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May 24, 2006

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

Project: 2841

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

Dear Mr. Wickham:

SOMA's "Second Quarter 2006 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

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Second Quarter 2006
Groundwater Monitoring Report

WENTE WINERY
5565 Tesla Road
Livermore, California

May 24, 2006

Project 2841

Prepared for

Mr. Aris Krimetz
5565 Tesla Road
Livermore, California

Prepared by

SOMA Environmental Engineering, Inc.
6620 Owens Drive, Suite A
Pleasanton, California

CERTIFICATION

This report has been prepared by SOMA Environmental Engineering, Inc. on behalf of Mr. Aris Krimetz, for Wente Winery, which is located at 5565 Tesla Road, Livermore, California to comply with the requirements of the Alameda County Environmental Health Services and the California Regional Water Quality Control Board for the Second Quarter 2006 groundwater monitoring event.

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

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1.0 INTRODUCTION

This monitoring report has been prepared by SOMA Environmental Engineering, Inc. (SOMA) on behalf of Mr. Aris Krimetz, for Wente Winery, which is located at 5565 Tesla Road, Livermore, California. Figure 1 shows the location of the Site.

This report summarizes the results of the Second Quarter 2006 groundwater monitoring event conducted at the Site on May 5, 2006. This report also includes the laboratory analytical results on the groundwater samples.

A natural attenuation study was conducted during this monitoring event. The objective of the natural attenuation study was to evaluate whether the petroleum hydrocarbons found in the groundwater were biodegrading.

These activities were performed in accordance with the general guidelines of the California Regional Water Quality Control Board (CRWQCB) and the Alameda County Environmental Health Services (ACEHS). Appendix A details the 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 USTs area.

1.2 Previous Activities and Investigations

In 1987, two fuel USTs were removed from the Site. There is no information regarding the condition of the tank or evidence of leakage. In 1990, the ACEHS issued a notice of violation (NOV) 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. The Phase I study revealed the existence of the former USTs, former waste discharge area, and a number of agricultural storage areas.

In 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 RECs. 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 illustrates the locations of the soil borings.

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 the 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.

On May 5, 2005, SOMA oversaw Woodward Drilling (Woodward) install three monitoring wells, MW-1 through MW-3, as shown in Figure 2. On May 20, 2005, Woodward developed the newly installed wells.

On June 24, 2005, SOMA oversaw Woodward drill 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 of the former steam cleaning area. The 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.

1.3 Regional Hydrogeologic Features

The subject site is located in the Livermore Valley Groundwater Basin (LVGB). The LVGB 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 predominantly a permeable unit consisting of sand and gravel in a clayey sand matrix. The potentiometric surface of valley-fill groundwater near the 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.

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

2.0 Results

The following sections provide the results of the field measurements and laboratory analyses for the May 5, 2006 groundwater monitoring event.

2.1 Field Measurements

Table 1 presents the depths to groundwater, as well as the corresponding groundwater elevations for the monitoring wells. The depths to groundwater ranged from 5.23 feet in well MW-1 to 5.94 feet in well MW-3. The corresponding groundwater elevations ranged from 609.93 feet in well MW-1 to 611.38 feet in well MW-3.

The groundwater elevation contour map is displayed in Figure 3. The groundwater flows north to northwesterly across the Site, at a gradient of approximately 0.010 feet/feet. The flow direction has remained consistent, however, the groundwater gradient increased slightly.

Refer to Table 1 for the historical site-wide groundwater elevation trends.

The field notes in Appendix B show the detailed measurements of the 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.

DO concentrations ranged from 7.20 mg/L in well MW-3 to 11.80 mg/L in the off-site supply well. However, the DO concentration in the off-site supply well may be erroneous. The purging of the off-site supply well was conducted using an active downhole pump. The high DO level in this well could be the result of this active pumping station within the well.

Oxygen reduction potential (ORP) showed positive redox potentials throughout the Site. As previously noted, positive redox potentials are more energetically favorable in utilizing electron acceptors during chemical reactions. This promotes the removal of organic mass from the contaminated groundwater by indigenous bacteria in the subsurface during the release of the transfer of electrons.

2.2 Sampling of Off-Site Well at 5443 Tesla Road

On May 5, 2006, SOMA contacted Wente Vineyards (Wente) to inform them that the off-site well needed to be sampled. SOMA's field personnel began extracting groundwater from the well using the downhole pump within the well. Water passed through a flow cell during purging; within the flow cell, measurements for DO, pH, temperature, electrical conductivity, turbidity, and ORP were recorded using a U-22 meter. This method reduced the intrusion of oxygen from ambient air into the groundwater samples. A groundwater sample was collected when all of the field parameters stabilized. This occurred when approximately 38 gallons of groundwater had been purged.

The field measurements taken from the supply well during purging activities is shown in Appendix B. Based on the information supplied by Wente, the total depth of this well is 125 feet bgs. The pump was installed at 100 feet bgs in the year of 1972. 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 D.

2.3 Laboratory Analysis

The historical total petroleum hydrocarbons as gasoline (TPH-g), total petroleum hydrocarbons as diesel (TPH-d), total petroleum hydrocarbons as motor oil (TPH-mo), benzene, toluene, ethylbenzene, and total xylenes (BTEX), and Methyl tertiary Butyl Ether (MtBE) groundwater analytical results are shown in Table 1.

All TPH-g, TPH-mo, BTEX, and MtBE constituents were below the laboratory reporting limit throughout the Site.

TPH-d was below the laboratory reporting limit in the off-site supply well. The highest TPH-d concentration was detected in well MW-1 at 70 ug/L. However, the TPH-d analytical result in the groundwater sample collected from well MW-1 did not resemble the standard diesel pattern. Heavier hydrocarbons were also present during analytical testing, in well MW-1, which may have contributed to the overall TPH-d result. The laboratory designated the irregular chromatographic pattern, which did not match the diesel standard, using a “Y” flag; the presence of the heavier hydrocarbons was denoted by using an “H” flag; see the laboratory report in Appendix C for further clarification.

Figure 4 displays the contour map of TPH-d concentrations in groundwater. As illustrated in Figure 4, TPH-d has only minimally impacted the groundwater throughout the Site.

Table 2 shows the analytical results for gasoline oxygenates and lead scavengers. All gasoline oxygenates and lead scavengers were below the laboratory reporting limit in all of the groundwater samples collected during this monitoring event.

Table 3 shows the 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 all below the laboratory reporting limit in the groundwater samples collected from the on and off-site supply wells. All other VOCs were also below the laboratory reporting throughout the Site.

Table 4 shows the historical concentrations of metals in the groundwater. Cadmium, chromium, and nickel were all below the laboratory reporting limit in the samples collected from both supply wells. Lead was detected at 26 ug/L in both of

the supply wells. Zinc was below the laboratory reporting limit in the on-site supply well and detected in the off-site supply well at 750 ug/L.

Appendix C includes the laboratory report and chain-of-custody (COC) form for this monitoring event.

3.0 Conclusions and Recommendations

The results of the Second Quarter 2006 groundwater monitoring event can be summarized as follows:

- The groundwater flow direction has remained north to northwesterly across the Site, however, the groundwater gradient slightly increased.

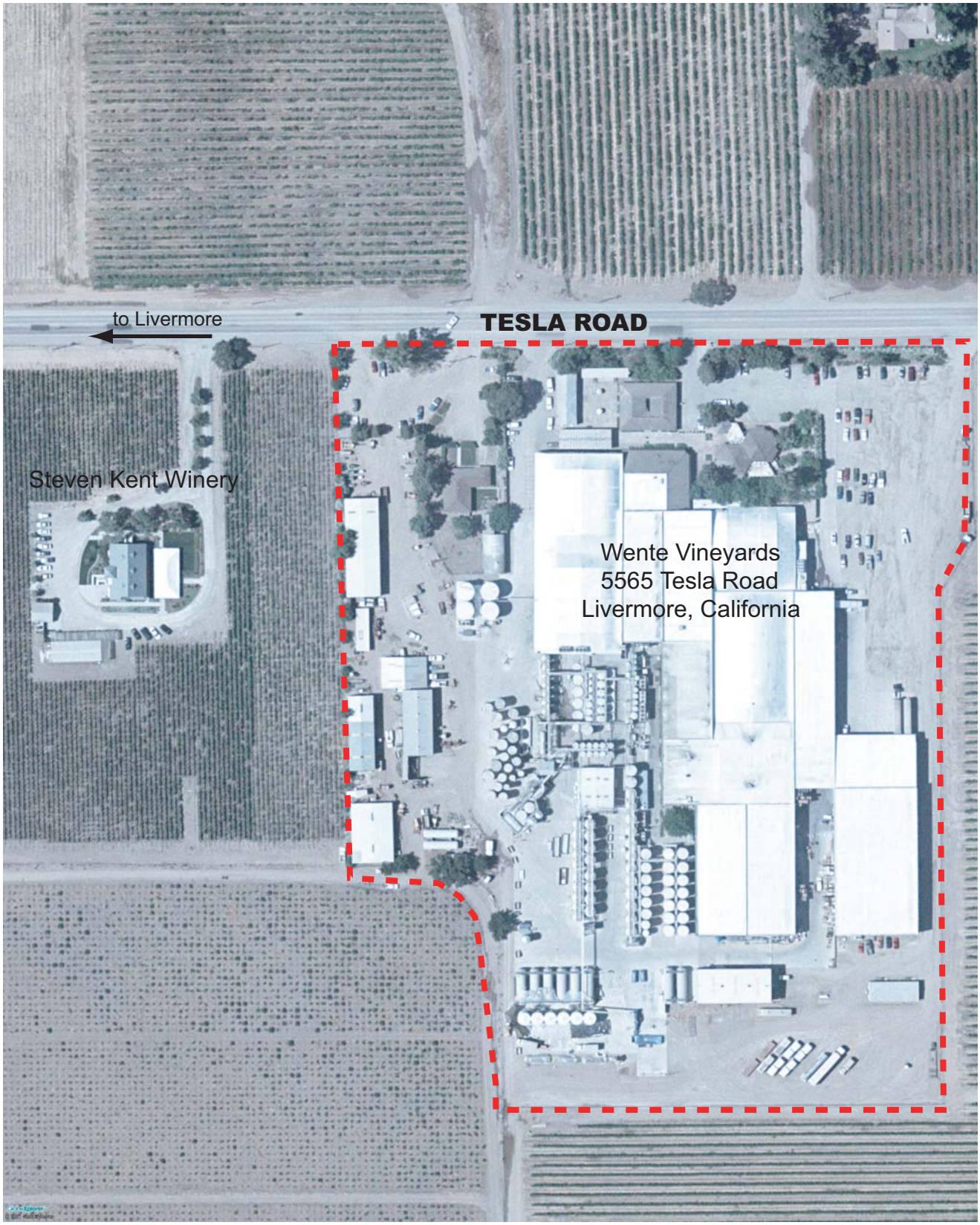
- Based on the results of the bio-attenuation study, indigenous bacteria have effectively removed organic mass from any impacted groundwater in the subsurface. This is evidenced by the high DO levels and positive redox potentials observed throughout the Site.

- TPH-d was detected at low levels; however, the sample results may have been misrepresentative. The highest constituent was zinc.

- In previous monitoring events, chlorinated solvents, which included chloromethane and chloroethane, were detected; however, during this monitoring event no chlorinated solvents were detected.

Based on the results from this monitoring event, SOMA recommends that a no further action status be adopted in connection with the petroleum hydrocarbon and VOC contamination in the groundwater at this site. Upon concurrence from the ACEHS, all site wells will be properly decommissioned by SOMA.

