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April 24, 2008

RECEIVED

2:48 pm, Apr 25, 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 report entitled "Groundwater Monitoring Well Installation" 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

Groundwater Monitoring Well Installation

5565 Tesla Road
Livermore, CA

April 24, 2008

Project 2842

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 Mr. Aris Krimetz, authorized representative of Wente Vineyards located at 5565 Tesla Road, Livermore, California. This report details SOMA's monitoring well installation, as proposed in SOMA's *Remedial Soil Excavation* (November 1, 2007) and *Fourth Quarter Groundwater Monitoring Report* (December 5, 2007) and approved by Alameda County Health Care Services, Environmental Health Services, in December 11, 2007 correspondence (*Fuel Leak Case No. RO0002585 and Geotracker Global ID T0600186816, Wente Winery, 5565 Tesla Road, Livermore, CA 94550*).

Mansour Sepehr, Ph.D., PE
Principal Hydrogeologist

Certification Statement

Claimant

Philip R. Wente — Name

Vice Chairman — Title

5565 Tesla Rd Livermore 94550

Street Address — City — Zip

I declare under penalty of perjury that the information and/or recommendations contained in the attached document or report were prepared under my direction and to the best of my knowledge true and correct.

Signature

4-24-08

Date

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1. INTRODUCTION

SOMA Environmental Engineering, Inc. (SOMA) has prepared this report on behalf of Mr. Aris Krimetz, authorized representative of Wente Vineyards located at 5565 Tesla Road, Livermore, California (the Site). As proposed in SOMA's most recent report (December 5, 2007) and pursuant to Alameda County Environmental Health Services (ACEHS) approval in correspondence of December 11, 2007, SOMA has prepared this report documenting monitoring well installations at the Site.

2. BACKGROUND

In 1987, two fuel underground storage tanks (USTs) were removed from the Site. However, no records of the UST removal are available, and as a result there is no information regarding condition of the USTs, the date of their removal, or evidence of possible leakage.

In 1990, the Alameda County Department of Health (ACDEH) issued a notice of violation (NOV) for discharging waste sludge into an open ditch adjacent to a steam-cleaning bay located at the south end of the steel storage and welding shed. The NOV required sampling of the ditch area and around a stained drum, along with remediation of the contaminated areas.

On November 28, 1990 the ACDEH, Hazardous Material Division, inspected the Site. During this inspection, several areas of stained soil around the maintenance shop were documented, where spillage had occurred. Per ACDEH correspondence dated December 11, 1990, contamination was particularly evident around a group of unlabeled 55-gallon drums behind the shop. Another area of noticeable contamination was identified in the area of an unlined runoff ditch adjacent to the steam-cleaning pad, where waste from steam cleaning vehicles and equipment was drained.

Following inspection by ACDEH, Wente Winery ceased all steam-cleaning operations. These operations did not resume until an appropriate wastewater handling system, with closed loop operations, was installed. All necessary measures were implemented to prevent any future accidental spills. All hazardous wastes are now stored separately, in suitable buildings, and/or provided with acceptable secondary containment, in approved enclosed containers with appropriate labeling.

In November 2002, in accordance with Comerica Bank guidelines, the Clayton Group (Clayton) performed an ASTM D standard Phase I investigation to identify recognized environmental concerns (RECs). The Phase I study revealed the existence of the former USTs, the former waste discharge area, and a number of agricultural storage areas. This study indicated that agricultural chemicals were

previously stored in Building S and in a detached garage. Clayton concluded that the identified areas constituted RECs and recommended sampling these areas for relevant constituents of concern.

In 2003, Clayton performed a subsurface investigation at the Site to implement recommendations of the Phase I report. Soil samples were analyzed for pesticides, herbicides, petroleum hydrocarbons, volatile organic compounds (VOCs), and heavy metals. In the area of the steam-cleaning bay, located south/southwest of the former UST pit, no total petroleum hydrocarbons (TPHs) or VOCs were detected in the soil. However, some metals were detected in the shallow soil, 0.5 to 1 foot below ground surface (bgs), at levels below or slightly above the Environmental Screening Levels (ESLs) set forth by the California Regional Water Quality Control Board (CRWQCB). Petroleum hydrocarbons in the gasoline and motor oil ranges were detected in groundwater at concentrations slightly above Risk Based Screening Levels (RBSLs).

In 2004, Wente 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.

On 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 soil and groundwater next to the former USTs and to evaluate current soil and groundwater conditions in close proximity to the steam-cleaning area. Though laboratory analysis results for groundwater samples collected near the steam-cleaning bay showed presence of some dissolved phase metal concentrations, the levels were not elevated in comparison to ESLs (groundwater in a current or potential source of drinking water). Laboratory analysis showed no detection of TPH as gasoline (TPH-g), as diesel (TPH-d), and as motor oil (TPH-mo), or of organochlorine pesticides in groundwater samples. Results of this investigation are presented in SOMA's report entitled "Phase I: Soil and Groundwater Investigation, Wente Winery, 5565 Tesla Road, Livermore, California," dated July 25, 2005.

To further characterize the Site, on October 26 and 27, 2005, under SOMA's oversight, Gregg Drilling and Testing, Inc. (Gregg) conducted cone penetrometer test (CPT) drilling. Results of this site investigation revealed the presence of three water-bearing zones (WBZs) beneath the Site (Upper, Intermediate and Lower WBZs) separated by two confining layers. Negligible amounts of petroleum hydrocarbons were detected in the area of the steam-cleaning bay, in the Upper WBZ. Investigation results are presented in SOMA's report entitled "Additional Site Investigation to Evaluate the Extent of Groundwater

Contamination, Wente Winery, 5565 Tesla Road, Livermore, California," dated December 6, 2005.

To further evaluate the extent of groundwater contamination in the area of the former steam-cleaning operations, on October 5, 2006, under SOMA's oversight, Fisch Drilling advanced boreholes and collected two depth-discrete groundwater samples. To further evaluate the extent of soil contamination, on October 9 and 10, 2006, under SOMA's oversight, Vironex advanced 11 shallow soil boreholes (HA-1 through HA-11) using a hand auger and soil core sampler. Results of this site investigation revealed elevated levels of TPH-d, TPH-mo, and some metals in the shallow soil around the north, west, and south perimeter of the steam-cleaning areas. Results are presented in SOMA's report entitled "Additional Site Investigation in the Area of Steam Cleaning Operations, Wente Winery, 5565 Tesla Road, Livermore, California," dated November 15, 2006. Upon reviewing SOMA's report, ACEHS requested that an additional investigation be conducted beneath the concrete pad and in the area north of the welding shop to completely delineate soil contamination. On February 6, 2007, under SOMA's oversight, Vironex advanced seven shallow soil boreholes (HA-12 through HA-18), using a hand auger and soil core sampler in the area beneath the concrete pad. No soil contamination was observed beneath the concrete pad during the aforementioned site investigation. Results are presented in SOMA's report entitled "Additional Site Investigation and Work Plan for Shallow Soil Excavation and Sampling, Wente Winery, 5565 Tesla Road, Livermore, California," dated March 2, 2007.

To address soil contamination in the area of former steam-cleaning operations, from September 2007 to December 2007 SOMA performed remedial action activity consisting of soil excavation, confirmation soil sampling, soil disposal at appropriate facility and site restoration with imported clean fill. Results of above remedial actions are presented in SOMA's report entitled "Remedial Soil Excavation, Wente Winery, 5565 Tesla Road, Livermore, California," dated November 1, 2007 and correspondence titled "Addendum to Remedial Soil Excavation," dated December 26, 2007.

3. SCOPE OF WORK

In monitoring events over the past 24 months, zinc was detected in water samples from the off-site supply well and/or the on-site supply well. In the Fourth Quarter 2008 groundwater monitoring event, no chemicals were detected at concentrations exceeding California Maximum Contaminant Levels for drinking water. In its November 1, 2007 report, "Remedial Soil Excavation," SOMA 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 installed upgradient of the off-site water supply well (locations shown in Figure 2).

Pursuant to ACEHS approval, the following describes tasks performed to facilitate implementation of the scope of work:

Task 1: Permit Acquisition, Health and Safety Plan Preparation, and Subsurface Utility Clearance
Task 2: Monitoring Well Installation
Task 3: Monitoring Well Development and Survey
Task 4: Lithology and Hydrogeology Characterization
Task 5: Laboratory Analysis

3.1 Permit Acquisition, Health and Safety Plan Preparation, and Subsurface Utility Clearance

Prior to initiating field activities, SOMA obtained the necessary drilling permits from the Zone 7 Water Agency (permit number 28027) on March 10, 2008. Permit copies are included in Appendix A.

Before initiating field activities, SOMA prepared a site-specific Health and Safety Plan (HASP). The HASP is a requirement of the Occupational Safety and Health Administration (OSHA), "Hazardous Waste Operation and Emergency Response" guidelines (29 CFR 1910.120) and the California Occupational Safety and Health Administration (Cal/OSHA) "Hazardous Waste Operation and Emergency Response" guidelines (CCR Title 8, section 5192). The HASP is designed to address safety provisions during field activities and protect the field crew from physical and chemical hazards resulting from drilling and sampling. It establishes personnel responsibilities, general safe work practices, field procedures, personal protective equipment standards, decontamination procedures, and emergency action plans. The HASP was reviewed and signed by field staff and contractors prior to beginning field operations at the Site.

SOMA also contacted Underground Service Alert (USA) to clear the drilling areas of underground utilities. USA clearance was obtained March 7, 2008 (#083378). Prior to well installation activities, SOMA's field crew visited the Site and marked well locations, as recommended in ACEHS correspondence dated December 11, 2007, using chalk-based white paint and flags where feasible.

3.2 Monitoring Well Installation

3.2.1 Upper WBZ Monitoring Well Installation

On March 12 and 13, 2008, WDC Exploration & Wells (WDC) installed two monitoring wells (MWS-1 and MWS-2) within the Upper WBZ. To clear all underground utilities, the wells were hand augured to 5 feet bgs. Using hollow stem auger (HSA) drilling technology, the well boreholes were then continuously sampled to approximately 35 and 25 feet bgs, respectively, with split spoon

sampling commencing at 5 feet bgs in well MWS-1 and at 10 feet bgs in MWS-2. Using the Unified Soil Classification System, SOMA's field geologist logged samples to characterize lithologic content of the borehole, and verified thickness of the saturated zone in the borehole. Figures 3 and 4 illustrate the location of the cross-section and summarize a historical cross-section by incorporating the newly installed groundwater monitoring wells within the Upper WBZ. In addition, SOMA's field geologist screened representative soil samples of different soil units encountered during the well installation for volatile vapors using a photo-ionization detector (PID). At each screened depth, results were noted on respective geologic boring logs. (Appendix B).

After advancing boring MWS-1 to 35-foot depth and boring MWS-2 to 25-foot depth, 2-inch-diameter threaded, factory-slotted and blank schedule 2-inch 40 PVC pipes (schedule 40 polyvinyl chloride) were installed, with a 0.02-inch perforated screen (0.02-inch-wide by 1.5-inch-long slot size with 42 slots per foot) spanning 25 to 35 feet bgs and 10 to 25 feet bgs, respectively. The drilling crew attached threaded PVC cap on the bottom of the casing, without use of adhesives, and the top of the casing was fitted with a locking well cap. After the screen and well riser were positioned, a filter pack (consisting of Monterey #3 silica sand) was emplaced into the annular space from the base of the well to approximately 24 feet bgs in MWS-1 and 9 feet bgs in well MWS-2.

After the filter pack set, the well was sealed to ground surface. To keep grout out of the filter pack, bentonite was placed approximately 2 feet above the top of the filter. Bentonite was emplaced from 24 to 22 feet bgs to fill or "plug" the bottom of the borehole and from 9 to 7 feet bgs in wells MWS-1 and MWS-2, respectively. After hydrating the bentonite with sufficient distilled water, the well was sealed from the top of the bentonite to approximately 1 foot bgs with Portland Type I/II neat cement grout. A flush-mounted, traffic-rated well vault (protective casing) and locking well cap were installed to ensure that the monitoring well would be protected from vandalism and/or accidental damage. Geologic logs of MWS-1 and MWS-2, showing the well construction details, are included in Appendix B.

Soil samples for laboratory analysis were collected with a split spoon sampler at 5, 10, 15, 30, and 35 feet bgs in well MWS-1 and 9, 15, and 20 feet bgs in well MWS-2. Samples were collected by lining the sampler with stainless steel sleeving. After it was driven into the sedimentary formation, the sampler was withdrawn from the borehole and one representative soil-filled sleeve was removed from the sampling shoe. The segmented section holding the sample (depth) was sealed at both ends with Teflon sheeting and plastic end caps, labeled with sample identifier and date and time of sample collection, recorded on a chain of custody form, and placed in a cooled ice chest pending transport to a California state-certified analytical laboratory for analyses. Soil sample results are shown in Tables 1 and 2.

