08/15/02	112.20	12.43	99.77	--	--
	11/21/02	112.20	16.08	96.12	--	--
	02/28/03	112.20	8.75	103.45	--	--
	05/30/03	112.20	9.58	102.62	--	--
	08/29/03	112.20	12.31	99.89	--	--
	11/24/03	112.20	14.58	97.62	--	--
	02/14/04	112.20	6.18	106.02	varies	--
	05/20/04	112.20	8.56	103.64	west-southwest	0.01
	08/26/04	111.35	11.82	99.53	south	0.021
	12/02/04	111.35	11.32	100.03	south	0.015
	02/17/05	111.35	7.61	103.74	north-northwest	0.007
DM1	04/19/89[1]	109.57	16.83	92.74	--	--
(15-40)	06/14/89	109.57	18.58	90.99	--	--
	07/28/89	109.57	19.92	89.65	--	--
	08/29/89	109.57	19.05	90.52	--	--
	10/04/89	109.57	22.74	86.83	--	--
	11/21/89	109.57	24.99	84.58	--	--
	12/28/89	109.57	26.53	83.04	--	--
	02/07/90	109.57	22.31	87.26	--	--
	03/19/90	109.57	21.15	88.42	--	--
	04/20/90	109.57	22.71	86.86	--	--
	12/02/90	109.57	28.56	81.01	--	--

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DM1	01/28/91	109.53	30.28	79.25	--	--
(15-40)	02/11/91	109.53	29.61	79.92	--	--
	03/25/91	109.53	17.83	91.70	--	--
	05/02/91	109.53	19.66	89.87	--	--
	06/04/91	109.53	21.63	87.90	--	--
	07/16/91	109.53	21.23	88.30	--	--
	07/29/91	109.53	21.61	87.92	--	--
	11/11/92	109.53	24.66	84.87	--	--
	01/27/93	109.53	8.38	101.15	--	--
	10/16/99	109.53	13.51	96.02	--	--
	01/28/00	109.53	24.83	84.70	--	--
	06/05/00	109.53	13.11	96.42	--	--
	11/01/00	109.53	14.60	94.93	--	--
	03/14/02	112.33	7.77	104.56	--	--
	05/30/02	112.33	10.08	102.25	--	--
	08/15/02	112.33	11.92	100.41	--	--
	11/21/02	112.33	15.42	96.91	--	--
	02/28/03	112.33	8.95	103.38	--	--
	05/30/03	112.33	9.65	102.68	--	--
	08/29/03	112.33	11.81	100.52	--	--
	11/24/03	112.33	13.98	98.35	--	--
	02/17/04	112.33	6.50	105.83	varies	--
	05/20/04	112.33	8.82	103.51	west-southwest	0.01
	08/26/04	110.60	10.89	99.71	south	0.021
	12/02/04	110.60	10.47	100.13	south	0.015
	02/17/05	110.60	7.21	103.39	north-northwest	0.007
DM2	04/19/89[1]	110.55	19.10	91.45	--	--
(15-40)	06/14/89	110.55	20.99	89.56	--	--
	07/28/89	110.55	23.11	87.44	--	--
	08/29/89	110.55	23.46	87.09	--	--
	10/04/89	110.55	25.55	85.00	--	--
	11/21/89	110.55	27.61	82.94	--	--
	12/28/89	110.55	29.25	81.30	--	--
	02/07/90	110.55	25.37	85.18	--	--
	03/19/90	110.55	23.66	86.89	--	--
	04/20/90	110.55	25.25	85.30	--	--
	12/02/90	110.55	31.61	78.94	--	--
	01/28/91	110.50	33.57	76.93	--	--
	02/11/91	110.50	33.27	77.23	--	--
	03/25/91	110.50	22.64	87.86	--	--
	05/02/91	110.50	22.26	88.24	--	--
	06/04/91	110.50	24.29	86.21	--	--
	07/16/91	110.50	24.77	85.73	--	--
	07/29/92	110.50	24.12	86.38	--	--
	11/11/92	110.50	27.20	83.30	--	--
	01/27/93	110.50	9.99	100.51	--	--

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DM2	06/05/00	110.50	--UNABLE TO LOCATE -		--	--
(15-40)	11/01/00	110.50	--UNABLE TO LOCATE -		--	--
	03/14/02	113.25	8.61	104.64	--	--
	05/30/02	113.25	11.28	101.97	--	--
	08/15/02	113.25	13.54	99.71	--	--
	11/21/02	113.25	17.19	96.06	--	--
	02/28/03	113.25	9.81	103.44	--	--
	05/30/03	113.25	10.65	102.60	--	--
	08/29/03	113.25	13.38	99.87	--	--
	11/24/03	113.25	15.67	97.58	--	--
	02/17/04	113.25	7.21	106.04	varies	--
	05/20/04	113.25	9.60	103.65	west-southwest	0.01
	08/26/04	111.54	12.09	99.45	south	0.021
	12/02/04	111.54	11.54	100.00	south	0.015
	02/17/05	111.54	7.84	103.70	north-northwest	0.007
DM3	04/19/89[1]	109.45	19.25	90.20	--	--
(15-40)	06/14/89	109.45	20.66	88.79	--	--
	07/28/89	109.45	23.08	86.37	--	--
	08/29/89	109.45	22.70	86.75	--	--
	10/04/89	109.45	24.75	84.70	--	--
	11/21/89	109.45	27.06	82.39	--	--
	12/28/89	109.45	29.05	80.40	--	--
	02/07/90	109.45	25.76	83.69	--	--
	03/19/90	109.45	24.13	85.32	--	--
	04/20/90	109.45	25.31	84.14	--	--
	12/02/90	109.45	31.46	77.99	--	--
	01/28/91	109.41	33.17	76.24	--	--
	02/11/91	109.41	33.46	75.95	--	--
	03/25/91	109.41	22.37	87.04	--	--
	05/02/91	109.41	22.88	86.53	--	--
	06/04/91	109.41	24.00	85.41	--	--
	07/16/91	109.41	23.39	86.02	--	--
	07/29/92	109.41	23.82	85.59	--	--
	11/11/92	109.41	27.12	82.29	--	--
	01/27/93	109.41	10.10	99.31	--	--
	10/16/99	109.41	15.32	94.09	--	--
	01/28/00	109.41	25.81	83.60	--	--
	06/05/00	109.41	15.01	94.40	--	--
	11/01/00	109.41	16.74	92.67	--	--
	03/14/02	112.33	8.24	104.09	--	--
	05/30/02	112.33	11.20	101.13	--	--
	08/15/02	112.33	13.91	98.42	--	--
	11/21/02	112.33	17.62	94.71	--	--
	02/28/03	112.33	9.54	102.79	--	--
	05/30/03	112.33	10.61	101.72	--	--
	08/29/03	112.33	13.86	98.47	--	--

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DM3	11/24/03	112.33	15.16	97.17	--	--
(15-40)	02/17/04	112.33	6.40	105.93	varies	--
	05/20/04	112.33	9.14	103.19	west-southwest	0.01
	08/26/04	110.59	11.84	98.75	south	0.021
	12/02/04	110.59	11.27	99.32	south	0.015
	02/17/05	110.59	7.41	103.18	north-northwest	0.007
DM4	04/19/89[1]	110.10	20.03	90.07	--	--
(15-40)	06/14/89	110.10	21.96	88.14	--	--
	07/28/89	110.10	24.38	85.72	--	--
	08/29/89	110.10	24.78	85.32	--	--
	10/04/89	110.10	25.92	84.18	--	--
	11/21/89	110.10	27.99	82.11	--	--
	12/28/89	110.10	29.63	80.47	--	--
	02/07/90	110.10	26.64	83.46	--	--
	03/19/90	110.10	25.25	84.85	--	--
	04/20/90	110.10	26.09	84.01	--	--
	12/02/90	110.10	32.71	77.39	--	--
	01/28/91	110.05	34.79	75.26	--	--
	02/11/91	110.05	35.13	74.92	--	--
	03/25/91	110.05	25.37	84.68	--	--
	05/02/91	110.05	23.73	86.32	--	--
	06/04/91	110.05	25.07	84.98	--	--
	07/16/91	110.05	25.28	84.77	--	--
	07/29/92	110.05	24.97	85.08	--	--
	11/11/92	110.05	27.41	82.64	--	--
	01/27/93	110.05	11.25	98.80	--	--
	10/16/99	110.05	16.51	93.54	--	--
	01/28/00	110.05	22.43	87.62	--	--
	06/05/00	110.05	16.13	93.92	--	--
	11/01/00	110.05	18.06	91.99	--	--
	03/14/02	112.92	8.71	104.21	--	--
	05/30/02	112.92	12.05	100.87	--	--
	08/15/02	112.92	15.18	97.74	--	--
	11/21/02	112.92	19.11	93.81	--	--
	02/28/03	112.92	10.06	102.86	--	--
	05/30/03	112.92	11.35	101.57	--	--
	08/29/03	112.92	15.06	97.86	--	--
	11/24/03	112.92	17.59	95.33	--	--
	02/17/04	112.92	6.95	105.97	varies	--
	05/20/04	112.92	9.56	103.36	west-southwest	0.01
	08/26/04	111.16	12.65	98.51	south	0.021
	12/02/04	111.16	11.98	99.18	south	0.015
	02/17/05	111.16	7.50	103.66	north-northwest	0.007
DM5	02/11/91[2]	110.29	34.37	75.92	--	--
(20-45)	03/25/91	110.29	24.33	85.96	--	--
	05/02/91	110.29	23.77	86.52	--	--
	06/04/91	110.29	25.27	85.02	--	--
	07/16/91	110.29	25.58	84.71	--	--

TABLE 1
SUMMARY OF GROUNDWATER MONITORING DATA
Former Food and Liquor #50
766 East Cotati Avenue, Cotati, California

Well ID (screen interval)	Date Measured	(Reported in feet) TOC Elevation	Depth to Water	Groundwater Elevation	Groundwater Flow Direction	Groundwater Magnitude (ft/ft)
DM5	07/29/92[2]	110.29	25.05	85.24	--	--
(20-45)	11/11/92[2]	110.29	27.45	82.84	--	--
	01/27/93[2]	110.29	10.86	99.43	--	--
	10/16/99	110.29	15.69	94.60	--	--
	01/28/00	110.29	30.42	79.87	--	--
	06/05/00	110.29	15.58	94.71	--	--
	11/01/00	110.29	17.08	93.21	--	--
	03/14/02	112.76	8.54	104.22	--	--
	05/30/02	112.76	11.53	101.23	--	--
	08/15/02	112.76	14.23	98.53	--	--
	11/21/02	112.76	17.91	94.85	--	--
	02/28/03	112.76	9.78	102.98	--	--
	05/30/03	112.76	10.79	101.97	--	--
	08/29/03	112.76	14.19	98.57	--	--
	11/24/03	112.76	16.41	96.35	--	--
	02/17/04	112.76	6.90	105.86	varies	--
	05/20/04	112.76	9.41	103.35	west-southwest	0.01
	08/26/04	111.04	12.15	98.89	south	0.021
	12/02/04	111.04	11.54	99.50	south	0.015
	02/17/05	111.04	7.39	103.65	north-northwest	0.007
DM6	02/11/91[1]	109.36	33.45	75.91	--	--
(20-45)	03/25/91	109.36	24.32	85.04	--	--
	05/02/91	109.36	23.88	85.48	--	--
	06/04/91	109.36	24.97	84.39	--	--
	07/16/91	109.36	25.80	83.56	--	--
	07/29/92	109.36	25.20	84.16	--	--
	11/11/92	109.36	27.30	82.06	--	--
	01/27/93	109.36	10.90	98.46	--	--
	10/16/99	109.36	16.12	93.24	--	--
	01/28/00	109.36	31.13	78.23	--	--
	06/05/00	109.36	15.72	93.64	--	--
	11/01/00	109.36	18.00	91.36	--	--
	03/14/02	111.82	8.13	103.69	--	--
	05/30/02	111.82	11.68	100.14	--	--
	08/15/02	111.82	15.01	96.81	--	--
	11/21/02	111.82	19.12	92.70	--	--
	02/28/03	111.82	9.97	101.85	--	--
	05/30/03	111.82	10.43	101.39	--	--
	08/29/03	111.82	14.88	96.94	--	--
	11/24/03	111.82	17.60	94.22	--	--
	02/17/04	111.82	6.25	105.57	varies	--
	05/20/04	111.82	8.76	103.06	west-southwest	0.01
	08/26/04	110.10	12.08	98.02	south	0.021
	12/02/04	110.10	11.36	98.74	south	0.015
	02/17/05	110.10	6.36	103.74	north-northwest	0.007
DM7	01/27/93	109.71	11.07	98.64	--	--
(10-33)	10/16/99	109.71	15.79	93.92	--	--
	01/28/00	109.71	21.93	87.78	--	--

TABLE 1
SUMMARY OF GROUNDWATER MONITORING DATA
Former Food and Liquor #50
766 East Cotati Avenue, Cotati, California

Well ID (screen interval)	Date Measured	(Reported in feet) TOC Elevation	Depth to Water	Groundwater Elevation	Groundwater Flow Direction	Groundwater Magnitude (ft/ft)
DM7	06/05/00	109.71	15.25	94.46	--	--
(10-33)	11/01/00	109.71	17.32	92.39	--	--
	03/14/02	112.03	8.17	103.86	--	--
	05/30/02	112.03	11.44	100.59	--	--
	08/15/02	112.03	14.35	97.68	--	--
	11/21/02	112.03	18.22	93.81	--	--
	02/28/03	112.03	8.92	103.11	--	--
	05/30/03	112.03	9.51	102.52	--	--
	08/29/03	112.03	14.17	97.86	--	--
	11/24/03	112.03	16.70	95.33	--	--
	02/17/04	112.03	5.35	106.68	varies	--
	05/20/04	112.03	9.00	103.03	west-southwest	0.01
	08/26/04	110.30	11.91	98.39	south	0.021
	12/02/04	110.30	11.24	99.06	south	0.015
	02/17/05	110.30	6.76	103.54	north-northwest	0.007
DM8	01/27/93	108.74	7.63	101.11	--	--
(10-33)	06/05/00	108.74	- UNABLE TO LOCATE -		--	--
	11/01/00	108.74	- UNABLE TO LOCATE -		--	--
RPMUNI4	03/14/02	112.05	NM	NM	--	--
(NA)	05/30/02	112.05	NM	NM	--	--
	08/15/02	112.05	NM	NM	--	--
	11/21/02	112.05	NM	NM	--	--
	02/28/03	112.05	--SAMPLED ANNUALLY--		--	--
	05/30/03	112.05	NM	NM	--	--
	08/29/03	112.05	--SAMPLED ANNUALLY--		--	--
	11/24/03	112.05	NM	NM	--	--
	02/17/05	112.05	NM	NM		

TABLE 1
SUMMARY OF GROUNDWATER MONITORING DATA
Former Food and Liquor #50
766 East Cotati Avenue, Cotati, California

Well ID (screen interval)	Date Measured	(Reported in feet) TOC Elevation	Depth to Water	Groundwater Elevation	Groundwater Flow Direction	Groundwater Magnitude (ft/ft)
DW2	09/26/02	NM	NM	NM	--	--
Domestic	11/21/02	NM	37.41	NM	--	--
Well	02/28/03	NM	23.78	NM	--	--
(NA)	05/30/03	NM	25.06	NM	--	--
	08/29/03	NM	29.46	NM	--	--
	11/24/03	NM	33.93	NM	--	--
	02/17/04	NM	15.20	NM	--	--
	05/20/04	NM	14.86	NM	--	--
	08/26/04	NM	22.56	NM	--	--
	12/02/04	NM	18.56	NM	--	--
	02/17/05	NM	10.29	NM	--	--

Notes:

TOC denotes Top of Casing

NM denotes that this parameter was not monitored or depth to water was not measured

-- Not applicable

Data prior to March 14, 2002 was provided by The Customer Company

* TOC elevations were resurveyed on April 25, 3003 by Horizon Land Surveys. TOC elevatons are referenced to National Geodetic Survey benchmark #RV 185 NWPRR (Benchmark Elevation = 108.30 feet, NGVD 88). TOC elevations have been surveyed in feet relative to mean sea level (msl).