FIGURES



N

approximate scale in feet

0 50 100

Figure 1: Site vicinity map.

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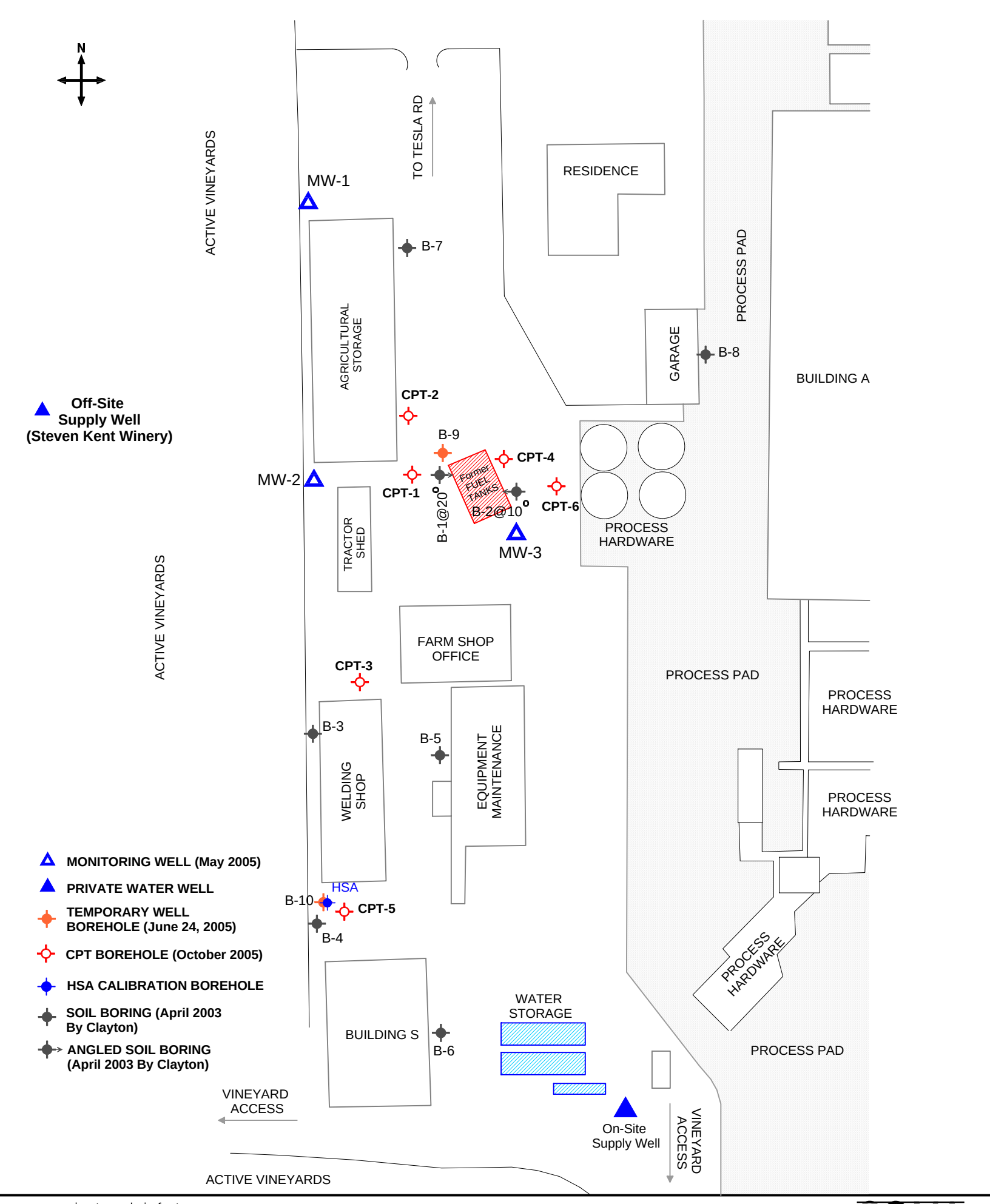

Figure 2: Map showing locations of newly installed wells, temporary well boreholes, and previous soil borings installed by Clayton group.

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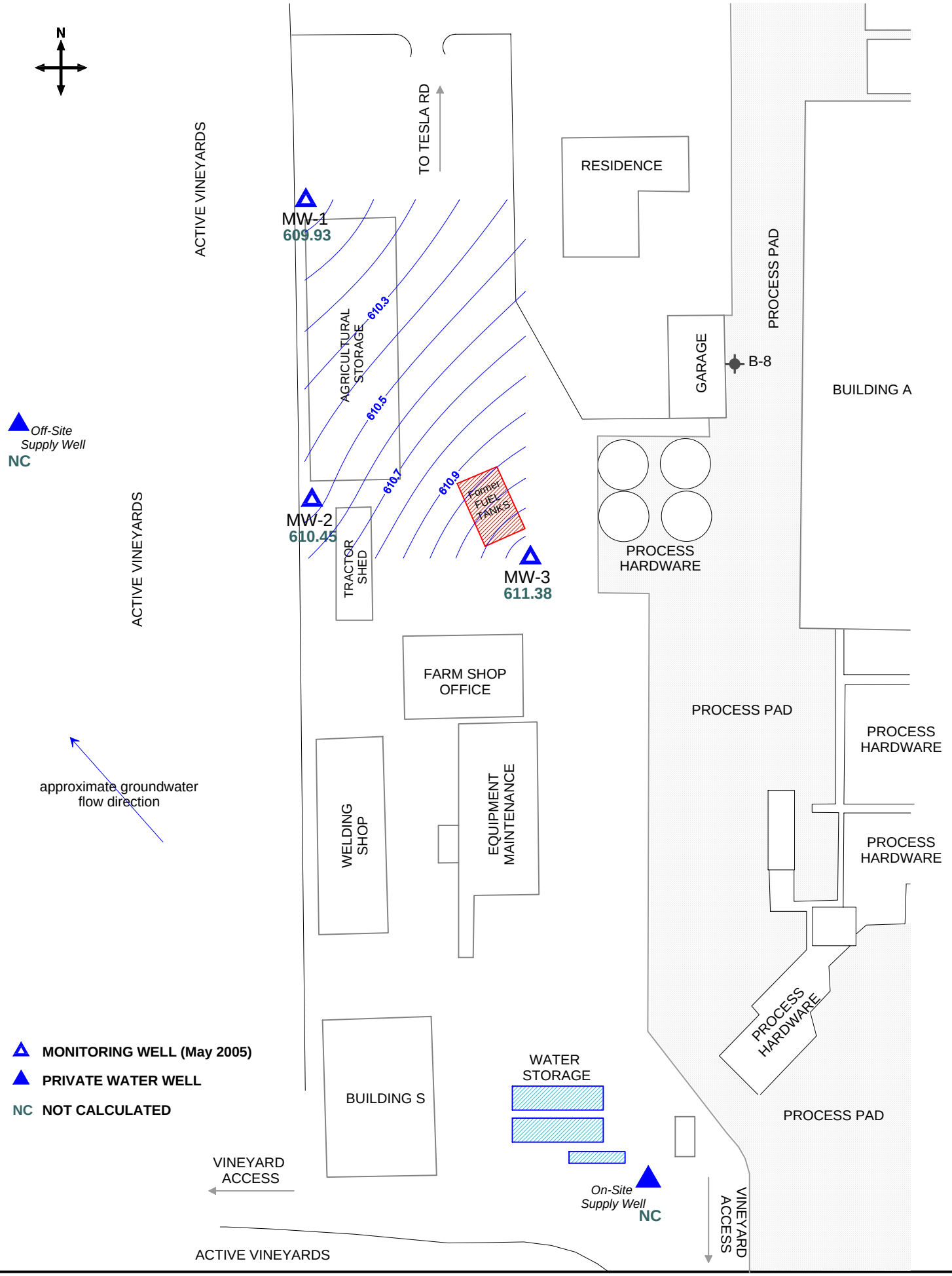

Figure 3: Groundwater elevation contour map in feet. May 5, 2006.

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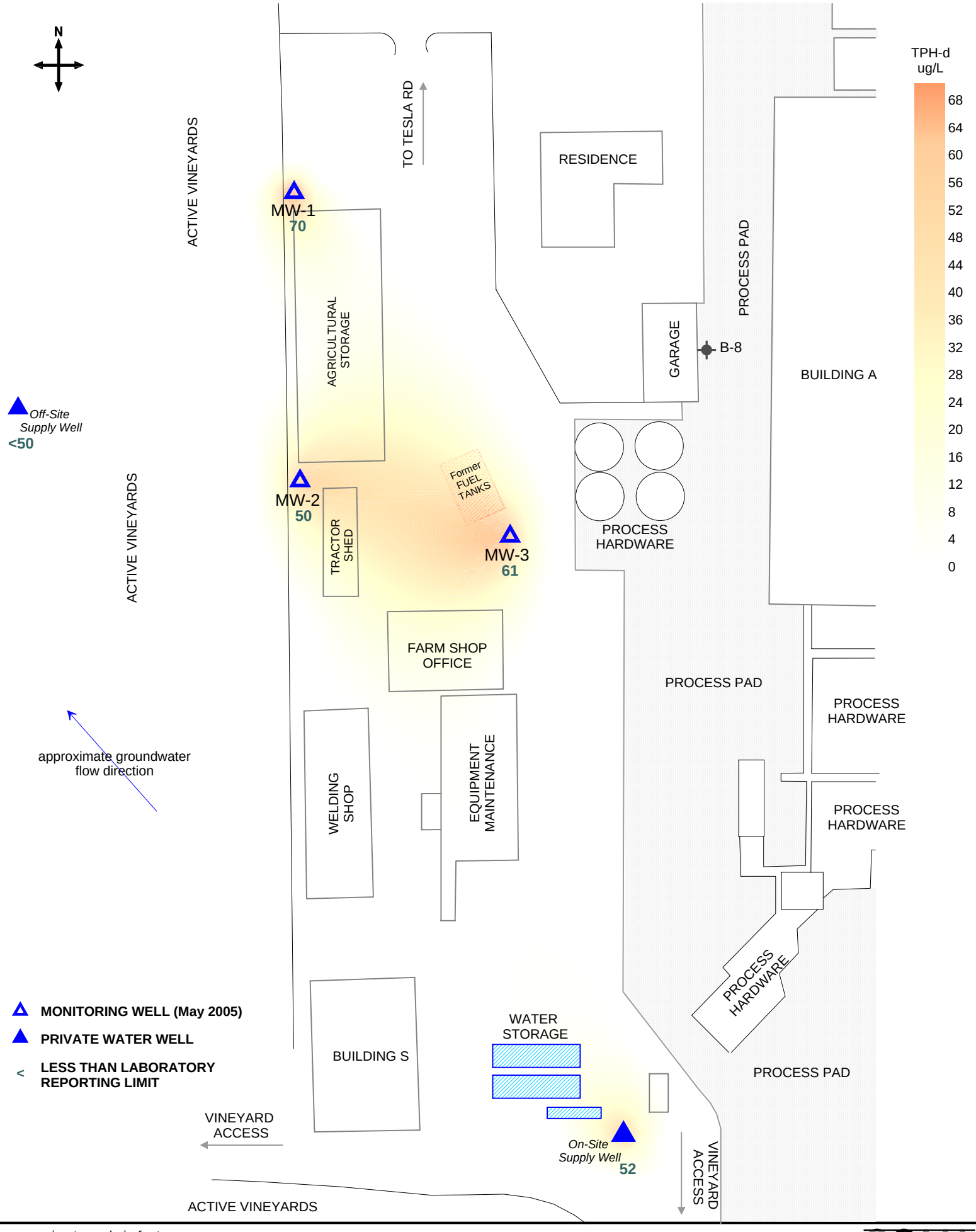

Figure 4: Contour map of TPH-d concentrations in groundwater. May 5, 2006.

