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May 9, 2008

RECEIVED

2:09 pm, May 15, 2008

Alameda County
Environmental Health

Mr. Jerry Wickham
Alameda County Department of
Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Subject: Fuel Leak Case No. RO0002585, Wente Winery
Site Located at 5565 Tesla Road, Livermore, California

Dear Mr. Wickham:

SOMA's "First Quarter 2008 Groundwater Monitoring Report" for the subject site has been uploaded to the State's GeoTracker database and Alameda County's FTP site for your review.

Thank you for your time in reviewing our report. Please do not hesitate to call me at (925) 734-6400, if you have any questions or comments.

Sincerely,

Mansour Sepehr, Ph.D., PE
Principal Hydrogeologist

cc: Mr. Aris Krimetz w/report enclosure

First Quarter 2008
Groundwater Monitoring Report

Wente Winery
5565 Tesla Road
Livermore, California

May 9, 2008

Project 2841

Prepared for:

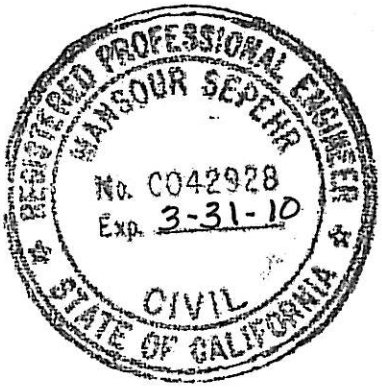
Mr. Aris Krimetz
5565 Tesla Road
Livermore, California

SOMA ENVIRONMENTAL ENGINEERING, INC.
6620 Owens Drive Suite A Pleasanton CA 94588 Ph: 925.734.6400 F: 925.734-6401 www.somaenv.com

CERTIFICATION

SOMA Environmental Engineering, Inc. has prepared this report on behalf of Mr. Aris Krimetz for Wente Winery, located at 5565 Tesla Road, Livermore, California, to comply with requirements of the Alameda County Environmental Health Services and the California Regional Water Quality Control Board for the First Quarter 2008 groundwater monitoring event.

Mansour Sepehr, Ph.D., P.E.
Principal Hydrogeologist



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1. INTRODUCTION

SOMA Environmental Engineering, Inc. (SOMA) has prepared this report on behalf of Mr. Aris Krimetz for Wente Winery, located at 5565 Tesla Road, Livermore, California (Figure 1).

This report summarizes results of the First Quarter 2008 groundwater monitoring event conducted at the site on March 26, 2008, and includes laboratory analysis results for the groundwater samples.

A natural attenuation study was conducted during this monitoring event, to determine whether petroleum hydrocarbons found in the groundwater were biodegrading.

These activities were performed in accordance with general guidelines of the California Regional Water Quality Control Board (CRWQCB) and the Alameda County Environmental Health Services (ACEHS). Appendix A details groundwater monitoring procedures used during this monitoring event.

1.1 Site Description

West of the winery buildings is an enclosed maintenance and agricultural storage area with a former underground storage tank (UST) pit that contained one gasoline and one diesel UST. The USTs were replaced with three aboveground storage tanks (ASTs), with a total capacity of 4,000 gallons. An on-site potable water supply well provides backup potable drinking water and processed water for the winery facility. This water supply well is located south of, and presumably upgradient from, the former UST area.

1.2 Previous Activities and Investigations

1987: Two fuel USTs were removed from the site. There is no information regarding their condition or evidence of leakage. In 1990, ACEHS issued a notice of violation for discharging waste sludge into an open ditch adjacent to a former steam-cleaning bay.

Clayton Environmental Consultants (Clayton) conducted a Phase I Environmental Site Assessment of the maintenance and storage areas that revealed the existence of the former USTs, former waste discharge area, and a number of agricultural storage areas.

2003: Clayton performed a subsurface investigation at the site to implement the recommendations of the Phase I report. As shown in Figure 2, boreholes were advanced near the ASTs and near other recognized environmental concerns. The study indicated that a fuel release in the former UST area impacted the groundwater. In the former steam-cleaning bay, gasoline- and motor-oil–range

petroleum hydrocarbons were detected in the groundwater. Figure 2 shows soil boring locations.

Wente then retained SOMA to review Clayton's report. SOMA subsequently submitted a workplan that included a vicinity well survey, a regional hydrogeologic study, and an additional site characterization. The site characterization included sampling and evaluating water quality of the on-site water supply well, installing monitoring wells, and additional lithologic characterization to better define the shallow/perched water-bearing zone.

May 2005: On May 5, 2005, SOMA oversaw drilling by Woodward Drilling (Woodward) of three monitoring wells, MW-1 through MW-3 (Figure 2). On May 20, 2005, Woodward developed the newly installed wells.

June 24, 2005: SOMA oversaw drilling by Woodward of two confirmatory boreholes, B-9 and B-10. The purpose of this investigation was to confirm the presence of petroleum hydrocarbons in the soil and groundwater next to the former USTs and to evaluate the current soil and groundwater conditions in close proximity to the former steam-cleaning area. Results of this investigation are presented in SOMA's report entitled "Phase I: Soil and Groundwater Investigation, Wente Winery, at 5565 Tesla Road, Livermore, California," dated July 25, 2005.

SOMA's report of November 1, 2007, "Remedial Soil Excavation," presented plans for installation of an additional monitoring well in the area south of the Welding shop. In accordance with the ACEHS request, that well was moved west of the proposed site and a second monitoring well was also installed upgradient of the off-site water supply well (Figure 2).

On March 12, 2008: SOMA oversaw installation of two monitoring wells (MWS-1 and MWS-2) within the Upper WBZ by WDC Exploration & Wells (WDC).

On March 20, 2008: SOMA oversaw development of the newly installed monitoring wells (MWS-1 and MWS-2) by WDC.

1.3 Regional Hydrogeologic Features

The Site is located in the Livermore Valley Groundwater Basin. This basin consists of a structural trough that is an important source of irrigation water for the Livermore Valley. In the western part of the basin up to 40 feet of clay caps these water-bearing sediments. The water-bearing zone is a predominantly permeable unit consisting of sand and gravel in a clayey sand matrix. The potentiometric surface of valley-fill groundwater near the subject site is at approximately 20 to 30 feet below ground surface (bgs).

The groundwater flow in the valley-fill and underlying Livermore Formations is to the northwest/north. The nearby water supply wells west of, and presumably

downgradient from, the Site are potentially exposed to the on-site contaminant plume.

In addition to one on-site well, five wells are located in the properties immediately west of, and presumably downgradient from, the site. North/northeast of, and presumably up/cross-gradient from the site are seven wells within 2,000 feet of the investigation area. Approximately 1,800 feet south of the site is another water supply well. Available records indicate that six of the seven wells located north/northeast, and within 2,000 feet, of the site may be used as drinking water wells.

2. RESULTS

Following are results of field measurements and laboratory analyses for the March 26, 2008 groundwater monitoring event. Based on the ACEHS directive in correspondence of December 11, 2007, sampling has been revised to include newly installed monitoring wells MWS-1 and MWS-2 and supply wells on a quarterly basis and sampling of previously existing on-site monitoring wells (MW-1 through MW-3) has been temporarily discontinued. However, depths to groundwater were measured for wells MW-1 to MW-3. This report details sampling of the supply wells and newly installed monitoring wells MWS-1 and MWS-2.

2.1 Field Measurements

Depths to groundwater were measured for five monitoring wells (MW-1 to MW-3, MWS-1 and MWS-2). Depths to groundwater at the supply wells were not measured because these wells were inaccessible. Existing pumps and caps prevented measurement of the groundwater elevations.

Table 1 presents depths to groundwater and corresponding groundwater elevations for the monitoring wells. Depth to groundwater ranged from 6.34 feet in MW-1 to 8.80 feet in MWS-2. Corresponding groundwater elevations ranged from 605.16 feet in MWS-2 to 610.18 feet in MW-3. Figure 3 displays the groundwater elevation contour map. In general the groundwater flows southwesterly across the site toward well MWS-2, with an average gradient of 0.0153 feet/feet. Refer to Table 1 for historical site-wide groundwater elevation trends.

Field notes in Appendix B show detailed measurements of physical and chemical parameters of the groundwater for each well during this monitoring event. The more positive the redox potential of an electron acceptor, the more energetically favorable is the reaction utilizing that electron acceptor. The most energetically preferred electron acceptor for redox reactions is dissolved oxygen (DO).

Evaluating the distribution of electron acceptors can provide evidence of where, and to what extent, hydrocarbon biodegradation is occurring.

Upon equalization of the surrounding aquifer at the well locations and termination of the purge cycle, DO concentrations ranged from 1.86 mg/L at MWS-1 to 2.42 mg/L at the on-site supply well. Oxygen reduction potential (ORP) showed positive redox potentials in all the tested wells. Positive redox potentials are more energetically favorable in utilizing electron acceptors during chemical reactions. This promotes removal of organic mass from contaminated groundwater by indigenous bacteria in the subsurface during release of the transfer of electrons.

2.2 Sampling of the Supply Wells

SOMA's field personnel extracted groundwater from both the on- and off-site supply wells, using the downhole pump within each well. The off-site supply well is located at 5443 Tesla Road. During purging activities, the groundwater was measured for parameters such as DO, pH, temperature, electrical conductivity (EC), and ORP using a Hanna HI-9828 multi-parameter instrument. Turbidity was measured using a Hanna HI-98703 portable turbidimeter. The equipment was calibrated at the site using standard solutions and procedures provided by the manufacturer.

Approximately 70 gallons of groundwater were purged from each supply well. After the purge cycle was terminated, a groundwater sample was collected from each well. Field measurements taken from each supply well during purging activities are shown in Appendix B.

Based on information supplied by Wente, total depth of the off-site supply well is 125 feet bgs. SOMA is currently obtaining information for the on-site supply well. In 1972, the pump was installed at 100 feet bgs. The water from this well is used solely for irrigation of the vineyards. The letter referencing the off-site supply well and piping diagram of the pump are included in Appendix C.

2.3 Laboratory Analysis

Historical groundwater analysis results are shown in Table 1 for the following: total petroleum hydrocarbons as gasoline (TPH-g), as diesel (TPH-d), and as motor oil (TPH-mo); benzene, toluene, ethylbenzene, and total xylenes (BTEX); and methyl tertiary-butyl ether (MtBE).

During this monitoring event, all TPH-g, TPH-d, BTEX, and MtBE constituents were below the laboratory-reporting limit in all groundwater samples. Based on the ACEHS directive dated December 11, 2007, analysis for TPH-mo is no longer required.

Table 2 shows analytical results for gasoline oxygenates and lead scavengers, all of which were below the laboratory-reporting limit in all groundwater samples.

Table 3 shows historical concentrations of volatile organic compounds (VOCs) in the groundwater. Tetrachloroethene, 1,1,1-trichloroethane, cis-1,2-dichloroethene, trans-1,2-dichloroethene, vinyl chloride, 1,2-dichloropropane, and 1,1-dichloroethene were below the laboratory-reporting limit in all groundwater samples collected during this monitoring event. All other VOCs were below the laboratory-reporting limit in tested wells.