Groundwater samples were collected during the quarterly groundwater monitoring event on March 26, 2008, after development of the wells. The sample containers included 40-mL VOA vials, pre-preserved with hydrochloric acid, which were completely filled and sealed properly to prevent air bubbles from forming in the vial headspace. Furthermore, samples for TPH-d testing were emplaced in 1-L amber containers and preserved with ice. Groundwater samples also included two 250 mL poly containers, pre-preserved with nitric acid, per well. After collection, samples were labeled with sample identifier and date and time of sample collection, recorded on a chain of custody form, and placed in a cooled ice chest pending transport to a California state-certified analytical laboratory for analyses. Groundwater analysis results are shown in Tables 3 through 6.

3.3 Monitoring Well Development and Survey

On March 20, 2008, WDC developed the monitoring wells under observation by SOMA field personnel. The field crew used a steel bailer to remove sediment-laden water from the wells until the sediment load had substantially decreased. The wells were then purged until the groundwater was clear and groundwater quality parameters, measured by WDC, were stabilized. Approximately 76 to 151 gallons of water was purged from each product recovery well. Waste generated during drilling and well development activities was temporarily stored on the Site pending transportation to an approved disposal/recycling facility. Well development logs, which summarize parameters observed during well development, are included as Appendix C.

On April 1, 2008, Guida Surveying, Inc., certified licensed land surveyors (License 7076), surveyed both newly installed wells. Latitude and longitude coordinates were surveyed to Zone III NAD 83 datum, and the elevation coordinate to NAVD 88 datum from GPS observations. Survey data are included in Appendix E, and were uploaded to the State Water Resources Control Board Geotracker database.

3.4 Lithology and Hydrogeology

Based on monitoring well borehole logs, the lithologic sequence of underlying sediments generally consists of firm to stiff silty/sandy/gravelly clay mixtures with some layers of fine- to coarse-grained sand.

In borehole MWS-1, silty/sandy/gravelly clay sediments predominate along with fine- to coarse-grained sand sediments. In borehole MWS-2, silty/sand and sandy/clay sediments predominate. In boreholes MWS-1 and MWS-2 no petroleum hydrocarbon odor or staining was encountered. During well installation, groundwater was first encountered at approximately 23 feet bgs in MWS-1 and approximately 10 feet bgs in MWS-2. Figures 3 and 4 illustrate the location of the cross-section and summarize a historical cross-section by

incorporating data from the newly installed groundwater monitoring wells within the Upper WBZ.

3.5 Analytical Results

3.5.1 Soil Samples

Soil samples collected from wells MWS-1 and MWS-2 during drilling were analyzed for TPH-g, VOCs and TPH-d, using EPA Methods 8260B and 8015B, and CAM 17 metals using EPA Method 6010B/7471A. As shown in Table 1, results from laboratory analysis of confirmatory soil samples indicate that at all sampling depths, soil samples showed concentrations lower than laboratory-detection limits for TPH-g, tetrahydrofuran, vinyl chloride, and TPH-d.

Continuous PID readings were taken during drilling activities; almost all sampled areas yielded either a non-detection (reading 0) or very minor detection (reading 2.1 to 4.6) for VOCs. Laboratory analysis for all other VOCs showed levels below the laboratory-reporting limits (Appendix D)

Soil analytical data obtained during well installation was compared to the following: California Human Health Screening Levels (CHHSLs) supported by Cal/EPA; Environmental Screening levels (ESLs) set forth by CRWQCB; and Preliminary Remediation Goals (PRGs) set forth by U.S. EPA Region 9.

As shown in Table 2, all analytical results for CAM 17 metals showed concentrations either lower than laboratory-detection limit or below the cleanup levels (CHHSLs, ESLs, and PRG) under commercial exposure scenario for all the metals except chromium, cobalt and nickel. Levels of chromium, cobalt, and nickel were significantly lower than CHHSLs and PRG levels and slightly higher than ESL levels. Because observed concentrations surpassed ESL levels only slightly, and upon review of the frequency of concentration occurrences, it was concluded that levels observed at the time of confirmation sampling are likely attributable to the overall elevated ambient levels of these metals in the area. The laboratory analytical report is attached as Appendix D.

3.5.2 Groundwater Samples

Pursuant to ACEHS correspondence dated December 11, 2007, groundwater samples collected from wells MWS-1 and MWS-2 during the regularly scheduled groundwater monitoring event were analyzed for TPH-g, VOCs and TPH-d using EPA Methods 8260B and 8015B, and CAM 17 metals using EPA Method 6010B/7471A. As shown in Tables 3 through 5, results of laboratory analysis of confirmatory groundwater samples indicate concentrations lower than laboratory-detection limits for TPH-g, tetrahydrofuran, vinyl chloride, and TPH-d.

As shown in Table 6, all analytical results for CAM 17 metals showed concentrations either lower than laboratory-detection limit, or below the cleanup levels (CHHSLs, ESLs, and PRG) under commercial exposure scenario for all the metals. The laboratory analytical report is attached as Appendix D.

4. CONCLUSIONS AND RECOMMENDATIONS

Results of this investigation indicate that the underlying lithology consists predominantly of firm to stiff silty/sandy/gravelly clay mixtures with some layers of fine- to coarse-grained sand sediments.

Soil and groundwater analytical results indicate that, except for metals detected in some soil samples, all analytes were below their respective laboratory-reporting limits.

The groundwater gradient/flow direction and groundwater analytical results are presented and discussed in SOMA's report of First Quarter 2008 groundwater monitoring event conducted on March 26, 2008.