[1] Well Installation

[2] Nitrates in Groundwater (DM5) were measured on 01/31/91 as 20ppm; 09/03/91 as 11ppm; 07/29/92 as 4.1 ppm; 11/11/92 as 0.74 ppm and 01/27/93 as 3.1 ppm.

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Former Food and Liquor #50, 766 East Cotati Avenue, Cotati, California

Sample ID	Date	(Reported in ug/l)											
		TPHg	Benzene	Toluene	Ethyl Benzene	Xylenes	MTBE	TBA	DIPE	ETBE	TAME	1,2-DCA	EDB
MW1	04/21/88	120	16,000	15,000	4,100	19,000	NA	NA	NA	NA	NA	NA	NA
	04/27/88	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	06/14/89	35,000	2,000	3,700	NA	11,200	NA	NA	NA	NA	NA	NA	NA
	07/28/89	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/29/89	220	100	15.6	NA	40.1	NA	NA	NA	NA	NA	NA	NA
	10/04/89	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/21/89	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/28/89	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/07/90	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	03/19/90	270	2.7	7.2	NA	37.2	NA	NA	NA	NA	NA	NA	NA
	04/20/90	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	06/05/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/01/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	03/14/02	<50	<0.50	<0.50	<0.50	<0.50	1.3	<5.0	<.50	<.50	<.50	<.50	<.50
	05/30/02	<50	<0.50	<0.50	<0.50	<0.50	8.7	<5.0	<.50	<.50	<.50	<.50	<.50
	08/15/02	550	<0.50	<0.50	<0.50	<0.50	19	<5.0	<.50	<.50	<.50	<.50	<.50
	11/21/02[5]	310	<0.50	<0.50	<0.50	<0.50	11	<5.0	<.50	<.50	<.50	<.50	<.50
	02/28/03	<50	<0.50	<0.50	<0.50	<0.50	0.85	NA	NA	NA	NA	NA	NA
	05/30/03	<50	<0.50	<0.50	<0.50	<0.50	5.6	NA	NA	NA	NA	NA	NA
	08/29/03	330	<0.50	<0.50	<0.50	<0.50	11	NA	NA	NA	NA	NA	NA
	11/24/03	210	<0.5	<0.5	<0.5	<0.5	100	NA	NA	NA	NA	NA	NA
	02/17/04	280	2.9	<0.5	1.8	2.5	7.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	05/20/04	61	<0.5	<0.5	<0.5	<1.0	5.9	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	08/26/04	170	<0.5	<0.5	<0.5	<1.0	6.0	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	12/03/04	180	<0.5	<0.5	<0.5	<1.0	5.6	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	02/18/05	200	<0.5	<0.5	<0.5	<1.0	9.8	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
MW2	04/21/88	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	04/27/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/14/89	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
	07/28/89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/29/89	ND	4.4	0.76	NA	1.53	NA	NA	NA	NA	NA	NA	NA
	10/04/89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/21/89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/28/89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/07/90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/19/90	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
	04/20/90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/05/00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/01/00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/14/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50
	05/30/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50
	08/15/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50
	11/21/02[5]	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50
	02/28/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	05/30/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Former Food and Liquor #50, 766 East Cotati Avenue, Cotati, California

Sample ID	Date	(Reported in ug/l)											
		TPHg	Benzene	Toluene	Ethyl Benzene	Xylenes	MTBE	TBA	DIPE	ETBE	TAME	1,2-DCA	EDB
MW2	08/29/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	11/24/03	51	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	02/17/04	<50	<0.50	<0.50	<0.50	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	05/20/04	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	08/27/04	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	12/02/04	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	02/17/05	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
MW3	04/21/88	ND	ND	ND	ND	2.2	NA	NA	NA	NA	NA	NA	NA
	04/27/88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/14/89	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
	07/28/89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/29/89	8,500	1,127	3,590	NA	1,770	NA	NA	NA	NA	NA	NA	NA
	10/04/89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/21/89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/28/89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/07/90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/19/90	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
	04/20/90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/16/99	100	<0.5	3.5	<0.5	<0.5	230	16	<3.0	<3.0	<3.0	NA	NA
	01/28/00[2]	<50	<0.5	<0.5	<0.5	<0.5	1.2	<5	<1.0	<1.0	<1.0	NA	NA
	06/05/00	<50	<0.5	<0.5	<0.5	<0.5	<1.0	<5.0	<1.0	<1.0	<1.0	NA	NA
	11/01/00	<50	<0.5	<0.5	<0.5	<0.5	1.1	<5.0	<1.0	<1.0	<1.0	NA	NA
	03/14/02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/30/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<.50	<.50	<.50	<.50	<.50
	08/15/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<.50	<.50	<.50	<.50	<.50
	11/21/02[5]	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<.50	<.50	<.50	<.50	<.50
	02/28/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	05/30/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	08/29/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	11/24/03	57	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	02/17/04	<50	<0.50	<0.50	<0.50	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	05/20/04	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	08/26/04	21,000	<0.5	<0.5	<0.5	<1.0	<0.5	46	<0.5	<0.5	<0.5	<0.5	<0.5
	12/02/04	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	02/17/05	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
DM1	04/19/89[1]	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
	06/14/89	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
	07/28/89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/29/89	ND	1.6	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
	10/04/89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/21/89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/28/89	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
	02/07/90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/19/90	ND	0.78	1.20	NA	ND	NA	NA	NA	NA	NA	NA	NA
	04/20/90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Former Food and Liquor #50, 766 East Cotati Avenue, Cotati, California

Sample ID	Date	(Reported in ug/l)											
		TPHg	Benzene	Toluene	Ethyl Benzene	Xylenes	MTBE	TBA	DIPE	ETBE	TAME	1,2-DCA	EDB
DM1	12/02/90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/28/91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/11/91	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	03/25/91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/02/91	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	06/04/91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/16/91	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	07/29/91	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	11/11/92	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	01/27/93	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	10/16/99	ND	ND	ND	ND	ND	<1.0	<5.0	<1.0	<1.0	<1.0	NA	NA
	01/28/00[2]	ND	ND	ND	ND	ND	<1.0	<5.0	<1.0	<1.0	<1.0	NA	NA
	06/05/00	<50	<0.5	<0.5	<0.5	<0.5	<1.0	<5.0	<1.0	<1.0	<1.0	NA	NA
	11/01/00	<50	<0.5	<0.5	<0.5	<0.5	<1.0	<5.0	<1.0	<1.0	<1.0	NA	NA
	03/14/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<.50	<.50	<.50	<.50	<.50
	05/30/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<.50	<.50	<.50	<.50	<.50
	08/15/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<.50	<.50	<.50	<.50	<.50
	11/21/02[5]	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<.50	<.50	<.50	<.50	<.50
	02/28/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	05/30/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	08/28/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	11/24/03	58	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	02/17/04	<50	<0.50	<0.50	<0.50	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	05/20/04	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	08/26/04	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	12/02/04	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	02/17/05	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
DM2	04/19/89[1]	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
	06/14/89	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
	07/28/89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/29/89	1,200	320	34	NA	245	NA	NA	NA	NA	NA	NA	NA
	10/04/89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/21/89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/28/89	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
	02/07/90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/19/90	ND	1.4	1.2	NA	ND	NA	NA	NA	NA	NA	NA	NA
	04/20/90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/02/90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/28/91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/11/91	15	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	03/25/91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/02/91	160	43	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	06/04/91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/16/91	8,100	850	110	150	56	NA	NA	NA	NA	NA	NA	NA
	07/29/92	410	36	ND	ND	28	NA	NA	NA	NA	NA	NA	NA
	11/11/92	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Former Food and Liquor #50, 766 East Cotati Avenue, Cotati, California

Sample ID	Date	(Reported in ug/l)											
		TPHg	Benzene	Toluene	Ethyl Benzene	Xylenes	MTBE	TBA	DIPE	ETBE	TAME	1,2-DCA	EDB
DM2	01/27/93	17	0.56	ND	0.57	1.1	NA	NA	NA	NA	NA	NA	NA
	06/05/00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/01/00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/14/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<.50	<.50	<.50	<.50	<.50
	05/30/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<.50	<.50	<.50	<.50	<.50
	08/15/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<.50	<.50	<.50	<.50	<.50
	11/21/02[5]	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<.50	<.50	<.50	<.50	<.50
	02/28/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	05/30/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	08/29/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	11/24/03	51	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	02/17/04	<50	<0.50	<0.50	<0.50	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	05/20/04	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	08/26/04	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	12/02/04	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	02/17/05	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
DM3	04/19/89[1]	7,500	2,570	420	168	2,220	NA	NA	NA	NA	NA	NA	NA
	06/14/89	4,200	190	190	NA	580	NA	NA	NA	NA	NA	NA	NA
	07/28/89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/29/89	2,100	440.0	490	NA	630	NA	NA	NA	NA	NA	NA	NA
	10/04/89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/21/89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/28/89	1,700	40	ND	NA	20	NA	NA	NA	NA	NA	NA	NA
	02/07/90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/19/90	ND	8.9	1.5	NA	ND	NA	NA	NA	NA	NA	NA	NA
	04/20/90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/02/90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/28/91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/11/91	74	0.65	0.37	ND	ND	NA	NA	NA	NA	NA	NA	NA
	03/25/91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/02/91	19,000	96	560	480	1,600	NA	NA	NA	NA	NA	NA	NA
	06/04/91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/16/91	33,000	560	240	1,000	3,300	NA	NA	NA	NA	NA	NA	NA
	07/29/92	11,000	420	110	580	1,500	NA	NA	NA	NA	NA	NA	NA
	11/11/92	180	6.1	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	01/27/93	1,400	17	2.3	44	79	NA	NA	NA	NA	NA	NA	NA
	10/16/99	ND	ND	ND	ND	ND	1.6	<5.0	<1.0	<1.0	<1.0	NA	NA
	01/28/00[3]	230	<0.5	4.7	<0.5	<0.5	140	<5.0	<1.0	<1.0	<1.0	NA	NA
	06/05/00	<50	<0.5	<0.5	<0.5	<0.5	<5	<5.0	<1.0	<1.0	<1.0	NA	NA
	11/01/00	180	<0.5	4.1	<0.5	0.51	NA	<5.0	<1.0	<1.0	<1.0	NA	NA
	03/14/02	240	<0.50	<0.50	<0.50	<0.50	26	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50
	05/30/02	210	<0.50	<0.50	<0.50	<0.50	17	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50
	08/15/02	370	<0.50	<0.50	<0.50	<0.50	22	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Former Food and Liquor #50, 766 East Cotati Avenue, Cotati, California

Sample ID	Date	(Reported in ug/l)											
		TPHg	Benzene	Toluene	Ethyl Benzene	Xylenes	MTBE	TBA	DIPE	ETBE	TAME	1,2-DCA	EDB
DM3	11/21/02[5]	110	<0.50	<0.50	<0.50	<0.50	3.6	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50
	02/28/03	<50	<0.50	<0.50	<0.50	<0.50	1.4	NA	NA	NA	NA	NA	NA
	05/30/03	170	<0.50	<0.50	<0.50	<0.50	16	NA	NA	NA	NA	NA	NA
	08/29/03	210	<0.50	<0.50	<0.50	<0.50	12	NA	NA	NA	NA	NA	NA
	11/24/03	170	<0.50	<0.50	<0.50	<0.50	61	NA	NA	NA	NA	NA	NA
	02/17/04	170	1.5	0.5	1.2	2.0	13	9.0	<0.5	<0.5	<0.5	<0.5	<0.5
	05/20/04	<50	<0.5	<0.5	<0.5	<1.0	14	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	08/27/04	<50	<0.5	<0.5	<0.5	<1.0	7.3	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	12/03/04	100	<0.5	<0.5	<0.5	<1.0	7.6	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	02/18/05	<50	<0.5	<0.5	<0.5	<1.0	5.3	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
DM4	04/19/89[1]	1,050	163	80	150	417	NA	NA	NA	NA	NA	NA	NA
	06/14/89	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
	07/28/89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/29/89	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
	10/04/89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/21/89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/28/89	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
	02/07/90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/19/90	ND	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA
	04/20/90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/02/90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/28/91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/11/91	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	03/25/91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/02/91	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	06/04/91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/16/91	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	07/29/91	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	11/11/92	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	01/27/93	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	10/16/99	ND	ND	ND	ND	ND	<1.0	<5.0	<1.0	<1.0	<1.0	NA	NA
	01/28/00[2]	ND	ND	ND	ND	ND	<1.0	<5.0	<1.0	<1.0	<1.0	NA	NA
	06/05/00	<50	<0.5	<0.5	<0.5	<0.5	<1.0	<5.0	<1.0	<1.0	<1.0	NA	NA
	11/01/00	<50	<0.5	<0.5	<0.5	<0.5	1.4	<5.0	<1.0	<1.0	<1.0	NA	NA
	03/14/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50
	05/30/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50
	08/15/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50
	11/21/02[5]	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50
	02/28/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	05/30/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	08/29/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	11/24/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Former Food and Liquor #50, 766 East Cotati Avenue, Cotati, California