Table 4 shows historical concentrations of metals in the groundwater. Metals concentrations were as follows:

- In the on-site supply well, all cadmium, chromium, lead, nickel, and zinc analytes were below the laboratory-reporting limit.
- In the off-site supply well, cadmium was below the laboratory-reporting limit. Chromium, lead, nickel and zinc were detected at 11.0 µg/L, 4.8 µg/L, 5.6 µg/L and 620 µg/L, respectively.
- In well MWS-1, all cadmium and lead analytes were below the laboratory-reporting limit. Chromium, nickel, and zinc were detected at 9.9 µg/L, 17 µg/L, and 30 µg/L, respectively.
- In well MWS-2, all cadmium, lead, and zinc analytes were below the laboratory-reporting limit. Chromium and nickel were detected at 7.9 µg/L and 22 µg/L, respectively.

Appendix D includes the laboratory report and chain-of-custody documentation for this monitoring event.

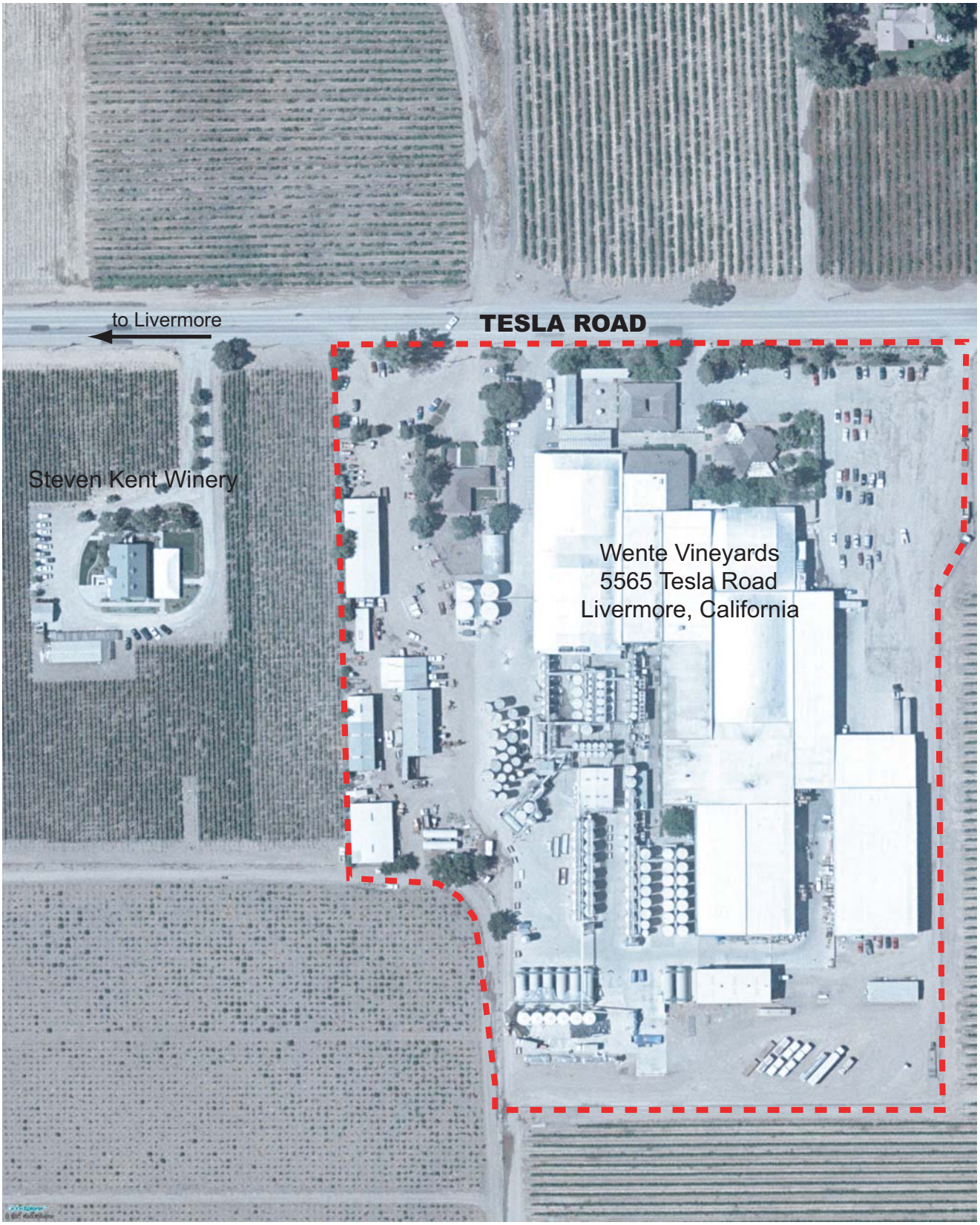
3. CONCLUSIONS AND RECOMMENDATIONS

Results of the First Quarter 2008 groundwater monitoring event are summarized below.

- The groundwater flow direction appears to be southwesterly across the site, at a gradient of 0.0153 feet/feet.
- Based on results of the bioattenuation study, indigenous bacteria have effectively removed organic mass from the impacted groundwater in the subsurface. This is evidenced by the positive redox potentials observed in the water supply wells.
- All tested analytes were below the laboratory-reporting limit in the on-site water supply well. Chromium, lead, nickel, and zinc were detected in off-site supply well. Chromium and nickel were detected in both monitoring wells, and zinc was detected in MWS-1.

- Based on CRWQCB Environmental Screening Levels (ESLs) for groundwater used as a drinking water source, the allowable chromium, lead, nickel and zinc concentrations in groundwater are 50, 15, 100 and 5000 µg/L, respectively. Comparison of ESL values with concentrations of chromium, lead, nickel and zinc in the off-site water supply well and tested monitoring wells indicates that all metal concentrations are well below the applicable water quality criteria.
- In the past, chlorinated solvents including chloromethane and chloroethane were detected in the groundwater. During the last several monitoring events, no chlorinated solvents were detected.
- Based on the previous detection of tetrahydrofuran in the off-site supply well, on August 23, 2006 the ACEHS requested that analysis of this compound be continued. No tetrahydrofuran was detected during this monitoring event or the several previous quarterly sampling events.
- Due non-detectable nature of chemicals of concern SOMA recommends no further action (NFA) status to be adopted by the ACEHS for the site.

FIGURES



N

approximate scale in feet

0 140 280

Figure 1: Site vicinity map.

SOMA
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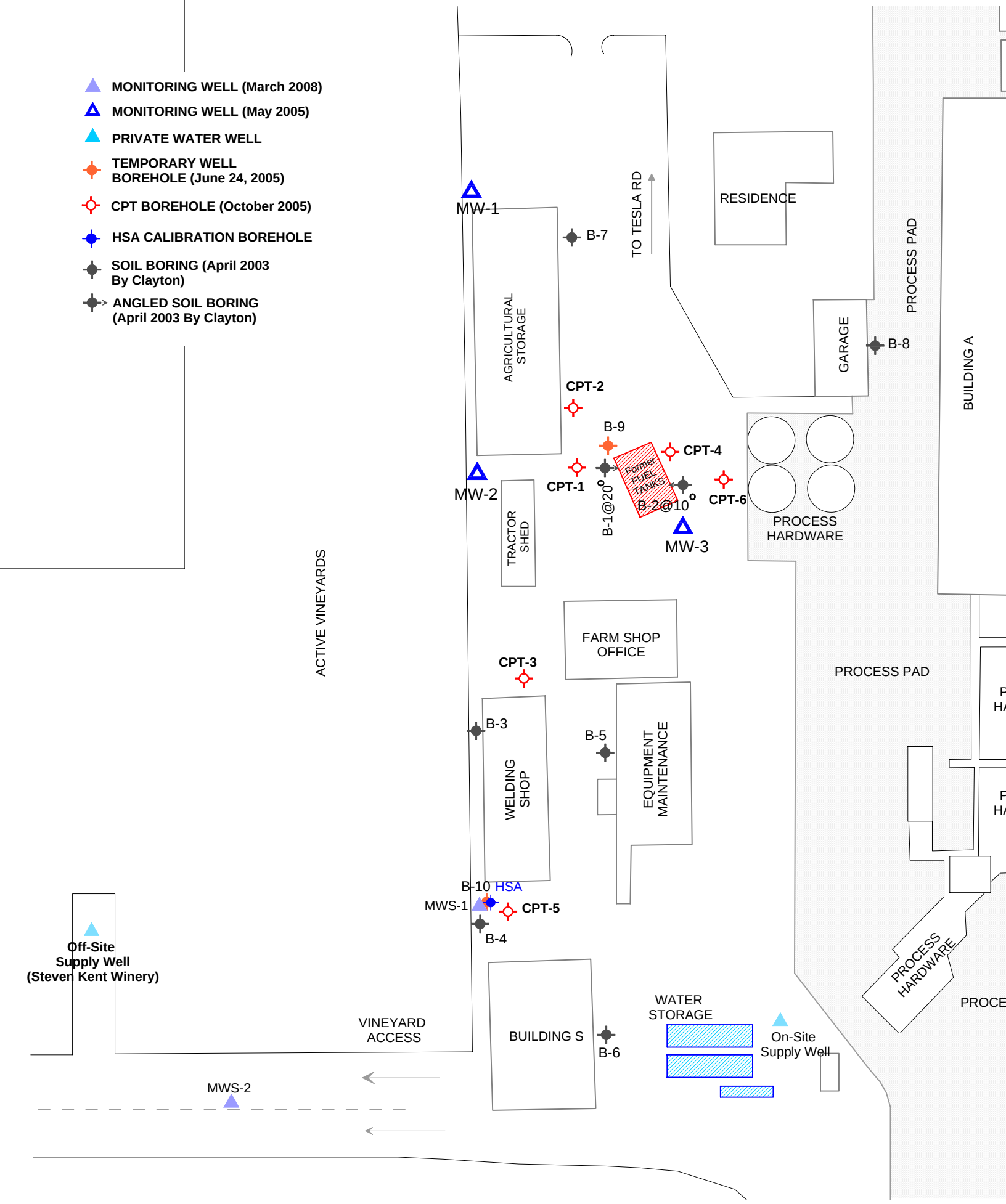

Figure 2: Map showing locations of newly installed wells, temporary well boreholes, and previous soil borings installed by Clayton group.