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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**
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**
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
	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**
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**

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)
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**

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.

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)

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**
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**
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**
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**
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**

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.

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**
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**
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**
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**

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)
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**

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.

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
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**
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**

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

SOMA's Groundwater Monitoring Procedures

Field Activities

On May 5, 2006, SOMA's field crew conducted a groundwater monitoring event in accordance with the procedures and guidelines of the Alameda County Environmental Health Services and the California Regional Water Quality Control Board. Figure 2 shows the locations of the wells.

Water Level Measurements

On May 5, 2006, a total of three monitoring wells (MW-1 to MW-3) were measured for depth to groundwater. On May 5, 2006, additional field measurements and grab groundwater samples were collected from all of the monitoring wells, as well as, an onsite supply well and off-site supply well.

Prior to measuring the groundwater depth at each monitoring well, equalization with the surrounding aquifer was achieved. The well cap was removed each well, and the pressure in each well was then allowed to dissipate. This allowed for a more stable water table level within the well. After a few minutes, and once the water level in the well stabilized, the depth to groundwater in each monitoring well was measured from the top of the casing to the nearest 0.01 foot using an electric sounder.

The depth to groundwater in each monitoring well was measured from the top of the casing to the nearest 0.01 foot using an electric sounder. Harrington Surveys Inc., of Walnut Creek, surveyed the Site on June 3, 2005. The survey datum was based on an elevation of 566.57 NAVD 88. Top of casing elevation data and the depth to groundwater in each monitoring well was used to calculate the groundwater elevation.

The survey data is included in Appendix B for the monitoring wells. The survey was conducted to comply with EDF requests for electronic reporting of data to the State Water Resources Control Board (SWRCB) Database.

Purging and Field Measurements

Prior to collecting samples, each monitoring well was purged using a battery operated 2-inch diameter pump (Model ES-60 DC). At the supply wells, groundwater was extracted using an active pump within the well.

During the purging activities, in order to obtain accurate measurements of groundwater parameters and especially to avoid the intrusion of oxygen from ambient air into the groundwater samples, field measurements were conducted in-situ (i.e., down-hole inside each monitoring well). To minimize the intrusion of air into the water at each supply well, extracted groundwater was discharged through a flow cell.

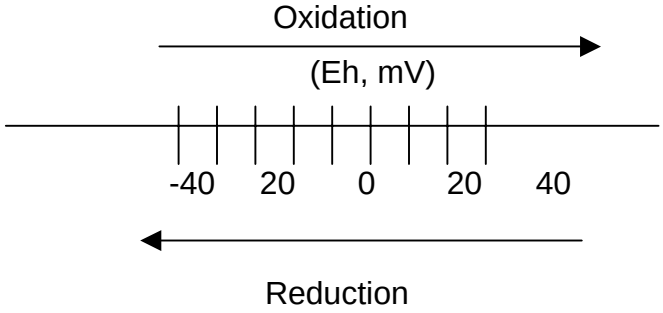
The groundwater parameters such as DO, pH, temperature, EC, turbidity, and the ORP were measured in-situ using a Horiba, Model U-22 multi-parameter instrument. The equipment was calibrated at the Site using standard solutions and procedures provided by the manufacturer.

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 (oxidation reduction potential) 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 proceeds far enough, the environment may become so strongly reduced that the petroleum hydrocarbons may 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 May 5, 2006, for sampling purposes, after purging, a disposable polyethylene bailer was used to collect sufficient samples from each monitoring well for laboratory analyses. Samples from the supply wells were collected using the active downhole pumps.

The groundwater sample was 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 one-liter non-preserved amber glass container. The groundwater samples from each supply well were further transferred into a 250 milliliter poly container. All groundwater samples were placed in an ice chest along with a chain of custody (COC) form. On May 5, 2006, upon completion of the monitoring event, SOMA's field crew delivered the groundwater samples to Curtis and Tompkins in Berkeley, California.

Laboratory Analysis

Curtis and Tompkins, a state certified laboratory, analyzed the groundwater samples at both the monitoring wells and supply wells for TPH-g, TPH-d, TPH-mo, BTEX, MtBE, gasoline oxygenates, lead scavengers, and volatile organic compounds (VOCs). The supply wells were further monitored for metals.

EPA Method 5030B was used to prepare the samples for TPH-g, BTEX, MtBE, gasoline oxygenates, lead scavengers, and VOCs; and analyzed using EPA Method 8260B. EPA Method 3520C was used to prepare the samples for TPH-d and TPH-mo; and 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. The metals were also filtered at the laboratory to verify a more accurate reading.

Appendix B

Table of Elevations & Coordinates on Monitoring Wells

Measured by Harrington Surveys, Inc.,

and

Field Measurements of Physical, Chemical, & Biodegradation

Parameters of the Groundwater Samples

at Time of Sampling

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.

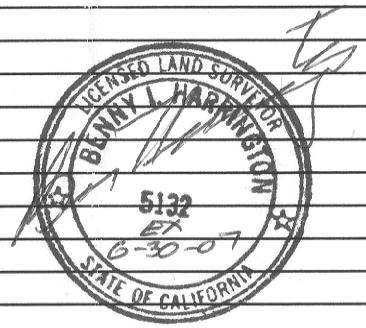
BEN HARRINGTON
PLS 5132

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.:	MW-1	**Project No.:**	2841
Casing Diameter:	2 inch	**Address:**	Wente Vineyards
Depth of Well:	14.80 ft		5565 Tesla Rd, Livermore
Top of Casing Elevation:	615.16 ft	**Date:**	5/5/06
Depth to Groundwater:	5.23 ft	**Sampler:**	John Lohman
Groundwater Elevation:	609.93 ft		Tony Perini
Water Column Height:	9.57 ft		
Purged Volume:	6.5 gallons		

Purging Method: **Bailer** ☐ **Pump** ☑

Sampling Method: **Bailer** ☑ **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
10:05 AM	Started purging well						
10:06 AM	1.0	7.70	6.84	14.91	1650	999	103
10:08 AM	4.0	8.00	6.87	14.86	1650	493	105
10:10 AM	6.5	7.90	6.85	14.84	1650	347	107
10:12 AM	Sampled						

Notes:

ENVIRONMENTAL ENGINEERING, INC

Well No.:	MW 2	**Project No.:**	2841
Casing Diameter:	2 inch	**Address:**	Wente Vineyards
Depth of Well:	14.90 ft		5565 Tesla Rd, Livermore
Top of Casing Elevation:	616.03 ft	**Date:**	5/5/06
Depth to Groundwater:	5.58 ft	**Sampler:**	John Lohman
Groundwater Elevation:	610.45 ft		Tony Perini
Water Column Height:	9.32 ft		
Purged Volume:	10 gallons		

Purging Method: **Bailer** ☐ **Pump** ☒

Sampling Method: **Bailer** ☒ **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
10:18 Am	START PURGE						
10:20 Am	1.0	7.85	6.36	15.75	1700	411	102
10:22 Am	4.0	7.68	6.33	15.76	1700	267	106
10:25 Am	7	7.70	6.69	15.78	1700	229	108
10:28 Am	10	7.75	6.70	15.80	1700	197	110
10:30 Am	Sampled						

Notes:

ENVIRONMENTAL ENGINEERING, INC

Well No.:	MW3	**Project No.:**	2841
Casing Diameter:	2 inch	**Address:**	Wente Vineyards
Depth of Well:	13.35 ft		5565 Tesla Rd, Livermore
Top of Casing Elevation:	617.32 ft	**Date:**	5/5/06
Depth to Groundwater:	5.94 ft	**Sampler:**	John Lohman
Groundwater Elevation:	611.38 ft		Tony Perini
Water Column Height:	7.41 ft		
Purged Volume:	10 gallons		

Purging Method: **Bailer** ☐ **Pump** ☑

Sampling Method: **Bailer** ☑ **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
10:38 AM	START	PURGE					
10:40 AM	1.0	7.70	6.87	16.12	1700	999	103
10:42 AM	4.0	7.40	6.87	16.12	1700	371	106
10:44 AM	8.0	7.20	6.84	16.12	1700	279	108
10:48 AM	SAMPLES						

Notes:

ENVIRONMENTAL ENGINEERING, INC

Well No.: off site 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: _____ ft
Purged Volume: 38 gallons

Project No.: 2841
Address: Wente Vineyards
5565 Tesla Rd, Livermore
Date: 5/5/06
Sampler: John Lohman
Tony Perini

Purging Method: **Bailer** ☐ **Pump** ☐ on-site pump

Sampling Method: **Bailer** ☐ **Pump** ☐ on-site 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
8:52 AM	started purging well						
9:00 AM	12	13.65	5.13	17.94	1440	278	140
9:03 AM	20	11.63	5.84	17.61	1720	385	122
9:08 AM	30	11.97	6.21	17.87	1690	577	108
9:12 AM	38	11.80	6.20	17.95	1690	473	102
9:15 AM	SAMPLES						

Notes:
NC- not calculated
NS- not surveyed
NM- not measured

ENVIRONMENTAL ENGINEERING, INC

Well No.:	Onsitewell	**Project No.:**	2841
Casing Diameter:	_____ inch	**Address:**	Wente Vineyards
Depth of Well:	nm ft		5565 Tesla Rd, Livermore
Top of Casing Elevation:	ns ft	**Date:**	5/5/06
Depth to Groundwater:	nm ft	**Sampler:**	John Lohman
Groundwater Elevation:	nc ft		Tony Perini
Water Column Height:	_____ ft		
Purged Volume:	32 gallons		

Purging Method: **Bailer** ☐ **Pump** ☒ onsite

Sampling Method: **Bailer** ☐ **Pump** ☒ onsite

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
9:30 AM	START PURGE						
9:33 AM	8	10	6.29	17.52	1670	107	99
9:36 AM	24	10	6.21	17.30	1680	102	99
9:38 AM	32	10	6.28	17.39	1670	103	99
9:40 AM	SAMPLES						

Notes:

nc - not calculated
ns - not surveyed
nm - not measured

Appendix C

Chain of Custody Form and Laboratory Report

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

A N A L Y T I C A L R E P O R T

Prepared for:

SOMA Environmental Engineering Inc.
6620 Owens Dr.
Suite A
Pleasanton, CA 94588

Date: 22-MAY-06
Lab Job Number: 186645
Project ID: 2841
Location: 5565 Tesla Rd, Livermore

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.

Reviewed by: _____
Project Manager

Reviewed by: _____
Operations Manager

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	186645
Client:	**SOMA Environmental Engineering Inc.**
Project:	2841
Location:	**5565 Tesla Rd, Livermore**
Request Date:	05/05/06
Samples Received:	05/05/06

This hardcopy data package contains sample and QC results for five water samples, requested for the above referenced project on 05/05/06. 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):
High recoveries were observed for a number of analytes in the MS/MSD for batch 113303; the parent sample was not a project sample, the LCS was within limits, the associated RPDs were within limits, and these analytes were not detected at or above the RL in the associated samples. No other analytical problems were encountered.