Sample ID	Date	(Reported in ug/l)											
		TPHg	Benzene	Toluene	Ethyl Benzene	Xylenes	MTBE	TBA	DIPE	ETBE	TAME	1,2-DCA	EDB
DM4	02/17/04	<50	<0.50	<0.50	<0.50	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	05/20/04	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	08/27/04	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	12/03/04	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	02/18/05	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
DM5	02/11/91[4]	21	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	03/25/91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/02/91	910	96	0.53	8.2	67	NA	NA	NA	NA	NA	NA	NA
	06/04/91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/16/91	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	07/29/92[4]	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	11/11/92[4]	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	01/27/93[4]	530	42	8.1	15	57	NA	NA	NA	NA	NA	NA	NA
	10/16/99	650	ND	0.6	ND	ND	180	<25	<5.0	<5.0	<5.0	NA	NA
	01/28/00[2]	<50	<0.5	<0.5	<0.5	<0.5	<1.0	<5	<1.0	<1.0	<1.0	NA	NA
	06/05/00	<50	<0.5	<0.5	<0.5	<0.5	<1.0	<5.0	<1.0	<1.0	<1.0	NA	NA
	11/01/00	<50	<0.5	<0.5	<0.5	<0.5	20	<5.0	<1.0	<1.0	<1.0	NA	NA
	03/14/02[6]	<50	<.50	<.50	<.50	<.50	6.9	<5.0	<.50	<.50	<.50	<.50	<.50
	05/30/02	<50	<0.50	<0.50	<0.50	<0.50	6.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	08/15/02	<50	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	11/21/02[5]	<50	<0.50	<0.50	<0.50	<0.50	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	02/28/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	05/30/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	08/29/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	11/24/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	02/17/04	<50	<0.50	<0.50	<0.50	<1.0	8.1	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	05/20/04	<50	<0.5	<0.5	<0.5	<1.0	9.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	08/27/04	<50	<0.5	<0.5	<0.5	<1.0	6.1	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	12/03/04	<50	<0.5	<0.5	<0.5	<1.0	5.0	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	02/18/05	<50	<0.5	<0.5	<0.5	<1.0	6.6	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
DM6	02/11/91[1]	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	03/25/91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/02/91	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	06/04/91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/16/91	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	07/29/92	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	11/11/92	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	01/27/93	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	10/16/99	ND	ND	ND	ND	ND	99	<15	<3	<3	<3	NA	NA
	01/28/00[2]	ND	ND	ND	ND	ND	<1.0	<5.0	<1.0	<1.0	<1.0	NA	NA
	06/05/00	<50	<0.5	<0.5	<0.5	<0.5	<1.0	<5.0	<1.0	<1.0	<1.0	NA	NA
	11/01/00	<50	<0.5	<0.5	<0.5	<0.5	61	<5.0	<1.0	<1.0	<1.0	NA	NA
	03/14/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50
	05/30/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50
	08/15/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Former Food and Liquor #50, 766 East Cotati Avenue, Cotati, California

Sample ID	Date	(Reported in ug/l)											
		TPHg	Benzene	Toluene	Ethyl Benzene	Xylenes	MTBE	TBA	DIPE	ETBE	TAME	1,2-DCA	EDB
DM6	11/21/02[5]	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50
	02/28/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	05/30/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	08/29/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	11/24/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	02/17/04	<50	<0.50	<0.50	<0.50	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	05/20/04	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	08/27/04	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	12/02/04	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	02/18/05	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
DM7	01/27/03[1]	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	10/16/99	ND	ND	ND	ND	ND	60	<5.0	<1.0	<1.0	<1.0	NA	NA
	01/28/00[2]	ND	ND	ND	ND	ND	<1.0	<5.0	<1.0	<1.0	<1.0	NA	NA
	06/05/00	<50	<0.5	<0.5	<0.5	<0.5	<5	6.7	<1.0	<1.0	<1.0	NA	NA
	11/01/00	<50	<0.5	<0.5	<0.5	<0.5	35	<5.0	<1.0	<1.0	<1.0	NA	NA
	03/14/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50
	05/30/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50
	08/15/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50
	11/21/02[5]	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50
	02/28/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	05/30/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	08/29/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	11/24/03	51	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	02/17/04	<50	<0.50	<0.50	<0.50	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	05/20/04	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	08/27/04	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	12/03/04	<50	<0.5	<0.5	<0.5	<1.0	1.9	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	02/18/05	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
DM8	01/27/03[1]	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
	06/05/00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/01/00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RPMUNI4 Municipal Well	03/14/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50
	05/30/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50
	08/15/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50
	11/21/02[5]	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50
	02/28/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/30/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	08/29/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/24/03	68	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	02/17/05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Former Food and Liquor #50, 766 East Cotati Avenue, Cotati, California

Sample ID	Date	(Reported in ug/l)											
		TPHg	Benzene	Toluene	Ethyl Benzene	Xylenes	MTBE	TBA	DIPE	ETBE	TAME	1,2-DCA	EDB
DW2	09/26/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50
Domestic	11/21/02[5]	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50
Well	02/28/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	05/30/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	08/29/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	11/24/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	02/17/04	<50	<0.50	<0.50	<0.50	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	05/20/04	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	08/26/04	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	12/02/04	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5
	02/17/05	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5

Notes:

ug/l denotes micrograms per liter

Groundwater laboratory analytical results prior to March 14, 2002, were provided by The Customer Company.

TPHg denotes Total Petroleum Hydrocarbons as gasoline analyzed by EPA Method 5030/8015/8260B

MTBE denotes methyl tertiary butyl ether analyzed by EPA Method 8260B

DIPE denotes di-isopropyl ether analyzed by EPA Method 8260B

TAME denotes tertiary amyl methyl ether analyzed by EPA Method 8260B

TBA denotes tertiary butyl ether analyzed by EPA Method 8260B

ETBE denotes ethyl tertiary butyl ether analyzed by EPA Method 8260B

1,2-DCA denotes 1,2-dichloroethane analyzed by EPA Method 8260B

EDB denotes ethyl dibromide analyzed by EPA Method 8260B

NS denotes not sampled

ND denotes non detected

NA denotes not analyzed

< denotes not measured at or above stated detection limit

Data prior to November 2003 was obtained from H_2O Geologic historical reports

[1] Well Installation

[2] MTBE by EPA 8020 was not detected. See Lab Report for Detection Limits.

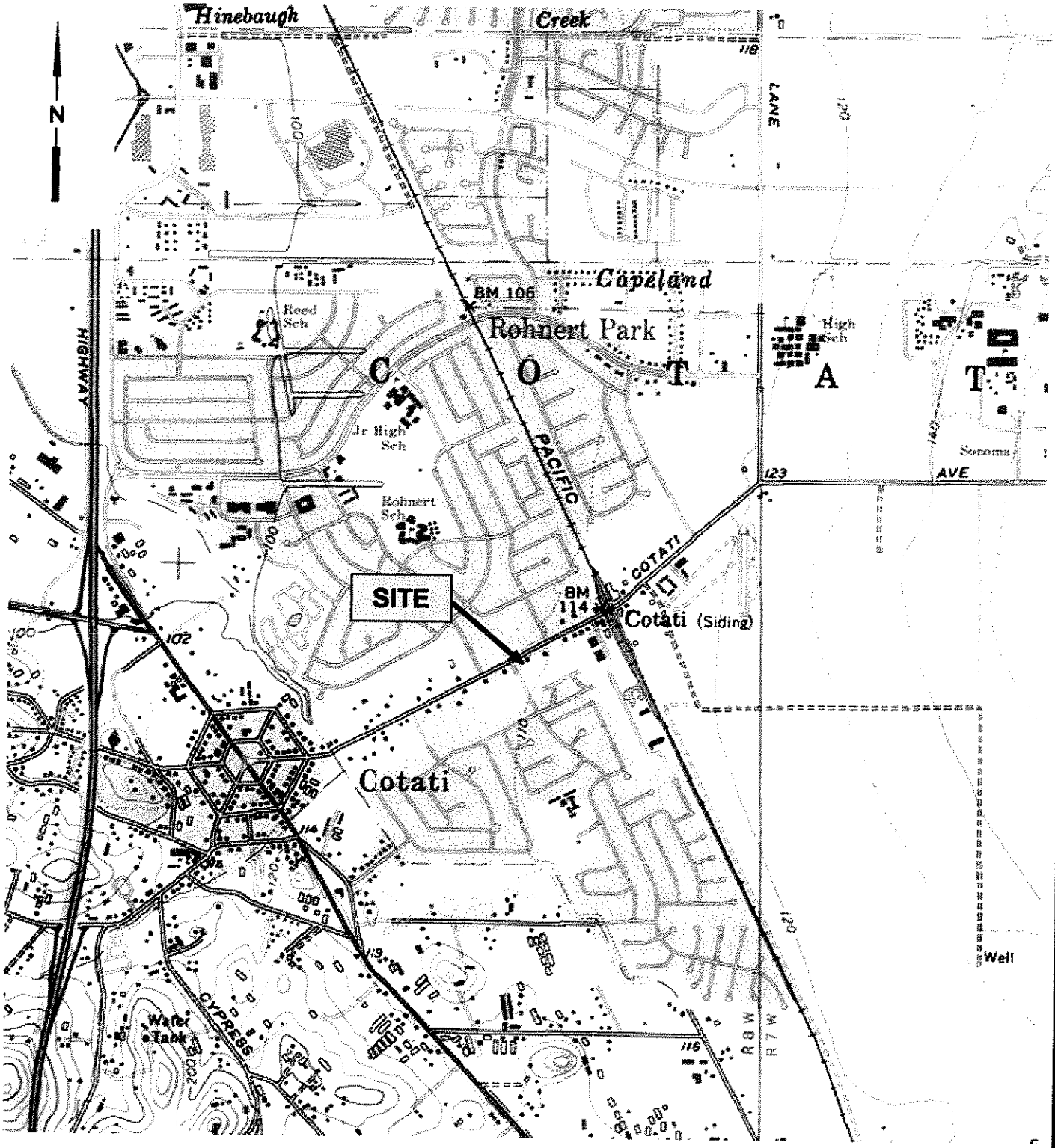
[3] MTBE by EPA 8020 was 140ppb.

[4] Nitrates were detected in groundwater well (DM5) on 01/31/91 at 20ppm; 09/03/91 at 11ppm; 07/29/92 at 4.1 ppm; 11/11/92 at 0.74 ppm and 01/27/93 at 3.1 ppm.

[5] Ethanol was detected in groundwater on 11/21/02 for all wells at concentrations of : MW1 <5.0, MW2<5.0, MW3<5.0 , DM1<5.0, DM2<5.0, DM3<5.0, DM4<5.0, DM5<5.0, DMM6<5.0, DM7<5.0, RPMUNI4 <5.0, and DW2<6.2, in parts per billion (ppb)

[6] Nitrate as NO_3 was detected at 0.53 ppm.

[7] Sample chromatogram does not match the standard gasoline chromatogram.



SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAP
COTATI QUADRANGLE, CALIFORNIA, DATED 1979.

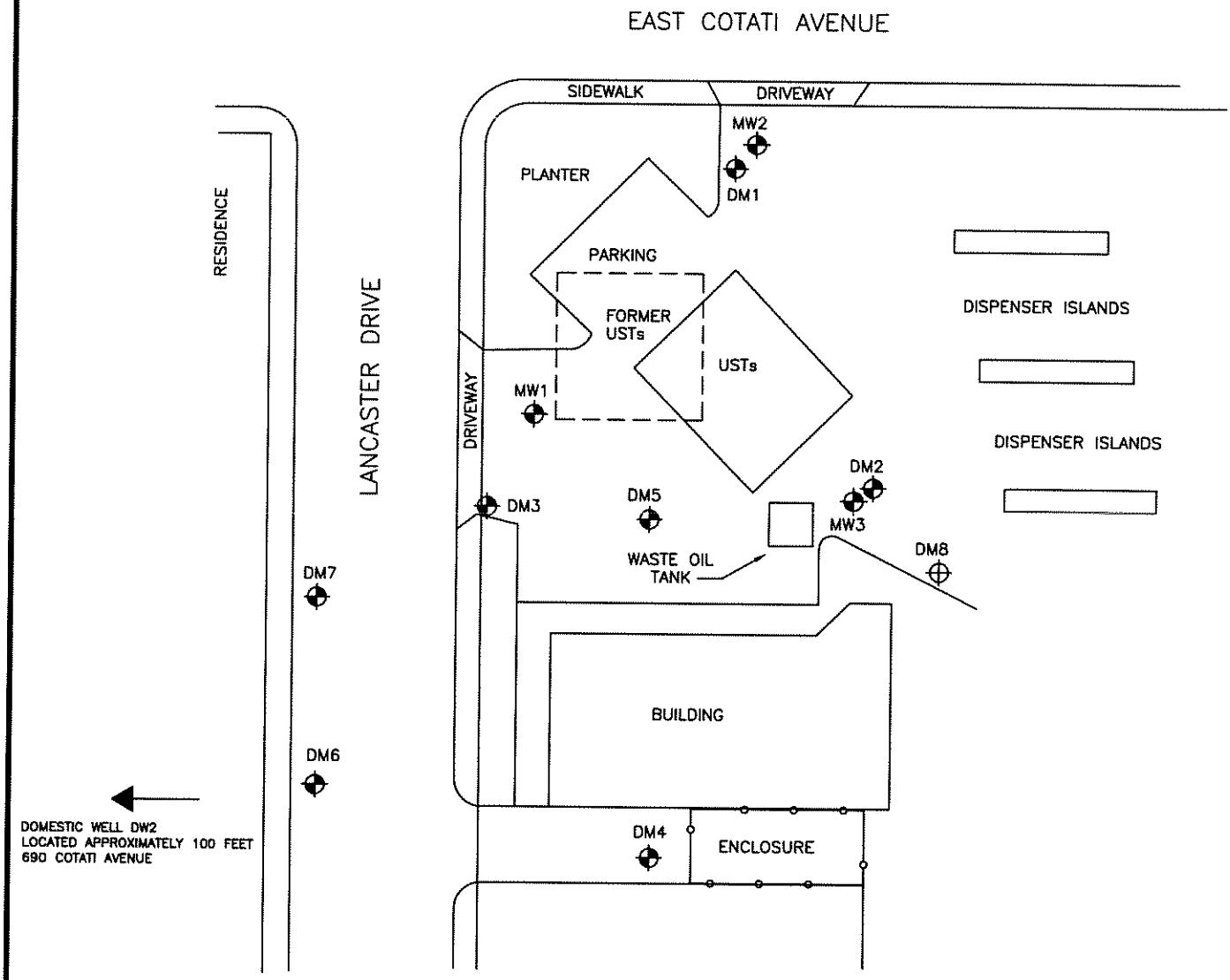
ATC ASSOCIATES INC.
1117 Lone Palm Ave, Ste B
Modesto, CA 95351
(209) 579-2221