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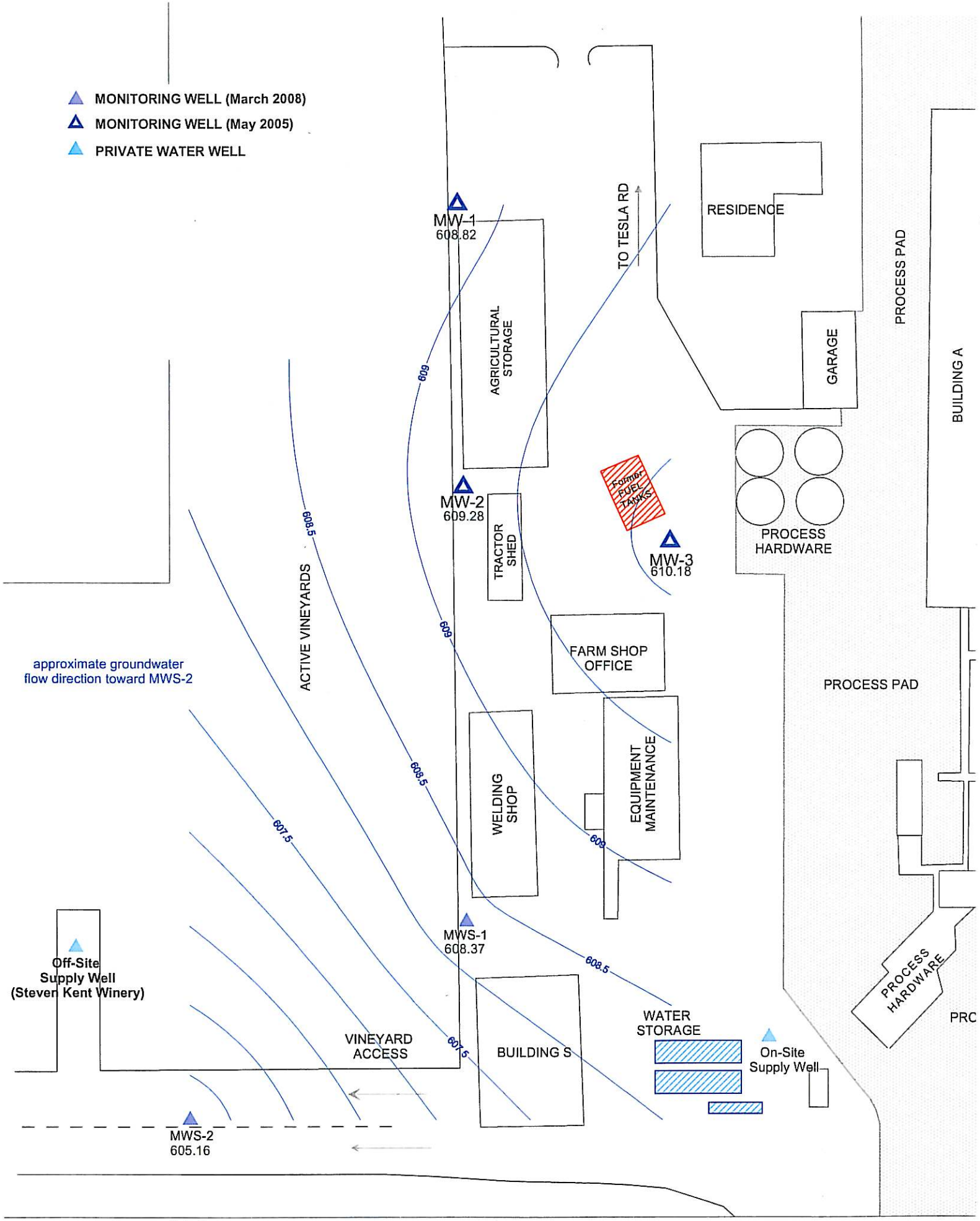

Figure 3: Groundwater elevation contour map in feet. March 26, 2008.

TABLES

Table 1
Historical Groundwater Elevation Data & Analytical Results
Hydrocarbons, BTEX, & MtBE
Wente Vineyards
5565 Tesla Road, Livermore, California

Monitoring Well	Date	Top of Casing (feet)	Depth to Groundwater (feet)	Groundwater Elevation (feet)	TPH-g (µg/L)	TPH-d (µg/L)	TPH-mo (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (µg/L)
MW-1	5/20/2005	615.16	6.10	609.06	<200	<50	320 YZ	<0.5	<0.5	<0.5	<1.0	<0.5
	9/13/2005	615.16	9.19	605.97	<50	<50	<300	<0.5	<2.0	<0.5	<1.0	<0.5
	11/28/2005	615.16	8.90	606.26	<50	150 YZ	<300	<0.5	<2.0	<0.5	<1.0	<0.5
	2/13/2006	615.16	6.29	608.87	<50	<50	<250	<0.5	<2.0	<0.5	<1.0	<0.5
	5/5/2006	615.16	5.23	609.93	<50	70 HY	<300	<0.5	<0.5	<0.5	<0.5	<0.5
	8/15/2006	615.16	7.54	607.62	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5
	11/2/2006	615.16	8.97	606.19	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5
	1/30/2007	615.16	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA
	3/26/2008	**615.16**	**6.34**	**608.82**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
MW-2	5/20/2005	616.03	6.69	609.34	<200	<50	<300	<0.5	<0.5	<0.5	<1.0	<0.5
	9/13/2005	616.03	9.30	606.73	<50	<50	<300	<0.5	<2.0	<0.5	<1.0	<0.5
	11/28/2005	616.03	9.20	606.83	<50	<50	<300	<0.5	<2.0	<0.5	<1.0	<0.5
	2/13/2006	616.03	6.52	609.51	<50	76.5 D35	657 D06	<0.5	<2.0	<0.5	<1.0	<0.5
	5/5/2006	616.03	5.58	610.45	<50	50 HY	<300	<0.5	<0.5	<0.5	<0.5	<0.5
	8/15/2006	616.03	8.09	607.94	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5
	11/2/2006	616.03	9.00	607.03	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5
	1/30/2007	616.03	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA
	3/26/2008	**616.03**	**6.75**	**609.28**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
MW-3	5/20/2005	617.32	7.04	610.28	<200	680	<300	<0.5	1.58	<0.5	<1.0	<0.5
	9/13/2005	617.32	9.61	607.71	<50	300 Y	<300	<0.5	<2.0	<0.5	<1.0	<0.5
	11/28/2005	617.32	9.60	607.72	<50	150 YZ	<300	<0.5	<2.0	<0.5	<1.0	<0.5

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MW-3 cont	2/13/2006	617.32	7.06	610.26	<50	<50	322 D06	<0.5	<2.0	<0.5	<1.0	<0.5
	5/5/2006	617.32	5.94	611.38	<50	61 HY	<300	<0.5	<0.5	<0.5	<0.5	<0.5
	8/15/2006	617.32	8.53	608.79	<50	76 HY	<300	<0.5	<0.5	<0.5	<0.5	<0.5
	11/2/2006	617.32	9.39	607.93	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5
	1/30/2007	617.32	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA
	3/26/2008	**617.32**	**7.14**	**610.18**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
MWS-1	**3/26/2008**	**616.86**	**8.49**	**608.37**	**<50**	**<50**	**NA**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
MWS-2	**3/26/2008**	**613.96**	**8.80**	**605.16**	**<50**	**<50**	**NA**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
B-9	6/24/2005	NA	NA	NA	1,850,000	540,000 LY	<24,000	3,820	114,000	40,400	177,700	<462
B-10	6/24/2005	NA	NA	NA	<200	<50	<300	<0.5	4.23	1.10	4.03	<0.5
Onsite Supply Well	5/20/2005	NS	NM	NC	<200	<50	<300	<0.5	0.85	<0.5	<1.0	<0.5
	11/28/2005	NS	NM	NC	<50	100 YZ	<300	<0.5	<2.0	<0.5	<1.0	<0.5
	2/13/2006	NS	NM	NC	<50	91.8	<250	<0.5	<2.0	<0.5	<1.0	<0.5
	5/5/2006	NS	NM	NC	<50	52 Y	<300	<0.5	<0.5	<0.5	<0.5	<0.5
	8/15/2006	NS	NM	NC	<50	95 YZ	<300	<0.5	<0.5	<0.5	<0.5	<0.5
	11/2/2006	NS	NM	NC	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5
	1/30/2007	NS	NM	NC	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5
	4/30/2007	NS	NM	NC	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5
	8/8/2007	NS	NM	NC	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5
	10/29/2007	NS	NM	NC	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5
	3/26/2008	**NS**	**NM**	**NC**	**<50**	**<50**	**NA**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**

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Monitoring Well	Date	Top of Casing (feet)	Depth to Groundwater (feet)	Groundwater Elevation (feet)	TPH-g (µg/L)	TPH-d (µg/L)	TPH-mo (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (µg/L)
Offsite Supply Well	5/20/2005	NS	NM	NC	<200	<50	<300	0.77	1.08	<0.5	<1.0	<0.5
	11/28/2005	NS	NM	NC	<5,380	120 YZ	<300	<53.8	<215	<53.8	<108	<53.8
	1/16/2006	NS	9.65	NC	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5
	2/13/2006	NS	NM	NC	<50	<50	<250	<0.5	<2.0	<0.5	<1.0	<0.5
	5/5/2006	NS	NM	NC	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5
	8/15/2006	NS	NM	NC	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5
	11/2/2006	NS	NM	NC	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5
	1/30/2007	NS	NM	NC	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5
	4/30/2007	NS	NM	NC	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5
Offsite Supply Well cont.	8/8/2007	NS	NM	NC	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5
	10/29/2007	NS	NM	NC	<50	<50	<300	<0.5	<0.5	<0.5	<0.5	<0.5
	3/26/2008	**NS**	**NM**	**NC**	**<50**	**<50**	**NA**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**

Table 1
Historical Groundwater Elevation Data & Analytical Results
Hydrocarbons, BTEX, & MtBE
Wente Vineyards
5565 Tesla Road, Livermore, California

Monitoring Well	Date	Top of Casing (feet)	Depth to Groundwater (feet)	Groundwater Elevation (feet)	TPH-g (µg/L)	TPH-d (µg/L)	TPH-mo (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (µg/L)

Notes:

1) The wells were installed on May 5, 2005 and developed by Woodward Drilling on May 20, 2005.
2) A grab sample was collected after the well development on May 20, 2005.
3) A grab sample was also collected from the water well, southeast of the water stoarge units on May 20, 2005.
4) The wells were surveyed by Harrington Surveys of Walnut Creek, CA on June 5, 2005.
5) A grab sample was collected from the borings on June 24, 2005.
6) The groundwater elevation for the May 2005 sampling was based on the survey data of Harrington Surveys.
7) The supply wells were first added to the quarterly events in the Fourth Quarter 2005.
   The off-site water supply well was re-sampled on January 16, 2006, based on the directive of Alameda County Environmental Health Dpt.
   Tetrahydrofuran was detected at 19,700 ug/L and chloroethane was detected at 380 ug/L during the 4Q05 Monitoring Event.
8) Wells MWS-1 and MWS-2 were installed on February 8, 2008 and were developed on February 13, 2008 by Gregg Drilling.