FIGURES

Figure 1: Site Vicinity Map

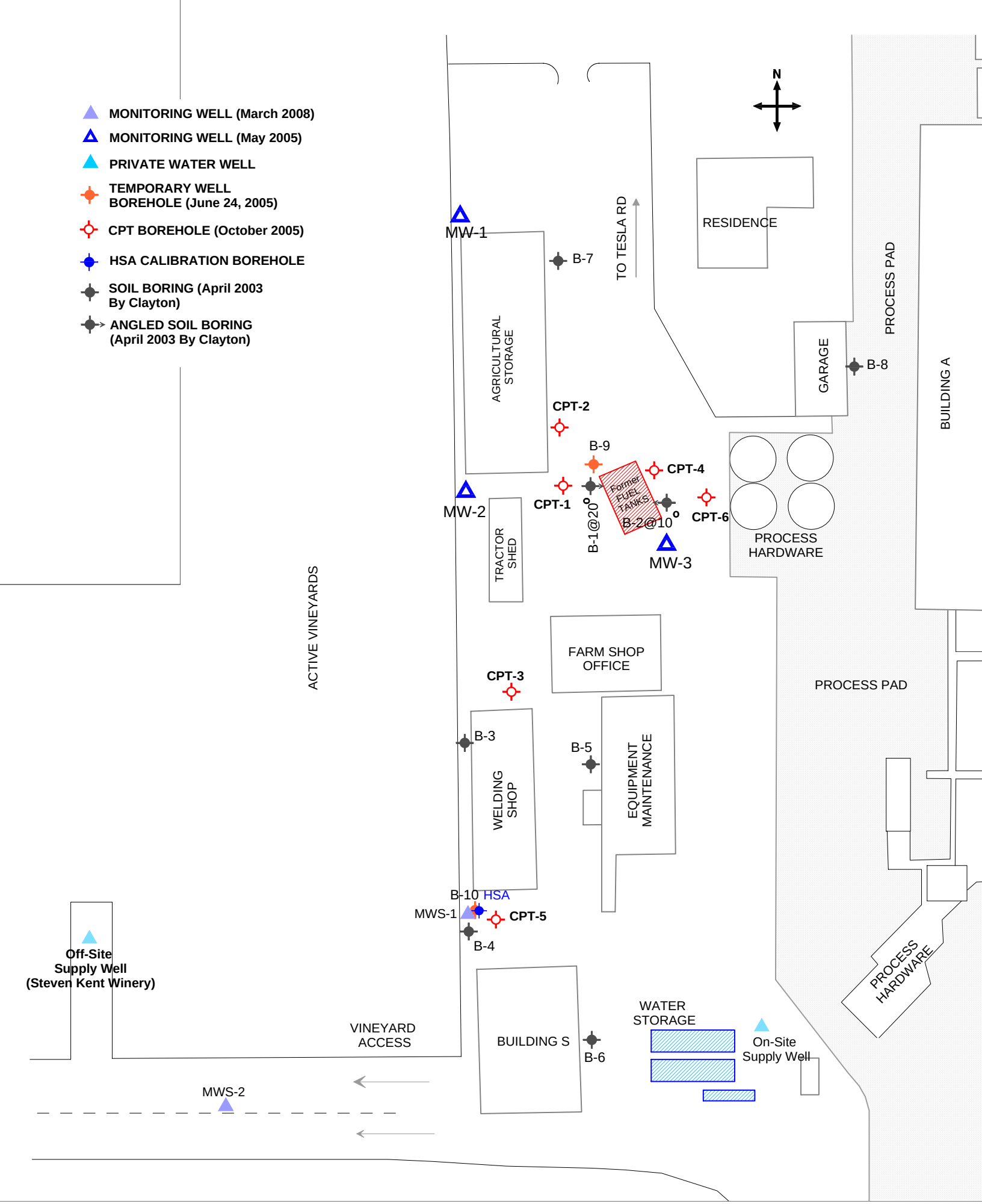


Figure 2: Site Map Showing the Locations of Monitoring Wells

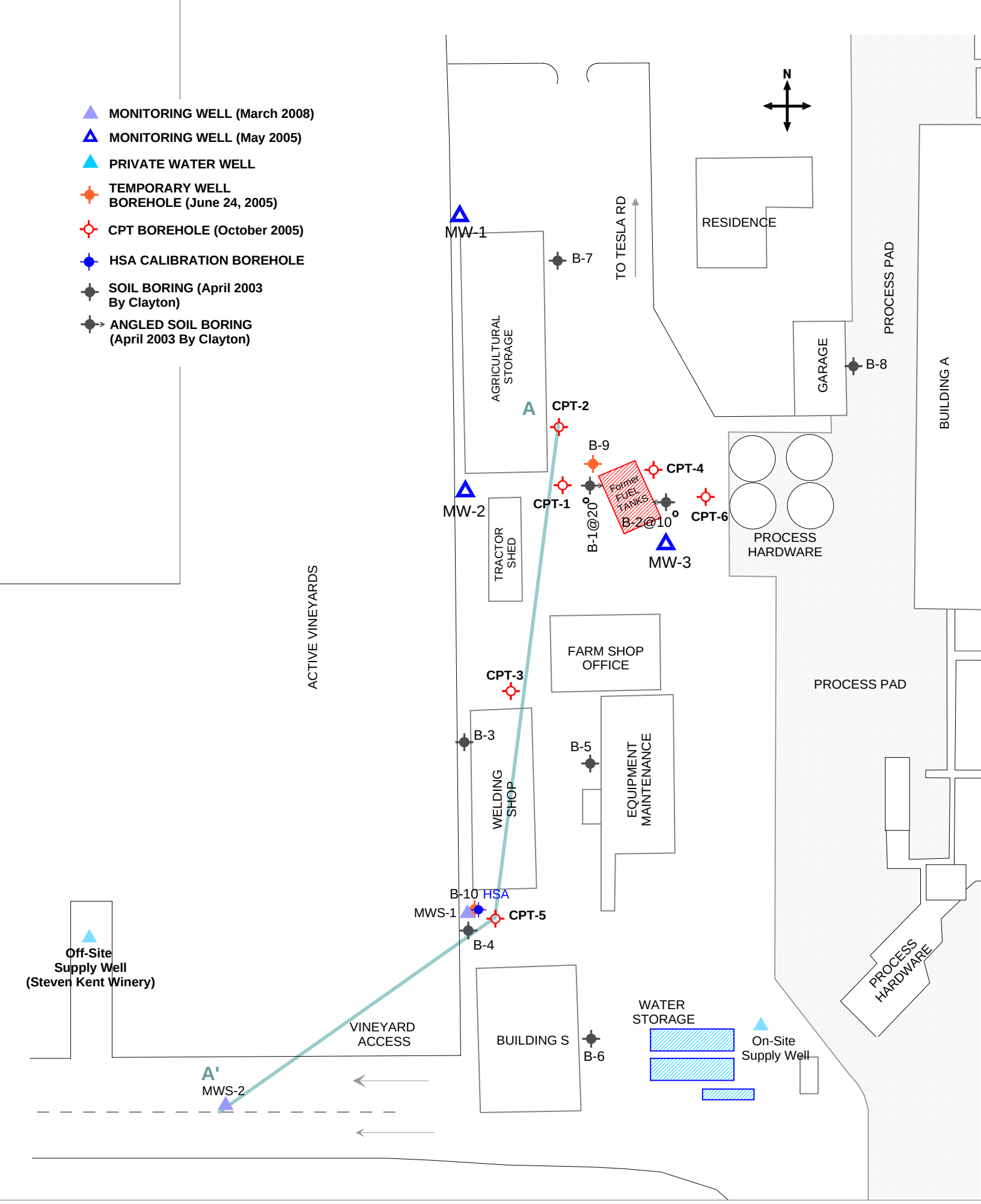
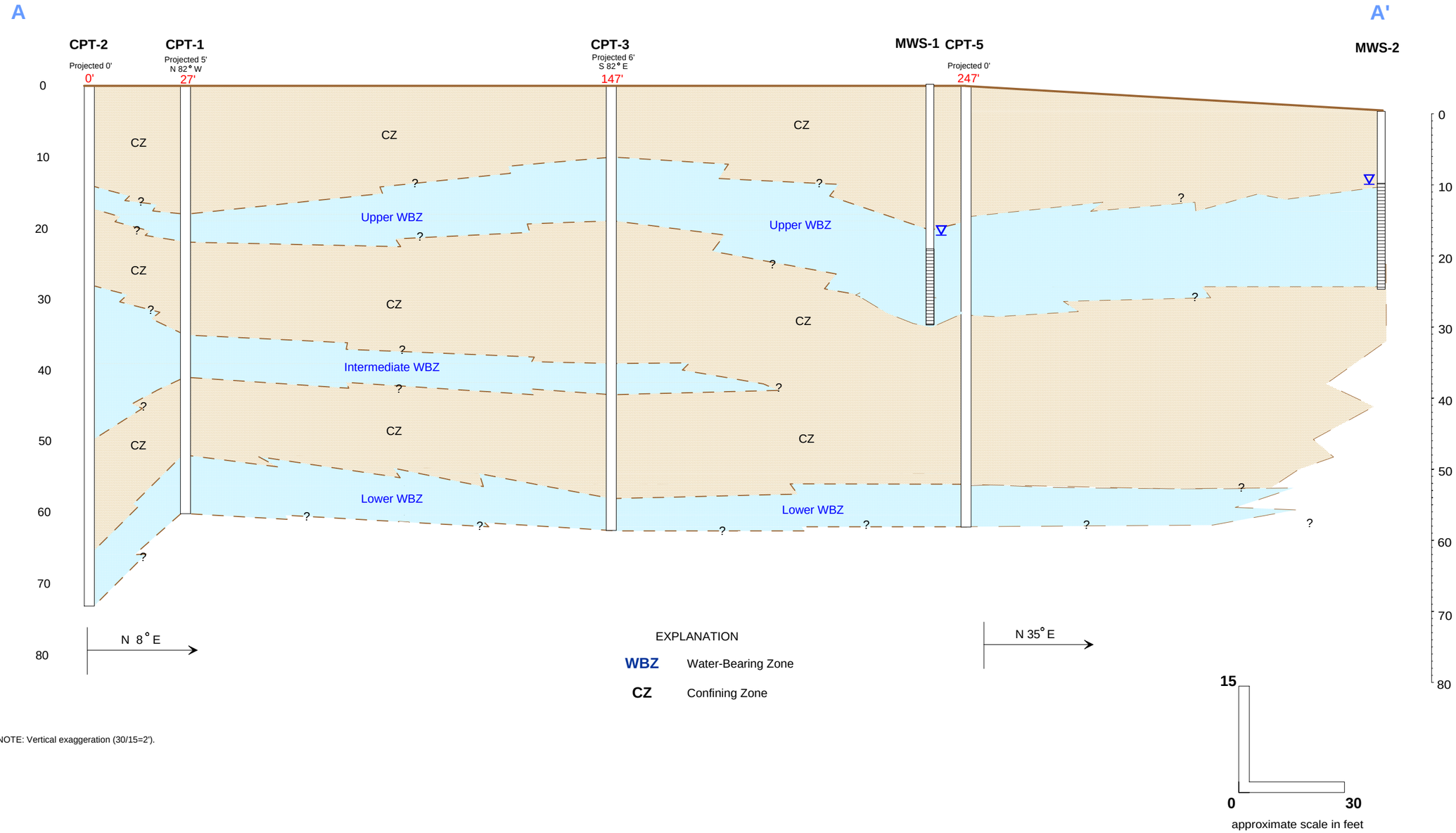


Figure 3: Site Map Showing Location of Cross-Section A-A'



NOTE: Vertical exaggeration (30/15=2').

Figure 4: Geologic Cross Section A-A'.

SOMA ENVIRONMENTAL ENGINEERING, INC.

TABLES

Table 1
Soil Analytical Results (TPH)
Wente Vineyards
5565 Tesla Road, Livermore, California

EPA Method			8015B	8260B	8260B	8260B
Sample ID	Sampling Date	Approximate Sampling Depth (ft bgs)	TPH-d mg/kg	TPH-g mg/kg	Tetrahydrofuran mg/kg	Methylene Chloride mg/kg
MWS-1-5	3/12/2008	5.00	<0.99	<0.24	<0.0097	<9.9
MWS-1-10	3/12/2008	10.00	<0.99	<0.24	<0.0096	<9.9
MWS-1-15	3/12/2008	15.00	<1.0	<0.24	<0.0097	<9.9
MWS-1-30	3/12/2008	30.00	<1.0	<0.24	<0.0098	<9.4
MWS-1-35	3/12/2008	35.00	<0.99	<0.23	<0.0091	<9.3
MWS-2-9	3/12/2008	9.00	<1.0	<0.23	<0.0092	<9.3
MWS-2-15	3/12/2008	15.00	<0.99	<0.25	<0.0099	<9.8
MWS-2-20	3/12/2008	20.00	<0.99	<0.23	<0.0093	<9.8
ESL (Commercial/Industrial)			**100**	**1,000**	**21***	**1000**
ESL (Residential)			**100**	**500**	**9.4***	**500**

Notes:

ESL- Environmental Screening Levels (Groundwater is current or potential drinking water source, shallow soils <= 3m bgs), California Regional Water Quality Control Board SF Region, February 2005

< Less than Laboratory Reporting Limit

*PRG Table, Region 9

Table 2
Soil Analytical Results (Metals CAM 17)
Wente Vineyards
5565 Tesla Road, Livermore, California

Sampling Depth (ft bgs)	Sampling Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MWS-1-5	**3/12/2008**	3.2	4.8	180	0.54	<0.51	**81**	**20**	34	7.7	<0.053	<1.0	**200**	<2.0	<1.0	<1.0	33	44
MW-1-10	**3/12/2008**	<2.0	4.7	300	0.51	<0.49	**81**	**20**	35	7.8	<0.049	<0.98	**200**	<2.0	<0.98	<0.98	32	46
MWS-1-15	**3/12/2008**	<2.0	4.8	160	<0.51	<0.51	55	**17**	28	6.3	0.11	<1.0	110	<2.0	<1.0	<1.0	29	44
MWS-1-30	**3/12/2008**	<1.9	2.9	72	<0.48	<0.48	37	9.6	17	3.5	<0.052	<0.96	92	<1.9	<0.96	<0.96	19	30
MWS-1-35	**3/12/2008**	<2.0	3.3	92	<0.5	<0.5	37	8.7	18	4.5	<0.051	<0.99	90	<2.0	<0.99	<0.99	17	36
MWS-2-9	**3/12/2008**	<2.0	3.5	110	<0.49	<0.49	**80**	15	27	4.2	<0.050	8.2	**200**	<2.0	<0.98	<0.98	23	33
MWS-2-15	**3/12/2008**	<1.9	5.8	140	<0.48	<0.48	63	**17**	36	6.8	0.093	<0.95	140	<1.9	<0.95	<0.95	28	46
MWS-2-20	**3/12/2008**	<2.0	4.8	130	<0.50	<0.50	58	**16**	33	6.7	0.074	<0.99	130	<2.0	<0.99	<0.99	26	42
ESL (Commercial/Industrial)		**40**	**5.5**	**1,500**	**8**	**7.4**	**58**	**10**	**230**	**750**	**10**	**40**	**150**	**10**	**40**	**13**	**200**	**600**
ESL (Residential)		**6.1**	**5.5**	**750**	**4**	**1.7**	**58**	**10**	**230**	**150**	**3.7**	**40**	**150**	**10**	**20**	**1**	**110**	**600**
CHHSLs (Commercial/		**380**	**0.24**	**63,000**	**1,700**	**7.5**	**NL**	**3,200**	**38,000**	**3,500**	**180**	**4,800**	**16,000**	**4,800**	**4,800**	**63**	**6,700**	**100,000**
CHHSLs (Residential)		**30**	**0.07**	**5,200**	**150**	**1.7**	**NL**	**660**	**3,000**	**150**	**18**	**380**	**1,600**	**380**	**380**	**5**	**530**	**23,000**
PRGs (Commercial/Industrial-		**410**	**1.6**	**67,000**	**1,900**	**450**	**450**	**1,900**	**41,000**	**800**	**62**	**5,100**	**20,000**	**5,100**	**5,100**	**67**	**1,000**	**100,000**
PRGs (Residential-Direct		**31**	**0.39**	**5,400**	**150**	**37**	**210**	**900**	**3,100**	**150**	**6.1**	**390**	**1,600**	**390**	**390**	**5.2**	**78**	**23,000**
Ambient Levels*		NA	**9.6**	NA	NA	NA	**73**	**15.9**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

ESL- Environmental Screening Levels (Groundwater is current or potential drinking water source, shallow soils <= 3m bgs), California Regional Water Quality Control Board SF Region, February 2005

PRG- Preliminary Remediation Goal (EPA Region 9)

CHHSLs- California Human Health Screening Levels, CalEPA January 2005

< Less than Laboratory Reporting Limit

* Kearney Foundation Special Report

Table 3
Groundwater 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)
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

Notes:
Wells MWS-1 and MWS-2 were installed on February 8, 2008 and were developed on February 13, 2008 by Gregg Drilling.

TPH-d: Total hydrocarbons as diesel
TPH-g: Total hydrocarbons as gasoline
TPH-mo: Total hydrocarbons as motor oil
NA: Not Applicable.
<: Not Detected above the laboratory reporting limit.

Table 4
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)
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

Notes:
<: 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 5
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)
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

Notes:
<: 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 6
Groundwater Analytical Results
Metals
Wente Vineyards
5565 Tesla Road, Livermore, California

Monitoring Well	Date	Barium (µg/L)	Cadmium (µg/L)	Chromium (µg/L)	Copper (µg/L)	Lead (µg/L)	Nickel (µg/L)	Zinc (µg/L)
MWS-1	3/26/2008	350	<5.0	9.9	8.2	<3.0	17	30
MWS-2	3/26/2008	280	<5.0	7.9	6.2	<3.0	22	<20
ESL (Current or Potential Drinking Water Source)		1000	5	50	1000	15	100	5000
ESL (Not a Current or Potential Drinking Water Source)		50000	50000	50000	50000	50000	50000	50000

Notes:
<: Not Detected above the laboratory reporting limit.

APPENDIX A

Drilling Permit

ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
100 NORTH CANYONS PARKWAY, LIVERMORE, CA 94551-9486 PHONE (925) 454-5000

March 10, 2008

Ms. Elena Manzo
SOMA Enviromental Engineering
6620 Owens Drive
Pleasanton, CA 94550

Dear Ms. Manzo:

Enclosed is drilling permit 28027 for a monitoring well construction project and contamination investigation at 5565 Tesla Road in Livermore for Wente Winery. Also enclosed is a current drilling permit application for your files. Drilling permit applications for future projects can also be downloaded from our web site at www.zone7water.com.

Please note that permit conditions A-2 requires that a well construction report be submitted after completion of the work. The report should include drilling and completion logs, location sketch, permit number and any analysis of the soil and water samples. Please submit the original of your completion report. We will forward your submittal to the California Department of Water Resources.

If you have any questions, please contact me at extension 5056 or Matt Katen at extension 5071.

Sincerely,

Wyman Hong

Wyman Hong
Water Resources Specialist

Enc.