PROJECT NO: 54.25847.0050		
DESIGNED BY: NC	SCALE: 1:24,000	REVIEWED BY: JH
DRAWN BY: NC	DATE: 04/05	FILE: LOCATION

FIGURE 1

VICINITY MAP

FORMER FOOD AND LIQUOR #50
766 EAST COTATI AVENUE
COTATI, CALIFORNIA



LEGEND:

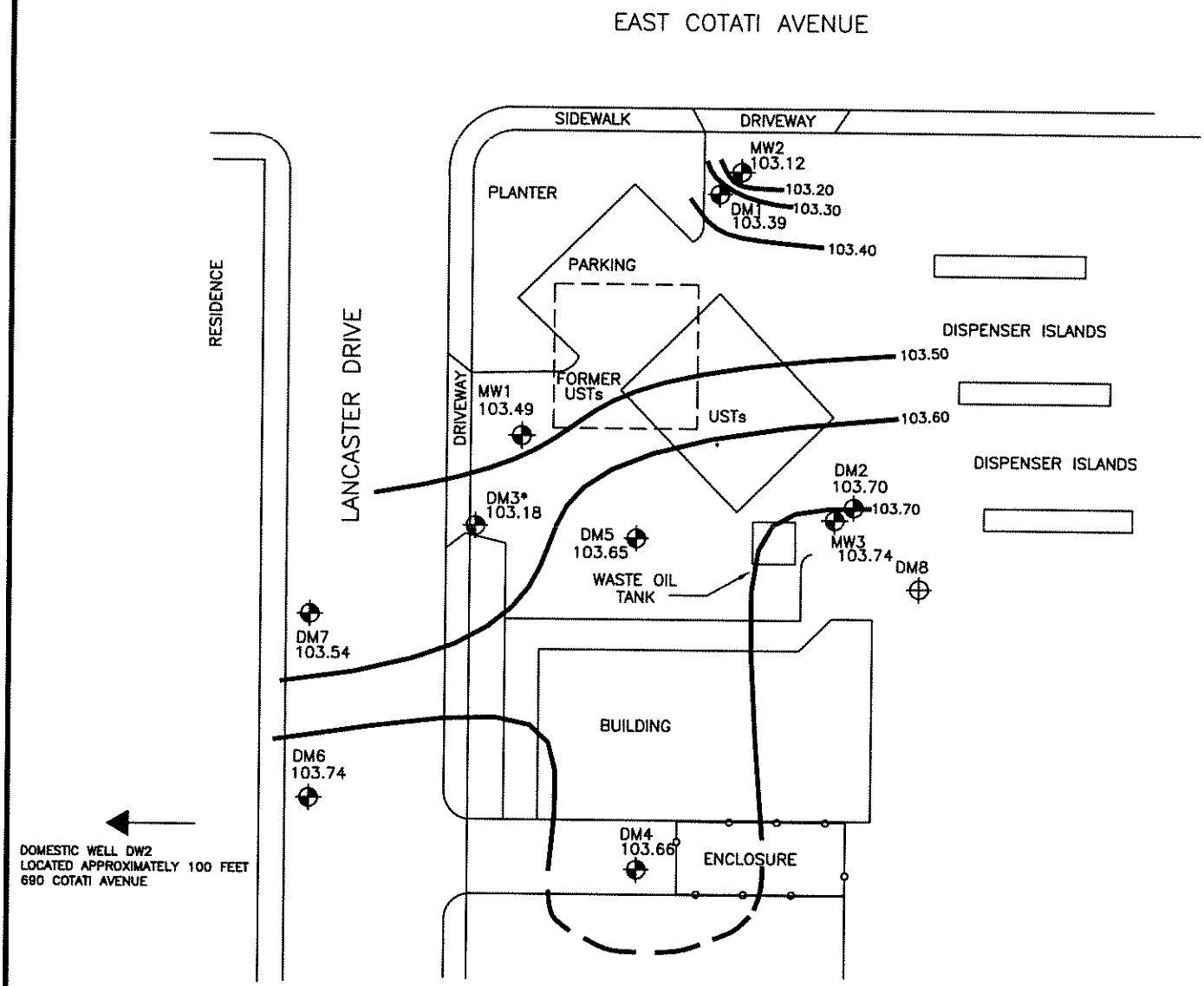
- MONITORING WELL LOCATION
- DESTROYED GROUNDWATER MONITORING WELL

APPROXIMATE SCALE IN FEET

20 0 20

N

VATC ASSOCIATES INC.	FORMER FOOD AND LIQUOR #50 766 EAST COTATI AVENUE COTATI, CALIFORNIA	SITE MAP PROJECT #: 54.25847.0050 FEBRUARY 2004	FIGURE: 2



LEGEND:

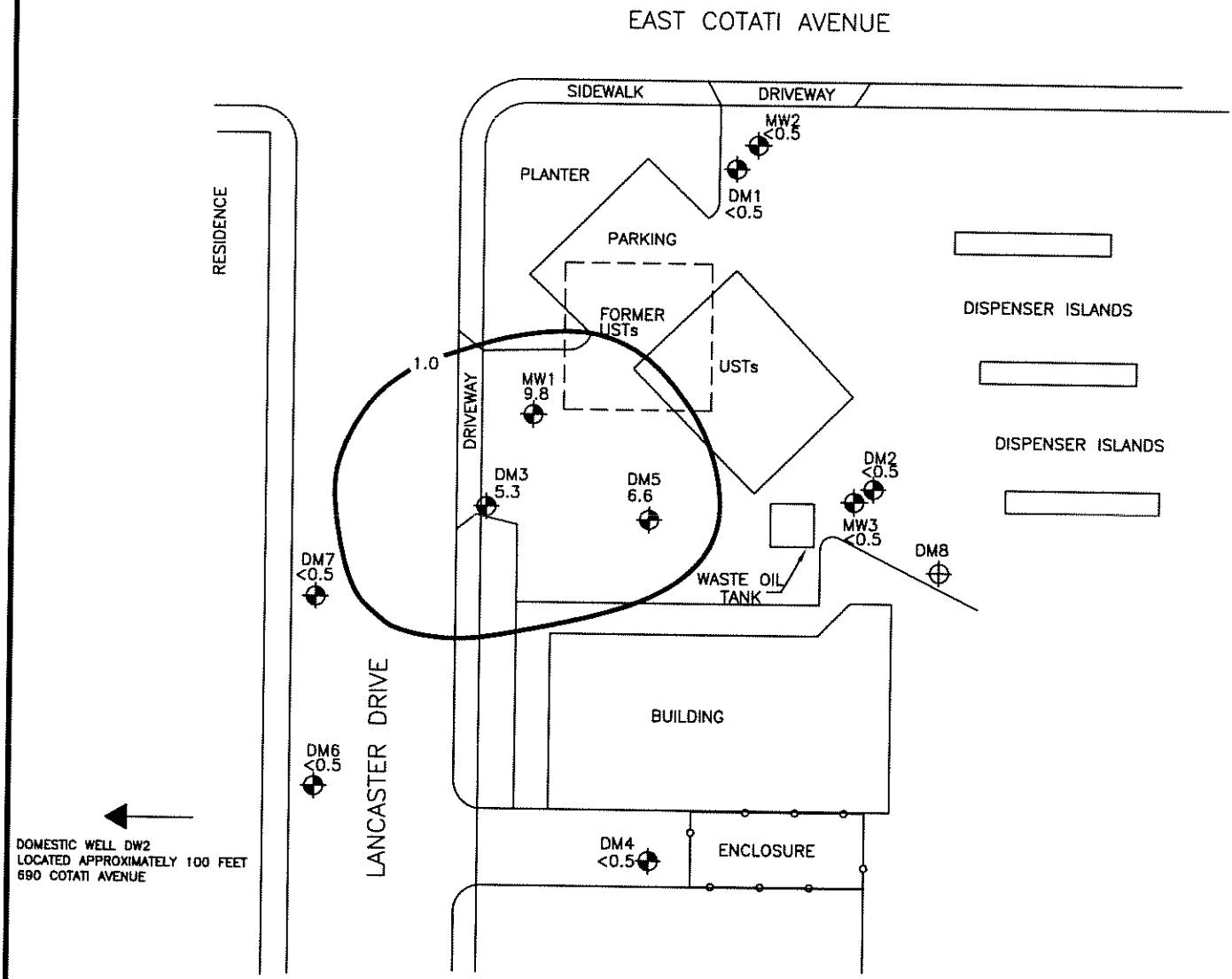
- MONITORING WELL LOCATION
- DESTROYED GROUNDWATER MONITORING WELL
- 103.70 GROUNDWATER ELEVATION
- 103.50 GROUNDWATER ELEVATION (02/17/05) CONTOUR INTERVAL = 0.10 FT
- DM3* DM3 APPEARS ANAMOLOUS AND WAS NOT USED IN DEVELOPING THE CONTOURS.

APPROXIMATE SCALE IN FEET

20 0 20

N

VATC ASSOCIATES INC.	FORMER FOOD AND LIQUOR #50 766 EAST COTATI AVENUE COTATI, CALIFORNIA	GROUNDWATER GRADIENT MAP FEBRUARY 17, 2005	FIGURE: 3
		PROJECT #: 54.25847.0050 / APRIL 2005	



LEGEND:

- MONITORING WELL LOCATION
- DESTROYED GROUNDWATER MONITORING WELL
- 5.6 MTBE CONCENTRATIONS IN ug/L (02/17/05)
- <0.5 MTBE ISOCONCENTRATION LINE

APPROXIMATE SCALE IN FEET

20 0 20

N

VATC ASSOCIATES INC	FORMER FOOD AND LIQUOR #50 766 EAST COTATI AVENUE COTATI, CALIFORNIA	MTBE ISOCONCENTRATION MAP FEBRUARY 17, 2005	FIGURE: 4
		PROJECT #: 54.25847.0050 / APRIL 2005	

Attachment 1

ATC ASSOCIATES INC.

Field Report

Date February 17-18, 2004

Project Name: Customer Company - Cotati #50

Project No.: 54.25847.Q050 | Task No. 53001

Location: 766 E. Cotati Ave., Cotati, CA

Weather Rainy | Tempature 50-60's

Client

Contractor

ATC Representative(s) Michael Sperber

Field Office: ATC Associates Inc
3600 Madison Avenue Suite 64
North Highlands California 95660

Scope of Work:

XX Monitoring ____ Assessment ____ Remediation

Page 1 of 1

Arrive on site

Meet with store manager

Inspect and gauge wells

Calibrate YSI 63 to a Ph of 7.0

Purge and sample all wells in order of 2M, 3M, 1D, 2D, 6D, 7D, 4D, 5D, 3D, 1M

9 drums of purged water

9 drums on site

MW's locked and secure (refer to log)

Depart Site

Wells need replacement (refer to MW inspection log)

Equipment Used:

Contractor Hours | Staff / Technician Hours: | Mileage:

Copies To:

Project Manager:

Reviewed By:

ATC ASSOCIATES INC.

Date: 17-Feb-05

Monitoring Well Inspection Log

Project: Customer Company - Cotati #50

Project No.: 54.25847.0050

Location: 766 E. Cotati Ave., Cotati, CA

ATC Rep: Mike Sperber

Well No.: MW-1 Type: FLUSH [flush well box, vault, or monument]

CONSTRUCTION DETAIL	CONDITION [secure, good, poor, bad, yes, no, etc.]
SECURITY VAULT	Poor
SURFACE SEAL	"
ANNULAR SEAL	"
LOCKING CAP	"
ATC LOCK	None

Comments:

Well No.: MW-2 Type: FLUSH [flush well box, vault, or monument]

CONSTRUCTION DETAIL	CONDITION [secure, good, poor, bad, yes, no, etc.]
SECURITY VAULT	Poor
SURFACE SEAL	"
ANNULAR SEAL	"
LOCKING CAP	"
ATC LOCK	None

Comments:

Well No.: MW-3 Type: FLUSH [flush well box, vault, or monument]

CONSTRUCTION DETAIL	CONDITION [secure, good, poor, bad, yes, no, etc.]
SECURITY VAULT	Secure
SURFACE SEAL	"
ANNULAR SEAL	"
LOCKING CAP	"
ATC LOCK	"

Comments:

Well No.: DM-1 Type: FLUSH [flush well box, vault, or monument]

CONSTRUCTION DETAIL	CONDITION [secure, good, poor, bad, yes, no, etc.]
SECURITY VAULT	Poor
SURFACE SEAL	"
ANNULAR SEAL	"
LOCKING CAP	Secure
ATC LOCK	"

Comments:

Well No.: DM-2 Type: FLUSH [flush well box, vault, or monument]

CONSTRUCTION DETAIL	CONDITION [secure, good, poor, bad, yes, no, etc.]
SECURITY VAULT	Secure
SURFACE SEAL	"
ANNULAR SEAL	"
LOCKING CAP	"
ATC LOCK	"

Comments:

Well No.: DM-3 Type: FLUSH [flush well box, vault, or monument]

CONSTRUCTION DETAIL	CONDITION [secure, good, poor, bad, yes, no, etc.]
SECURITY VAULT	Poor
SURFACE SEAL	"
ANNULAR SEAL	"
LOCKING CAP	Secure
ATC LOCK	"

Comments:

ATC ASSOCIATES INC.