NA: Not Applicable. B-9 and B-10 are boring locations and are not surveyed.
NC: Not calculated.
NM: Not Measured
NS: Not surveyed. The onsite well is a private well.
TPH-d: Total hydrocarbons as diesel
TPH-g: Total hydrocarbons as gasoline
TPH-mo: Total hydrocarbons as motor oil
H: Heavier hydrocarbons contributed to the quanitation
L: Lighter weight hydrocarbons contributed to the quanitation
Y: Sample exhibits chromatographic pattern which does not resemble standard
Z: Sample exhibits unknown single peaks or peaks.
<: Not Detected above the laboratory reporting limit.
D35: Sample does not display fuel pattern. Sample contains several discrete peaks. (1Q06 diesel)
D06: Sample chromatographic pattern does not resemble fuel standard used for quantitation. (1Q06, motor oil)
As of the First Quarter 2007, supply wells are to be analyzed on a quarterly basis and sampling of monitoring wells is temporarily discontinued.

Table 2
Historical Groundwater Analytical Results
Gasoline Oxygenates & Lead Scavengers
Wente Vineyards
5565 Tesla Road, Livermore, California

Monitoring Well	Date	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
MW-1	9/13/2005	<2.5	<0.5	<0.5	<2.0	<0.5	<2.0
	2/13/2006	<2.5	<0.5	<0.5	<2.0	<0.5	<2.0
	5/5/2006	<10	<0.5	<0.5	<0.5	<0.5	<0.5
	8/15/2006	<10	<0.5	<0.5	<0.5	<0.5	<0.5
	11/2/2006	<10	<0.5	<0.5	<0.5	<0.5	<0.5
	1/30/2007	NA	NA	NA	NA	NA	NA
MW-2	9/13/2005	<2.5	<0.5	<0.5	<2.0	<0.5	<2.0
	2/13/2006	<2.5	<0.5	<0.5	<2.0	<0.5	<2.0
	5/5/2006	<10	<0.5	<0.5	<0.5	<0.5	<0.5
	8/15/2006	<10	<0.5	<0.5	<0.5	<0.5	<0.5
	11/2/2006	<10	<0.5	<0.5	<0.5	<0.5	<0.5
	1/30/2007	NA	NA	NA	NA	NA	NA

Table 2
Historical Groundwater Analytical Results
Gasoline Oxygenates & Lead Scavengers
Wente Vineyards
5565 Tesla Road, Livermore, California

Monitoring Well	Date	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
MW-3	9/13/2005	<2.5	<0.5	<0.5	<2.0	<0.5	<2.0
	2/13/2006	<2.5	<0.5	<0.5	<2.0	<0.5	<2.0
	5/5/2006	<10	<0.5	<0.5	<0.5	<0.5	<0.5
	8/15/2006	<10	<0.5	<0.5	<0.5	<0.5	<0.5
	11/2/2006	<10	<0.5	<0.5	<0.5	<0.5	<0.5
	1/30/2007	NA	NA	NA	NA	NA	NA
MWS-1	**3/26/2008**	**<10**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
MWS-2	**3/26/2008**	**<10**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
Onsite Supply Well	11/28/2005	<2.5	<0.5	<0.5	<2.0	<0.5	<2.0
	2/13/2006	<2.5	<0.5	<0.5	<2.0	<0.5	<2.0
	5/5/2006	<10	<0.5	<0.5	<0.5	<0.5	<0.5
	8/15/2006	<10	<0.5	<0.5	<0.5	<0.5	<0.5
	11/2/2006	<10	<0.5	<0.5	<0.5	<0.5	<0.5
	1/30/2007	<10	<0.5	<0.5	<0.5	<0.5	<0.5
	4/30/2007	<10	<0.5	<0.5	<0.5	<0.5	<0.5
	8/8/2007	<10	<0.5	<0.5	<0.5	<0.5	<0.5
	10/29/2007	<10	<0.5	<0.5	<0.5	<0.5	<0.5
	3/26/2008	**<10**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**

Table 2
Historical Groundwater Analytical Results
Gasoline Oxygenates & Lead Scavengers
Wente Vineyards
5565 Tesla Road, Livermore, California

Monitoring Well	Date	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
Offsite Supply Well	11/28/2005	<269	<53.8	<53.8	<215	<53.8	<215
	1/16/2006	<10	<0.5	<0.5	<0.5	<0.5	<0.5
	2/13/2006	<2.5	<0.5	<0.5	<2.0	<0.5	<2.0
	5/5/2006	<10	<0.5	<0.5	<0.5	<0.5	<0.5
	8/15/2006	<10	<0.5	<0.5	<0.5	<0.5	<0.5
	11/2/2006	<10	<0.5	<0.5	<0.5	<0.5	<0.5
	1/30/2007	<10	<0.5	<0.5	<0.5	<0.5	<0.5
	4/30/2007	<10	<0.5	<0.5	<0.5	<0.5	<0.5
	8/8/2007	<10	<0.5	<0.5	<0.5	<0.5	<0.5
	10/29/2007	<10	<0.5	<0.5	<0.5	<0.5	<0.5
	3/26/2008	**<10**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**

Table 2
Historical Groundwater Analytical Results
Gasoline Oxygenates & Lead Scavengers
Wente Vineyards
5565 Tesla Road, Livermore, California

Monitoring Well	Date	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)

Notes:
1) A grab sample was collected after well development on May 20, 2005.
2) The supply wells were first added to the quarterly events in the Fourth Quarter 2005. The off-site water supply well was re-sampled on January 16, 2006, based on the directive of Alameda County Environmental Health Dpt. Tetrahydrofuran was detected at 19,700 ug/L and chloroethane was detected at 380 ug/L during the 4Q05 Monitoring Event.

<: Not Detected above the laboratory reporting limit.
As of the First Quarter 2007, supply wells are to be analyzed on a quarterly basis and sampling of monitoring wells is temporarily discontinued.

Gasoline Oxygenates:
TBA: tertiary Butyl Alcohol
DIPE: Di-Isopropyl Ether
ETBE: Ethyl tertiary Butyl Ether
TAME: Methyl tertiary Amyl Ether

Lead Scavengers:
EDB: 1,2-Dibromoethane
1,2-DCA: 1,2-Dichloroethane

Table 3
Historical Analytical Results For Volatile Organic Compound Analyses in Groundwater Samples
Wente Vineyards
5565 Tesla Road, Livermore, California

Monitoring Well	Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	Vinyl Chloride (µg/L)	1,2-DCP (µg/L)	1,1-DCE (µg/L)
MW-1	9/13/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	2/13/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	5/5/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	8/15/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/2/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	1/30/2007	NA	NA	NA	NA	NA	NA	NA
MW-2	9/13/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	2/13/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	5/5/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	8/15/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/2/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	1/30/2007	NA	NA	NA	NA	NA	NA	NA
MW-3	9/13/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	2/13/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	5/5/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	8/15/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/2/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	1/30/2007	NA	NA	NA	NA	NA	NA	NA
MWS-1	**3/26/2008**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
MWS-2	**3/26/2008**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**

Table 3
Historical Analytical Results For Volatile Organic Compound Analyses in Groundwater Samples
Wente Vineyards
5565 Tesla Road, Livermore, California

Monitoring Well	Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	Vinyl Chloride (µg/L)	1,2-DCP (µg/L)	1,1-DCE (µg/L)
Onsite Supply Well	11/28/2005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	2/13/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	5/5/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	8/15/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/2/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	1/30/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	4/30/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	8/8/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	10/29/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/26/2008	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
Offsite Supply Well	11/28/2005	<53.8	<53.8	<53.8	<53.8	<53.8	<53.8	<53.8
	1/16/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	2/13/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	5/5/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	8/15/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/2/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	1/30/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	4/30/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	8/8/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	10/29/2007	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/26/2008	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**

Table 3
Historical Analytical Results For Volatile Organic Compound Analyses in Groundwater Samples
Wente Vineyards
5565 Tesla Road, Livermore, California

Monitoring Well	Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	Vinyl Chloride (µg/L)	1,2-DCP (µg/L)	1,1-DCE (µg/L)

Notes:

1) A grab sample was collected after well development on May 20, 2005. However, the first time volatile organic compounds (VOCs) were analyzed was during the Third Quarter 2005 monitoring event.
2) The supply wells were first added to the quarterly events in the Fourth Quarter 2005. The off-site water supply well was re-sampled on January 16, 2006, based on the directive of Alameda County Environmental Health Dpt.Tetrahydrofuran was detected at 19,700 ug/L and chloroethane was detected at 380 ug/L during the 4Q05 Monitoring Event.

<: Not detected above the laboratory reporting limit.

As of the First Quarter 2007, supply wells are to be analyzed on a quarterly basis and monitoring wells are analyzed semi-annually.

Volatile organic compounds (VOCs)

PCE: tetrachloroethene
TCE: 1,1,1-trichloroethane
cis-1,2-DCE: cis-1,2-dichloroethene
trans-1,2-DCE: trans-1,2-dichloroethene
vinyl chloride
1,2-DCP: 1,2-dichloropropane
1,1-DCE: 1,1-dichloroethene

Table 4
Historical Groundwater Analytical Results
Metals
Wente Vineyards
5565 Tesla Road, Livermore, California

Monitoring Well	Date	Cadmium (µg/L)	Chromium (µg/L)	Lead (µg/L)	Nickel (µg/L)	Zinc (µg/L)
MW-1	9/13/2005	<5.0	<10	<3.0	<20	27
MW-2	9/13/2005	<5.0	<10	<3.0	<20	23
MW-3	9/13/2005	<5.0	<10	<3.0	<20	<20
MWS-1	**3/26/2008**	**<5.0**	**9.9**	**<3.0**	**17**	**30**
MWS-2	**3/26/2008**	**<5.0**	**7.9**	**<3.0**	**22**	**<20**
B-10	6/24/2005	12	930	82	3,600	800
Onsite Supply Well	11/28/2005	<5.0	<10	<3.0	<20	62
	2/13/2006	<5.0	<10	<3.0	<20	<20
	5/5/2006	<5.0	<10	26	<20	<20
	8/15/2006	<5.0	<10	<3.0	34	60
	11/2/2006	<5.0	<10	<3.0	<20	<20
	1/30/2007	<1.0	2.30	<1.0	1.9	31
	4/30/2007	<5.0	<5.0	<3.0	<5.0	<20
	8/8/2007	<5.0	<5.0	<3.0	<5.0	610
	10/29/2007	<5.0	<5.0	<3.4	<5.0	24
	3/26/2008	**<5.0**	**<5.0**	**<3.0**	**<5.0**	**<20**

Table 4
Historical Groundwater Analytical Results
Metals
Wente Vineyards
5565 Tesla Road, Livermore, California

Monitoring Well	Date	Cadmium (µg/L)	Chromium (µg/L)	Lead (µg/L)	Nickel (µg/L)	Zinc (µg/L)
Offsite Supply Well	11/28/2005	<5.0	<10	<3.0	<20	830
	1/16/2006	<5.0	<10	8.30	<20	650
	2/13/2006	<5.0	15	<3.0	<20	1700
	5/5/2006	<5.0	<10	26	<20	750
	8/15/2006	<5.0	<10	<3.0	<20	1,200
	11/2/2006	<5.0	<10	<3.0	<20	1,300
	1/30/2007	<1.0	<1.0	<1.0	4.0	7,200
	4/30/2007	<5.0	<5.0	<3.0	<5.0	720
	8/8/2007	<5.0	<5.0	3	<5.0	570
	10/29/2007	<5.0	8.7	<3.4	7.8	710
	3/26/2008	**<5.0**	**11.0**	**4.8**	**5.6**	**620**

Notes:
1) Metals were tested at boring B-10 on June 24, 2005.
2) Due to the results from B-10, the Alameda County Environmental Health Services requested that SOMA further analyze the wells for metals in a letter dated Sept. 19, 2005. SOMA collected grab samples from the wells on September 29, 2005.
3) The only time metals were tested in wells MW-1 to MW-3 was in the Third Quarter 2005.
4) The supply wells were first added to the quarterly events in the Fourth Quarter 2005. The off-site water supply well was re-sampled on January 16, 2006, based on the directive of Alameda County Environmental Health Dpt.Tetrahydrofuran was detected at 19,700 ug/L and chloroethane was detected at 380 ug/L during the 4Q05 Monitoring Event.