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

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 # 186645

Sampler: Tony Perini / John Lehman

Project No: 2841

Report To: Tony Perini

Project Name: 5565 Tesla Rd, Livermore

Company : SOMA Environmental

Turnaround Time: Standard

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 / TPH-mo	Analyses: Volatile Organics (full 8260B list)	Analyses: Metals	Analyses: Gasoline Oxygenates & lead scavengers	Analyses: BTEX/MtBE 8260B
-1	Off-site Supply Well	5/5/06 9:15		*		4-VOAs/ 1 L Amber/ 250 ml Poly	*		*	*	*	*	*	*	*	*	
-2	On-site Supply Well	9:40		*		4-VOAs/ 1 L Amber/ 250 ml Poly	*		*	*	*	*	*	*	*	*	
-3	MW-1	10:12		*		4-VOAs/ 1-L Amber	*			*	*	*	*				*
-4	MW-2	10:30		*		4-VOAs/ 1-L Amber	*			*	*	*	*				*
-5	MW-3	10:48		*		4-VOAs/ 1-L Amber	*			*	*	*	*				*

Notes: **EDF OUTPUT REQUIRED**
VOCs and Metals for supply wells (GAS OK.)
Metals include cadmium, chromium, lead nickel, and zinc
GasOx to include ethanol
Filter - 0.45 micro
Confirmation 5/8/06 CB

RELINQUISHED BY:

	DATE/TIME
[signature]	5/5/06 3:35
	DATE/TIME
	DATE/TIME

RECEIVED BY:

	DATE/TIME
[signature]	5/5/06 3:35
	DATE/TIME
	DATE/TIME

Lisa Brooker

From: "Tony Perini" <tperini@somaenv.com>
To: <lisa@ctberk.com>
Sent: Wednesday, May 17, 2006 9:41 AM
Subject: Livermore

For SOMA's Project ID 2841-Livermore, I need to have an additional volatile organics analysis for wells MW-1 to MW-3, full target list. Can this be added to the exiting analysis that has already been run for wells MW-1 to MW-3. The analysis for the supply wells is complete. The C&T lab ID for this project is 186645-Livermore.

CHAIN OF CUSTODY

Page 1 of 1

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

C&T LOGIN # 15647

Sampler: Tony Perini / Chris Lehman

Project No: 2841
Project Name: 5565 Tesla Rd, Livermore
Turnaround Time: Standard

Report To: Tony Perini
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 / TPH-mo	Analyses: Volatile Organics (full 8260B list)	Analyses: Metals	Analyses: Gasoline Oxygenates & lead scavengers	Analyses: BTEX/MtBE 8260B
-1	Off-site Supply Well	5/5/06 9:15 AM		*		4-VOAs/ 1 L Amber/ 250 ml Poly	*		*	*	*	*	*	*	*	*	
-2	On-site Supply Well	9:40 AM		*		4-VOAs/ 1 L Amber/ 250 ml Poly	*		*	*	*	*	*	*	*	*	
-3	MW-1	10:12 AM		*		4-VOAs/ 1-L Amber	*			*	*	*	*	X		X	*
-4	MW-2	10:30 AM		*		4-VOAs/ 1-L Amber	*			*	*	*	*	X		X	*
-5	MW-3	10:48 AM		*		4-VOAs/ 1-L Amber	*			*	*	*	*	X		X	*

Notes: **EDF OUTPUT REQUIRED**
~~VOCs and~~ Metals for supply wells (GAS OR)
Metals include cadmium, chromium, lead nickel, and zinc
GasOx to include ethanol
Fork - 0.45 micro

RELINQUISHED BY:	RECEIVED BY:
3:35 5/5/06 DATE/TIME	5/5/06 3:35 DATE/TIME
DATE/TIME	DATE/TIME
DATE/TIME	DATE/TIME

May 17 06 10:33a
May 03 06 11:23a
P.2
P.2

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	186645	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3520C
Project#:	2841	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	05/05/06
Units:	ug/L	Received:	05/05/06
Diln Fac:	1.000	Prepared:	05/08/06
Batch#:	113167	Analyzed:	05/10/06

Field ID: OFF-SITE SUPPLY WELL Lab ID: 186645-001
Type: SAMPLE

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	115	65-130

Field ID: ON-SITE SUPPLY WELL Lab ID: 186645-002
Type: SAMPLE

Analyte	Result	RL
Diesel C10-C24	52 Y	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	118	65-130

Field ID: MW-1 Lab ID: 186645-003
Type: SAMPLE

Analyte	Result	RL
Diesel C10-C24	70 H Y	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	114	65-130

H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	186645	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3520C
Project#:	2841	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	05/05/06
Units:	ug/L	Received:	05/05/06
Diln Fac:	1.000	Prepared:	05/08/06
Batch#:	113167	Analyzed:	05/10/06

Field ID: MW-2 Lab ID: 186645-004
Type: SAMPLE

Analyte	Result	RL
Diesel C10-C24	50 H Y	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	117	65-130

Field ID: MW-3 Lab ID: 186645-005
Type: SAMPLE

Analyte	Result	RL
Diesel C10-C24	61 H Y	50
Motor Oil C24-C36	ND	300

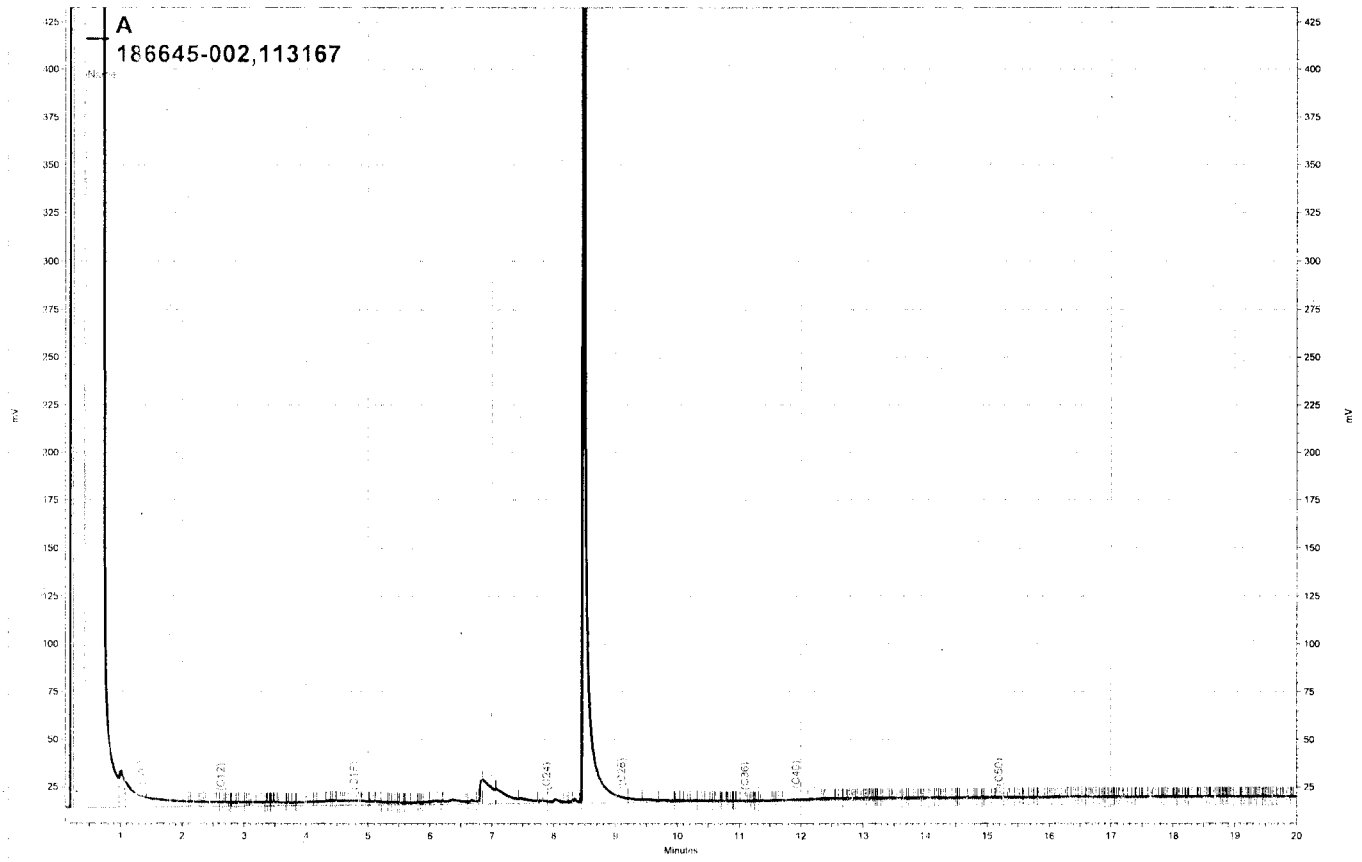
Surrogate	%REC	Limits
Hexacosane	130	65-130

Type: BLANK Cleanup Method: EPA 3630C
Lab ID: QC338954

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	92	65-130

H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit



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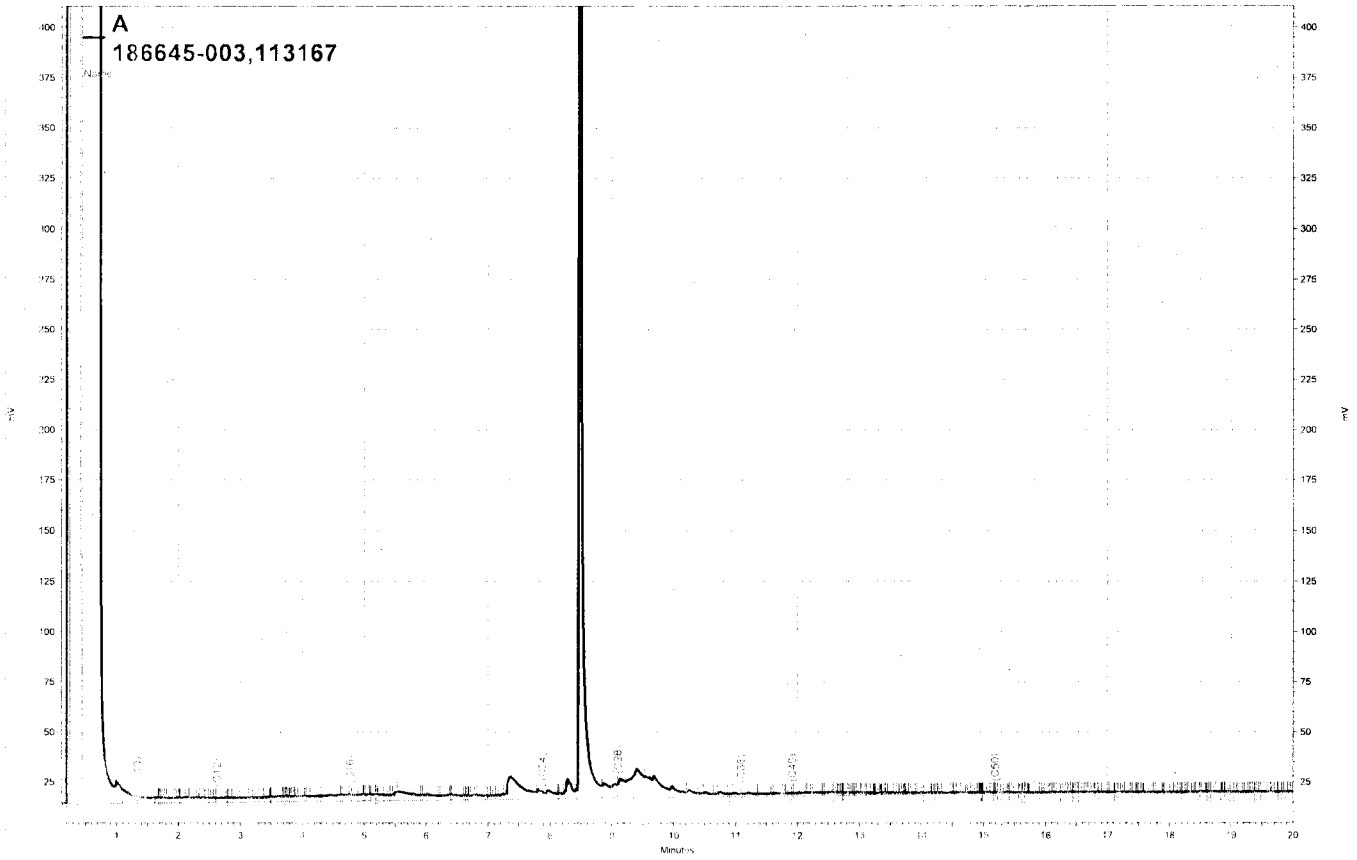