Date: 17-Feb-05

Monitoring Well Inspection Log

Project: Customer Company - Cotati #50

Project No.: 54.25847.0050

Location: 766 E. Cotati Ave., Cotati, CA

ATC Rep: Mike Sperber

Well No.: DM-4 Type: FLUSH [flush well box, vault, or monument]

CONSTRUCTION DETAIL	CONDITION [secure, good, poor, bad, yes, no, etc.]
SECURITY VAULT	Poor
SURFACE SEAL	"
ANNULAR SEAL	"
LOCKING CAP	Secure
ATC LOCK	"

Comments:

Well No.: DM-5 Type: FLUSH [flush well box, vault, or monument]

CONSTRUCTION DETAIL	CONDITION [secure, good, poor, bad, yes, no, etc.]
SECURITY VAULT	Poor
SURFACE SEAL	"
ANNULAR SEAL	"
LOCKING CAP	Secure
ATC LOCK	"

Comments:

Well No.: DM-6 Type: FLUSH [flush well box, vault, or monument]

CONSTRUCTION DETAIL	CONDITION [secure, good, poor, bad, yes, no, etc.]
SECURITY VAULT	Poor
SURFACE SEAL	"
ANNULAR SEAL	"
LOCKING CAP	Secure
ATC LOCK	Poor

Comments:

Well No.: DM-7 Type: FLUSH [flush well box, vault, or monument]

CONSTRUCTION DETAIL	CONDITION [secure, good, poor, bad, yes, no, etc.]
SECURITY VAULT	Secure
SURFACE SEAL	"
ANNULAR SEAL	"
LOCKING CAP	"
ATC LOCK	"

Comments:

Well No.: DM-8 Type: FLUSH [flush well box, vault, or monument]

CONSTRUCTION DETAIL	CONDITION [secure, good, poor, bad, yes, no, etc.]
SECURITY VAULT	Secure
SURFACE SEAL	"
ANNULAR SEAL	"
LOCKING CAP	"
ATC LOCK	"

Comments:

Well No.: DW-2 Type: FLUSH [flush well box, vault, or monument]

CONSTRUCTION DETAIL	CONDITION [secure, good, poor, bad, yes, no, etc.]
SECURITY VAULT	Secure
SURFACE SEAL	None
ANNULAR SEAL	"
LOCKING CAP	"
ATC LOCK	"

Comments:

ATC ASSOCIATES INC.

Date: 2/17/2005

MONITORING WELL GAUGING LOG

Project Name: Customer Company - Cotati #50 Project No.: 54.25847.Q050

Project Address / City / County: 766 E. Cotati Ave., Cotati, Sonoma County, California

ATC Representative: Mike Sperber Reviewed by:

Well ID No.	Previous Depth To Water (feet)	Gauging Time	Depth To Free Product (feet)	Depth To Water (feet)	Free Product Thickness (feet)	Total Casing Depth (feet)	Surveyed Top of Casing Elevation (AMSL)	Groundwater Elevation (AMSL)	Corrected Groundwater Elevation[1] (AMSL)
MW-2	9.72		X	6.60	X	24.20			
MW-3	11.32		X	7.61	X	28.33			
DM-1	10.47		X	7.21	X	39.36			
DM-2	11.54		X	7.84	X	39.82			
DM-6	11.36		X	6.36	X	44.77			
DM-7	11.24		X	6.76	X	39.66			
DM-4	11.98		X	7.50	X	40.00			
DM-5	11.54		X	7.39	X	44.85			
DM-3	11.27		X	7.41	X	40.01			
MW-1	10.48		X	6.71	X	24.34			
DW-2	18.56		X	10.29	X	X			
RP-Muni	Inaccessable		X		X				

Notes:

ID = Identification.
AMSL = Above mean sea level (in feet).
SHEEN = Discontinuous, non-measurable thickness of free product.
TRACE = Continuous, non-measurable thickness of free product.

ft = Feet.
[1] = Elevation adjusted by adding (0.75 x free product thickness) to measured water elevation.

MONITORING WELL PURGING AND SAMPLING LOG

ATC ASSOCIATES INC.

Well No.: **MW-1**

Project Name: Customer Company - Cotati #50 | Project No.: 54.25847.0050

Project Address / City / County: 766 E. Cotati Ave., Cotati, Sonoma County, California

PURGING & SAMPLING INSTRUMENTATION & METHOD

Water Level Meter (Model/ID): EI | Interface Probe (Model/ID):

Water Quality Meter (Model/ID): YSI 63 | Decontamination Method: 3-stage bucket (wash, tap rinse, DI rinse)

Purging Method: ____ PVC Bailer ____ Vacuum Truck ____ Submersible Pump __X__ Other: Honda Pump

Sampling Method: ____ Teflon Bailer __X__ Disposable Bailer ____ Other:

BOREHOLE & WELL CASING VOLUME INFORMATION

Borehole Diameter (Circle):	8"	10"	12"	Casing Diameter (Circle):	(2")	4"	6"	12"	18"	24"
Borehole Multiplier (BM)(gallons/foot):	0.81	1.5	1.95	Casing Multiplier (CM)(gallons/foot):	(0.16)	0.65	1.47	5.87	13.2	23.5

MONITORING MEASUREMENTS

Depth to Free Product (feet): X

Depth to Water (DTW)(feet): 6.71

Total Well Depth (feet): 24.34

Water Column (WC)(feet): 17.63

Free Product Thickness (feet): X

PURGING CALCULATIONS

Borehole Volumes (BV):

WC ____ x BM ____ = ____ (BV)(gal) x 1.5 BV (gal): ____

Casing Volumes (CV):

WC 17.63 x CM 0.16 = 2.8 (CV)(gal) x 3.0 CV (gal): 8.5

Free Product Purged (gallons):

PURGING DATA

Time	DTW (ft)	Cum. Vol. Purged (gallons)	Temp (°C)	pH	Electric Conductivity (u or m mhos)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Odor (Yes/No)
1510	*Purging Start Time*							
12		2	18.4	6.70	687		NA	Yes
14		4	18.8	6.56	634			
16		6	19.3	6.31	656			
18		8	19.3	6.47	778			
		8.5	*Total Gallons Purged*					
19	*Purging End Time*							

SAMPLING DATA

Time Sampled: 1620 | Depth to Water @ Sample Time (DTWs): 6.70

Container Types, Volumes, & Quantities	Filtered (yes/no)	Sample Preservatives	Analytical Parameters (cross-out all NOT applicable)
4 Voas	No	HCl	

WELL RECOVERY DATA

Maximum Drawdown (DTWm)(feet):

$$\% \text{ Recovery} = 1 - \frac{(DTW - DTWs)}{(DTW - DTWm)} \times 100$$

Recovery Type: ____ *Fast* ____ *Slow*

Approximate Flow Rate (GPM):

Recovery Calculation: % Recovery = 1 (____ - ____) / (____ - ____) x 100

% Recovery = ____

FIELD PERSONNEL

ATC Representative(s): Mike Sperber

Subcontractor:

Signature: ____ Date: 2/18/2005

MONITORING WELL PURGING AND SAMPLING LOG

ATC ASSOCIATES INC.

Well No.: **MW-2**

Project Name: Customer Company - Cotati #50 | Project No.: 54.25847.0050

Project Address / City / County: 766 E. Cotati Ave., Cotati, Sonoma County, California

PURGING & SAMPLING INSTRUMENTATION & METHOD

Water Level Meter (Model/ID): EI | Interface Probe (Model/ID):

Water Quality Meter (Model/ID): YSI 63 | Decontamination Method: 3-stage bucket (wash, tap rinse, DI rinse)

Purging Method: ____ PVC Bailer ____ Vacuum Truck ____ Submersible Pump _X_ Other: Honda Pump

Sampling Method: ____ Teflon Bailer _X_ Disposable Bailer ____ Other:

BOREHOLE & WELL CASING VOLUME INFORMATION

Borehole Diameter (Circle):	8"	10"	12"
Borehole Multiplier (BM)(gallons/root):	0.81	1.5	1.95

Casing Diameter (Circle):	2"	4"	6"	12"	18"	24"
Casing Multiplier (CM)(gallons/root):	0.16	0.65	1.47	5.87	13.2	23.5

MONITORING MEASUREMENTS

Depth to Free Product (feet): X

Depth to Water (DTW)(feet): 6.60

Total Well Depth (feet): 24.20

Water Column (WC)(feet): 17.6

Free Product Thickness (feet): X

PURGING CALCULATIONS

Borehole Volumes (BV):

WC _____ x BM _____ = _____ (BV)(gal) x 1.5 BV (gal): _____

Casing Volumes (CV):

WC 17.6 x CM 0.16 = 2.8 (CV)(gal) x 3.0 CV (gal): 8.4

Free Product Purged (gallons):

PURGING DATA

Time	DTW (ft)	Cum. Vol. Purged (gallons)	Temp (°C)	pH	Electric Conductivity (u or m mhos)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Odor (Yes/No)
1300	*Purging Start Time*							
02		2	18.8	7.83	727	X	Mod	No
04		4	19.0	7.69	690		No	
06		6	19.0	7.54	~~97~~ 675			
08		8	19.2	7.47	671			
		8.4	*Total Gallons Purged*					
CT	*Purging End Time*							

SAMPLING DATA

Time Sampled: 1615 | Depth to Water @ Sample Time (DTWs): 6.6

Container Types, Volumes, & Quantities	Filtered (yes/no)	Sample Preservatives	Analytical Parameters (cross-out all NOT applicable)
4 Voas	No	HCl	

WELL RECOVERY DATA

Maximum Drawdown (DTWm)(feet): | Approximate Flow Rate (GPM):

% Recovery = 1 - (DTW - DTWs) / (DTW - DTWm) x 100

Recovery Calculation: % Recovery = 1 (_____ - _____) / (_____ - _____) x 100

Recovery Type: ____ *Fast* ____ *Slow*

% Recovery = _____

FIELD PERSONNEL

ATC Representative(s): Mike Sperber

Subcontractor:

Signature: _____ Date: 2/17/2005

MONITORING WELL PURGING AND SAMPLING LOG

ATC ASSOCIATES INC.

Well No.: MW-3

Project Name: Customer Company - Cotati #50 | Project No.: 54.25847.0050

Project Address / City / County: 766 E. Cotati Ave., Cotati, Sonoma County, California

PURGING & SAMPLING INSTRUMENTATION & METHOD

Water Level Meter (Model/ID): EI | Interface Probe (Model/ID):

Water Quality Meter (Model/ID): YSI 63 | Decontamination Method: 3-stage bucket (wash, tap rinse, DI rinse)

Purging Method: ____ PVC Bailer ____ Vacuum Truck ____ Submersible Pump __X__ Other: _Honda Pump_____

Sampling Method: ____ Teflon Bailer __X__ Disposable Bailer ____ Other: _____

BOREHOLE & WELL CASING VOLUME INFORMATION

Borehole Diameter (Circle):	8"	10"	12"	Casing Diameter (Circle):	(2")	4"	6"	12"	18"	24"
Borehole Multiplier (BM)(gallons/root):	0.81	1.5	1.95	Casing Multiplier (CM)(gallons/root):	(0.16)	0.65	1.47	5.87	13.2	23.5

MONITORING MEASUREMENTS

Depth to Free Product (feet): X

Depth to Water (DTW)(feet): 7.61

Total Well Depth (feet): 28.33

Water Column (WC)(feet): 20.72

Free Product Thickness (feet): X

PURGING CALCULATIONS

Borehole Volumes (BV):

WC _____ x BM _____ = _____ (BV)(gal) x 1.5 BV (gal): _____

Casing Volumes (CV):

WC 20.72 x CM 0.16 = 3.3 (CV)(gal) x 3.0 CV (gal): 9.9

Free Product Purged (gallons):

PURGING DATA

Time	DTW (ft)	Cum. Vol. Purged (gallons)	Temp (°C)	pH	Electric Conductivity (u or m mhos)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Odor (Yes/No)
1315	*Purging Start Time*							
17		2	19.2	7.20	742		Mod	Yes
19		4	19.6	7.05	841		Vo	
21		6	19.0	7.01	878			
23		8	18.9	6.89	875			
		9.9	*Total Gallons Purged*					
	Purging End Time							

SAMPLING DATA

Time Sampled: 1630 | Depth to Water @ Sample Time (DTWs): 7.60

Container Types, Volumes, & Quantities	Filtered (yes/no)	Sample Preservatives	Analytical Parameters (cross-out all NOT applicable)
4 Voas	No	HCl	

WELL RECOVERY DATA

Maximum Drawdown (DTWm)(feet): | Approximate Flow Rate (GPM):

$$\% \text{ Recovery} = 1 - \frac{(DTW - DTWs)}{(DTW - DTWm)} \times 100$$

Recovery Calculation: % Recovery = 1 (_____ - _____) / (_____ - _____) x 100

Recovery Type: ____ *Fast* ____ *Slow* | % Recovery = _____

FIELD PERSONNEL

ATC Representative(s): Mike Sperber

Subcontractor:

Signature: _____ Date: 2/17/2005

ATC ASSOCIATES INC.

MONITORING WELL PURGING AND SAMPLING LOG

Well No.: **DM-1**

Project Name: Customer Company - Cotati #50 | Project No.: 54.25847.0050

Project Address / City / County: 766 E. Cotati Ave., Cotati, Sonoma County, California

PURGING & SAMPLING INSTRUMENTATION & METHOD

Water Level Meter (Model/ID): EI | Interface Probe (Model/ID):

Water Quality Meter (Model/ID): YSI 63 | Decontamination Method: 3-stage bucket (wash, tap rinse, DI rinse)

Purging Method: ____ PVC Bailer ____ Vacuum Truck ____ Submersible Pump __X__ Other: _Honda Pump_____

Sampling Method: ____ Teflon Bailer _X___ Disposable Bailer ____ Other: _____

BOREHOLE & WELL CASING VOLUME INFORMATION

Borehole Diameter (Circle):	8"	10"	12"
Borehole Multiplier (BM)(gallons/root):	0.81	1.5	1.95

Casing Diameter (Circle):	2"	(4")	6"	12"	18"	24"
Casing Multiplier (CM)(gallons/root):	0.16	(0.65)	1.47	5.87	13.2	23.5

MONITORING MEASUREMENTS

Depth to Free Product (feet): X

Depth to Water (DTW)(feet): 7.21

Total Well Depth (feet): 39.36

Water Column (WC)(feet): 32.15

Free Product Thickness (feet): X

PURGING CALCULATIONS

Borehole Volumes (BV):

WC _____ x BM _____ = _____ (BV)(gal) x 1.5 BV (gal): _____

Casing Volumes (CV):

WC 32.15 x CM 0.65 = 20 (CV)(gal) x 3.0 CV (gal): 62

Free Product Purged (gallons):

PURGING DATA

Time	DTW (ft)	Cum. Vol. Purged (gallons)	Temp (°C)	pH	Electric Conductivity (u or m mhos)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Odor (Yes/No)
1335	*Purging Start Time*							
45		10	18.3	6.75	650		No	No
55		20	18.7	6.69	619			
1405		30	18.9	6.57	616			
15		40	19.0	6.57	608			
		62	*Total Gallons Purged*					
1437	*Purging End Time*							

SAMPLING DATA

Time Sampled: 1645 | Depth to Water @ Sample Time (DTWs): 7.20

Container Types, Volumes, & Quantities	Filtered (yes/no)	Sample Preservatives	Analytical Parameters (cross-out all NOT applicable)
4 Voas	No	HCl	

WELL RECOVERY DATA

Maximum Drawdown (DTW*m*)(feet):

Approximate Flow Rate (GPM):

$$\% \text{ Recovery} = 1 - \frac{(DTW - DTWs)}{(DTW - DTWm)} \times 100$$

Recovery Calculation: % Recovery = 1 (_____ - _____) / (_____ - _____) x 100

Recovery Type: ____ *Fast* ____ *Slow*

% Recovery = _____

FIELD PERSONNEL

ATC Representative(s): Mike Sperber

Subcontractor:

Signature: _____ Date: _____2/17/2005_____

MONITORING WELL PURGING AND SAMPLING LOG

ATC ASSOCIATES INC.