<: Not Detected above the laboratory reporting limit.

APPENDIX A

Standard Operating Procedures for Conducting Groundwater Monitoring Activities

Field Activities

On March 26, 2008, SOMA's field crew conducted a groundwater monitoring event in accordance with procedures and guidelines of the Alameda County Environmental Health Services and the California Regional Water Quality Control Board. Figure 2 shows the well locations.

Water Level Measurements

On March 26, 2008, field measurements and grab groundwater samples were collected from two monitoring wells (MWS-1 and MWS-2), an on-site and an off-site supply well. Depths to groundwater were also measured for three monitoring wells MW-1 through MW-3.

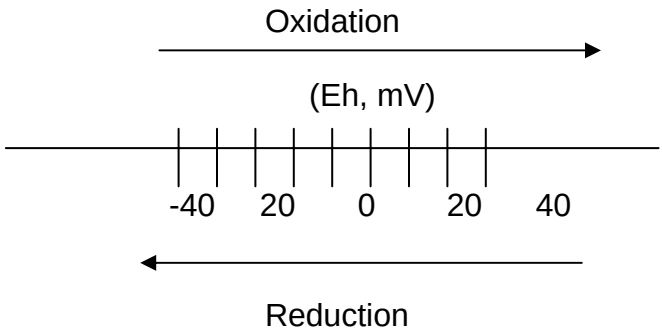
Prior to sample collection, each supply well was purged using an active downhole pump within each well. The monitoring wells were purged using a battery operated 2-inch diameter pump (Model ES-60 DC). During the purging activities, the groundwater was measured for parameters such as DO, pH, temperature, EC, and the ORP using a Hanna HI-9828 multi-parameter instrument. Turbidity was measured using a Hanna HI-98703 portable turbidimeter. The equipment was calibrated at the Site using standard solutions and procedures provided by the manufacturer. At the supply wells, groundwater was extracted using an active pump within the well.

The pH of groundwater has an effect on the activity of microbial populations in the groundwater. The groundwater temperature affects the metabolic activity of bacteria. The groundwater conductivity (EC) is directly related to the concentration of ions in solution.

There is a strong correlation between the turbidity level and the biological oxygen demand of natural water bodies. The main purpose for checking the turbidity level is to provide a general overview of the extent of the suspended solids in the groundwater.

ORP is the measure of the potential for an oxidation or reduction process to occur. In the oxidation process a molecule or ion loses one or several electrons. In the reduction process a molecule or ion gains one or several electrons. The unit of the redox potential is the volt or m-volt. The most important redox reaction in petroleum contaminated groundwater is the oxidation of petroleum hydrocarbons in the presence of bacteria and free molecular oxygen. Because the solubility of O_2 in water is low (9 mg/L at 25 ^{o}C and 11 mg/L at 5 ^{o}C), and because the rate of O_2 replenishment in subsurface environments is limited, DO can be entirely consumed when the oxidation of only a small amount of petroleum hydrocarbons occurs.

Oxidation of petroleum hydrocarbons can still occur when all the dissolved O_2 in the groundwater is consumed; however, the oxidizing agents (i.e., the constituents that undergo reduction) now become NO^-_3, MnO_2, Fe $(OH)_3$, SO_4^{2-} and others (Freeze and Cherry, 1979). As these oxidizing agents are consumed, the groundwater environment becomes more and more reduced. If the process advances far enough, the environment may become so strongly reduced that the petroleum hydrocarbons undergo anaerobic degradation, resulting in the production of methane and carbon dioxide. The concept of oxidation and reduction in terms of changes in oxidation states is illustrated below.



The purging of the wells continued until the parameters for DO, pH, temperature, EC, turbidity, and redox stabilized, or three casing volumes were purged.

Sampling

On March 26, 2008, for sampling purposes, after purging the groundwater samples from the supply wells were collected using the active downhole pumps. A disposable polyethylene bailer was used to collect sufficient samples from each monitoring well for laboratory analyses

The groundwater samples were transferred to four 40-mL VOA vials and preserved with hydrochloric acid. The vials were then sealed to prevent the development of air bubbles within the headspace. The groundwater sample was also transferred into a 1-L non-preserved amber glass container. The groundwater samples were further transferred into two 250-mL poly containers. All groundwater samples were placed in an ice chest along with a COC form. On March 28, 2008, SOMA's field crew delivered the groundwater samples to Curtis & Tompkins in Berkeley, California.

Laboratory Analysis

Curtis & Tompkins, Ltd., a California state-certified laboratory, analyzed groundwater samples for TPH-g, TPH-d, BTEX, MtBE, gasoline oxygenates, lead scavengers, VOCs, and metals.

EPA Method 5030B was used to prepare the samples for TPH-g, BTEX, MtBE, gasoline oxygenates, lead scavengers, and VOCs, which were analyzed using

EPA Method 8260B. EPA Method 3520C was used to prepare the samples for TPH-d, which was analyzed using Method 8015B.

Metals, which included cadmium, chromium, lead, nickel, and zinc were prepared using EPA Method 3010A and analyzed using EPA Method 6010B and 7470A.

APPENDIX B

Table of Elevations and Coordinates for Monitoring Wells Surveyed by Harrington Survey Inc.
and
Field Measurements of Physical, Chemical, and Biodegradation Parameters of the Groundwater Samples at Time of Sampling

GUIDA SURVEYING INC.

SURVEY REPORT
5565 Tesla Road, Livermore, CA.
GSI JN: 02-08-108

THE ATTACHED GEODETIC COORDINATES WERE ESTABLISHED FROM A GPS FIELD SURVEY UNDER MY DIRECT SUPERVISION.

COORDINATES SHOWN HEREON ARE GEODETIC DECIMAL DEGREE NAD 83 VALUES.

ELEVATIONS SHOWN HEREON ARE NAVD 88 BASED UPON THE NATIONAL GEODETIC SURVEY BENCHMARK DESIGNATION 'A-210 RESET' HAVING AN ELEVATION OF 125.228 FEET.

DATE OF SURVEY: April 1, 2008

4-4-08

Ralph W. Guida IV, PLS 7076
MY LICENSE EXPIRES 12/31/08

LICENSED LAND SURVEYOR
RALPH W. GUIDA, IV
P.L.S. 7076
Expires 12-31-08
STATE OF CALIFORNIA

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GUIDA
SURVEYING INC.

DATE: 4/04/2008
JOB NUMBER 0208108
DATE OF SURVEY 4/01/08
INSTRUMENT LIECA SR520

TABLE OF ELEVATIONS & COORDINATES
ON MONITORING WELLS
SOMA ENVIRONMENTAL, PROJECT - 5565 TESLA ROAD, LIVERMORE, CA

WELL ID#	NORTHING (ft.) LATITUDE	EASTING (ft.) LONGITUDE	ELEVATION (ft.)	DESCRIPTION
MWS-1	2066407.83	6206468.10	616.86	NOTCH NORTH SIDE
	37.663558155	121.727163920	617.07	RIM NORTH SIDE
	37° 39' 48.8" N	121° 43' 37" W	616.99	GROUND NORTH SIDE
MWS-2	2,066,310.08	6,206,333.74	613.96	NOTCH NORTH SIDE
	37.663284879	121.727623630	614.29	RIM NORTH SIDE
	37° 39' 47.8" N	121° 43' 39" W	614.27	GROUND NORTH SIDE

HORIZONTAL AND VERTICAL CONTROL BASED ON HARRINGTON SURVEY DATED 6-03-2006

CALIFORNIA HPGN MONUMENT 04 FL, CALIFORNIA COORDINATE SYSTEM, ZONE 3. NAD 83.
NORTH 2,085,087.52' - EAST 6,213,127.18' ELEVATION 566.57, NAVD 88.

CALIFORNIA HPGN MONUMENT 04 FK, CALIFORNIA COORDINATE SYSTEM, ZONE 3. NAD 83.
NORTH 2,055,8426.44' - EAST 6,189,298.07' ELEVATION 637.80', NAVD 88.

LICENSED LAND SURVEYOR
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Expires 12-31-08
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T (925) 404-0500 • F (925) 404-0505
gsisfba@guidasurveying.com

SAN DIEGO AREA:
145 Vallecitos de Oro, Suite L&M
San Marcos, CA 92069
T (760) 759-2200 • F (760) 759-2219
gsisd@guidasurveying.com

PALM DESERT AREA:
79-440 Corporate Center Dr., Suite 114
La Quinta, CA 92253
T (760) 393-5353 • F (760) 393-5357
gsipd@guidasurveying.com

PHOENIX AREA:
5016 S. Ash Ave., Suites 101 & 102
Tempe, AZ 85282
T (480) 889-2232 • F (480) 775-6323
gsiaz@guidasurveying.com

Harrington Surveys Inc.

Land Surveying & Mapping

2278 Larkey Lane, Walnut Creek, Ca. 94597 Phone (925)935-7228 Fax (925)935-5118
Cell (925)788-7359 E-Mail (ben5132@pacbell.net)

SOMA ENVIRONMENTAL ENGINEERING
2680 BISHOP DR. # 203
SAN RAMON, CA. 94583

JUNE 05, 2005

ATTN: ELENA

5565 TESLA ROAD,
LIVERMORE CA.

SURVEY REPORT

CONTROLING POINTS FOR SURVEY:

CALIFORNIA HPGN MONUMENT 04 FL, CALIFORNIA COORDINATE SYSTEM, ZONE 3. NAD 83. NORTH 2,085,087.52 - EAST 6,213,127.18, LAT. N37°42'56.31172" W121°42'18.00018".
ELEVATION 566.57, NAVD 88,

CALIFORNIA HPGN MONUMENT 04 FK, CALIFORNIA COORDINATE SYSTEM, ZONE 3. NORTH 2,055,842.44 - EAST 6,189,298.07, LAT N37°38'02.07933", W121°47'09.51080"
ELEVATION 637.80NAVD 88,

INSTRUMENTATION:
TRIMBLE GPS, MODEL 5800 AND LEICA TCA 1800, 1" HORZ. & VERT.
OBSERVATION: EPOCH = 180.

FIELD SURVEY: JUNE 03, 2005.