ZONE 7 WATER AGENCY

100 NORTH CANYONS PARKWAY, LIVERMORE, CALIFORNIA 94551 VOICE (925) 454-5000 FAX (925) 245-9306
E-MAIL whong@zone7water.com

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 5565 Tesla Road
Livermore, CA 94550

California Coordinates Source _____ ft. Accuracy _____ ft.
CCN _____ ft. CCE _____ ft.
APN 99-850-2-2

CLIENT
Name Aris Krimetz
Address 5565 Tesla Road Phone 925-456-2300
City Livermore, CA 94550 Zip _____

APPLICANT
Name SOMA Environmental Engineering
Email emanzo@somaenv.com Fax 925-734-6401
Address 6620 Owens Drive Phone 925-734-6400
City Pleasanton, CA Zip 94550

TYPE OF PROJECT:
Well Construction X Geotechnical Investigation ••
Well Destruction •• Contamination Investigation •X
Cathodic Protection •• Other _____ ••

PROPOSED WELL USE: (2 WELLS)
Domestic •• Irrigation ••
Municipal •• Remediation ••
Industrial •• Groundwater Monitoring •X
Dewatering •• Other _____ ••

DRILLING METHOD:
Mud Rotary •• Air Rotary •• Hollow Stem Auger •X
Cable Tool •• Direct Push •• Other _____ ••

DRILLING COMPANY _____

DRILLER'S LICENSE NO. _____

WELL SPECIFICATIONS:
Drill Hole Diameter 8 in. Maximum Depth 30-40 ft.
Casing Diameter 2 in.
Surface Seal Depth grade ft. Number 2

SOIL BORINGS:
Number of Borings _____ Maximum
Hole Diameter _____ in. Depth _____ ft.

ESTIMATED STARTING DATE March 12, 2008
ESTIMATED COMPLETION DATE March 12, 2008

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

APPLICANT'S SIGNATURE Elena Manzo Date March 6, 2008

ATTACH SITE PLAN OR SKETCH

FOR OFFICE USE

PERMIT NUMBER 28027
WELL NUMBER 3S/2E-23C6 (MWS-1) & 23C7 (MWS-2)
APN 099A-2340-004-01

PERMIT CONDITIONS
(Circled Permit Requirements Apply)

(A.) GENERAL
1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.
2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well projects, or drilling logs and location sketch for geotechnical projects.
3. Permit is void if project not begun within 90 days of approval date.

B. WATER SUPPLY WELLS
1. Minimum surface seal diameter is four inches greater than the well casing diameter.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.
3. Grout placed by tremie.
4. An access port at least 0.5 inches in diameter is required on the wellhead for water level measurements.
5. A sample port is required on the discharge pipe near the wellhead.

(C.) GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
1. Minimum surface seal diameter is four inches greater than the well or piezometer casing diameter.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.
3. Grout placed by tremie.

D. GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.

E. CATHODIC. Fill hole above anode zone with concrete placed by tremie.

F. WELL DESTRUCTION. See attached.

(G.) SPECIAL CONDITIONS. Submit to Zone 7 within 60 days after completion of permitted work the well installation report **including all soil and water laboratory analysis results**.

Approved Wyman Hong Date 3/10/08
Wyman Hong

APPENDIX B

Monitoring Well Logs

SOMA ENVIRONMENTAL ENGINEERING, INC.	GEOLOGIC LOG OF BOREHOLE: MWS-1	PAGE 1 OF 2

PROJECT: 2842

SITE LOCATION: 5565 Tesla Road
Livermore

DRILLER: WDC Drilling

DRILLING METHOD: Hollow Stem Auger

BORING DIAMETER: 8 inches

LOGGED BY: E. Hightower

DATE DRILLED: 3/12/2008

CASING ELEVATION:

DEPTH TO GW: 23 ft.

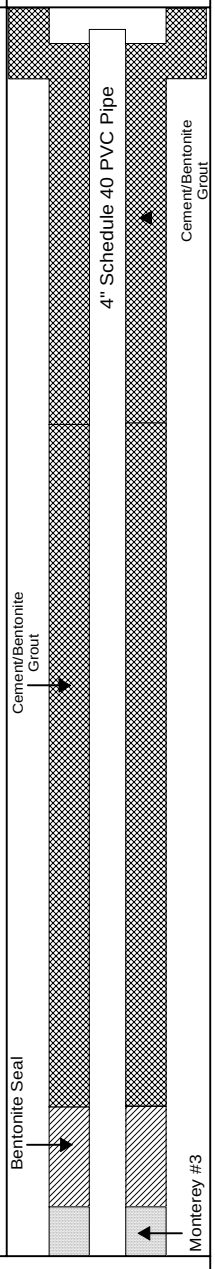
T.O.C. TO SCREEN: 25 ft.

SCREEN LENGTH: 10 ft.

APPROVED BY: M. Sepehr, Ph.D., P.E.

PID ppm	DEPTH	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	SAMPLED (SPLIT SPOON / CORE)	GW LEVEL	BLOWCOUNTS
				Hand Auger top five feet.			
2.4	5		CL	SANDY CLAY (CL): With some fine-grained gravel; dark brown; firm; moist; fine- to coarse-grained sand; no petroleum hydrocarbon (PHC) odor.	MWS-1 - 5 FT		25 36 36
3.3	10			As above.	MWS-1 - 10 FT		14 14 16
2.8	15		CL	SILTY CLAY (CL): With some fine-grained sand; light brown; firm; moist; no PHC odor.	MWS-1 - 15 FT		7 7 12
4.1	20		CL	SANDY CLAY (CL): With some fine-grained gravel; dark brown; firm; wet; fine- to coarse-grained sand; no PHC odor.		▽	
2.1	25						

WELL DIAGRAM



COMMENTS:

ENVIRONMENTAL ENGINEERING, INC.

GEOLOGIC LOG OF BOREHOLE: MWS-1

PROJECT: 2842

SITE LOCATION: 5565 Tesla Road, Livermore

DRILLER: WDC Drilling

DRILLING METHOD: Hollow Stem Auger

BORING DIAMETER: 8 inches

LOGGED BY: E. Hightower

DATE DRILLED: 3/12/2008

CASING ELEVATION: 616.86 ft.

DEPTH TO GW: 23 ft.

T.O.C. TO SCREEN: 25 ft.

SCREEN LENGTH: 10 ft.

APPROVED BY: M. Sepehr, Ph.D., P.E.

PID ppm	DEPTH	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	SAMPLED: SPLIT SPOON / CORE	GW LEVEL	BLOWCOUNTS	WELL DIAGRAM
4.6	30		SP	SAND (SP): Dark gray; loose; saturated; fine- to coarse-grained sand; no PHC odor.	MWS-1 - 30 FT		10 10 11	Schedule 40 PVC Screen 20 slot (0.020 inch) Monterey #3
	35		SP	SAND (SP): Dark gray; loose; moist; fine- to coarse-grained sand; no PHC odor.	MWS-1 - 35 FT		5 10 12	
	40							
	45							
	50							

COMMENTS: TD @ 35 ft.

SOMA ENVIRONMENTAL ENGINEERING, INC.

GEOLOGIC LOG OF BOREHOLE: MWS-2

PROJECT: 2842

SITE LOCATION: 5565 Tesla Road, Livermore

DRILLER: WDC Drilling

DRILLING METHOD: Hollow Stem Auger

BORING DIAMETER: 8 inches

LOGGED BY: E. Hightower

DATE DRILLED: 3/12/2008

CASING ELEVATION: 613.96 ft.

DEPTH TO GW: 10 ft.

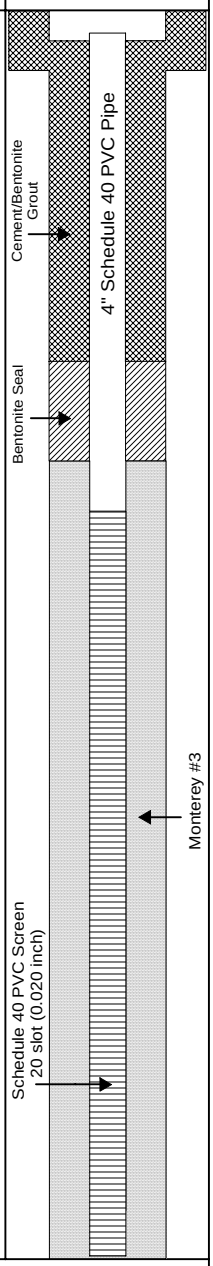
T.O.C. TO SCREEN: 10 ft.

SCREEN LENGTH: 15 ft.

APPROVED BY: M. Sepehr, Ph.D., P.E.

PID ppm	DEPTH	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	SAMPLED (SPLIT SPOON / CORE)	GW LEVEL	BLOWCOUNTS
				Hand Auger top 5 ft.			
	5			No sample recovery @ 5 ft.	NO RECOVERY @ 5 FT.		
3.4	10		SM	SILTY SAND (SM): With fine-grained gravel; light brown; loose; dry; fine- to coarse-grained sand; no Petroleum Hydrocarbon (PHC) odor.	MWS-2 - 9 FT	▽	8 10 11
2.6	15		SM	SILTY SAND (SM): With fine-grained gravel; brown; loose; saturated; fine- to coarse-grained sand; no PHC odor.	MWS-2 - 15 FT		7 11 14
3.9	20		CL	SANDY CLAY (CL): Olive brown with orange mottling; stiff; saturated; fine- to coarse-grained sand; no PHC odor.	MWS-2 - 20 FT		50 6
	25		CL	SANDY CLAY (CL): Brown; stiff; saturated; fine- to coarse-grained sand; no PHC odor.			

WELL DIAGRAM



COMMENTS: TD @ 25 ft.

APPENDIX C

Monitoring Well Development Data Sheets

2" MW-S1
2" MW-S2

DAILY TOUR REPORT

THURS

WDC JOB #: 13779-S LOCATION: LIVERMORE RIG #: 110-4 DATE: 3 / 20 / 08

FROM	TO	TOTAL	DESCRIPTION OF ACTIVITIES
6:00	8:00		MOBE TO SITE IN LIVERMORE
			SET-UP ON WELL # MW-S1 TD-29.13
			WL-9.17 BAIL 30 gals. SWAB 15' SCREEN
			INTERVAL 15 min. BAIL 20 gal. INSTALL PUMP.
11:45			START PUMPING AT 2 gpm TILL CLEAN. 12:30
			CLEAN STOP PUMPING PULL PUMP MOVE TO NEXT
			WELL MW-S-2 PULL-8.45 TD-26.21 BAIL 20 gals
			SWAB 15' SCREEN INTERVAL 15 min BAIL 25 gals
			INSTALL PUMP PERY TILL CLEAN. STOP PUMPING
	2:30		PULL PUMP
2:30			MOBE BACK TO ZAMORA

MATERIALS

Record Materials Provided by WDC Exploration & Wells

Item	Unit	Quantity
Gravel Pack Sand	Sack/Foot	/
Transition Sand	Sack/Foot	/
Bentonite Pellets	Bucket/Feet	/
Cement	Sack/Foot	/
Bentonite Powder	Sack/Foot	/
Bentonite Chips	Sack/Foot	/
Volclay Grout	Sack/Foot	/
Sand Grout	Yard/Foot	/
Enhanced Grout	Sack/Foot	/
Centralizers	Each	
Threaded Cap	Each	
Slip Cap	Each	
Expansion Plug	Each	
_____" Monument	Each	
_____" Flush Cover	Each	
Asphalt	Sack	
Concrete	Sack	
Rapid Set Grout	Sack	
Lock	Each	
PVC Gloves	Pair	
Tyvek Suits	Each	
Sample Liners	Each	
Core Boxes	Each	
Drums	Each	4
Visqueen	Roll	

EQUIPMENT SERVICE RECORD

Record At End Of Shift At The End Of Each Week

Description	Srvc Int.	Equip. #	Last Service	Hours/Miles
Carrier Engine	250 Hrs.			
Deck Engine	250 Hrs.			
Rig Tender	10000 Mls.			
Support Truck	5000 Mls.			
Forklift	250 Hrs.			
Forklift	250 Hrs.			
Compressor	250 Hrs.			
Compressor	250 Hrs.			
Shaker	250 Hrs.			
Mud Pump	250 Hrs.			
Mud Pump	250 Hrs.			
Generator	250 Hrs.			
Welder/Gen.	100 Hrs.			
Steamcleaner	100 Hrs.			