Well No.: **DM-2**

Project Name: Customer Company - Cotati #50 | Project No.: 54.25847.0050

Project Address / City / County: 766 E. Cotati Ave., Cotati, Sonoma County, California

PURGING & SAMPLING INSTRUMENTATION & METHOD

Water Level Meter (Model/ID): EI | Interface Probe (Model/ID):

Water Quality Meter (Model/ID): YSI 63 | Decontamination Method: 3-stage bucket (wash, tap rinse, DI rinse)

Purging Method: ____ PVC Bailer ____ Vacuum Truck ____ Submersible Pump _X_ Other: _Honda Pump_

Sampling Method: ____ Teflon Bailer _X_ Disposable Bailer ____ Other: ____

BOREHOLE & WELL CASING VOLUME INFORMATION

Borehole Diameter (Circle):	8"	10"	12"
Borehole Multiplier (BM)(gallons/root):	0.81	1.5	1.95

Casing Diameter (Circle):	2"	(4")	6"	12"	18"	24"
Casing Multiplier (CM)(gallons/root):	0.16	(0.65)	1.47	5.87	13.2	23.5

MONITORING MEASUREMENTS

Depth to Free Product (feet): X

Depth to Water (DTW)(feet): 7.84

Total Well Depth (feet): 39.82

Water Column (WC)(feet): 31.98

Free Product Thickness (feet): X

PURGING CALCULATIONS

Borehole Volumes (BV):

WC _____ x BM _____ = _____ (BV)(gal) x 1.5 BV (gal): _____

Casing Volumes (CV):

WC 39.18 x CM 0.65 = 20.7 (CV)(gal) x 3.0 CV (gal): 62

Free Product Purged (gallons):

PURGING DATA

Time	DTW (ft)	Cum. Vol. Purged (gallons)	Temp (°C)	pH	Electric Conductivity (μ or m mhos)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Odor (Yes/No)
1450	*Purging Start Time*							
1500		10	18.5	6.61	698	X	No	No
10		20	18.9	6.54	694			
20		30	18.9	6.45	668			
30		40	18.9	6.48	651			
		62	*Total Gallons Purged*					
52	*Purging End Time*							

SAMPLING DATA

Time Sampled: 1700

Depth to Water @ Sample Time (DTWs): 7.84

Container Types, Volumes, & Quantities	Filtered (yes/no)	Sample Preservatives	Analytical Parameters (cross-out all NOT applicable)
4 Voas	No	HCl	

WELL RECOVERY DATA

Maximum Drawdown (DTWm)(feet):

Approximate Flow Rate (GPM):

$$\% \text{ Recovery} = 1 - \frac{(DTW - DTWs)}{(DTW - DTWm)} \times 100$$

Recovery Calculation: % Recovery = 1 (_____ - _____) / (_____ - _____) x 100

Recovery Type: ____ *Fast* ____ *Slow*

% Recovery = _____

FIELD PERSONNEL

ATC Representative(s): Mike Sperber

Subcontractor:

Signature: _____ Date: 2/17/2005

MONITORING WELL PURGING AND SAMPLING LOG

ATC ASSOCIATES INC.

Well No.: **DM-3**

Project Name: Customer Company - Cotati #50 | Project No.: 54.25847.0050

Project Address / City / County: 766 E. Cotati Ave., Cotati, Sonoma County, California

PURGING & SAMPLING INSTRUMENTATION & METHOD

Water Level Meter (Model/ID): EI | Interface Probe (Model/ID):

Water Quality Meter (Model/ID): YSI 63 | Decontamination Method: 3-stage bucket (wash, tap rinse, DI rinse)

Purging Method: ____ PVC Bailer ____ Vacuum Truck ____ Submersible Pump __X__ Other: __Honda Pump__

Sampling Method: ____ Teflon Bailer __X__ Disposable Bailer ____ Other: ____

BOREHOLE & WELL CASING VOLUME INFORMATION

Borehole Diameter (Circle):	8"	10"	12"
Borehole Multiplier (BM)(gallons/root):	0.81	1.5	1.95

Casing Diameter (Circle):	2"	(4")	6"	12"	18"	24"
Casing Multiplier (CM)(gallons/root):	0.16	(0.65)	1.47	5.87	13.2	23.5

MONITORING MEASUREMENTS

Depth to Free Product (feet): X

Depth to Water (DTW)(feet): 7.41

Total Well Depth (feet): 40.01

Water Column (WC)(feet): 32.6

Free Product Thickness (feet): X

PURGING CALCULATIONS

Borehole Volumes (BV):

WC _____ x BM _____ = _____ (BV)(gal) x 1.5 BV (gal): _____

Casing Volumes (CV):

WC 32.6 x CM 0.65 = 21.1 (CV)(gal) x 3.0 CV (gal): 64

Free Product Purged (gallons):

PURGING DATA

Time	DTW (ft)	Cum. Vol. Purged (gallons)	Temp (°C)	pH	Electric Conductivity (u or m mhos)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Odor (Yes/No)
1400	*Purging Start Time*							
20		20	17.9	6.66	684		No	Yes
40		40	18.7	6.61	696			
1500		60	19.0	6.57	700			
03		63	18.5	6.61	702			
		64	*Total Gallons Purged*					
04	*Purging End Time*							

SAMPLING DATA

Time Sampled: 1610

Depth to Water @ Sample Time (DTWs): 14.1

Container Types, Volumes, & Quantities	Filtered (yes/no)	Sample Preservatives	Analytical Parameters (cross-out all NOT applicable)
4 Voas	No	HCl	

WELL RECOVERY DATA

Maximum Drawdown (DTWm)(feet):

Approximate Flow Rate (GPM):

$$\% \text{ Recovery} = 1 - \frac{(DTW - DTWs)}{(DTW - DTWm)} \times 100$$

Recovery Calculation: % Recovery = 1 (____ - ____) / (____ - ____) x 100

Recovery Type: ____ *Fast* ____ *Slow*

% Recovery = _____

FIELD PERSONNEL

ATC Representative(s): Mike Sperber

Subcontractor:

Signature: _____ Date: 2/18/2005

MONITORING WELL PURGING AND SAMPLING LOG

ATC ASSOCIATES INC.

Well No.: **DM-4**

Project Name: Customer Company - Cotati #50 | Project No.: 54.25847.0050

Project Address / City / County: 766 E. Cotati Ave., Cotati, Sonoma County, California

PURGING & SAMPLING INSTRUMENTATION & METHOD

Water Level Meter (Model/ID): EI | Interface Probe (Model/ID):

Water Quality Meter (Model/ID): YSI 63 | Decontamination Method: 3-stage bucket (wash, tap rinse, DI rinse)

Purging Method: ____ PVC Bailer ____ Vacuum Truck ____ Submersible Pump __X__ Other: ____Honda Pump____

Sampling Method: ____ Teflon Bailer __X_ Disposable Bailer ____ Other: ____

BOREHOLE & WELL CASING VOLUME INFORMATION

Borehole Diameter (Circle):	8"	10"	12"	Casing Diameter (Circle):	2"	(4")	6"	12"	18"	24"
Borehole Multiplier (BM)(gallons/root):	0.81	1.5	1.95	Casing Multiplier (CM)(gallons/root):	0.16	(0.65)	1.47	5.87	13.2	23.5

MONITORING MEASUREMENTS

Depth to Free Product (feet): X

Depth to Water (DTW)(feet): 7.50

Total Well Depth (feet): 40.00

Water Column (WC)(feet): 32.5

Free Product Thickness (feet): X

PURGING CALCULATIONS

Borehole Volumes (BV):

WC _____ x BM _____ = _____ (BV)(gal) x 1.5 BV (gal): _____

Casing Volumes (CV):

WC 32.5 x CM 0.65 = 21.1 (CV)(gal) x 3.0 CV (gal): 63

Free Product Purged (gallons):

PURGING DATA

Time	DTW (ft)	Cum. Vol. Purged (gallons)	Temp (°C)	pH	Electric Conductivity (μ or m mhos)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Odor (Yes/No)
1130	*Purging Start Time*							
5a		20	16.5	6.70	810	X	No	No
1210		40	16.9	6.54	829			
20		50	16.9	6.55	836			
30		60	16.9	6.49	829			
		63	*Total Gallons Purged*					
1230	*Purging End Time*							

SAMPLING DATA

Time Sampled: 1550 | Depth to Water @ Sample Time (DTW*s*): 7.80

Container Types, Volumes, & Quantities	Filtered (yes/no)	Sample Preservatives	Analytical Parameters (cross-out all NOT applicable)
4 Voas	No	HCl	

WELL RECOVERY DATA

Maximum Drawdown (DTW*m*)(feet):

$$\% \text{ Recovery} = 1 - \frac{(DTW - DTW_s)}{(DTW - DTW_m)} \times 100$$

Recovery Type: ____ *Fast* ____ *Slow*

Approximate Flow Rate (GPM):

Recovery Calculation: % Recovery = 1 (____ - ____) / (____ - ____) x 100

% Recovery = _____

FIELD PERSONNEL

ATC Representative(s): Mike Sperber

Subcontractor:

Signature: _____ Date: 2/18/2005

MONITORING WELL PURGING AND SAMPLING LOG

ATC ASSOCIATES INC.

Well No.: **DM-5**

Project Name: Customer Company - Cotati #50 | Project No.: 54.25847.0050

Project Address / City / County: 766 E. Cotati Ave., Cotati, Sonoma County, California

PURGING & SAMPLING INSTRUMENTATION & METHOD

Water Level Meter (Model/ID): EI | Interface Probe (Model/ID):

Water Quality Meter (Model/ID): YSI 63 | Decontamination Method: 3-stage bucket (wash, tap rinse, DI rinse)

Purging Method: ____ PVC Bailer ____ Vacuum Truck ____ Submersible Pump __X__ Other: __Honda Pump__

Sampling Method: ____ Teflon Bailer __X__ Disposable Bailer ____ Other: ____

BOREHOLE & WELL CASING VOLUME INFORMATION

Borehole Diameter (Circle):	8"	10"	12"
Borehole Multiplier (BM)(gallons/root):	0.81	1.5	1.95

Casing Diameter (Circle):	2"	(4")	6"	12"	18"	24"
Casing Multiplier (CM)(gallons/root):	0.16	(0.65)	1.47	5.87	13.2	23.5

MONITORING MEASUREMENTS

Depth to Free Product (feet): X

Depth to Water (DTW)(feet): 7.39

Total Well Depth (feet): 44.85

Water Column (WC)(feet): 37.4

Free Product Thickness (feet): X

PURGING CALCULATIONS

Borehole Volumes (BV):

WC ____ x BM ____ = ____ (BV)(gal) x 1.5 BV (gal): ____

Casing Volumes (CV):

WC 37.4 x CM 0.65 = 24.3 (CV)(gal) x 3.0 CV (gal): 73

Free Product Purged (gallons):

PURGING DATA

Time	DTW (ft)	Cum. Vol. Purged (gallons)	Temp (°C)	pH	Electric Conductivity (μ or m mhos)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Odor (Yes/No)
1240	*Purging Start Time*							
1300		20	18.1	6.73	695	X	Yo	No
20		40	18.8	6.61	707			
40		60	18.9	6.66	715			
50		70	19.1	6.63	721			
		73	*Total Gallons Purged*					
1353	*Purging End Time*							

SAMPLING DATA

Time Sampled: 1600 | Depth to Water @ Sample Time (DTWs): 7.39

Container Types, Volumes, & Quantities	Filtered (yes/no)	Sample Preservatives	Analytical Parameters (cross-out all NOT applicable)
4 Voas	No	HCl	

WELL RECOVERY DATA

Maximum Drawdown (DTWm)(feet): | Approximate Flow Rate (GPM):

$$\% \text{ Recovery} = 1 - \frac{(DTW - DTWs)}{(DTW - DTWm)} \times 100$$

Recovery Calculation: % Recovery = 1 (____ - ____) / (____ - ____) x 100

Recovery Type: ____ *Fast* ____ *Slow* | % Recovery = ____

FIELD PERSONNEL

ATC Representative(s): Mike Sperber

Subcontractor:

Signature: ____ Date: 2/18/2005

MONITORING WELL PURGING AND SAMPLING LOG

ATC ASSOCIATES INC.