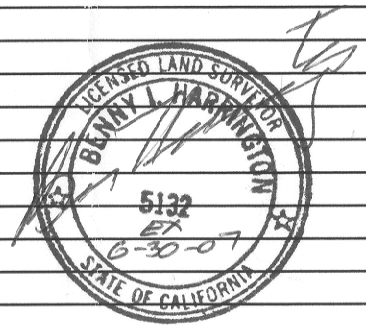
BEN HARRINGTON
PLS 5132

MONITORING WELLS
5565 TESLA RD.
LIVERMORE, CA.

HARRINGTON SURVEYS INC.
2278 LARKEY LANE, WALNUT CREEK CA.
925-935-7228

JOB#2528
6-05-05

PT. #	NORTH	EAST	ELEV.	LATITUDE	LONGITUDE	
1	2085287.52	6213127.18	566.57	37ø42'56.31176"N	121ø42'18.00017"W	FD. 04 FL HPGN
2	2085287.52	6213127.18	566.57	37ø42'56.31175"N	121ø42'18.00016"W	FD. 04 FL HPGN
10	2066759.37	6206469.09	615.16	37ø39'52.28484"N	121ø43'37.83506"W	MW-1 V N. PVC
11	2066759.71	6206469.01	615.52	37ø39'52.28825"N	121ø43'37.83609"W	MW-1 PUNCH N RIM
12	2066753.85	6206471.51	615.55	37ø39'52.23057"N	121ø43'37.80414"W	BLG COR
13	2066753.67	6206512.16	615.56	37ø39'52.23412"N	121ø43'37.29847"W	BLG COR
14	2066628.15	6206469.65	616.03	37ø39'50.98763"N	121ø43'37.80672"W	MW-2 V N. PVC
15	2066628.55	6206469.61	616.38	37ø39'50.99158"N	121ø43'37.80724"W	MW-2 PUNCH N. RIM
16	2066632.94	6206516.64	616.48	37ø39'51.04109"N	121ø43'37.22314"W	5.0 E BLG COR
17	2066600.85	6206566.19	617.32	37ø39'50.73030"N	121ø43'36.60162"W	MW-3 V N. PVC
18	2066601.16	6206566.10	617.54	37ø39'50.73332"N	121ø43'36.60286"W	MW-3 PUNCH N. RIM
19	2066610.25	6206564.10	617.64	37ø39'50.82300"N	121ø43'36.62917"W	FC COR
20	2066604.40	6206549.81	617.66	37ø39'50.76325"N	121ø43'36.80598"W	FC COR
21	2066629.00	6206539.65	617.75	37ø39'51.00516"N	121ø43'36.93629"W	FC COR
22	2066634.86	6206554.19	617.86	37ø39'51.06493"N	121ø43'36.75646"W	FC COR
3	2080138.47	6208815.78	552.46	37ø42'04.85555"N	121ø43'10.81967"W	FD. Z 927
4	2080138.48	6208815.77	552.45	37ø42'04.85566"N	121ø43'10.81976"W	FD. Z 927
5	2055842.44	6189298.07	637.79	37ø38'02.07930"N	121ø47'09.51084"W	FD. .4 FK HPGN
6	2055842.43	6189298.07	637.82	37ø38'02.07924"N	121ø47'09.51088"W	FD. .4 FK HPGN
7	2066813.66	6206542.08	615.00	37ø39'52.83104"N	121ø43'36.93627"W	SET RB\GATE
8	2066813.64	6206542.08	614.98	37ø39'52.83084"N	121ø43'36.93616"W	SET RB\GATE
9	2066806.93	6206470.38	615.04	37ø39'52.75518"N	121ø43'37.82678"W	SET 6.D NW YARD
23	2066806.93	6206470.38	615.07	37ø39'52.75523"N	121ø43'37.82680"W	SET 6.D NW YARD



ENVIRONMENTAL ENGINEERING, INC

Well No.: MWS-1
Casing Diameter: 2 inch
Depth of Well: 35.29 ft
Top of Casing Elevation: 616.86 ft
Depth to Groundwater: 8.49 ft
Groundwater Elevation: 608.37 ft
Water Column Height: 26.80 ft
Purged Volume: 12 gallons

Project No.: 2841
Address: Wente Vineyards
5565 Tesla Rd, Livermore
Date: March 26, 2008
Sampler: Lizzie Hightower

Purging Method: Bailer ☐ Pump ☑

Sampling Method: Bailer ☑ Pump ☐

Color: No ☐ Yes ☑ Describe Cloudy

Sheen: No ☑ Yes ☐ Describe

Odor: No ☑ Yes ☐ Describe

Field Measurements:

Time	Volume (gallons)	D.O. mg/L	pH	Temp °C	E.C. (µS/cm)	Turb. NTU	ORP
1550	Started purging Well						
1551	3	2.10	7.08	17.93	1397	24.9	+39.2
1552	6	1.96	6.95	17.86	1399	246	+40.0
1553	9	1.94	6.93	17.85	1393	685	+41.0
1554	12	1.86	6.93	17.82	1402	711	+38.3
1558	Sampled						

Notes:

ENVIRONMENTAL ENGINEERING, INC

Well No.: MW5-2
Casing Diameter: 2 inch
Depth of Well: 26.39 ft
Top of Casing Elevation: 613.96 ft
Depth to Groundwater: 8.80 ft
Groundwater Elevation: 605.16 ft
Water Column Height: 17.59 ft
Purged Volume: 9 gallons

Project No.: 2841
Address: Wente Vineyards
5565 Tesla Rd, Livermore
Date: March 26, 2008
Sampler: Lizzie Hightower

Purging Method: Bailer ☐ Pump ☑
Sampling Method: Bailer ☑ Pump ☐

Color: No ☐ Yes ☑ Describe Cloudy/Brown
Sheen: No ☑ Yes ☐ Describe
Odor: No ☑ Yes ☐ Describe

Field Measurements:

Time	Volume (gallons)	D.O. mg/L	pH	Temp °C	E.C. (µS/cm)	Turb. NTU	ORP
1419	Started purging well						
1420	3	1.46	9.61	17.71	1183	785	+12.2
1421	6	1.76	6.89	15.75	1257	351	+34.4
1422	9	1.94	6.86	15.05	1280	100	+35.3
1425	Sampled						

Notes:

ENVIRONMENTAL ENGINEERING, INC

Well No.: Onsite Supply Well
Casing Diameter: ——— inch
Depth of Well: NM ft
Top of Casing Elevation: NS ft
Depth to Groundwater: NM ft
Groundwater Elevation: NC ft
Water Column Height: NM ft
Purged Volume: 70 gallons

Project No.: 2841
Address: Wente Vineyards
5565 Tesla Rd, Livermore
Date: March 26, 2008
Sampler: Lizzie Hightower

Purging Method: Bailer ☐ Pump ☑ Active Pump

Sampling Method: Bailer ☐ Pump ☑ Active pump

Color: No ☑ Yes ☐ Describe

Sheen: No ☑ Yes ☐ Describe

Odor: No ☑ Yes ☐ Describe

Field Measurements:

Time	Volume (gallons)	D.O. mg/L	pH	Temp °C	E.C. (µS/cm)	Turb. NTU	ORP
1507	Started purging well						
1510	20	2.55	7.77	16.68	1364	6.04	+43.8
1518	35	2.58	7.38	16.55	1341	7.93	+42.3
1526	50	2.48	7.25	16.33	1342	10.0	+42.2
1536	70	2.42	7.23	16.78	1340	16.8	+38.2
1539	Sampled						

Notes:

ENVIRONMENTAL ENGINEERING, INC

Well No.: offsite supply well
Casing Diameter: — inch
Depth of Well: 125 ft
Top of Casing Elevation: _____ ft
Depth to Groundwater: _____ ft
Groundwater Elevation: _____ ft
Water Column Height: _____ ft
Purged Volume: 70 gallons

Project No.: 2841
Address: Wente Vineyards
5565 Tesla Rd, Livermore
Date: March 26, 2008
Sampler: Lizzie Hightower

Purging Method: Bailer ☐ Pump ☑ Active well ~~Ramp~~

Sampling Method: Bailer ☐ Pump ☑ Active well

Color: No ☐ Yes ☑ Describe Brown

Sheen: No ☑ Yes ☐ Describe

Odor: No ☑ Yes ☐ Describe

Field Measurements:

Time	Volume (gallons)	D.O. mg/L	pH	Temp °C	E.C. (µS/cm)	Turb. NTU	ORP
1325	Started purging well						
1335	20	1.45	7.24	18.93	1330	446	+14.8
1340	~~40~~ 35	1.82	7.18	19.50	1368	124	+14.0
1345	50	1.97	7.22	18.96	1386	115	+15.1
1355	70	1.96	7.19	19.88	1359	71.9	+16.8
1358	sampled						

Notes:

APPENDIX C

Specifications for Off-site well at 5443 Tesla Road

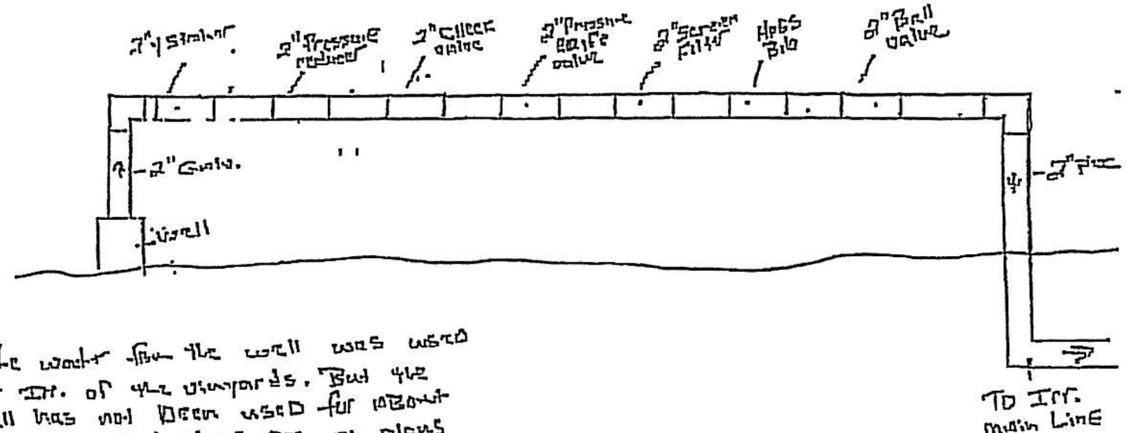
Mansour Sepehr

From: Aris Krimetz [aris@wentevineyards.com]
Sent: Thursday, February 16, 2006 6:06 PM
To: Mansour Sepehr (E-mail)
Subject: 5443 Tesla Road

Mansour-

According to documents provided by the previous owner, the total depth of the well is 125', and the pump is at 100'. It was installed about 1972 by the previous owner. We only re-piped on the well discharge side and connected it to the irrigation system, removing it from the potable system when we purchased the property in 1995/96. The potable water for the property is supplied from a municipal source.