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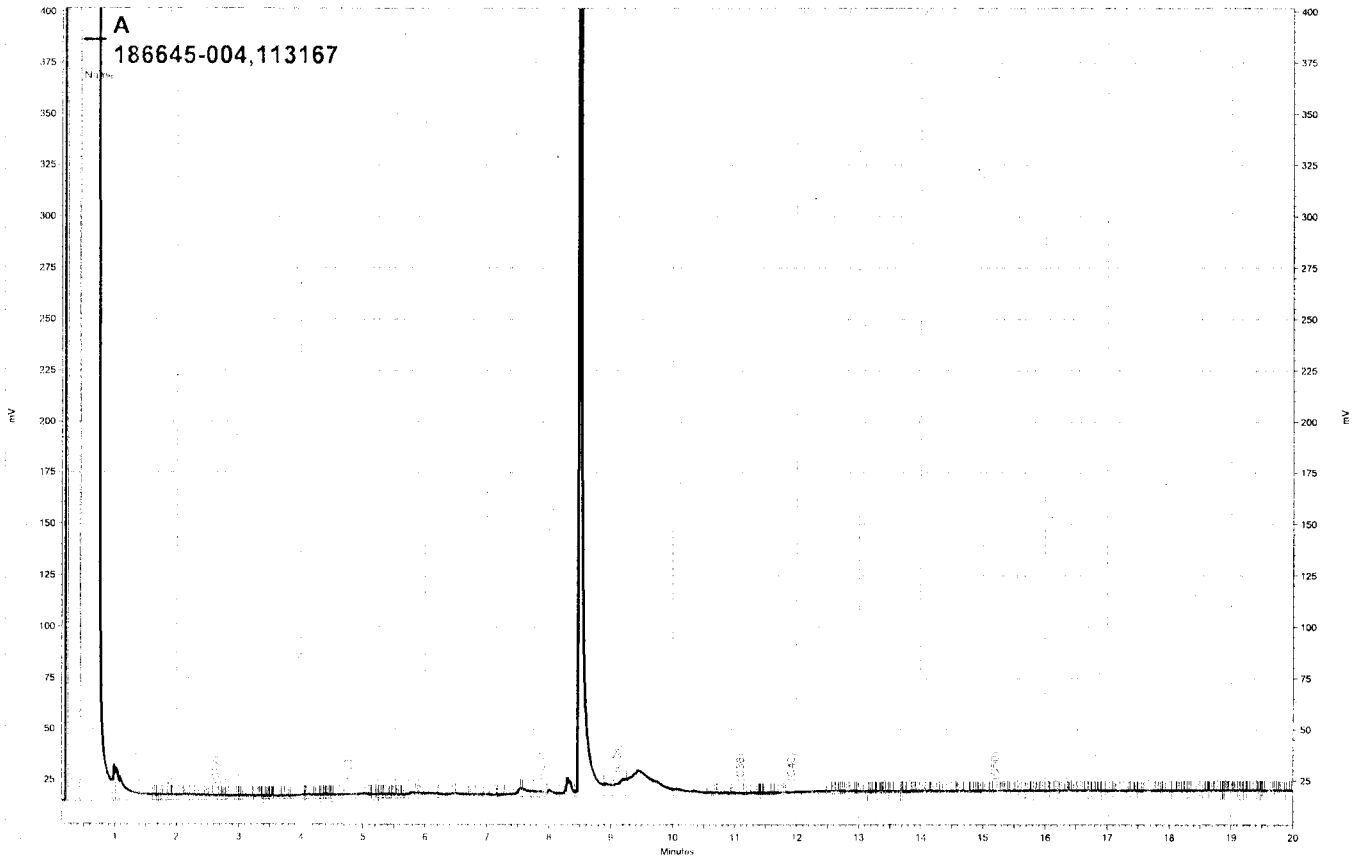

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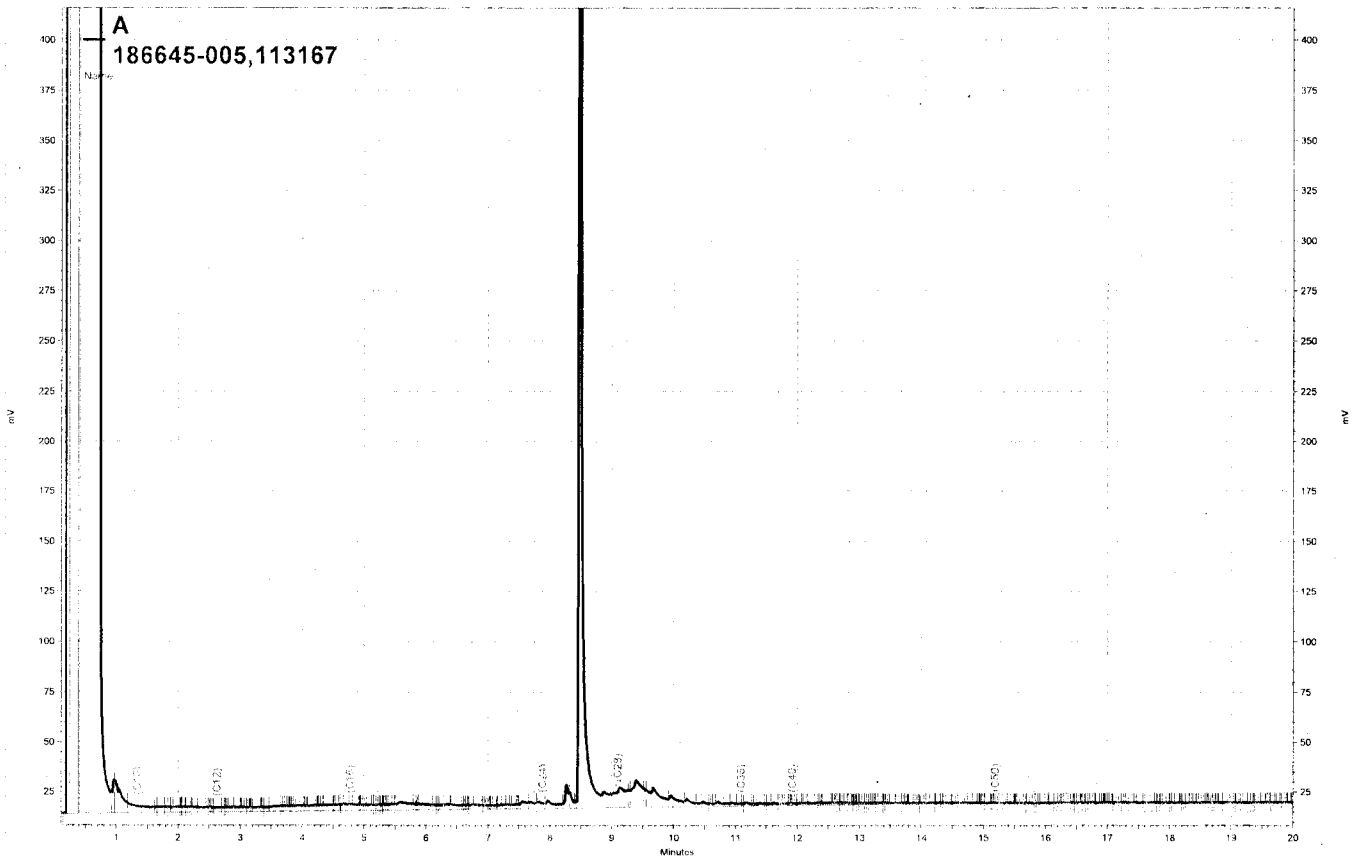

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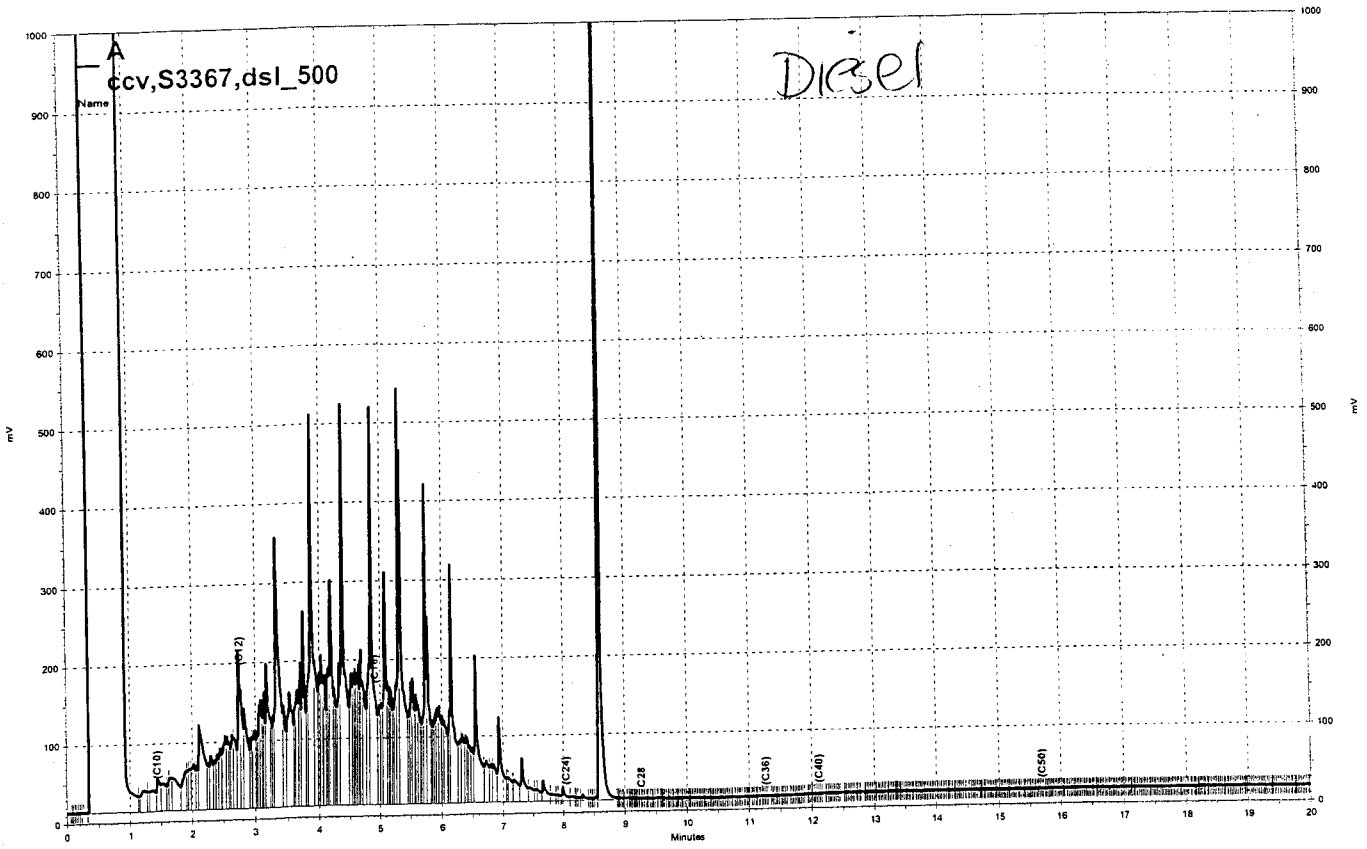