Well No.: **DM-6**

Project Name: Customer Company - Cotati #50 | Project No.: 54.25847.0050

Project Address / City / County: 766 E. Cotati Ave., Cotati, Sonoma County, California

PURGING & SAMPLING INSTRUMENTATION & METHOD

Water Level Meter (Model/ID): EI | Interface Probe (Model/ID):

Water Quality Meter (Model/ID): YSI 63 | Decontamination Method: 3-stage bucket (wash, tap rinse, DI rinse)

Purging Method: ____ PVC Bailer ____ Vacuum Truck ____ Submersible Pump __X__ Other: __Honda Pump__

Sampling Method: ____ Teflon Bailer __X_ Disposable Bailer ____ Other: ____

BOREHOLE & WELL CASING VOLUME INFORMATION

Borehole Diameter (Circle):	8"	10"	12"
Borehole Multiplier (BM)(gallons/root):	0.81	1.5	1.95

Casing Diameter (Circle):	2"	(4")	6"	12"	18"	24"
Casing Multiplier (CM)(gallons/root):	0.16	(0.65)	1.47	5.87	13.2	23.5

MONITORING MEASUREMENTS

Depth to Free Product (feet): X

Depth to Water (DTW)(feet): 6.36

Total Well Depth (feet): 44.77

Water Column (WC)(feet): 38.41

Free Product Thickness (feet): X

PURGING CALCULATIONS

Borehole Volumes (BV):

WC _____ x BM _____ = _____ (BV)(gal) x 1.5 BV (gal): _____

Casing Volumes (CV):

WC 38.41 x CM 0.65 = 24.9 (CV)(gal) x 3.0 CV (gal): 74

Free Product Purged (gallons):

PURGING DATA

Time	DTW (ft)	Cum. Vol. Purged (gallons)	Temp (°C)	pH	Electric Conductivity (u or m mhos)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Odor (Yes/No)
900	*Purging Start Time*							
20		20	16.7	6.77	843	X	No	No
30		30	18.3	6.88	867			
50		50	18.7	6.88	879			
1010		70	18.8	6.81	871			
		74	*Total Gallons Purged*					
1014	*Purging End Time*							

SAMPLING DATA

Time Sampled: 1530 | Depth to Water @ Sample Time (DTWs): 6.36

Container Types, Volumes, & Quantities	Filtered (yes/no)	Sample Preservatives	Analytical Parameters (cross-out all NOT applicable)
4 Voas	No	HCl	

WELL RECOVERY DATA

Maximum Drawdown (DTWm)(feet):

Approximate Flow Rate (GPM):

$$\% \text{ Recovery} = 1 - \frac{(DTW - DTWs)}{(DTW - DTWm)} \times 100$$

Recovery Calculation: % Recovery = 1 (____ - ____) / (____ - ____) x 100

Recovery Type: ____ *Fast* ____ *Slow*

% Recovery = _____

FIELD PERSONNEL

ATC Representative(s): Mike Sperber

Subcontractor:

Signature: _____ Date: 2/18/2005

MONITORING WELL PURGING AND SAMPLING LOG

ATC ASSOCIATES INC.

Well No.: **DM-7**

Project Name: Customer Company - Cotati #50 | Project No.: 54.25847.0050

Project Address / City / County: 766 E. Cotati Ave., Cotati, Sonoma County, California

PURGING & SAMPLING INSTRUMENTATION & METHOD

Water Level Meter (Model/ID): EI | Interface Probe (Model/ID):

Water Quality Meter (Model/ID): YSI 63 | Decontamination Method: 3-stage bucket (wash, tap rinse, DI rinse)

Purging Method: ____ PVC Bailer ____ Vacuum Truck ____ Submersible Pump __X__ Other: __Honda Pump__

Sampling Method: ____ Teflon Bailer __X__ Disposable Bailer ____ Other: ____

BOREHOLE & WELL CASING VOLUME INFORMATION

Borehole Diameter (Circle):	8"	10"	12"
Borehole Multiplier (BM)(gallons/foot):	0.81	1.5	1.95

Casing Diameter (Circle):	2"	(4")	6"	12"	18"	24"
Casing Multiplier (CM)(gallons/foot):	0.16	(0.65)	1.47	5.87	13.2	23.5

MONITORING MEASUREMENTS

Depth to Free Product (feet): X

Depth to Water (DTW)(feet): 6.76

Total Well Depth (feet): 39.66

Water Column (WC)(feet): 32.9

Free Product Thickness (feet): X

PURGING CALCULATIONS

Borehole Volumes (BV):

WC ____ x BM ____ = ____ (BV)(gal) x 1.5 BV (gal): ____

Casing Volumes (CV):

WC 32.9 x CM 0.65 = 21.3 (CV)(gal) x 3.0 CV (gal): 64

Free Product Purged (gallons):

PURGING DATA

Time	DTW (ft)	Cum. Vol. Purged (gallons)	Temp (°C)	pH	Electric Conductivity (u or m mhos)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Odor (Yes/No)
1020	*Purging Start Time*							
40		20	18.0	7.05	392.2		No	No
1100		40	17.8	7.04	418.4			
10		50	18.4	6.88	436.6			
20		60	18.2	6.98	459			
		64	*Total Gallons Purged*					
24	*Purging End Time*							

SAMPLING DATA

Time Sampled: 1540 | Depth to Water @ Sample Time (DTWs): 6.74

Container Types, Volumes, & Quantities	Filtered (yes/no)	Sample Preservatives	Analytical Parameters (cross-out all NOT applicable)
4 Voas	No	HCl	

WELL RECOVERY DATA

Maximum Drawdown (DTWm)(feet): | Approximate Flow Rate (GPM):

$$\% \text{ Recovery} = 1 - \frac{(DTW - DTWs)}{(DTW - DTWm)} \times 100$$

Recovery Calculation: % Recovery = 1 (____ - ____) / (____ - ____) x 100

Recovery Type: ____ *Fast* ____ *Slow* | % Recovery = ____

FIELD PERSONNEL

ATC Representative(s): Mike Sperber

Subcontractor:

Signature: ____ Date: 2/18/2005

MONITORING WELL PURGING AND SAMPLING LOG

ATC ASSOCIATES INC.

Well No.: **DM-8**

Project Name: Customer Company - Cotati #50 | Project No.: 54.25847.0050

Project Address / City / County: 766 E. Cotati Ave., Cotati, Sonoma County, California

PURGING & SAMPLING INSTRUMENTATION & METHOD

Water Level Meter (Model/ID): EI | Interface Probe (Model/ID):

Water Quality Meter (Model/ID): | Decontamination Method: 3-stage bucket (wash, tap rinse, DI rinse)

Purging Method: ____ PVC Bailer ____ Vacuum Truck ____ Submersible Pump ____ Other: ____

Sampling Method: ____ Teflon Bailer ____ Disposable Bailer ____ Other: ____

BOREHOLE & WELL CASING VOLUME INFORMATION

Borehole Diameter (Circle):	8"	10"	12"
Borehole Multiplier (BM)(gallons/root):	0.81	1.5	1.95

Casing Diameter (Circle):	2"	4"	6"	12"	18"	24"
Casing Multiplier (CM)(gallons/root):	0.16	0.65	1.47	5.87	13.2	23.5

MONITORING MEASUREMENTS

Depth to Free Product (feet):X

Depth to Water (DTW)(feet):

Total Well Depth (feet):

Water Column (WC)(feet):

Free Product Thickness (feet):X

PURGING CALCULATIONS

Borehole Volumes (BV):

WC _____ x BM _____ = _____ (BV)(gal) x 1.5 BV (gal): _____

Casing Volumes (CV):

WC _____ x CM __0.65__ = _____ (CV)(gal) x 3.0 CV (gal): _____

Free Product Purged (gallons):

PURGING DATA

Time	DTW (ft)	Cum. Vol. Purged (gallons)	Temp (°C)	pH	Electric Conductivity (u or m mhos)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Odor (Yes/No)
	Purging Start Time							
	Dry Well							
		0	*Total Gallons Purged*					
	Purging End Time							

SAMPLING DATA

Time Sampled: | Depth to Water @ Sample Time (DTWs):

Container Types, Volumes, & Quantities	Filtered (yes/no)	Sample Preservatives	Analytical Parameters (cross-out all NOT applicable)
None			

WELL RECOVERY DATA

Maximum Drawdown (DTWm)(feet): | Approximate Flow Rate (GPM):

$$\% \text{ Recovery} = 1 - \frac{(DTW - DTWs)}{(DTW - DTWm)} \times 100$$

Recovery Calculation: $\% \text{ Recovery} = 1 \frac{(\_\_\_ - \_\_\_)}{(\_\_\_ - \_\_\_)} \times 100$

Recovery Type: ____ *Fast* ____ *Slow*

% Recovery = _____

FIELD PERSONNEL

ATC Representative(s): Mike Sperber

Subcontractor:

Signature: _____ Date: 2/18/2005

17

ATC ASSOCIATES INC.

MONITORING WELL PURGING AND SAMPLING LOG

Well No.: **DW-2**

Project Name: Customer Company - Cotati #50 | Project No.: 54.25847.0050

Project Address / City / County: 766 E. Cotati Ave., Cotati, Sonoma County, California

PURGING & SAMPLING INSTRUMENTATION & METHOD

Water Level Meter (Model/ID):

Interface Probe (Model/ID):

Water Quality Meter (Model/ID):

Decontamination Method: 3-stage bucket (wash, tap rinse, DI rinse)

Purging Method: ____ PVC Bailer ____ Vacuum Truck ____ Submersible Pump ____ Other: ____

Sampling Method: ____ Teflon Bailer _X_ Disposable Bailer ____ Other: ____

BOREHOLE & WELL CASING VOLUME INFORMATION

Borehole Diameter (Circle):	8"	10"	12"
Borehole Multiplier (BM)(gallons/root):	0.81	1.5	1.95

Casing Diameter (Circle):	2"	4"	6"	12"	18"	24"
Casing Multiplier (CM)(gallons/root):	0.16	0.65	1.47	5.87	13.2	23.5

MONITORING MEASUREMENTS

Depth to Free Product (feet):X

Depth to Water (DTW)(feet): 10.29

Total Well Depth (feet):

Water Column (WC)(feet):

Free Product Thickness (feet):X

PURGING CALCULATIONS

Borehole Volumes (BV):

WC _____ x BM _____ = _____ (BV)(gal) x 1.5 BV (gal): _____

Casing Volumes (CV):

WC _____ x CM _____ = _____ (CV)(gal) x 3.0 CV (gal): _____

Free Product Purged (gallons):

PURGING DATA

Time	DTW (ft)	Cum. Vol. Purged (gallons)	Temp (°C)	pH	Electric Conductivity (u or m mhos)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Odor (Yes/No)
	Purging Start Time							
			Total Gallons Purged					
	Purging End Time							

SAMPLING DATA

Time Sampled: 1715

Depth to Water @ Sample Time (DTW*s*):

Container Types, Volumes, & Quantities	Filtered (yes/no)	Sample Preservatives	Analytical Parameters (cross-out all NOT applicable)
4 Voas	No	HCl	

WELL RECOVERY DATA

Maximum Drawdown (DTW*m*)(feet):

Approximate Flow Rate (GPM):

$$\% \text{ Recovery} = 1 - \frac{(DTW - DTW_s)}{(DTW - DTW_m)} \times 100$$

Recovery Calculation: % Recovery = 1 (_____ - _____) / (_____ - _____) x 100

Recovery Type: ____ *Fast* ____ *Slow*

% Recovery = _____

FIELD PERSONNEL

ATC Representative(s): Mike Sperber

Subcontractor:

Signature: _____ Date: 2/18/2005

17

ATC ASSOCIATES INC.

MONITORING WELL PURGING AND SAMPLING LOG

Well No.: **RP-Muni**

Project Name: Customer Company - Cotati #50	Project No.: 54.25847.0050
Project Address / City / County: 766 E. Cotati Ave., Cotati, Sonoma County, California	

PURGING & SAMPLING INSTRUMENTATION & METHOD

Water Level Meter (Model/ID):	Interface Probe (Model/ID):
Water Quality Meter (Model/ID):	Decontamination Method: 3-stage bucket (wash, tap rinse, DI rinse)

Purging Method: ____ PVC Bailer ____ Vacuum Truck ____ Submersible Pump ____ Other: ____

Sampling Method: ____ Teflon Bailer ____ Disposable Bailer ____ Other: ____

BOREHOLE & WELL CASING VOLUME INFORMATION

Borehole Diameter (Circle):	8"	10"	12"
Borehole Multiplier (BM)(gallons/root):	0.81	1.5	1.95

Casing Diameter (Circle):	2"	4"	6"	12"	18"	24"
Casing Multiplier (CM)(gallons/root):	0.16	0.65	1.47	5.87	13.2	23.5

MONITORING MEASUREMENTS	PURGING CALCULATIONS
Depth to Free Product (feet):	Borehole Volumes (BV):
Depth to Water (DTW)(feet):	WC ____ x BM ____ = ____ (BV)(gal) x 1.5 BV (gal): ____
Total Well Depth (feet):	Casing Volumes (CV):
Water Column (WC)(feet):	WC ____ x CM ____ = ____ (CV)(gal) x 3.0 CV (gal): ____
Free Product Thickness (feet):	Free Product Purged (gallons):

PURGING DATA

Time	DTW (ft)	Cum. Vol. Purged (gallons)	Temp (°C)	pH	Electric Conductivity (u or m mhos)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Odor (Yes/No)
	Purging Start Time							
	in Accessable							
			Total Gallons Purged					
	Purging End Time							

SAMPLING DATA

Time Sampled:	Depth to Water @ Sample Time (DTW*s*):

Container Types, Volumes, & Quantities	Filtered (yes/no)	Sample Preservatives	Analytical Parameters (cross-out all NOT applicable)
4 Voas	No	HCl	

WELL RECOVERY DATA

Maximum Drawdown (DTW*m*)(feet):	Approximate Flow Rate (GPM):
% Recovery = 1 - (DTW - DTW*s*) / (DTW - DTW*m*) x 100	Recovery Calculation: % Recovery = 1 (____ - ____) / (____ - ____) x 100
Recovery Type: ____ *Fast* ____ *Slow*	% Recovery = ____

FIELD PERSONNEL

ATC Representative(s): Michael Sperber

Subcontractor:

Signature: ____ Date: 2/18/2005

17

Excelchem
Environmental Labs

500 Giuseppe Court, Suite 3
Roseville, CA 95678
Ph: 916-773-3664 Fx: 916-773-4784

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Jeanne Homsey
Phone #: 209 579-2221
Company/Address: ATC Associates INC 1117 Lone Palm Ave Ste D Modesto CA 95351
Fax #: 209-579-2225
Project Number/P.O#: 54 25847 0050
Project Name: Customer #50
Project Location: 766 Cotati AVE Cotati, CA
Sampler Signature:

Electronic Data Deliverables Request: Global ID # T0609700125
Email Address:

ANALYSIS REQUEST

Page 2 of 2

Sample ID	Sampling Date 2005	Sampling Time	Container VOA	Container SLEEVE	Container 1L GLASS	Container PLASTIC	Container SUMMA/TEDLAR	Method Preserved HCl	Method Preserved HNO3	Method Preserved ICE	Method Preserved NONE	Method Preserved	Matrix WATER	Matrix SOIL	Matrix AIR	Matrix	BTEX/TPH as Gasoline (602/8020/8015)	TPH as Diesel (8015m)	TPH as Oil (8015m)	Total Oil & Grease (SM-18th 5520B)/1664	PCBs (8082)	Pesticides (608/8081A)	VOC Full list (8260B)	Methanol (8015M) Ethanol (8260)	MTBE (8020/8260B) circle method	5 Oxygenates (8260B)	Lead Scavengers DCA/EDB (8260B)	Tphg/BTEX/5 Oxygenates (8260B)	Semi VOC Full List (8270C)	CAM 17 Metals (Wet / Total)	Lead (Wet / Total)	Cd, Cr, Pb, Zn, Ni (CAM 5) (Wet / Total)	Nitrate, Nitrite, Ammonia, Kjeldahl	Chloride, Sulfate, Sulfide, ph, conductance				Requested TAT: 12hr/24hr/48hr/72hr/1wk	Bin# / Due Date: / LAB USE ONLY
DW 2	2/17	1715	4					X		X			X													X	X	X										

Relinquished by:	Date	Time	Received by:
[signature]	2/21	900	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	2-21-05	9:00a	S. [signature]

Remarks/Condition of Sample: Send lab data to Modesto
Submit E-Data in Geotracker Format

Bill To: Invoice Modesto Office

Excelchem
Environmental Labs

500 Giuseppe Court, Suite 3
Roseville, CA 95678
Ph: 916-773-3664 Fx: 916-773-4784

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Joanne Hornsby

Phone #: 209-579-2221

Company/Address: ATC & Associates INC
1117 Lone Palm Ave Ste B
Modesto CA 95351

Fax #: 209-579-2225

Electronic Data Deliverables Request: Global ID# T0600170012b

Email Address:

Project Number/P.O#: 54 25847 0050

Project Name: Customer # 50

Project Location: 766 Cotati Ave
Cotati CA

Sampler Signature:

ANALYSIS REQUEST

Sample ID	Sampling Date (2005)	Sampling Time	Container: VOA	SLEEVE	1L GLASS	PLASTIC	SUMMA/TEDLAR	Method Preserved: HCl	HNO3	ICE	NONE	Matrix: WATER	SOIL	AIR
MW-1	2/18	1620	4					X		X		X		
MW-2	2/17	1615												
MW-3	2/17	1630												
DM-1	2/17	1645												
DM-2	2/17	1700	3											
DM-3	2/18	1610												
DM-4	2/18	1550												
DM-5	2/18	1600												
DM-6	2/18	1530												
DM-7	2/18	1400												

Sample ID	BTEX/TPH as Gasoline (602/8020/8015)	TPH as Diesel (8015m)	TPH as Oil (8015m)	Total Oil & Grease (SM-18th 5520B)/1664	PCBs (8082)	Pesticides (608/8081A)	VOC Full list (8260B)	Methanol (8015M) Ethanol (8260)	MTBE (8020/8260B) circle method	5 Oxygenates (8260B)	Lead Scavengers DCA/EDB (8260B)	Tphg/BTEX/5 Oxygenates (8260B)	Semi VOC Full List (8270C)	CAM 17 Metals (Wet / Total)	Lead (Wet / Total)	Cd, Cr, Pb, Zn, Ni (CAM 5) (Wet / Total)	Nitrate, Nitrite, Ammonia, Kjeldahl	Chloride, Sulfate, Sulfide, ph, conductance				Requested TAT: 12hr/24hr/48hr/72hr/1wk	Bin# / Due Date: / LAB USE ONLY
MW-1										X	X	X											
MW-2																							
MW-3																							
DM-1																							
DM-2																							
DM-3																							
DM-4																							
DM-5																							
DM-6																							
DM-7																							

Relinquished by:	Date	Time	Received by:
[signature]	2/18	9:00	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	2/21/05	9:00a	J. Beale

Remarks/Condition of Sample:
Send Lab data to Modesto
Submit E-data in Geotracker format

Bill To: Invoice Modesto Office

Attachment 2

EXCELCHEM
ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678
Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jeanne Homsey
ATC Associates, Inc.
1117 Lone Palm Avenue
Modesto, CA 95351

Project: Customer #50 / 54.25847.0050
Method: EPA 8260B

Date Sampled: 02/17,18/05
Date Received: 02/21/05
Date Analyzed: 02/23/05

Client Sample I.D.	MW-1		MW-2		MW-3		DM-1		DM-2		DM-3	
LAB. NO.	0502073-01		0502073-02		0502073-03		0502073-04		0502073-05		0502073-06	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Gasoline	50	200	50	ND	50	ND	50	ND	50	ND	50	ND
Benzene	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND
Toluene	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND
Ethylbenzene	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND
Total Xylenes	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND
tert-Butanol	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
MTBE	0.5	9.8	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	5.3
Diisopropyl ether	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND
Ethyl tert-butyl ether	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND
tert-Amyl methyl ether	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND
1,2-Dichloroethane	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND
1,2-Dibromoethane	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND
SURROGATE %RECOVERY												
Dibromoflouromethane	103		102		102		95		104		102	
Toluene-d8	100		99		96		99		98		104	
4-Bromofluorobenzene	106		100		101		103		105		98	

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.
R/L = Reporting Limit
Water samples reported in µg/L

Laboratory Representative

02/24/05
Date Reported

EXCELCHEM ENVIRONMENTAL LABS IS CERTIFIED BY THE STATE OF CALIFORNIA
DEPARTMENT OF HEALTH SERVICES AS A HAZARDOUS WASTE TESTING LABORATORY
(Certification No 2119)

EXCELCHEM
ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678
Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Jeanne Homsey
ATC Associates, Inc.
1117 Lone Palm Avenue
Modesto, CA 95351

Project: Customer #50 / 54.25847.0050
Method: EPA 8260B

Date Sampled: 02/17,18/05
Date Received: 02/21/05
Date Analyzed: 02/23/05

Client Sample I.D.	DM-4		DM-5		DM-6		DM-7		DW-2	
LAB. NO.	0502073-07		0502073-08		0502073-09		0502073-10		0502073-11	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
TPH as Gasoline	50	ND	50	ND	50	ND	50	ND	50	ND
Benzene	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND
Toluene	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND
Ethylbenzene	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND
Total Xylenes	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND
tert-Butanol	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0	ND
MTBE	0.5	ND	0.5	6.6	0.5	ND	0.5	ND	0.5	ND
Diisopropyl ether	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND
Ethyl tert-butyl ether	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND
tert-Amyl methyl ether	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND
1,2-Dichloroethane	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND
1,2-Dibromoethane	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND
SURROGATE %RECOVERY										
Dibromoflouromethane	104		101		97		98		99	
Toluene-d8	97		98		87		101		97	
4-Bromofluorobenzene	94		99		100		106		101	

QA/QC %RECOVERY			
	LCS	MS	MSD
1,1-Dichloroethene	104	112	113
Benzene	98	108	100
Trichloroethene	99	114	107
Toluene	97	108	107
Chlorobenzene	101	113	110

QA/QC Analyzed: 02/22/05

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.
R/L = Reporting Limit
Water samples reported in µg/L

Laboratory Representative

02/24/05
Date Reported

EXCELCHEM ENVIRONMENTAL LABS IS CERTIFIED BY THE STATE OF CALIFORNIA
DEPARTMENT OF HEALTH SERVICES AS A HAZARDOUS WASTE TESTING LABORATORY
(Certification No. 2119)

Excelchem
Environmental Labs

500 Giuseppe Court, Suite 3
Roseville, CA 95678
Ph: 916-773-3664 Fx: 916-773-4784

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Joanne Homsey

Phone #: 209-579-2221

Company/Address: ATC Associates INC
1117 Lone Palm Ave Ste B
Modesto CA 95351

Fax #: 209-579-2225

Project Number/P.O#: 54.25847.0050

Project Name: Customer # 50

Project Location: 766 Cotati AVE
Cotati CA

Sampler Signature:

Electronic Data Deliverables Request: Global ID # T0609700126

Email Address: 205018

ANALYSIS REQUEST

Page 1 of 2

Bin# B3A

Due Date: Feb 28

Sample ID	Sampling Date 2005	Sampling Time	Container VOA	SLEEVE	1L GLASS	PLASTIC	SUMMA/TEDLAR	Method Preserved HCl	HNO3	ICE	NONE		Matrix WATER	SOIL	AIR		BTEX/TPH as Gasoline (602/8020/8015)	TPH as Diesel (8015m)	TPH as Oil (8015m)	Total Oil & Grease (SM-18th 5520B)/1664	PCBs (8082)	Pesticides (608/8081A)	VOC Full list (8260B)	Methanol (8015M) Ethanol (8260)	MTBE (8020/8260B) circle method	5 Oxygenates (8260B)	Lead Scavengers DCA/EDB (8260B)	Tphg/BTEX/5 Oxygenates (8260B)	Semi VOC Full List (8270C)	CAM 17 Metals (Wet / Total)	Lead (Wet / Total)	Cd, Cr, Pb, Zn, Ni (CAM 5) (Wet / Total)	Nitrate, Nitrite, Ammonia, Kjeldahl	Chloride, Sulfate, Sulfide, ph, conductance				Requested TAT: 12hr/24hr/48hr/72hr/1wk	LAB USE ONLY:
MW-1	2/18	1620	4					X		X			X													X	X	X											0502073-01
MW-2	2/17	1615																																					0502073-02
MW-3	2/17	1620																																					0502073-03
DM-1	2/17	1645																																					0502073-04
DM-2	2/17	1700	3																																				0502073-05
DM-3	2/18	1610																																					0502073-06
DM-4	2/18	1550																																					0502073-07
DM-5	2/18	1600																																					0502073-08
DM-6	2/18	1530																																					0502073-09
DM-7	2/18	1540																																					0502073-10

Relinquished by:	Date	Time	Received by:
	2/21	9:00	
Relinquished by:			Received by:
Relinquished by:	2-21-05	9:00a	Received by Laboratory: S. Boyle

Remarks/Condition of Sample:
Send Lab data to Modesto
Submit E-data in Geotracker format

Bill To: Invoice Modesto Office

Excelchem
Environmental Labs

500 Giuseppe Court, Suite 3
Roseville, CA 95678
Ph: 916-773-3664 Fx: 916-773-4784

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Joanne Homsey

Phone #: 209-579-2221

Company/Address: ATC Associates INC
1117 Lone Palm Ave Ste D
Modesto CA 95351

Fax #: 209-579-2225

Electronic Data Deliverables Request: Global ID # T0609700128

Email Address: 205018

Project Number/P.O#: 54-25847.0050

Project Name: Customer #50

Project Location: 766 Cotati AVE
Cotati CA

Sampler Signature:

ANALYSIS REQUEST

Page 2 of 2

Sample ID	Sampling Date (20-5)	Sampling Time	Container: VOA	Container: SLEEVE	Container: 1L GLASS	Container: PLASTIC	Container: SUMMA/TEDLAR	Method Preserved: HCl	Method Preserved: HNO3	Method Preserved: ICE	Method Preserved: NONE	Matrix: WATER	Matrix: SOIL	Matrix: AIR	BTEX/TPH as Gasoline (602/8020/8015)	TPH as Diesel (8015m)	TPH as Oil (8015m)	Total Oil & Grease (SM-18th 5520B)/1664	PCBs (8082)	Pesticides (608/8081A)	VOC Full list (8260B)	Methanol (8015M) Ethanol (8260)	MTBE (8020/8260B) circle method	5 Oxygenates (8260B)	Lead Scavengers DCA/EDB (8260B)	Tphg/BTEX/5 Oxygenates (8260B)	Semi VOC Full List (8270C)	CAM 17 Metals (Wet / Total)	Lead (Wet / Total)	Cd, Cr, Pb, Zn, Ni (CAM 5) (Wet / Total)	Nitrate, Nitrite, Ammonia, Kjeldahl	Chloride, Sulfate, Sulfide, ph, conductance				Requested TAT: 12hr/24hr/48hr/72hr/1wk	Bin# B3A / Due Date: FEB 23 / LAB USE ONLY:
DW-2	2/1	1715	H					X		X		X												X	X	X											0502073-11

Relinquished by:	Date	Time	Received by:
	2/21	9:00	
Relinquished by:			Received by:
Relinquished by:	2-21-05	9:00a	Received by Laboratory: S. [illegible]

Remarks/Condition of Sample:
Send lab data to Modesto
Submit E-Data in Geotracker format
DW-2 should be DW-1 per Mike S. 2/21/05 (BB)

Bill To: Invoice Modesto Office

Attachment 3

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:	**Food & Liquor #50 (Cotati) - DTW for 1st Quarter 2005**
Submittal Date/Time:	**4/18/2005 5:28:28 PM**
Confirmation Number:	**7218464493**

Back to Main Menu

Logged in as ATCMGEN (CONTRACTOR) CONTACT SITE ADMINISTRATOR.

Electronic Submittal Information

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

Your EDF file has been successfully uploaded!

Confirmation Number: 5492114305
Date/Time of Submittal: 4/18/2005 5:08:40 PM
Facility Global ID: T0609700126
Facility Name: Food & Liquor #50
Submittal Title: Monitoring Report - 1st Quarter 2005
Submittal Type: GW Monitoring Report

Click here to view the detections report for this upload.

FOOD & LIQUOR #50 766 COTATI AVE E COTATI, CA 94931	Regional Board - Case #: 1TSQ162 NORTH COAST RWQCB (REGION I) - (HAZ) Local Agency (lead agency) - Case #: 00001522 SONOMA COUNTY LOP - (DB)

CONF #	TITLE	QUARTER
5492114305	Monitoring Report - 1st Quarter 2005	Q1 2005

SUBMITTED BY	SUBMIT DATE	STATUS
Jim Kundert	4/18/2005	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	11
# FIELD POINTS WITH DETECTIONS	3
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	1
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	SW8260B
TESTED FOR REQUIRED ANALYTES?	Y
LAB NOTE DATA QUALIFIERS	N

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	N
- 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 is as ATCMGEN (CONTRACTOR) CONTACT SITE ADMINISTRATOR.

Electronic Submittal Information

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

UPLOADING A GEO_XY FILE

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

Submittal Title:	Food & Liquor #50 (Cotati) - XY Survey corrected
Submittal Date/Time:	6/23/2005 9:07:37 AM
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