Aris Krimetz
Director of Engineering
Wente Vineyards
5565 Tesla Road
Livermore, CA 94550
Office: 925 456 2413
Cell: 925 518 9010
arisk@wentevineyards.com
www.wentevineyards.com



The water from the well was used for Irr. of the vineyards. But the well has not been used for about one year. And there are no plans to use the well in the near future

APPENDIX D

Chain of Custody Form and Laboratory Report

CHAIN OF CUSTODY

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510)486-0900 Phone
(510)486-0532 Fax

C&T LOGIN # 202262

Project No: 2841

Project Name: 5565 Tesla Rd, Livermore

Turnaround Time: Standard

Sampler: Lizzie Hightower

Report To: Joyce Bobek

Company : SOMA Environmental

Telephone: 925-734-6400

Fax: 925-734-6401

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil	Matrix: Water	Matrix: Waste	# of Containers	Preservative: HCL	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: ICE	Preservative: none	Analyses: TPH-g 8260B	Analyses: TPH-d 8015	Analyses: Volatile Organics (full 8260B list)	Analyses: CAM 17 Metals 6010B and 7470A	Analyses: Gasoline Oxygenates & lead scavengers
1	Off-site Supply Well	3/26/2008 13:58		*		4-VOAs/ 1 L Amber/ 2-250 ml Poly	*		*	*	*	*	*	*	*	*
2	On-site Supply Well	3/26/2008 15:39		*		4-VOAs/ 1L Ambers/ 2-250 ml Poly	*		*	*	*	*	*	*	*	*
3	MWS-1	3/26/2008 15:58		*		4-VOAs/ 1L Ambers/ 2-250 ml Poly	*		*	*	*	*	*	*	*	*
4	MWS-2	3/26/2008 14:25		*		4-VOAs/ 1L Ambers/ 2-250 ml Poly	*		*	*	*	*	*	*	*	*

Notes: **EDF OUTPUT REQUIRED**

Metals include ~~cadmium, chromium, lead~~ nickel, and ~~zinc~~
GasOx to include ethanol
THF
MtBE

Rcvd @ 5.5°C

RELINQUISHED BY:		RECEIVED BY:	
E. Hightower	3/28/08 09:32 DATE/TIME		3/28/08 1030 DATE/TIME
	DATE/TIME		DATE/TIME
	DATE/TIME		DATE/TIME

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 202262
ANALYTICAL REPORT

SOMA Environmental Engineering Inc.	Project : 2841
6620 Owens Dr.	Location : 5565 Tesla Rd, Livermore
Pleasanton, CA 94588	Level : II

Sample ID	Lab ID
OFF-SITE SUPPLY WELL	202262-001
ON-SITE SUPPLY WELL	202262-002
MWS-1	202262-003
MWS-2	202262-004

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____ Date: 04/10/2008
Project Manager

Signature: _____ Date: 04/15/2008
Operations Manager

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**202262**
Client:	**SOMA Environmental Engineering Inc.**
Project:	**2841**
Location:	**5565 Tesla Rd, Livermore**
Request Date:	**03/28/08**
Samples Received:	**03/28/08**

This hardcopy data package contains sample and QC results for four water samples, requested for the above referenced project on 03/28/08. The samples were received cold and intact.

TPH-Extractables by GC (EPA 8015B):
No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Metals (EPA 6010B and EPA 7470A):
No analytical problems were encountered.

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	202262	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3520C
Project#:	2841	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	03/26/08
Units:	ug/L	Received:	03/28/08
Diln Fac:	1.000	Prepared:	04/04/08
Batch#:	136756		

Field ID: OFF-SITE SUPPLY WELL
Type: SAMPLE
Lab ID: 202262-001
Analyzed: 04/08/08

Analyte	Result	RL
Diesel C10-C24	ND	50

Surrogate	%REC	Limits
Hexacosane	128	63-130

Field ID: ON-SITE SUPPLY WELL
Type: SAMPLE
Lab ID: 202262-002
Analyzed: 04/08/08

Analyte	Result	RL
Diesel C10-C24	ND	50

Surrogate	%REC	Limits
Hexacosane	119	63-130

Field ID: MWS-1
Type: SAMPLE
Lab ID: 202262-003
Analyzed: 04/08/08

Analyte	Result	RL
Diesel C10-C24	ND	50

Surrogate	%REC	Limits
Hexacosane	118	63-130

Field ID: MWS-2
Type: SAMPLE
Lab ID: 202262-004
Analyzed: 04/08/08

Analyte	Result	RL
Diesel C10-C24	ND	50

Surrogate	%REC	Limits
Hexacosane	122	63-130

Type: BLANK
Lab ID: QC436202
Analyzed: 04/09/08

Analyte	Result	RL
Diesel C10-C24	ND	50

Surrogate	%REC	Limits
Hexacosane	111	63-130

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	202262	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3520C
Project#:	2841	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC436203	Batch#:	136756
Matrix:	Water	Prepared:	04/04/08
Units:	ug/L	Analyzed:	04/08/08

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,273	91	61-120

Surrogate	%REC	Limits
Hexacosane	124	63-130

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	202262	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3520C
Project#:	2841	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	136756
MSS Lab ID:	202243-001	Sampled:	03/27/08
Matrix:	Water	Received:	03/27/08
Units:	ug/L	Prepared:	04/04/08
Diln Fac:	1.000	Analyzed:	04/09/08

Type: MS
Lab ID: QC436204
Cleanup Method: EPA 3630C

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	27.09	2,500	1,992	79	58-126

Surrogate	%REC	Limits
Hexacosane	75	63-130

Type: MSD
Lab ID: QC436205
Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,368	94	58-126	17	31

Surrogate	%REC	Limits
Hexacosane	89	63-130

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Gasoline by GC/MS

Lab #:	202262	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2841	Analysis:	EPA 8260B
Field ID:	OFF-SITE SUPPLY WELL	Batch#:	136640
Lab ID:	202262-001	Sampled:	03/26/08
Matrix:	Water	Received:	03/28/08
Units:	ug/L	Analyzed:	04/02/08
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	50
tert-Butyl Alcohol (TBA)	ND	10
Freon 12	ND	1.0
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Ethanol	ND	1,000
Acetone	ND	10
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Gasoline by GC/MS

Lab #:	202262	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2841	Analysis:	EPA 8260B
Field ID:	OFF-SITE SUPPLY WELL	Batch#:	136640
Lab ID:	202262-001	Sampled:	03/26/08
Matrix:	Water	Received:	03/28/08
Units:	ug/L	Analyzed:	04/02/08
Diln Fac:	1.000		

Analyte	Result	RL
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5
Tetrahydrofuran	ND	50

Surrogate	%REC	Limits
Dibromofluoromethane	105	80-123
1,2-Dichloroethane-d4	97	76-138
Toluene-d8	103	80-120
Bromofluorobenzene	105	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Gasoline by GC/MS

Lab #:	202262	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2841	Analysis:	EPA 8260B
Field ID:	ON-SITE SUPPLY WELL	Batch#:	136640
Lab ID:	202262-002	Sampled:	03/26/08
Matrix:	Water	Received:	03/28/08
Units:	ug/L	Analyzed:	04/02/08
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	50
tert-Butyl Alcohol (TBA)	ND	10
Freon 12	ND	1.0
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Ethanol	ND	1,000
Acetone	ND	10
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Gasoline by GC/MS

Lab #:	202262	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2841	Analysis:	EPA 8260B
Field ID:	ON-SITE SUPPLY WELL	Batch#:	136640
Lab ID:	202262-002	Sampled:	03/26/08
Matrix:	Water	Received:	03/28/08
Units:	ug/L	Analyzed:	04/02/08
Diln Fac:	1.000		

Analyte	Result	RL
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5
Tetrahydrofuran	ND	50

Surrogate	%REC	Limits
Dibromofluoromethane	107	80-123
1,2-Dichloroethane-d4	96	76-138
Toluene-d8	102	80-120
Bromofluorobenzene	105	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Gasoline by GC/MS

Lab #:	202262	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2841	Analysis:	EPA 8260B
Field ID:	MWS-1	Batch#:	136640
Lab ID:	202262-003	Sampled:	03/26/08
Matrix:	Water	Received:	03/28/08
Units:	ug/L	Analyzed:	04/02/08
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	50
tert-Butyl Alcohol (TBA)	ND	10
Freon 12	ND	1.0
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Ethanol	ND	1,000
Acetone	ND	10
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Gasoline by GC/MS

Lab #:	202262	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2841	Analysis:	EPA 8260B
Field ID:	MWS-1	Batch#:	136640
Lab ID:	202262-003	Sampled:	03/26/08
Matrix:	Water	Received:	03/28/08
Units:	ug/L	Analyzed:	04/02/08
Diln Fac:	1.000		

Analyte	Result	RL
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5
Tetrahydrofuran	ND	50

Surrogate	%REC	Limits
Dibromofluoromethane	108	80-123
1,2-Dichloroethane-d4	96	76-138
Toluene-d8	101	80-120
Bromofluorobenzene	108	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Gasoline by GC/MS

Lab #:	202262	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2841	Analysis:	EPA 8260B
Field ID:	MWS-2	Batch#:	136640
Lab ID:	202262-004	Sampled:	03/26/08
Matrix:	Water	Received:	03/28/08
Units:	ug/L	Analyzed:	04/02/08
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	50
tert-Butyl Alcohol (TBA)	ND	10
Freon 12	ND	1.0
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Ethanol	ND	1,000
Acetone	ND	10
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Gasoline by GC/MS

Lab #:	202262	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2841	Analysis:	EPA 8260B
Field ID:	MWS-2	Batch#:	136640
Lab ID:	202262-004	Sampled:	03/26/08
Matrix:	Water	Received:	03/28/08
Units:	ug/L	Analyzed:	04/02/08
Diln Fac:	1.000		

Analyte	Result	RL
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5
Tetrahydrofuran	ND	50

Surrogate	%REC	Limits
Dibromofluoromethane	110	80-123
1,2-Dichloroethane-d4	98	76-138
Toluene-d8	103	80-120
Bromofluorobenzene	107	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	202262	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2841	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	136640
Units:	ug/L	Analyzed:	04/02/08
Diln Fac:	1.000		

Type: BS Lab ID: QC435683

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	137.8	110	55-158
Isopropyl Ether (DIPE)	25.00	24.70	99	63-122
Ethyl tert-Butyl Ether (ETBE)	25.00	25.42	102	62-133
Methyl tert-Amyl Ether (TAME)	25.00	26.55	106	69-137
1,1-Dichloroethene	25.00	28.59	114	77-132
Benzene	25.00	25.32	101	80-120
Trichloroethene	25.00	24.89	100	80-120
Toluene	25.00	25.23	101	80-121
Chlorobenzene	25.00	22.49	90	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	103	80-123
1,2-Dichloroethane-d4	93	76-138
Toluene-d8	102	80-120
Bromofluorobenzene	98	80-120