SAFETY & MECHANICAL INSPECTION

Circle Item(s) In Need of Repair or Replacement

Windows Tires Gauges Lights Slings Cables Clamps Brakes
First Aid Kit Fall Device Safety Harness Safety Labels Operating Labels
Equipment Gaurds Back-Up Alarms Safety Shutdowns
Relief Valves Hydraulic Hoses Water Hoses Mud Hoses Air Hoses
Breakout Tongs Pipe Wrenches Chain Tongs Dog Collar Slips/Bowls
Emergency Triangles Fire Extinguishers MSDS Book Safety Manual
Mud Pump Injection Pump Grout Pump 2" Transfer Pump Fuel Transfer Pump
Casing Hammer Sample Hammer Mini-Dumpster Tooling Bit Subs

Equip. #	Action Needed

EXPLANATION OF STANDBY

NONE

CLIENT SIGNATURE

RECORD OF INJURY/ACCIDENT/NEAR MISS

NONE

DAILY SAFETY TOPIC

OVERHEAD LIFTING
TRAFFIC

DAYS W/O LOST TIME IN 2007

DRILLING STATISTICS

Hole #	From	To	Total

COMMENTS

Casing	Type	Schedule	Diameter	Feet	Misc.	Unit	Quan.
Blank	PVC MS SS HDPE	5 10 40 80			Per Diem	Prsn Day	
Blank	PVC MS SS HDPE	5 10 40 80			Level C	Prsn Day	
Screen	PVC MS SS HDPE	5 10 40 80					

CLIENT REP: Kristin Northcutt SIGNATURE
CLIENT JOB #:
OPERATOR: Wayne Whitley SIGNATURE
RIG HAND: RIG HAND:

ENVIRONMENTAL ENGINEERING, INC

Well No.: MWS-1
Casing Diameter: _____ inches
Depth of Well: 29.13 feet
Top of Casing Elevation: 616.84 feet
Depth to Groundwater: 23 feet
Groundwater Elevation: 598.86 feet
Water Column Height: 6.13 feet
Purged Volume: _____ gallons

Project No.: _____
Address: 5565 Tesla Road
_____
Date: 3/20/08
Sampler: _____

DTW (pre-develop) – 9.17 ft
(post-develop) – 8.02 ft

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	
1022	6	7.65	8.35	16.7	0.157	-10	120	Bailer
1030	13	7.34	8.45	16.6	0.156	-10	112	↓
1034	18	7.29	8.46	16.7	0.160	-10	103	
1039	26	7.02	8.49	16.2	0.157	-10	88	
1045	30	7.36	8.39	16.6	0.156	627	76	
1046	Surged for 15 mins							
1108	32	10.28	8.72	17.7	0.149	-10	60	Bailer

ENVIRONMENTAL ENGINEERING, INC

Well No.: MWS-1
Casing Diameter: _____ inches
Depth of Well: 29.13 feet
Top of Casing Elevation: 616.86 feet
Depth to Groundwater: 23 feet
Groundwater Elevation: 598.86 feet
Water Column Height: 6.13 feet
Purged Volume: _____ gallons

Project No.: _____
Address: 5565 Tesla Road
Date: 3/20/08
Sampler: _____

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
1114	38	7.16	8.71	16.4	0.160	-10	16
1120	46	6.95	8.65	16.3	0.155	-10	27
1145	61	4.67	8.20	18.3	0.162	999	63
1148	67	4.27	8.13	18.3	0.162	999	62
1151	73	4.04	8.07	18.3	0.162	999	63
1154	79	3.91	8.03	18.3	0.161	999	65
1157	85	3.81	8.00	18.4	0.161	999	67

Bailer
↓
started pumping
↓

ENVIRONMENTAL ENGINEERING, INC

Well No.:	MW5-1	**Project No.:**	
Casing Diameter:	inches	**Address:**	5565 Tesla Rd
Depth of Well:	29.13 feet		
Top of Casing Elevation:	616.86 feet		
Depth to Groundwater:	23 feet	**Date:**	3/20/08
Groundwater Elevation:	593.86 feet	**Sampler:**	
Water Column Height:	6.13 feet		
Purged Volume:	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/øm)	Turb. NTU	ORP
1200	91	3.73	7.97	18.4	0.161	999	69
1203	97	3.68	7.94	18.4	0.161	999	71
1206	103	3.63	7.91	18.4	0.161	999	73
1209	109	3.57	7.90	18.4	0.161	972	75
1212	115	3.54	7.87	18.4	0.161	693	77
1215	121	3.51	7.86	18.4	0.161	476	78
1218	127	3.48	7.84	18.4	0.161	461	79

ENVIRONMENTAL ENGINEERING, INC

Well No.:	MW5-1	**Project No.:**	
Casing Diameter:	____ inches	**Address:**	5567 Tesla Rd.
Depth of Well:	29.13 feet		
Top of Casing Elevation:	614.86 feet		
Depth to Groundwater:	23 feet	**Date:**	3/20/08
Groundwater Elevation:	593.86 feet	**Sampler:**	
Water Column Height:	6.13 feet		
Purged Volume:	____ 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
1221	133	3.46	7.83	18.4	0.161	377	80
1224	139	3.42	7.83	18.4	0.161	301	81
1227	145	3.4	7.82	18.4	0.160	261	82
1230	151	3.37	7.81	18.4	0.160	188	84
1231	—	—	Stopped	—	—	—	—

Pump ↓

ENVIRONMENTAL ENGINEERING, INC

Well No.:	MWS-2	**Project No.:**	
Casing Diameter:	____ inches	**Address:**	5565 Tesla Rd
Depth of Well:	26.21 feet		
Top of Casing Elevation:	1613.96 feet		
Depth to Groundwater:	10 feet	**Date:**	3/20/08
Groundwater Elevation:	1603.96 feet	**Sampler:**	
Water Column Height:	16.21 feet		
Purged Volume:	____ 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
1310	6	12.11	8.47	16.8	0.147	999	75
1315	12	6.43	8.42	16.2	0.098	999	21
1319	18	7.09	8.36	15.9	0.145	999	22
1320	Surged well for 15 mins						
1341	24	15.88	8.83	19.1	0.147	-10	-13
1348	34	14.68	8.67	15.5	0.147	-10	19
1351	39	9.54	8.63	15.4	0.146	999	26

Bailer ↓

ENVIRONMENTAL ENGINEERING, INC

Well No.:	MWS-2	**Project No.:**	
Casing Diameter:	____ inches	**Address:**	5565 Tesla Rd
Depth of Well:	26.21 feet		
Top of Casing Elevation:	613.96 feet		
Depth to Groundwater:	10 feet	**Date:**	3/20/08
Groundwater Elevation:	603.96 feet	**Sampler:**	
Water Column Height:	16.21 feet		
Purged Volume:	____ 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
1401	Started purging with pump						
1404	46	8.32	8.27	15.3	0.149	999	58
1407	52	6.26	8.07	15.3	0.148	588	67
1410	58	5.56	7.98	15.3	0.148	129	72
1413	64	5.68	7.91	15.5	0.149	999	73
1416	70	5.44	7.86	15.4	0.149	134	77
1419	76	5.28	7.82	15.4	0.149	71.4	79
1420	Stopped pumping						

ENVIRONMENTAL ENGINEERING, INC

Well No.:	Offsite Supply Well	**Project No.:**	2841
Casing Diameter:	——— inch	**Address:**	Wente Vineyards
Depth of Well:	125 ft		5565 Tesla Rd, Livermore
Top of Casing Elevation:	NS ft	**Date:**	October 29, 2007
Depth to Groundwater:	Nm ft	**Sampler:**	Lizzie Hightower
Groundwater Elevation:	NC ft		
Water Column Height:	Nm ft		
Purged Volume:	_____ gallons		

Purging Method: Bailer ☐ Pump ☑ Active Well

Sampling Method: Bailer ☐ Pump ☑ Active Well

Color: No ☐ Yes ☑ Describe Brownish

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
200 PM	Started purging well						
220 PM	18	1.37	8.20	20.53	1334	180	+2.8
226 PM	32	1.20	8.22	20.51	1334	130	+2.7
231 PM	58	1.33	8.09	17.34	1387	65	+14.7
236 PM	88	1.20	8.06	18.96	1322	1.5	+5.6
239 PM	Sampled						

Notes:

GREGG

MONITORING WELL DEVELOPMENT LOG

Page _____ of _____

All measurements taken from: ☒ Top of Casing ☐ Protective Casing ☐ Ground Level

Well Number MW-1 ~~MW-1~~

Date ~~12-15-05~~ 3/20/08

Time Start: ~~7:40~~ 9:53 End: ~~9:05~~

Client SOMA

Project 5565 Tesla

Job Number _____

Installation Date _____

Well Diameter 4"

Borehole Diameter 10"

Screen Length 15'

Measured Depth (pre-development) ~~19.38~~ 9.17

Measured Depth (post-development) ~~19.38~~

Static Water Level (ft.) ~~8.83~~

Standing Water Column (ft.) ~~10.55~~

One Well Volume (gal.) ~~6.96~~

One Annulus Vol. (gal.) _____

Sample ID _____

Qty. of Drilling Fluid Lost _____

Minimum Gal. to be Purged _____

Development Method SURGE - BAIL - PUMP

Purging Equipment ~~BAILER~~ → 4" PUMP

Water Level Equipment ~~SOLINST~~ Durham Geoslope

pH/EC Meter HORIBA U-10

Turbidity Meter HORIBA U-10

Other _____

Time	Amount Purged (gal.)	Field Parameters Measured							Comments	Field Tech.
		pH	EC	Turbidity	D.O.	~~D.O.~~ Temp.	SAL.	GPM / W.L.		
0834	40	6.38	0.680	>999	—	18.8	0.03	2.0/11.00	BAILED 10 gal	
0837	46	6.48	0.631	366	—	19.7	0.02	2.0/11.05	SURGE 15 min	
0840	52	6.56	0.622	~200	—	20.0	0.02	2.0/11.05	BAILED 10 gal	
0843	58	6.61	0.618	~150	—	20.1	0.02	2.0/11.10	SET PUMP	
0846	64	6.65	0.614	~100	—	20.2	0.02	2.0/11.10	WATER MUCH CLEARER - STILL SLIGHTLY CLOUDY	

FINAL FIELD PARAMETER MEASUREMENTS

APPENDIX D
Laboratory Analytical Reports

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 720-13485-1

Job Description: 5565 Tesla Road Livermore

For:
Soma Environmental Engineering
6620 Owens Drive, Suite A
Pleasanton, CA 94588

Attention: Ms. Elena Manzo

Surinder Sidhu

Surinder Sidhu
Customer Service Manager
surinder.sidhu@testamericainc.com
03/24/2008

TestAmerica Laboratories, Inc.
TestAmerica San Francisco 1220 Quarry Lane, Pleasanton, CA 94566
Tel (925) 484-1919 Fax (925) 484-1096 www.testamericainc.com

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC VOA
No analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

Metals
Method(s) 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 33121 were outside control limits. The associated laboratory control standard (LCS) met acceptance criteria.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: Soma Environmental Engineering Job Number: 720-13485-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-13485-1	**MWS-1-5**				
Antimony		3.2	2.0	mg/Kg	6010B
Arsenic		4.8	1.0	mg/Kg	6010B
Barium		180	1.0	mg/Kg	6010B
Beryllium		0.54	0.51	mg/Kg	6010B
Chromium		81	1.0	mg/Kg	6010B
Cobalt		20	1.0	mg/Kg	6010B
Copper		34	1.0	mg/Kg	6010B
Lead		7.7	1.0	mg/Kg	6010B
Nickel		200	1.0	mg/Kg	6010B
Vanadium		33	1.0	mg/Kg	6010B
Zinc		44	1.0	mg/Kg	6010B
720-13485-2	**MWS-1-10**				
Arsenic		4.7	0.98	mg/Kg	6010B
Barium		300	0.98	mg/Kg	6010B
Beryllium		0.51	0.49	mg/Kg	6010B
Chromium		81	0.98	mg/Kg	6010B
Cobalt		20	0.98	mg/Kg	6010B
Copper		35	0.98	mg/Kg	6010B
Lead		7.8	0.98	mg/Kg	6010B
Nickel		200	0.98	mg/Kg	6010B
Vanadium		32	0.98	mg/Kg	6010B
Zinc		46	0.98	mg/Kg	6010B
720-13485-3	**MWS-1-15**				
Arsenic		4.8	1.0	mg/Kg	6010B
Barium		160	1.0	mg/Kg	6010B
Chromium		55	1.0	mg/Kg	6010B
Cobalt		17	1.0	mg/Kg	6010B
Copper		28	1.0	mg/Kg	6010B
Lead		6.3	1.0	mg/Kg	6010B
Nickel		110	1.0	mg/Kg	6010B
Vanadium		29	1.0	mg/Kg	6010B
Zinc		44	1.0	mg/Kg	6010B
Mercury		0.11	0.049	mg/Kg	7471A