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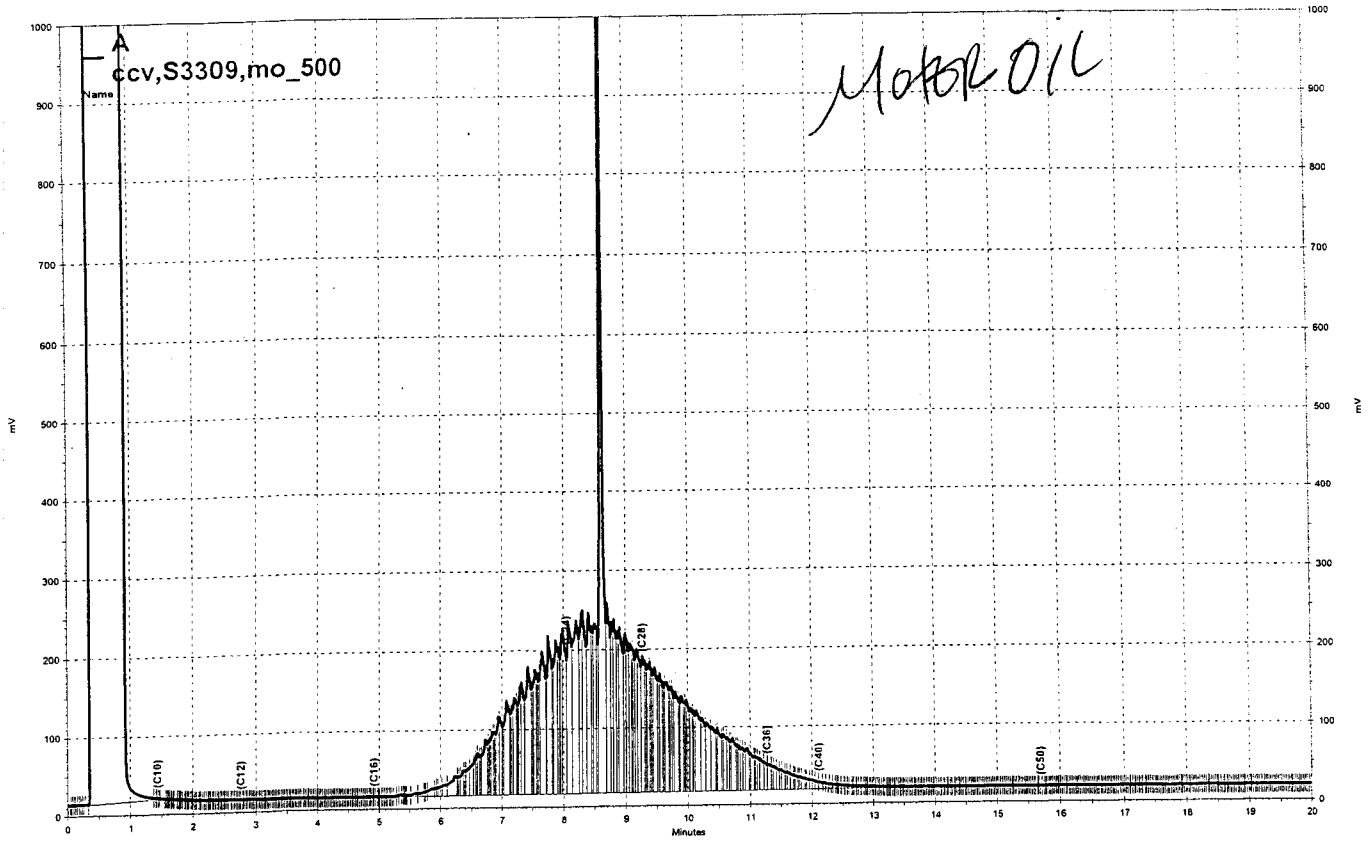

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Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	186645	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3520C
Project#:	2841	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	113167
Units:	ug/L	Prepared:	05/08/06
Diln Fac:	1.000	Analyzed:	05/10/06

Type: BS
Lab ID: QC338955
Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,215	89	61-133

Surrogate	%REC	Limits
Hexacosane	98	65-130

Type: BSD
Lab ID: QC338956
Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,732	109	61-133	21	31

Surrogate	%REC	Limits
Hexacosane	123	65-130

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Gasoline by GC/MS

Lab #:	186645	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2841	Analysis:	EPA 8260B
Field ID:	OFF-SITE SUPPLY WELL	Diln Fac:	1.000
Lab ID:	186645-001	Sampled:	05/05/06
Matrix:	Water	Received:	05/05/06
Units:	ug/L		

Analyte	Result	RL	Batch#	Analyzed
Gasoline C7-C12	ND	50	113365	05/12/06
Freon 12	ND	1.0	113303	05/11/06
tert-Butyl Alcohol (TBA)	ND	10	113303	05/11/06
Chloromethane	ND	1.0	113303	05/11/06
Isopropyl Ether (DIPE)	ND	0.5	113303	05/11/06
Vinyl Chloride	ND	0.5	113303	05/11/06
Bromomethane	ND	1.0	113303	05/11/06
Ethyl tert-Butyl Ether (ETBE)	ND	0.5	113303	05/11/06
Chloroethane	ND	1.0	113303	05/11/06
Methyl tert-Amyl Ether (TAME)	ND	0.5	113303	05/11/06
Trichlorofluoromethane	ND	1.0	113303	05/11/06
Ethanol	ND	1,000	113303	05/11/06
Acetone	ND	10	113303	05/11/06
Freon 113	ND	5.0	113303	05/11/06
1,1-Dichloroethene	ND	0.5	113303	05/11/06
Methylene Chloride	ND	10	113303	05/11/06
Carbon Disulfide	ND	0.5	113303	05/11/06
MTBE	ND	0.5	113303	05/11/06
trans-1,2-Dichloroethene	ND	0.5	113303	05/11/06
Vinyl Acetate	ND	10	113303	05/11/06
1,1-Dichloroethane	ND	0.5	113303	05/11/06
2-Butanone	ND	10	113303	05/11/06
cis-1,2-Dichloroethene	ND	0.5	113303	05/11/06
2,2-Dichloropropane	ND	0.5	113303	05/11/06
Chloroform	ND	0.5	113303	05/11/06
Bromochloromethane	ND	0.5	113303	05/11/06
1,1,1-Trichloroethane	ND	0.5	113303	05/11/06
1,1-Dichloropropene	ND	0.5	113303	05/11/06
Carbon Tetrachloride	ND	0.5	113303	05/11/06
1,2-Dichloroethane	ND	0.5	113303	05/11/06
Benzene	ND	0.5	113303	05/11/06
Trichloroethene	ND	0.5	113303	05/11/06
1,2-Dichloropropane	ND	0.5	113303	05/11/06
Bromodichloromethane	ND	0.5	113303	05/11/06
Dibromomethane	ND	0.5	113303	05/11/06
4-Methyl-2-Pentanone	ND	10	113303	05/11/06
cis-1,3-Dichloropropene	ND	0.5	113303	05/11/06
Toluene	ND	0.5	113303	05/11/06
trans-1,3-Dichloropropene	ND	0.5	113303	05/11/06
1,1,2-Trichloroethane	ND	0.5	113303	05/11/06
2-Hexanone	ND	10	113303	05/11/06
1,3-Dichloropropane	ND	0.5	113303	05/11/06
Tetrachloroethene	ND	0.5	113303	05/11/06
Dibromochloromethane	ND	0.5	113303	05/11/06
1,2-Dibromoethane	ND	0.5	113303	05/11/06
Chlorobenzene	ND	0.5	113303	05/11/06
1,1,1,2-Tetrachloroethane	ND	0.5	113303	05/11/06
Ethylbenzene	ND	0.5	113303	05/11/06
m,p-Xylenes	ND	0.5	113303	05/11/06
o-Xylene	ND	0.5	113303	05/11/06
Styrene	ND	0.5	113303	05/11/06
Bromoform	ND	1.0	113303	05/11/06
Isopropylbenzene	ND	0.5	113303	05/11/06
1,1,2,2-Tetrachloroethane	ND	0.5	113303	05/11/06
1,2,3-Trichloropropane	ND	0.5	113303	05/11/06

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Gasoline by GC/MS

Lab #:	186645	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2841	Analysis:	EPA 8260B
Field ID:	OFF-SITE SUPPLY WELL	Diln Fac:	1.000
Lab ID:	186645-001	Sampled:	05/05/06
Matrix:	Water	Received:	05/05/06
Units:	ug/L		

Analyte	Result	RL	Batch#	Analyzed
Propylbenzene	ND	0.5	113303	05/11/06
Bromobenzene	ND	0.5	113303	05/11/06
1,3,5-Trimethylbenzene	ND	0.5	113303	05/11/06
2-Chlorotoluene	ND	0.5	113303	05/11/06
4-Chlorotoluene	ND	0.5	113303	05/11/06
tert-Butylbenzene	ND	0.5	113303	05/11/06
1,2,4-Trimethylbenzene	ND	0.5	113303	05/11/06
sec-Butylbenzene	ND	0.5	113303	05/11/06
para-Isopropyl Toluene	ND	0.5	113303	05/11/06
1,3-Dichlorobenzene	ND	0.5	113303	05/11/06
1,4-Dichlorobenzene	ND	0.5	113303	05/11/06
n-Butylbenzene	ND	0.5	113303	05/11/06
1,2-Dichlorobenzene	ND	0.5	113303	05/11/06
1,2-Dibromo-3-Chloropropane	ND	2.0	113303	05/11/06
1,2,4-Trichlorobenzene	ND	0.5	113303	05/11/06
Hexachlorobutadiene	ND	0.5	113303	05/11/06
Naphthalene	ND	2.0	113303	05/11/06
1,2,3-Trichlorobenzene	ND	0.5	113303	05/11/06

Surrogate	%REC	Limits	Batch#	Analyzed
Dibromofluoromethane	111	80-120	113303	05/11/06
1,2-Dichloroethane-d4	101	80-130	113303	05/11/06
Toluene-d8	103	80-120	113303	05/11/06
Bromofluorobenzene	107	80-122	113303	05/11/06

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Gasoline by GC/MS

Lab #:	186645	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2841	Analysis:	EPA 8260B
Field ID:	ON-SITE SUPPLY WELL	Diln Fac:	1.000
Lab ID:	186645-002	Sampled:	05/05/06
Matrix:	Water	Received:	05/05/06
Units:	ug/L	Analyzed:	05/12/06