Type: BSD Lab ID: QC435684

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	143.0	114	55-158	4	20
Isopropyl Ether (DIPE)	25.00	25.93	104	63-122	5	20
Ethyl tert-Butyl Ether (ETBE)	25.00	26.52	106	62-133	4	20
Methyl tert-Amyl Ether (TAME)	25.00	26.98	108	69-137	2	20
1,1-Dichloroethene	25.00	31.37	125	77-132	9	20
Benzene	25.00	26.86	107	80-120	6	20
Trichloroethene	25.00	26.39	106	80-120	6	20
Toluene	25.00	26.85	107	80-121	6	20
Chlorobenzene	25.00	23.63	95	80-120	5	20

Surrogate	%REC	Limits
Dibromofluoromethane	105	80-123
1,2-Dichloroethane-d4	94	76-138
Toluene-d8	103	80-120
Bromofluorobenzene	98	80-120

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	202262	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2841	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	136640
Units:	ug/L	Analyzed:	04/02/08
Diln Fac:	1.000		

Type: BS Lab ID: QC435685

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	1,046	105	70-130

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-123
1,2-Dichloroethane-d4	94	76-138
Toluene-d8	102	80-120
Bromofluorobenzene	99	80-120

Type: BSD Lab ID: QC435717

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	1,000	1,017	102	70-130	3	20

Surrogate	%REC	Limits
Dibromofluoromethane	103	80-123
1,2-Dichloroethane-d4	93	76-138
Toluene-d8	103	80-120
Bromofluorobenzene	98	80-120

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	202262	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2841	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC435718	Batch#:	136640
Matrix:	Water	Analyzed:	04/02/08
Units:	ug/L		

Analyte	Result	RL
Gasoline C7-C12	ND	50
tert-Butyl Alcohol (TBA)	ND	10
Freon 12	ND	1.0
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Ethanol	ND	1,000
Acetone	ND	10
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	202262	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2841	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC435718	Batch#:	136640
Matrix:	Water	Analyzed:	04/02/08
Units:	ug/L		

Analyte	Result	RL
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5
Tetrahydrofuran	ND	50

Surrogate	%REC	Limits
Dibromofluoromethane	103	80-123
1,2-Dichloroethane-d4	93	76-138
Toluene-d8	101	80-120
Bromofluorobenzene	106	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	202262	Project#:	2841
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	OFF-SITE SUPPLY WELL	Diln Fac:	1.000
Lab ID:	202262-001	Sampled:	03/26/08
Matrix:	Water	Received:	03/28/08
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	10	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Arsenic	ND	6.1	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Barium	60	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Chromium	11	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Cobalt	ND	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Copper	73	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Lead	4.8	3.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Mercury	ND	0.20	136564	03/31/08	03/31/08	METHOD	EPA 7470A
Molybdenum	ND	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Nickel	5.6	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Selenium	ND	10	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Silver	ND	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Thallium	ND	10	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Vanadium	ND	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Zinc	620	20	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	202262	Project#:	2841
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	ON-SITE SUPPLY WELL	Diln Fac:	1.000
Lab ID:	202262-002	Sampled:	03/26/08
Matrix:	Water	Received:	03/28/08
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	10	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Arsenic	ND	6.1	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Barium	140	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Chromium	ND	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Cobalt	ND	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Copper	7.1	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Lead	ND	3.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Mercury	ND	0.20	136564	03/31/08	03/31/08	METHOD	EPA 7470A
Molybdenum	ND	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Nickel	ND	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Selenium	ND	10	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Silver	ND	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Thallium	ND	10	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Vanadium	ND	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Zinc	ND	20	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	202262	Project#:	2841
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	MWS-1	Diln Fac:	1.000
Lab ID:	202262-003	Sampled:	03/26/08
Matrix:	Water	Received:	03/28/08
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	10	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Arsenic	ND	6.1	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Barium	350	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Chromium	9.9	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Cobalt	ND	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Copper	8.2	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Lead	ND	3.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Mercury	ND	0.20	136564	03/31/08	03/31/08	METHOD	EPA 7470A
Molybdenum	ND	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Nickel	17	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Selenium	ND	10	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Silver	ND	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Thallium	ND	10	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Vanadium	ND	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Zinc	30	20	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	202262	Project#:	2841
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	MWS-2	Diln Fac:	1.000
Lab ID:	202262-004	Sampled:	03/26/08
Matrix:	Water	Received:	03/28/08
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	10	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Arsenic	ND	6.1	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Barium	280	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Chromium	7.9	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Cobalt	ND	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Copper	6.2	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Lead	ND	3.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Mercury	ND	0.20	136564	03/31/08	03/31/08	METHOD	EPA 7470A
Molybdenum	ND	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Nickel	22	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Selenium	ND	10	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Silver	ND	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Thallium	ND	10	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Vanadium	ND	5.0	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B
Zinc	ND	20	136613	04/01/08	04/02/08	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 26 Metals

Lab #:	202262	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	METHOD
Project#:	2841	Analysis:	EPA 7470A
Analyte:	Mercury	Diln Fac:	1.000
Type:	BLANK	Batch#:	136564
Lab ID:	QC435325	Prepared:	03/31/08
Matrix:	Water	Analyzed:	03/31/08
Units:	ug/L		

Result	RL
ND	0.20

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 26 Metals

Lab #:	202262	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	METHOD
Project#:	2841	Analysis:	EPA 7470A
Analyte:	Mercury	Batch#:	136564
Matrix:	Water	Prepared:	03/31/08
Units:	ug/L	Analyzed:	03/31/08
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC435326	5.000	4.890	98	80-120		
BSD	QC435327	5.000	5.020	100	80-120	3	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 26 Metals

Lab #:	202262	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	METHOD
Project#:	2841	Analysis:	EPA 7470A
Analyte:	Mercury	Batch#:	136564
Field ID:	ZZZZZZZZZZ	Sampled:	03/26/08
MSS Lab ID:	202267-007	Received:	03/27/08
Matrix:	Water	Prepared:	03/31/08
Units:	ug/L	Analyzed:	03/31/08
Diln Fac:	1.000		

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC435329	<0.04502	5.000	4.750	95	77-126		
MSD	QC435330		5.000	4.900	98	77-126	3	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 26 Metals

Lab #:	202262	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3010A
Project#:	2841	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC435552	Batch#:	136613
Matrix:	Water	Prepared:	04/01/08
Units:	ug/L	Analyzed:	04/02/08

Analyte	Result	RL
Antimony	ND	10
Arsenic	ND	6.1
Barium	ND	5.0
Beryllium	ND	2.0
Cadmium	ND	5.0
Chromium	ND	5.0
Cobalt	ND	5.0
Copper	ND	5.0
Lead	ND	3.0
Molybdenum	ND	5.0
Nickel	ND	5.0
Selenium	ND	10
Silver	ND	5.0
Thallium	ND	10
Vanadium	ND	5.0
Zinc	ND	20

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 26 Metals

Lab #:	202262	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3010A
Project#:	2841	Analysis:	EPA 6010B
Matrix:	Water	Batch#:	136613
Units:	ug/L	Prepared:	04/01/08
Diln Fac:	1.000	Analyzed:	04/02/08

Type: BS Lab ID: QC435553

Analyte	Spiked	Result	%REC	Limits
Antimony	500.0	493.0	99	80-120
Arsenic	100.0	102.2	102	80-120
Barium	2,000	1,985	99	80-120
Beryllium	50.00	53.04	106	80-120
Cadmium	50.00	51.66	103	80-120
Chromium	200.0	195.5	98	80-120
Cobalt	500.0	480.5	96	80-120
Copper	250.0	245.3	98	80-120
Lead	100.0	97.12	97	80-120
Molybdenum	400.0	408.2	102	80-120
Nickel	500.0	486.7	97	80-120
Selenium	100.0	102.8	103	80-120
Silver	50.00	48.37	97	80-120
Thallium	100.0	101.8	102	80-120
Vanadium	500.0	485.4	97	80-120
Zinc	500.0	494.5	99	80-120

Type: BSD Lab ID: QC435554

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	500.0	469.9	94	80-120	5	20
Arsenic	100.0	99.80	100	80-120	2	20
Barium	2,000	1,900	95	80-120	4	20
Beryllium	50.00	51.95	104	80-120	2	20
Cadmium	50.00	50.25	101	80-120	3	20
Chromium	200.0	191.4	96	80-120	2	20
Cobalt	500.0	472.1	94	80-120	2	20
Copper	250.0	241.0	96	80-120	2	20
Lead	100.0	93.00	93	80-120	4	20
Molybdenum	400.0	389.9	97	80-120	5	20
Nickel	500.0	477.6	96	80-120	2	20
Selenium	100.0	99.74	100	80-120	3	20
Silver	50.00	47.23	94	80-120	2	20
Thallium	100.0	99.74	100	80-120	2	20
Vanadium	500.0	475.0	95	80-120	2	20
Zinc	500.0	487.1	97	80-120	2	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 26 Metals

Lab #:	202262	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3010A
Project#:	2841	Analysis:	EPA 6010B
Field ID:	ZZZZZZZZZZ	Batch#:	136613
MSS Lab ID:	202312-003	Sampled:	03/31/08
Matrix:	Water	Received:	03/31/08
Units:	ug/L	Prepared:	04/01/08
Diln Fac:	1.000	Analyzed:	04/02/08

Type: MS Lab ID: QC435555

Analyte	MSS Result	Spiked	Result	%REC	Limits
Antimony	<1.074	500.0	517.7	104	78-120
Arsenic	32.61	100.0	142.8	110	80-126
Barium	65.49	2,000	2,082	101	80-120
Beryllium	0.2645	50.00	55.12	110	80-120
Cadmium	<0.1091	50.00	50.82	102	80-120
Chromium	0.6238	200.0	197.7	99	80-120
Cobalt	1.011	500.0	485.3	97	80-120
Copper	5.302	250.0	259.1	102	80-120
Lead	<0.6892	100.0	92.75	93	77-120
Molybdenum	14.89	400.0	437.1	106	80-120
Nickel	6.279	500.0	492.6	97	79-120
Selenium	5.701	100.0	111.8	106	80-125
Silver	<0.7459	50.00	49.33	99	72-120
Thallium	5.403	100.0	101.7	96	77-120
Vanadium	<1.034	500.0	502.8	101	80-120
Zinc	15.22	500.0	525.3	102	78-122

Type: MSD Lab ID: QC435556

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	500.0	528.8	106	78-120	2	20
Arsenic	100.0	147.0	114	80-126	3	20
Barium	2,000	2,160	105	80-120	4	20
Beryllium	50.00	57.43	114	80-120	4	20
Cadmium	50.00	51.85	104	80-120	2	20
Chromium	200.0	205.3	102	80-120	4	20
Cobalt	500.0	489.7	98	80-120	1	20
Copper	250.0	270.7	106	80-120	4	20
Lead	100.0	93.89	94	77-120	1	20
Molybdenum	400.0	448.3	108	80-120	3	20
Nickel	500.0	510.0	101	79-120	3	20
Selenium	100.0	116.1	110	80-125	4	20
Silver	50.00	51.06	102	72-120	3	20
Thallium	100.0	105.5	100	77-120	4	20
Vanadium	500.0	523.3	105	80-120	4	20
Zinc	500.0	546.2	106	78-122	4	20

RPD= Relative Percent Difference