EXECUTIVE SUMMARY - Detections

Client: Soma Environmental Engineering Job Number: 720-13485-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-13485-4	**MWS-1-30**				
Arsenic		2.9	0.96	mg/Kg	6010B
Barium		72	0.96	mg/Kg	6010B
Chromium		37	0.96	mg/Kg	6010B
Cobalt		9.6	0.96	mg/Kg	6010B
Copper		17	0.96	mg/Kg	6010B
Lead		3.5	0.96	mg/Kg	6010B
Nickel		92	0.96	mg/Kg	6010B
Vanadium		19	0.96	mg/Kg	6010B
Zinc		30	0.96	mg/Kg	6010B
720-13485-5	**MWS-1-35**				
Arsenic		3.3	0.99	mg/Kg	6010B
Barium		92	0.99	mg/Kg	6010B
Chromium		37	0.99	mg/Kg	6010B
Cobalt		8.7	0.99	mg/Kg	6010B
Copper		18	0.99	mg/Kg	6010B
Lead		4.5	0.99	mg/Kg	6010B
Nickel		90	0.99	mg/Kg	6010B
Vanadium		17	0.99	mg/Kg	6010B
Zinc		36	0.99	mg/Kg	6010B
720-13485-6	**MWS-2-9**				
Arsenic		3.5	0.98	mg/Kg	6010B
Barium		110	0.98	mg/Kg	6010B
Chromium		80	0.98	mg/Kg	6010B
Cobalt		15	0.98	mg/Kg	6010B
Copper		27	0.98	mg/Kg	6010B
Lead		4.2	0.98	mg/Kg	6010B
Molybdenum		8.2	0.98	mg/Kg	6010B
Nickel		200	0.98	mg/Kg	6010B
Vanadium		23	0.98	mg/Kg	6010B
Zinc		33	0.98	mg/Kg	6010B

EXECUTIVE SUMMARY - Detections

Client: Soma Environmental Engineering Job Number: 720-13485-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-13485-7	**MWS-2-15**				
Arsenic		5.8	0.95	mg/Kg	6010B
Barium		140	0.95	mg/Kg	6010B
Chromium		63	0.95	mg/Kg	6010B
Cobalt		17	0.95	mg/Kg	6010B
Copper		36	0.95	mg/Kg	6010B
Lead		6.8	0.95	mg/Kg	6010B
Nickel		140	0.95	mg/Kg	6010B
Vanadium		28	0.95	mg/Kg	6010B
Zinc		46	0.95	mg/Kg	6010B
Mercury		0.093	0.049	mg/Kg	7471A
720-13485-8	**MWS-2-20**				
Arsenic		4.8	0.99	mg/Kg	6010B
Barium		130	0.99	mg/Kg	6010B
Chromium		58	0.99	mg/Kg	6010B
Cobalt		16	0.99	mg/Kg	6010B
Copper		33	0.99	mg/Kg	6010B
Lead		6.7	0.99	mg/Kg	6010B
Nickel		130	0.99	mg/Kg	6010B
Vanadium		26	0.99	mg/Kg	6010B
Zinc		42	0.99	mg/Kg	6010B
Mercury		0.074	0.052	mg/Kg	7471A

METHOD SUMMARY

Client: Soma Environmental Engineering Job Number: 720-13485-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	TAL SF	SW846 8260B	
Volatile Organic Compounds by GC/MS (Low Level)	TAL SF	SW846 8260B	
Purge and Trap for Solids	TAL SF		SW846 5030B
Purge and Trap for Solids	TAL SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	TAL SF	SW846 8015B	
Ultrasonic Extraction	TAL SF		SW846 3550B
Inductively Coupled Plasma - Atomic Emission Spectrometry	TAL SF	SW846 6010B	
Acid Digestion of Sediments, Sludges, and Soils	TAL SF		SW846 3050B
Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	TAL SF	SW846 7471A	
Mercury in Solid or Semi-Solid Waste (Manual Cold	TAL SF		SW846 7471A

Lab References:

TAL SF = TestAmerica San Francisco

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Soma Environmental Engineering Job Number: 720-13485-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-13485-1	MWS-1-5	Solid	03/12/2008 1140	03/17/2008 1735
720-13485-2	MWS-1-10	Solid	03/12/2008 1149	03/17/2008 1735
720-13485-3	MWS-1-15	Solid	03/12/2008 1200	03/17/2008 1735
720-13485-4	MWS-1-30	Solid	03/12/2008 1252	03/17/2008 1735
720-13485-5	MWS-1-35	Solid	03/12/2008 1309	03/17/2008 1735
720-13485-6	MWS-2-9	Solid	03/12/2008 1721	03/17/2008 1735
720-13485-7	MWS-2-15	Solid	03/12/2008 1750	03/17/2008 1735
720-13485-8	MWS-2-20	Solid	03/12/2008 1756	03/17/2008 1735

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: MWS-1-5

Lab Sample ID: 720-13485-1 | Date Sampled: 03/12/2008 1140
Client Matrix: Solid | Date Received: 03/17/2008 1735

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B | Analysis Batch: 720-33149 | Instrument ID: Agilent 75MSD
Preparation: 5030B | Prep Batch: 720-33116 | Lab File ID: 031808011.D
Dilution: 1.0 | Initial Weight/Volume: 5.04 g
Date Analyzed: 03/18/2008 1515 | Final Weight/Volume: 10 mL
Date Prepared: 03/18/2008 1200

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		5.0
Acetone		ND		50
Benzene		ND		5.0
Dichlorobromomethane		ND		5.0
Bromobenzene		ND		5.0
Chlorobromomethane		ND		20
Bromoform		ND		5.0
Bromomethane		ND		9.9
2-Butanone (MEK)		ND		50
n-Butylbenzene		ND		5.0
sec-Butylbenzene		ND		5.0
tert-Butylbenzene		ND		5.0
Carbon disulfide		ND		5.0
Carbon tetrachloride		ND		5.0
Chlorobenzene		ND		5.0
Chloroethane		ND		9.9
Chloroform		ND		5.0
Chloromethane		ND		9.9
2-Chlorotoluene		ND		5.0
4-Chlorotoluene		ND		5.0
Chlorodibromomethane		ND		5.0
1,2-Dichlorobenzene		ND		5.0
1,3-Dichlorobenzene		ND		5.0
1,4-Dichlorobenzene		ND		5.0
1,3-Dichloropropane		ND		5.0
1,1-Dichloropropene		ND		5.0
1,2-Dibromo-3-Chloropropane		ND		50
Ethylene Dibromide		ND		5.0
Dibromomethane		ND		9.9
Dichlorodifluoromethane		ND		9.9
1,1-Dichloroethane		ND		5.0
1,2-Dichloroethane		ND		5.0
1,1-Dichloroethene		ND		5.0
cis-1,2-Dichloroethene		ND		5.0
trans-1,2-Dichloroethene		ND		5.0
1,2-Dichloropropane		ND		5.0
cis-1,3-Dichloropropene		ND		5.0
trans-1,3-Dichloropropene		ND		5.0
Ethylbenzene		ND		5.0
Hexachlorobutadiene		ND		5.0
2-Hexanone		ND		50
Isopropylbenzene		ND		5.0
4-Isopropyltoluene		ND		5.0
Methylene Chloride		ND		9.9

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-1-5**

Lab Sample ID: 720-13485-1 | Date Sampled: 03/12/2008 1140
Client Matrix: Solid | Date Received: 03/17/2008 1735

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B | Analysis Batch: 720-33149 | Instrument ID: Agilent 75MSD
Preparation: 5030B | Prep Batch: 720-33116 | Lab File ID: 031808011.D
Dilution: 1.0 | Initial Weight/Volume: 5.04 g
Date Analyzed: 03/18/2008 1515 | Final Weight/Volume: 10 mL
Date Prepared: 03/18/2008 1200

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
4-Methyl-2-pentanone (MIBK)		ND		50
Naphthalene		ND		9.9
N-Propylbenzene		ND		5.0
Styrene		ND		5.0
1,1,1,2-Tetrachloroethane		ND		5.0
1,1,2,2-Tetrachloroethane		ND		5.0
Tetrachloroethene		ND		5.0
Toluene		ND		5.0
1,2,3-Trichlorobenzene		ND		5.0
1,2,4-Trichlorobenzene		ND		5.0
1,1,1-Trichloroethane		ND		5.0
1,1,2-Trichloroethane		ND		5.0
Trichloroethene		ND		5.0
Trichlorofluoromethane		ND		5.0
1,2,3-Trichloropropane		ND		5.0
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		5.0
1,2,4-Trimethylbenzene		ND		5.0
1,3,5-Trimethylbenzene		ND		5.0
Vinyl acetate		ND		50
Vinyl chloride		ND		5.0
Xylenes, Total		ND		9.9
2,2-Dichloropropane		ND		5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	102	50 - 138
1,2-Dichloroethane-d4 (Surr)	97	66 - 127
Toluene-d8 (Surr)	96	51 - 129

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-1-5**

Lab Sample ID: 720-13485-1 | Date Sampled: 03/12/2008 1140
Client Matrix: Solid | Date Received: 03/17/2008 1735

8260B Volatile Organic Compounds by GC/MS

Method: 8260B | Analysis Batch: 720-33165 | Instrument ID: Varian 3900A
Preparation: 5030B | Prep Batch: 720-33166 | Lab File ID: c:\saturnws\data\200803\03
Dilution: 1.0 | Initial Weight/Volume: 5.14 g
Date Analyzed: 03/19/2008 1350 | Final Weight/Volume: 10 mL
Date Prepared: 03/19/2008 0840

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0049
Benzene		ND		0.0049
Ethylbenzene		ND		0.0049
MTBE		ND		0.0049
TAME		ND		0.0049
Toluene		ND		0.0049
Xylenes, Total		ND		0.0097
TBA		ND		0.0097
Tetrahydrofuran		ND		0.0097
DIPE		ND		0.0049
EDB		ND		0.0049
Gasoline Range Organics (GRO)-C5-C12		ND		0.24
Ethyl tert-butyl ether		ND		0.0049

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	98	70 - 130
1,2-Dichloroethane-d4 (Surr)	86	60 - 140

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-1-10**

Lab Sample ID: 720-13485-2 | Date Sampled: 03/12/2008 1149
Client Matrix: Solid | Date Received: 03/17/2008 1735

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B | Analysis Batch: 720-33149 | Instrument ID: Agilent 75MSD
Preparation: 5030B | Prep Batch: 720-33116 | Lab File ID: 031808014.D
Dilution: 1.0 | Initial Weight/Volume: 5.07 g
Date Analyzed: 03/18/2008 1631 | Final Weight/Volume: 10 mL
Date Prepared: 03/18/2008 1200

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		4.9
Acetone		ND		49
Benzene		ND		4.9
Dichlorobromomethane		ND		4.9
Bromobenzene		ND		4.9
Chlorobromomethane		ND		20
Bromoform		ND		4.9
Bromomethane		ND		9.9
2-Butanone (MEK)		ND		49
n-Butylbenzene		ND		4.9
sec-Butylbenzene		ND		4.9
tert-Butylbenzene		ND		4.9
Carbon disulfide		ND		4.9
Carbon tetrachloride		ND		4.9
Chlorobenzene		ND		4.9
Chloroethane		ND		9.9
Chloroform		ND		4.9
Chloromethane		ND		9.9
2-Chlorotoluene		ND		4.9
4-Chlorotoluene		ND		4.9
Chlorodibromomethane		ND		4.9
1,2-Dichlorobenzene		ND		4.9
1,3-Dichlorobenzene		ND		4.9
1,4-Dichlorobenzene		ND		4.9
1,3-Dichloropropane		ND		4.9
1,1-Dichloropropene		ND		4.9
1,2-Dibromo-3-Chloropropane		ND		49
Ethylene Dibromide		ND		4.9
Dibromomethane		ND		9.9
Dichlorodifluoromethane		ND		9.9
1,1-Dichloroethane		ND		4.9
1,2-Dichloroethane		ND		4.9
1,1-Dichloroethene		ND		4.9
cis-1,2-Dichloroethene		ND		4.9
trans-1,2-Dichloroethene		ND		4.9
1,2-Dichloropropane		ND		4.9
cis-1,3-Dichloropropene		ND		4.9
trans-1,3-Dichloropropene		ND		4.9
Ethylbenzene		ND		4.9
Hexachlorobutadiene		ND		4.9
2-Hexanone		ND		49
Isopropylbenzene		ND		4.9
4-Isopropyltoluene		ND		4.9
Methylene Chloride		ND		9.9