Analyte	Result	RL	Batch#
Gasoline C7-C12	ND	50	113365
Freon 12	ND	1.0	113303
tert-Butyl Alcohol (TBA)	ND	10	113303
Chloromethane	ND	1.0	113303
Isopropyl Ether (DIPE)	ND	0.5	113303
Vinyl Chloride	ND	0.5	113303
Bromomethane	ND	1.0	113303
Ethyl tert-Butyl Ether (ETBE)	ND	0.5	113303
Chloroethane	ND	1.0	113303
Methyl tert-Amyl Ether (TAME)	ND	0.5	113303
Trichlorofluoromethane	ND	1.0	113303
Ethanol	ND	1,000	113303
Acetone	ND	10	113303
Freon 113	ND	5.0	113303
1,1-Dichloroethene	ND	0.5	113303
Methylene Chloride	ND	10	113303
Carbon Disulfide	ND	0.5	113303
MTBE	ND	0.5	113303
trans-1,2-Dichloroethene	ND	0.5	113303
Vinyl Acetate	ND	10	113303
1,1-Dichloroethane	ND	0.5	113303
2-Butanone	ND	10	113303
cis-1,2-Dichloroethene	ND	0.5	113303
2,2-Dichloropropane	ND	0.5	113303
Chloroform	ND	0.5	113303
Bromochloromethane	ND	0.5	113303
1,1,1-Trichloroethane	ND	0.5	113303
1,1-Dichloropropene	ND	0.5	113303
Carbon Tetrachloride	ND	0.5	113303
1,2-Dichloroethane	ND	0.5	113303
Benzene	ND	0.5	113303
Trichloroethene	ND	0.5	113303
1,2-Dichloropropane	ND	0.5	113303
Bromodichloromethane	ND	0.5	113303
Dibromomethane	ND	0.5	113303
4-Methyl-2-Pentanone	ND	10	113303
cis-1,3-Dichloropropene	ND	0.5	113303
Toluene	ND	0.5	113303
trans-1,3-Dichloropropene	ND	0.5	113303
1,1,2-Trichloroethane	ND	0.5	113303
2-Hexanone	ND	10	113303
1,3-Dichloropropane	ND	0.5	113303
Tetrachloroethene	ND	0.5	113303
Dibromochloromethane	ND	0.5	113303
1,2-Dibromoethane	ND	0.5	113303
Chlorobenzene	ND	0.5	113303
1,1,1,2-Tetrachloroethane	ND	0.5	113303
Ethylbenzene	ND	0.5	113303
m,p-Xylenes	ND	0.5	113303
o-Xylene	ND	0.5	113303
Styrene	ND	0.5	113303
Bromoform	ND	1.0	113303
Isopropylbenzene	ND	0.5	113303
1,1,2,2-Tetrachloroethane	ND	0.5	113303
1,2,3-Trichloropropane	ND	0.5	113303

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Gasoline by GC/MS

Lab #:	186645	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2841	Analysis:	EPA 8260B
Field ID:	ON-SITE SUPPLY WELL	Diln Fac:	1.000
Lab ID:	186645-002	Sampled:	05/05/06
Matrix:	Water	Received:	05/05/06
Units:	ug/L	Analyzed:	05/12/06

Analyte	Result	RL	Batch#
Propylbenzene	ND	0.5	113303
Bromobenzene	ND	0.5	113303
1,3,5-Trimethylbenzene	ND	0.5	113303
2-Chlorotoluene	ND	0.5	113303
4-Chlorotoluene	ND	0.5	113303
tert-Butylbenzene	ND	0.5	113303
1,2,4-Trimethylbenzene	ND	0.5	113303
sec-Butylbenzene	ND	0.5	113303
para-Isopropyl Toluene	ND	0.5	113303
1,3-Dichlorobenzene	ND	0.5	113303
1,4-Dichlorobenzene	ND	0.5	113303
n-Butylbenzene	ND	0.5	113303
1,2-Dichlorobenzene	ND	0.5	113303
1,2-Dibromo-3-Chloropropane	ND	2.0	113303
1,2,4-Trichlorobenzene	ND	0.5	113303
Hexachlorobutadiene	ND	0.5	113303
Naphthalene	ND	2.0	113303
1,2,3-Trichlorobenzene	ND	0.5	113303

Surrogate	%REC	Limits	Batch#
Dibromofluoromethane	113	80-120	113303
1,2-Dichloroethane-d4	101	80-130	113303
Toluene-d8	103	80-120	113303
Bromofluorobenzene	107	80-122	113303

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Gasoline by GC/MS

Lab #:	186645	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2841	Analysis:	EPA 8260B
Field ID:	MW-1	Batch#:	113312
Lab ID:	186645-003	Sampled:	05/05/06
Matrix:	Water	Received:	05/05/06
Units:	ug/L	Analyzed:	05/11/06
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	50
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
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	5.0
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 #:	186645	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2841	Analysis:	EPA 8260B
Field ID:	MW-1	Batch#:	113312
Lab ID:	186645-003	Sampled:	05/05/06
Matrix:	Water	Received:	05/05/06
Units:	ug/L	Analyzed:	05/11/06
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	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-120
1,2-Dichloroethane-d4	95	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	119	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Gasoline by GC/MS

Lab #:	186645	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2841	Analysis:	EPA 8260B
Field ID:	MW-2	Batch#:	113312
Lab ID:	186645-004	Sampled:	05/05/06
Matrix:	Water	Received:	05/05/06
Units:	ug/L	Analyzed:	05/11/06
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	50
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
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	5.0
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 #:	186645	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2841	Analysis:	EPA 8260B
Field ID:	MW-2	Batch#:	113312
Lab ID:	186645-004	Sampled:	05/05/06
Matrix:	Water	Received:	05/05/06
Units:	ug/L	Analyzed:	05/11/06
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	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-120
1,2-Dichloroethane-d4	98	80-130
Toluene-d8	103	80-120
Bromofluorobenzene	120	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Gasoline by GC/MS

Lab #:	186645	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2841	Analysis:	EPA 8260B
Field ID:	MW-3	Batch#:	113312
Lab ID:	186645-005	Sampled:	05/05/06
Matrix:	Water	Received:	05/05/06
Units:	ug/L	Analyzed:	05/11/06
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	50
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
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	5.0
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 #:	186645	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2841	Analysis:	EPA 8260B
Field ID:	MW-3	Batch#:	113312
Lab ID:	186645-005	Sampled:	05/05/06
Matrix:	Water	Received:	05/05/06
Units:	ug/L	Analyzed:	05/11/06
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	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	103	80-120
1,2-Dichloroethane-d4	97	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	119	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	186645	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:	QC339479	Batch#:	113303
Matrix:	Water	Analyzed:	05/11/06
Units:	ug/L		

Analyte	Result	RL
Gasoline C7-C12	NA	
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
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
Acetone	ND	10
Freon 113	ND	5.0
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

NA= Not Analyzed
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	186645	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:	QC339479	Batch#:	113303
Matrix:	Water	Analyzed:	05/11/06
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	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5
Ethanol	ND	1,000

Surrogate	%REC	Limits
Dibromofluoromethane	112	80-120
1,2-Dichloroethane-d4	107	80-130
Toluene-d8	104	80-120
Bromofluorobenzene	110	80-122

NA= Not Analyzed
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	186645	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:	QC339480	Batch#:	113303
Matrix:	Water	Analyzed:	05/11/06
Units:	ug/L		

Analyte	Result	RL
Gasoline C7-C12	NA	
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
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
Acetone	ND	10
Freon 113	ND	5.0
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

NA= Not Analyzed
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	186645	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:	QC339480	Batch#:	113303
Matrix:	Water	Analyzed:	05/11/06
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	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5
Ethanol	ND	1,000

Surrogate	%REC	Limits
Dibromofluoromethane	106	80-120
1,2-Dichloroethane-d4	96	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	106	80-122

NA= Not Analyzed
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	186645	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:	QC339520	Batch#:	113312
Matrix:	Water	Analyzed:	05/11/06
Units:	ug/L		

Analyte	Result	RL
Gasoline C7-C12	ND	50
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
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	5.0
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 #:	186645	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:	QC339520	Batch#:	113312
Matrix:	Water	Analyzed:	05/11/06
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	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-120
1,2-Dichloroethane-d4	94	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	111	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	186645	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:	QC339737	Batch#:	113365
Matrix:	Water	Analyzed:	05/12/06
Units:	ug/L		

Analyte	Result	RL
Gasoline C7-C12	ND	50
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
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
Acetone	ND	10
Freon 113	ND	5.0
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
1,2,3-Trichloropropane	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	186645	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:	QC339737	Batch#:	113365
Matrix:	Water	Analyzed:	05/12/06
Units:	ug/L		

Analyte	Result	RL
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	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5
Ethanol	ND	1,000

Surrogate	%REC	Limits
Dibromofluoromethane	97	80-120
1,2-Dichloroethane-d4	95	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	119	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	186645	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2841	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC339478	Batch#:	113303
Matrix:	Water	Analyzed:	05/11/06
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	143.9	115	64-141
Isopropyl Ether (DIPE)	25.00	26.26	105	68-123
Ethyl tert-Butyl Ether (ETBE)	25.00	28.46	114	77-129
Methyl tert-Amyl Ether (TAME)	25.00	26.16	105	77-120
1,1-Dichloroethene	25.00	29.86	119	77-128
Benzene	25.00	26.45	106	80-120
Trichloroethene	25.00	26.42	106	80-120
Toluene	25.00	26.66	107	80-120
Chlorobenzene	25.00	25.06	100	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	106	80-120
1,2-Dichloroethane-d4	98	80-130
Toluene-d8	103	80-120
Bromofluorobenzene	98	80-122

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	186645	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2841	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC339517	Batch#:	113312
Matrix:	Water	Analyzed:	05/11/06
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	123.4	99	64-141
Isopropyl Ether (DIPE)	25.00	24.46	98	68-123
Ethyl tert-Butyl Ether (ETBE)	25.00	23.69	95	77-129
Methyl tert-Amyl Ether (TAME)	25.00	24.06	96	77-120
1,1-Dichloroethene	25.00	28.97	116	77-128
Benzene	25.00	25.48	102	80-120
Trichloroethene	25.00	27.55	110	80-120
Toluene	25.00	27.56	110	80-120
Chlorobenzene	25.00	26.17	105	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-120
1,2-Dichloroethane-d4	94	80-130
Toluene-d8	102	80-120
Bromofluorobenzene	106	80-122

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	186645	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2841	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	113312
Units:	ug/L	Analyzed:	05/11/06
Diln Fac:	1.000		

Type: BS Lab ID: QC339518

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	998.2	100	70-130

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	95	80-130
Toluene-d8	102	80-120
Bromofluorobenzene	108	80-122

Type: BSD Lab ID: QC339519

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	1,000	1,037	104	70-130	4	20

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	94	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	109	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	186645	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2841	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	113365
Units:	ug/L	Analyzed:	05/12/06
Diln Fac:	1.000		

Type: BS Lab ID: QC339735

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

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-120
1,2-Dichloroethane-d4	96	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	108	80-122

Type: BSD Lab ID: QC339736

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	1,000	1,038	104	70-130	1	20

Surrogate	%REC	Limits
Dibromofluoromethane	96	80-120
1,2-Dichloroethane-d4	94	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	108	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	186645	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2841	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	113365
Units:	ug/L	Analyzed:	05/12/06
Diln Fac:	1.000		