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-1-10**

Lab Sample ID: 720-13485-2 | Date Sampled: 03/12/2008 1149
Client Matrix: Solid | Date Received: 03/17/2008 1735

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-33149	Instrument ID: Agilent 75MSD
Preparation:	5030B	Prep Batch: 720-33116	Lab File ID: 031808014.D
Dilution:	1.0		Initial Weight/Volume: 5.07 g
Date Analyzed:	03/18/2008 1631		Final Weight/Volume: 10 mL
Date Prepared:	03/18/2008 1200		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
4-Methyl-2-pentanone (MIBK)		ND		49
Naphthalene		ND		9.9
N-Propylbenzene		ND		4.9
Styrene		ND		4.9
1,1,1,2-Tetrachloroethane		ND		4.9
1,1,2,2-Tetrachloroethane		ND		4.9
Tetrachloroethene		ND		4.9
Toluene		ND		4.9
1,2,3-Trichlorobenzene		ND		4.9
1,2,4-Trichlorobenzene		ND		4.9
1,1,1-Trichloroethane		ND		4.9
1,1,2-Trichloroethane		ND		4.9
Trichloroethene		ND		4.9
Trichlorofluoromethane		ND		4.9
1,2,3-Trichloropropane		ND		4.9
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.9
1,2,4-Trimethylbenzene		ND		4.9
1,3,5-Trimethylbenzene		ND		4.9
Vinyl acetate		ND		49
Vinyl chloride		ND		4.9
Xylenes, Total		ND		9.9
2,2-Dichloropropane		ND		4.9

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	104	50 - 138
1,2-Dichloroethane-d4 (Surr)	99	66 - 127
Toluene-d8 (Surr)	98	51 - 129

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-1-10**

Lab Sample ID: 720-13485-2 | Date Sampled: 03/12/2008 1149
Client Matrix: Solid | Date Received: 03/17/2008 1735

8260B Volatile Organic Compounds by GC/MS

Method: 8260B | Analysis Batch: 720-33165 | Instrument ID: Varian 3900A
Preparation: 5030B | Prep Batch: 720-33166 | Lab File ID: c:\saturnws\data\200803\03
Dilution: 1.0 | Initial Weight/Volume: 5.21 g
Date Analyzed: 03/19/2008 1412 | Final Weight/Volume: 10 mL
Date Prepared: 03/19/2008 0840

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0048
Benzene		ND		0.0048
Ethylbenzene		ND		0.0048
MTBE		ND		0.0048
TAME		ND		0.0048
Toluene		ND		0.0048
Xylenes, Total		ND		0.0096
TBA		ND		0.0096
Tetrahydrofuran		ND		0.0096
DIPE		ND		0.0048
EDB		ND		0.0048
Gasoline Range Organics (GRO)-C5-C12		ND		0.24
Ethyl tert-butyl ether		ND		0.0048

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	97	70 - 130
1,2-Dichloroethane-d4 (Surr)	91	60 - 140

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-1-15**

Lab Sample ID: 720-13485-3 | Date Sampled: 03/12/2008 1200
Client Matrix: Solid | Date Received: 03/17/2008 1735

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B | Analysis Batch: 720-33149 | Instrument ID: Agilent 75MSD
Preparation: 5030B | Prep Batch: 720-33116 | Lab File ID: 031808015.D
Dilution: 1.0 | Initial Weight/Volume: 5.07 g
Date Analyzed: 03/18/2008 1656 | Final Weight/Volume: 10 mL
Date Prepared: 03/18/2008 1200

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		4.9
Acetone		ND		49
Benzene		ND		4.9
Dichlorobromomethane		ND		4.9
Bromobenzene		ND		4.9
Chlorobromomethane		ND		20
Bromoform		ND		4.9
Bromomethane		ND		9.9
2-Butanone (MEK)		ND		49
n-Butylbenzene		ND		4.9
sec-Butylbenzene		ND		4.9
tert-Butylbenzene		ND		4.9
Carbon disulfide		ND		4.9
Carbon tetrachloride		ND		4.9
Chlorobenzene		ND		4.9
Chloroethane		ND		9.9
Chloroform		ND		4.9
Chloromethane		ND		9.9
2-Chlorotoluene		ND		4.9
4-Chlorotoluene		ND		4.9
Chlorodibromomethane		ND		4.9
1,2-Dichlorobenzene		ND		4.9
1,3-Dichlorobenzene		ND		4.9
1,4-Dichlorobenzene		ND		4.9
1,3-Dichloropropane		ND		4.9
1,1-Dichloropropene		ND		4.9
1,2-Dibromo-3-Chloropropane		ND		49
Ethylene Dibromide		ND		4.9
Dibromomethane		ND		9.9
Dichlorodifluoromethane		ND		9.9
1,1-Dichloroethane		ND		4.9
1,2-Dichloroethane		ND		4.9
1,1-Dichloroethene		ND		4.9
cis-1,2-Dichloroethene		ND		4.9
trans-1,2-Dichloroethene		ND		4.9
1,2-Dichloropropane		ND		4.9
cis-1,3-Dichloropropene		ND		4.9
trans-1,3-Dichloropropene		ND		4.9
Ethylbenzene		ND		4.9
Hexachlorobutadiene		ND		4.9
2-Hexanone		ND		49
Isopropylbenzene		ND		4.9
4-Isopropyltoluene		ND		4.9
Methylene Chloride		ND		9.9

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-1-15**

Lab Sample ID: 720-13485-3 | Date Sampled: 03/12/2008 1200
Client Matrix: Solid | Date Received: 03/17/2008 1735

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-33149	Instrument ID: Agilent 75MSD
Preparation:	5030B	Prep Batch: 720-33116	Lab File ID: 031808015.D
Dilution:	1.0		Initial Weight/Volume: 5.07 g
Date Analyzed:	03/18/2008 1656		Final Weight/Volume: 10 mL
Date Prepared:	03/18/2008 1200		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
4-Methyl-2-pentanone (MIBK)		ND		49
Naphthalene		ND		9.9
N-Propylbenzene		ND		4.9
Styrene		ND		4.9
1,1,1,2-Tetrachloroethane		ND		4.9
1,1,2,2-Tetrachloroethane		ND		4.9
Tetrachloroethene		ND		4.9
Toluene		ND		4.9
1,2,3-Trichlorobenzene		ND		4.9
1,2,4-Trichlorobenzene		ND		4.9
1,1,1-Trichloroethane		ND		4.9
1,1,2-Trichloroethane		ND		4.9
Trichloroethene		ND		4.9
Trichlorofluoromethane		ND		4.9
1,2,3-Trichloropropane		ND		4.9
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.9
1,2,4-Trimethylbenzene		ND		4.9
1,3,5-Trimethylbenzene		ND		4.9
Vinyl acetate		ND		49
Vinyl chloride		ND		4.9
Xylenes, Total		ND		9.9
2,2-Dichloropropane		ND		4.9

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	93	50 - 138
1,2-Dichloroethane-d4 (Surr)	95	66 - 127
Toluene-d8 (Surr)	90	51 - 129

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-1-15**

Lab Sample ID: 720-13485-3 | Date Sampled: 03/12/2008 1200
Client Matrix: Solid | Date Received: 03/17/2008 1735

8260B Volatile Organic Compounds by GC/MS

Method: 8260B | Analysis Batch: 720-33165 | Instrument ID: Varian 3900A
Preparation: 5030B | Prep Batch: 720-33166 | Lab File ID: c:\saturnws\data\200803\03
Dilution: 1.0 | Initial Weight/Volume: 5.16 g
Date Analyzed: 03/19/2008 1434 | Final Weight/Volume: 10 mL
Date Prepared: 03/19/2008 0840

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0048
Benzene		ND		0.0048
Ethylbenzene		ND		0.0048
MTBE		ND		0.0048
TAME		ND		0.0048
Toluene		ND		0.0048
Xylenes, Total		ND		0.0097
TBA		ND		0.0097
Tetrahydrofuran		ND		0.0097
DIPE		ND		0.0048
EDB		ND		0.0048
Gasoline Range Organics (GRO)-C5-C12		ND		0.24
Ethyl tert-butyl ether		ND		0.0048

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	96	70 - 130
1,2-Dichloroethane-d4 (Surr)	95	60 - 140

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-1-30**

Lab Sample ID: 720-13485-4 | Date Sampled: 03/12/2008 1252
Client Matrix: Solid | Date Received: 03/17/2008 1735

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B | Analysis Batch: 720-33149 | Instrument ID: Agilent 75MSD
Preparation: 5030B | Prep Batch: 720-33116 | Lab File ID: 031808016.D
Dilution: 1.0 | Initial Weight/Volume: 5.30 g
Date Analyzed: 03/18/2008 1721 | Final Weight/Volume: 10 mL
Date Prepared: 03/18/2008 1200

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		4.7
Acetone		ND		47
Benzene		ND		4.7
Dichlorobromomethane		ND		4.7
Bromobenzene		ND		4.7
Chlorobromomethane		ND		19
Bromoform		ND		4.7
Bromomethane		ND		9.4
2-Butanone (MEK)		ND		47
n-Butylbenzene		ND		4.7
sec-Butylbenzene		ND		4.7
tert-Butylbenzene		ND		4.7
Carbon disulfide		ND		4.7
Carbon tetrachloride		ND		4.7
Chlorobenzene		ND		4.7
Chloroethane		ND		9.4
Chloroform		ND		4.7
Chloromethane		ND		9.4
2-Chlorotoluene		ND		4.7
4-Chlorotoluene		ND		4.7
Chlorodibromomethane		ND		4.7
1,2-Dichlorobenzene		ND		4.7
1,3-Dichlorobenzene		ND		4.7
1,4-Dichlorobenzene		ND		4.7
1,3-Dichloropropane		ND		4.7
1,1-Dichloropropene		ND		4.7
1,2-Dibromo-3-Chloropropane		ND		47
Ethylene Dibromide		ND		4.7
Dibromomethane		ND		9.4
Dichlorodifluoromethane		ND		9.4
1,1-Dichloroethane		ND		4.7
1,2-Dichloroethane		ND		4.7
1,1-Dichloroethene		ND		4.7
cis-1,2-Dichloroethene		ND		4.7
trans-1,2-Dichloroethene		ND		4.7
1,2-Dichloropropane		ND		4.7
cis-1,3-Dichloropropene		ND		4.7
trans-1,3-Dichloropropene		ND		4.7
Ethylbenzene		ND		4.7
Hexachlorobutadiene		ND		4.7
2-Hexanone		ND		47
Isopropylbenzene		ND		4.7
4-Isopropyltoluene		ND		4.7
Methylene Chloride		ND		9.4

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-1-30**

Lab Sample ID: 720-13485-4 | Date Sampled: 03/12/2008 1252
Client Matrix: Solid | Date Received: 03/17/2008 1735

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B | Analysis Batch: 720-33149 | Instrument ID: Agilent 75MSD
Preparation: 5030B | Prep Batch: 720-33116 | Lab File ID: 031808016.D
Dilution: 1.0 | Initial Weight/Volume: 5.30 g
Date Analyzed: 03/18/2008 1721 | Final Weight/Volume: 10 mL
Date Prepared: 03/18/2008 1200

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
4-Methyl-2-pentanone (MIBK)		ND		47
Naphthalene		ND		9.4
N-Propylbenzene		ND		4.7
Styrene		ND		4.7
1,1,1,2-Tetrachloroethane		ND		4.7
1,1,2,2-Tetrachloroethane		ND		4.7
Tetrachloroethene		ND		4.7
Toluene		ND		4.7
1,2,3-Trichlorobenzene		ND		4.7
1,2,4-Trichlorobenzene		ND		4.7
1,1,1-Trichloroethane		ND		4.7
1,1,2-Trichloroethane		ND		4.7
Trichloroethene		ND		4.7
Trichlorofluoromethane		ND		4.7
1,2,3-Trichloropropane		ND		4.7
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.7
1,2,4-Trimethylbenzene		ND		4.7
1,3,5-Trimethylbenzene		ND		4.7
Vinyl acetate		ND		47
Vinyl chloride		ND		4.7
Xylenes, Total		ND		9.4
2,2-Dichloropropane		ND		4.7

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	104	50 - 138
1,2-Dichloroethane-d4 (Surr)	101	66 - 127
Toluene-d8 (Surr)	101	51 - 129

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-1-30**

Lab Sample ID: 720-13485-4 | Date Sampled: 03/12/2008 1252
Client Matrix: Solid | Date Received: 03/17/2008 1735