Type: BS Lab ID: QC339733

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	119.3	95	64-141
Isopropyl Ether (DIPE)	25.00	24.71	99	68-123
Ethyl tert-Butyl Ether (ETBE)	25.00	23.87	95	77-129
Methyl tert-Amyl Ether (TAME)	25.00	24.22	97	77-120
1,1-Dichloroethene	25.00	28.16	113	77-128
Benzene	25.00	25.80	103	80-120
Trichloroethene	25.00	27.39	110	80-120
Toluene	25.00	26.84	107	80-120
Chlorobenzene	25.00	25.98	104	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-120
1,2-Dichloroethane-d4	96	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	110	80-122

Type: BSD Lab ID: QC339734

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	114.5	92	64-141	4	22
Isopropyl Ether (DIPE)	25.00	24.15	97	68-123	2	20
Ethyl tert-Butyl Ether (ETBE)	25.00	23.87	95	77-129	0	20
Methyl tert-Amyl Ether (TAME)	25.00	24.07	96	77-120	1	20
1,1-Dichloroethene	25.00	28.37	113	77-128	1	20
Benzene	25.00	26.39	106	80-120	2	20
Trichloroethene	25.00	27.49	110	80-120	0	20
Toluene	25.00	27.43	110	80-120	2	20
Chlorobenzene	25.00	27.06	108	80-120	4	20

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	94	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	106	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	186645	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2841	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	113303
MSS Lab ID:	186523-018	Sampled:	05/02/06
Matrix:	Water	Received:	05/02/06
Units:	ug/L	Analyzed:	05/11/06
Diln Fac:	4.000		

Type: MS Lab ID: QC339547

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<3.764	500.0	745.2	149 *	68-148
Isopropyl Ether (DIPE)	<0.2101	100.0	132.8	133 *	74-125
Ethyl tert-Butyl Ether (ETBE)	<0.2999	100.0	136.1	136 *	80-131
Methyl tert-Amyl Ether (TAME)	<0.1295	100.0	111.7	112	78-120
1,1-Dichloroethene	<0.3416	100.0	135.0	135 *	77-129
Benzene	0.5612	100.0	116.1	116	80-122
Trichloroethene	<0.2895	100.0	116.5	117	77-123
Toluene	<0.2511	100.0	118.1	118	80-120
Chlorobenzene	<0.3155	100.0	105.4	105	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	116	80-120
1,2-Dichloroethane-d4	112	80-130
Toluene-d8	107	80-120
Bromofluorobenzene	98	80-122

Type: MSD Lab ID: QC339548

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	500.0	709.9	142	68-148	5	23
Isopropyl Ether (DIPE)	100.0	127.8	128 *	74-125	4	20
Ethyl tert-Butyl Ether (ETBE)	100.0	131.1	131	80-131	4	20
Methyl tert-Amyl Ether (TAME)	100.0	110.2	110	78-120	1	20
1,1-Dichloroethene	100.0	127.5	128	77-129	6	20
Benzene	100.0	110.5	110	80-122	5	20
Trichloroethene	100.0	110.3	110	77-123	5	20
Toluene	100.0	112.0	112	80-120	5	20
Chlorobenzene	100.0	101.4	101	80-120	4	20

Surrogate	%REC	Limits
Dibromofluoromethane	114	80-120
1,2-Dichloroethane-d4	111	80-130
Toluene-d8	106	80-120
Bromofluorobenzene	99	80-122

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	186645	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2841	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Diln Fac:	1.000
MSS Lab ID:	186563-005	Batch#:	113312
Matrix:	Water	Sampled:	05/03/06
Units:	ug/L	Received:	05/03/06

Type: MS Analyzed: 05/11/06
Lab ID: QC339521

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<1.348	125.0	121.8	97	68-148
Isopropyl Ether (DIPE)	<0.02749	25.00	24.77	99	74-125
Ethyl tert-Butyl Ether (ETBE)	<0.03408	25.00	24.02	96	80-131
Methyl tert-Amyl Ether (TAME)	<0.05699	25.00	23.56	94	78-120
1,1-Dichloroethene	<0.08940	25.00	30.19	121	77-129
Benzene	0.04090	25.00	26.80	107	80-122
Trichloroethene	0.2048	25.00	28.64	114	77-123
Toluene	<0.05252	25.00	27.11	108	80-120
Chlorobenzene	<0.04954	25.00	26.45	106	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-120
1,2-Dichloroethane-d4	94	80-130
Toluene-d8	102	80-120
Bromofluorobenzene	108	80-122

Type: MSD Analyzed: 05/12/06
Lab ID: QC339522

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	117.7	94	68-148	3	23
Isopropyl Ether (DIPE)	25.00	24.51	98	74-125	1	20
Ethyl tert-Butyl Ether (ETBE)	25.00	23.59	94	80-131	2	20
Methyl tert-Amyl Ether (TAME)	25.00	23.72	95	78-120	1	20
1,1-Dichloroethene	25.00	30.30	121	77-129	0	20
Benzene	25.00	26.82	107	80-122	0	20
Trichloroethene	25.00	28.09	112	77-123	2	20
Toluene	25.00	27.19	109	80-120	0	20
Chlorobenzene	25.00	26.55	106	80-120	0	20

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	95	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	109	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Dissolved Metals Analytical Report

Lab #:	186645	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3010A
Project#:	2841	Analysis:	EPA 6010B
Units:	ug/L	Received:	05/05/06
Diln Fac:	1.000	Prepared:	05/08/06
Batch#:	113151	Analyzed:	05/08/06
Sampled:	05/05/06		

Field ID: OFF-SITE SUPPLY WELL
Type: SAMPLE
Lab ID: 186645-001
Matrix: Filtrate

Analyte	Result	RL
Cadmium	ND	5.0
Chromium	ND	10
Lead	26	3.0
Nickel	ND	20
Zinc	750	20

Field ID: ON-SITE SUPPLY WELL
Type: SAMPLE
Lab ID: 186645-002
Matrix: Filtrate

Analyte	Result	RL
Cadmium	ND	5.0
Chromium	ND	10
Lead	26	3.0
Nickel	ND	20
Zinc	ND	20

Type: BLANK
Lab ID: QC338875
Matrix: Water

Analyte	Result	RL
Cadmium	ND	5.0
Chromium	ND	10
Lead	ND	3.0
Nickel	ND	20
Zinc	ND	20

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Dissolved Metals Analytical Report

Lab #:	186645	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3010A
Project#:	2841	Analysis:	EPA 6010B
Matrix:	Water	Batch#:	113151
Units:	ug/L	Prepared:	05/08/06
Diln Fac:	1.000	Analyzed:	05/08/06

Type: BS Lab ID: QC338876

Analyte	Spiked	Result	%REC	Limits
Cadmium	50.00	49.69	99	80-120
Chromium	200.0	193.5	97	80-120
Lead	100.0	108.1	108	80-120
Nickel	500.0	484.4	97	80-120
Zinc	500.0	495.5	99	80-120

Type: BSD Lab ID: QC338877

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Cadmium	50.00	51.79	104	80-120	4	20
Chromium	200.0	201.4	101	80-120	4	20
Lead	100.0	113.7	114	80-120	5	20
Nickel	500.0	504.2	101	80-120	4	20
Zinc	500.0	511.0	102	80-120	3	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Dissolved Metals Analytical Report

Lab #:	186645	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3010A
Project#:	2841	Analysis:	EPA 6010B
Field ID:	ZZZZZZZZZZ	Batch#:	113151
MSS Lab ID:	186583-001	Sampled:	05/01/06
Matrix:	Water	Received:	05/04/06
Units:	ug/L	Prepared:	05/08/06
Diln Fac:	1.000	Analyzed:	05/08/06

Type: MS Lab ID: QC338878

Analyte	MSS Result	Spiked	Result	%REC	Limits
Cadmium	<0.5500	50.00	47.99	96	80-120
Chromium	3.701	200.0	191.2	94	80-120
Lead	24.72	100.0	122.0	97	70-120
Nickel	6.272	500.0	455.2	90	77-120
Zinc	26.77	500.0	500.3	95	74-123

Type: MSD Lab ID: QC338879

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Cadmium	50.00	44.55	89	80-120	7	20
Chromium	200.0	176.9	87	80-120	8	20
Lead	100.0	113.0	88	70-120	8	20
Nickel	500.0	422.0	83	77-120	8	20
Zinc	500.0	464.9	88	74-123	7	20

RPD= Relative Percent Difference

Appendix D

Specifications for Off-site well at 5443 Tesla Road

Mansour Sepehr

From: Aris Krimetz [aris@wentevineyards.com]
Sent: Thursday, February 16, 2006 5:06 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.

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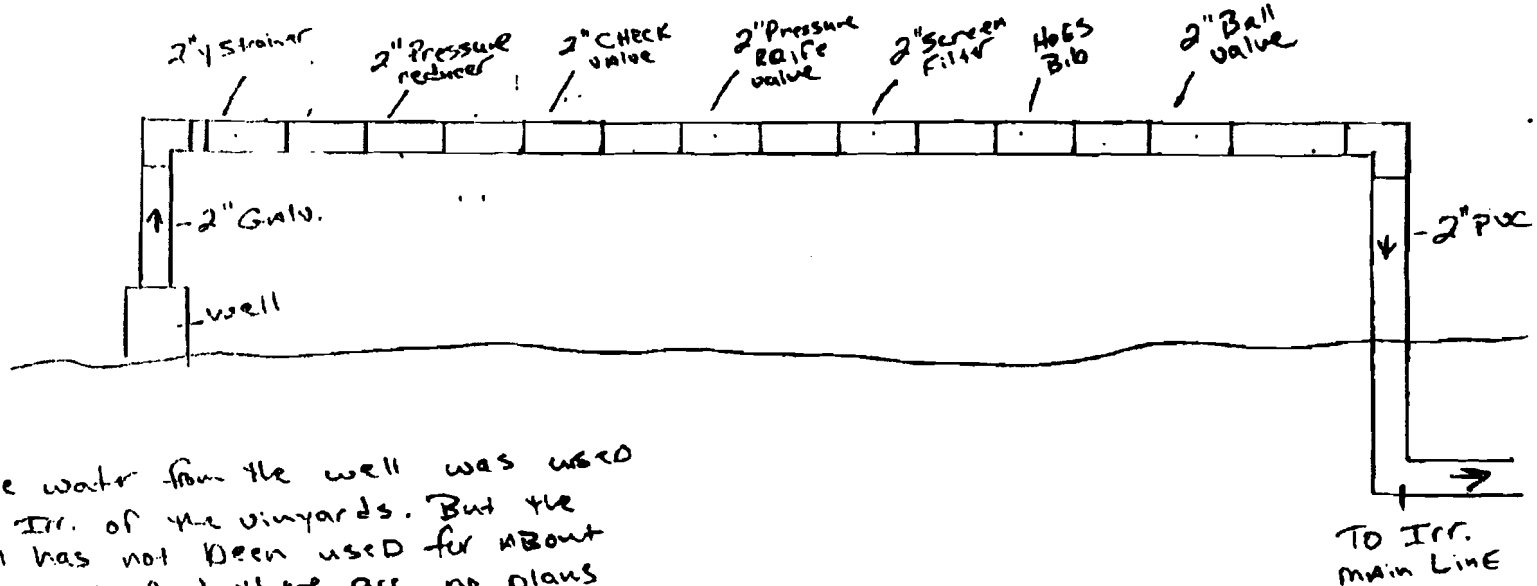

The water from the well was used for Irr. of the vineyards. But the well has not been used for about one year. And there are no plans to use the well in the near future