8260B Volatile Organic Compounds by GC/MS

Method: 8260B | Analysis Batch: 720-33165 | Instrument ID: Varian 3900A
Preparation: 5030B | Prep Batch: 720-33166 | Lab File ID: c:\saturnws\data\200803\03
Dilution: 1.0 | Initial Weight/Volume: 5.11 g
Date Analyzed: 03/19/2008 1457 | Final Weight/Volume: 10 mL
Date Prepared: 03/19/2008 0840

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0049
Benzene		ND		0.0049
Ethylbenzene		ND		0.0049
MTBE		ND		0.0049
TAME		ND		0.0049
Toluene		ND		0.0049
Xylenes, Total		ND		0.0098
TBA		ND		0.0098
Tetrahydrofuran		ND		0.0098
DIPE		ND		0.0049
EDB		ND		0.0049
Gasoline Range Organics (GRO)-C5-C12		ND		0.24
Ethyl tert-butyl ether		ND		0.0049

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	101	70 - 130
1,2-Dichloroethane-d4 (Surr)	94	60 - 140

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-1-35**

Lab Sample ID: 720-13485-5 | Date Sampled: 03/12/2008 1309
Client Matrix: Solid | Date Received: 03/17/2008 1735

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B | Analysis Batch: 720-33149 | Instrument ID: Agilent 75MSD
Preparation: 5030B | Prep Batch: 720-33116 | Lab File ID: 031808017.D
Dilution: 1.0 | Initial Weight/Volume: 5.35 g
Date Analyzed: 03/18/2008 1747 | Final Weight/Volume: 10 mL
Date Prepared: 03/18/2008 1200

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		4.7
Acetone		ND		47
Benzene		ND		4.7
Dichlorobromomethane		ND		4.7
Bromobenzene		ND		4.7
Chlorobromomethane		ND		19
Bromoform		ND		4.7
Bromomethane		ND		9.3
2-Butanone (MEK)		ND		47
n-Butylbenzene		ND		4.7
sec-Butylbenzene		ND		4.7
tert-Butylbenzene		ND		4.7
Carbon disulfide		ND		4.7
Carbon tetrachloride		ND		4.7
Chlorobenzene		ND		4.7
Chloroethane		ND		9.3
Chloroform		ND		4.7
Chloromethane		ND		9.3
2-Chlorotoluene		ND		4.7
4-Chlorotoluene		ND		4.7
Chlorodibromomethane		ND		4.7
1,2-Dichlorobenzene		ND		4.7
1,3-Dichlorobenzene		ND		4.7
1,4-Dichlorobenzene		ND		4.7
1,3-Dichloropropane		ND		4.7
1,1-Dichloropropene		ND		4.7
1,2-Dibromo-3-Chloropropane		ND		47
Ethylene Dibromide		ND		4.7
Dibromomethane		ND		9.3
Dichlorodifluoromethane		ND		9.3
1,1-Dichloroethane		ND		4.7
1,2-Dichloroethane		ND		4.7
1,1-Dichloroethene		ND		4.7
cis-1,2-Dichloroethene		ND		4.7
trans-1,2-Dichloroethene		ND		4.7
1,2-Dichloropropane		ND		4.7
cis-1,3-Dichloropropene		ND		4.7
trans-1,3-Dichloropropene		ND		4.7
Ethylbenzene		ND		4.7
Hexachlorobutadiene		ND		4.7
2-Hexanone		ND		47
Isopropylbenzene		ND		4.7
4-Isopropyltoluene		ND		4.7
Methylene Chloride		ND		9.3

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-1-35**

Lab Sample ID: 720-13485-5 | Date Sampled: 03/12/2008 1309
Client Matrix: Solid | Date Received: 03/17/2008 1735

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B | Analysis Batch: 720-33149 | Instrument ID: Agilent 75MSD
Preparation: 5030B | Prep Batch: 720-33116 | Lab File ID: 031808017.D
Dilution: 1.0 | Initial Weight/Volume: 5.35 g
Date Analyzed: 03/18/2008 1747 | Final Weight/Volume: 10 mL
Date Prepared: 03/18/2008 1200

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
4-Methyl-2-pentanone (MIBK)		ND		47
Naphthalene		ND		9.3
N-Propylbenzene		ND		4.7
Styrene		ND		4.7
1,1,1,2-Tetrachloroethane		ND		4.7
1,1,2,2-Tetrachloroethane		ND		4.7
Tetrachloroethene		ND		4.7
Toluene		ND		4.7
1,2,3-Trichlorobenzene		ND		4.7
1,2,4-Trichlorobenzene		ND		4.7
1,1,1-Trichloroethane		ND		4.7
1,1,2-Trichloroethane		ND		4.7
Trichloroethene		ND		4.7
Trichlorofluoromethane		ND		4.7
1,2,3-Trichloropropane		ND		4.7
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.7
1,2,4-Trimethylbenzene		ND		4.7
1,3,5-Trimethylbenzene		ND		4.7
Vinyl acetate		ND		47
Vinyl chloride		ND		4.7
Xylenes, Total		ND		9.3
2,2-Dichloropropane		ND		4.7

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	103	50 - 138
1,2-Dichloroethane-d4 (Surr)	103	66 - 127
Toluene-d8 (Surr)	100	51 - 129

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-1-35**

Lab Sample ID: 720-13485-5 | Date Sampled: 03/12/2008 1309
Client Matrix: Solid | Date Received: 03/17/2008 1735

8260B Volatile Organic Compounds by GC/MS

Method: 8260B | Analysis Batch: 720-33165 | Instrument ID: Varian 3900A
Preparation: 5030B | Prep Batch: 720-33166 | Lab File ID: c:\saturnws\data\200803\03
Dilution: 1.0 | Initial Weight/Volume: 5.47 g
Date Analyzed: 03/19/2008 1519 | Final Weight/Volume: 10 mL
Date Prepared: 03/19/2008 0840

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0046
Benzene		ND		0.0046
Ethylbenzene		ND		0.0046
MTBE		ND		0.0046
TAME		ND		0.0046
Toluene		ND		0.0046
Xylenes, Total		ND		0.0091
TBA		ND		0.0091
Tetrahydrofuran		ND		0.0091
DIPE		ND		0.0046
EDB		ND		0.0046
Gasoline Range Organics (GRO)-C5-C12		ND		0.23
Ethyl tert-butyl ether		ND		0.0046

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	98	70 - 130
1,2-Dichloroethane-d4 (Surr)	95	60 - 140

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-2-9**

Lab Sample ID: 720-13485-6 | Date Sampled: 03/12/2008 1721
Client Matrix: Solid | Date Received: 03/17/2008 1735

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B | Analysis Batch: 720-33149 | Instrument ID: Agilent 75MSD
Preparation: 5030B | Prep Batch: 720-33116 | Lab File ID: 031808018.D
Dilution: 1.0 | Initial Weight/Volume: 5.35 g
Date Analyzed: 03/18/2008 1812 | Final Weight/Volume: 10 mL
Date Prepared: 03/18/2008 1200

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		4.7
Acetone		ND		47
Benzene		ND		4.7
Dichlorobromomethane		ND		4.7
Bromobenzene		ND		4.7
Chlorobromomethane		ND		19
Bromoform		ND		4.7
Bromomethane		ND		9.3
2-Butanone (MEK)		ND		47
n-Butylbenzene		ND		4.7
sec-Butylbenzene		ND		4.7
tert-Butylbenzene		ND		4.7
Carbon disulfide		ND		4.7
Carbon tetrachloride		ND		4.7
Chlorobenzene		ND		4.7
Chloroethane		ND		9.3
Chloroform		ND		4.7
Chloromethane		ND		9.3
2-Chlorotoluene		ND		4.7
4-Chlorotoluene		ND		4.7
Chlorodibromomethane		ND		4.7
1,2-Dichlorobenzene		ND		4.7
1,3-Dichlorobenzene		ND		4.7
1,4-Dichlorobenzene		ND		4.7
1,3-Dichloropropane		ND		4.7
1,1-Dichloropropene		ND		4.7
1,2-Dibromo-3-Chloropropane		ND		47
Ethylene Dibromide		ND		4.7
Dibromomethane		ND		9.3
Dichlorodifluoromethane		ND		9.3
1,1-Dichloroethane		ND		4.7
1,2-Dichloroethane		ND		4.7
1,1-Dichloroethene		ND		4.7
cis-1,2-Dichloroethene		ND		4.7
trans-1,2-Dichloroethene		ND		4.7
1,2-Dichloropropane		ND		4.7
cis-1,3-Dichloropropene		ND		4.7
trans-1,3-Dichloropropene		ND		4.7
Ethylbenzene		ND		4.7
Hexachlorobutadiene		ND		4.7
2-Hexanone		ND		47
Isopropylbenzene		ND		4.7
4-Isopropyltoluene		ND		4.7
Methylene Chloride		ND		9.3

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-2-9**

Lab Sample ID: 720-13485-6 | Date Sampled: 03/12/2008 1721
Client Matrix: Solid | Date Received: 03/17/2008 1735

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-33149	Instrument ID: Agilent 75MSD
Preparation:	5030B	Prep Batch: 720-33116	Lab File ID: 031808018.D
Dilution:	1.0		Initial Weight/Volume: 5.35 g
Date Analyzed:	03/18/2008 1812		Final Weight/Volume: 10 mL
Date Prepared:	03/18/2008 1200		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
4-Methyl-2-pentanone (MIBK)		ND		47
Naphthalene		ND		9.3
N-Propylbenzene		ND		4.7
Styrene		ND		4.7
1,1,1,2-Tetrachloroethane		ND		4.7
1,1,2,2-Tetrachloroethane		ND		4.7
Tetrachloroethene		ND		4.7
Toluene		ND		4.7
1,2,3-Trichlorobenzene		ND		4.7
1,2,4-Trichlorobenzene		ND		4.7
1,1,1-Trichloroethane		ND		4.7
1,1,2-Trichloroethane		ND		4.7
Trichloroethene		ND		4.7
Trichlorofluoromethane		ND		4.7
1,2,3-Trichloropropane		ND		4.7
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.7
1,2,4-Trimethylbenzene		ND		4.7
1,3,5-Trimethylbenzene		ND		4.7
Vinyl acetate		ND		47
Vinyl chloride		ND		4.7
Xylenes, Total		ND		9.3
2,2-Dichloropropane		ND		4.7

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	98	50 - 138
1,2-Dichloroethane-d4 (Surr)	101	66 - 127
Toluene-d8 (Surr)	97	51 - 129

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-2-9**

Lab Sample ID: 720-13485-6 | Date Sampled: 03/12/2008 1721
Client Matrix: Solid | Date Received: 03/17/2008 1735

8260B Volatile Organic Compounds by GC/MS

Method: 8260B | Analysis Batch: 720-33165 | Instrument ID: Varian 3900A
Preparation: 5030B | Prep Batch: 720-33166 | Lab File ID: c:\saturnws\data\200803\03
Dilution: 1.0 | Initial Weight/Volume: 5.43 g
Date Analyzed: 03/19/2008 1541 | Final Weight/Volume: 10 mL
Date Prepared: 03/19/2008 0840

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0046
Benzene		ND		0.0046
Ethylbenzene		ND		0.0046
MTBE		ND		0.0046
TAME		ND		0.0046
Toluene		ND		0.0046
Xylenes, Total		ND		0.0092
TBA		ND		0.0092
Tetrahydrofuran		ND		0.0092
DIPE		ND		0.0046
EDB		ND		0.0046
Gasoline Range Organics (GRO)-C5-C12		ND		0.23
Ethyl tert-butyl ether		ND		0.0046

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	95	70 - 130
1,2-Dichloroethane-d4 (Surr)	92	60 - 140

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-2-15**

Lab Sample ID: 720-13485-7 | Date Sampled: 03/12/2008 1750
Client Matrix: Solid | Date Received: 03/17/2008 1735

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B | Analysis Batch: 720-33149 | Instrument ID: Agilent 75MSD
Preparation: 5030B | Prep Batch: 720-33116 | Lab File ID: 031808019.D
Dilution: 1.0 | Initial Weight/Volume: 5.09 g
Date Analyzed: 03/18/2008 1837 | Final Weight/Volume: 10 mL
Date Prepared: 03/18/2008 1200

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		4.9
Acetone		ND		49
Benzene		ND		4.9
Dichlorobromomethane		ND		4.9
Bromobenzene		ND		4.9
Chlorobromomethane		ND		20
Bromoform		ND		4.9
Bromomethane		ND		9.8
2-Butanone (MEK)		ND		49
n-Butylbenzene		ND		4.9
sec-Butylbenzene		ND		4.9
tert-Butylbenzene		ND		4.9
Carbon disulfide		ND		4.9
Carbon tetrachloride		ND		4.9
Chlorobenzene		ND		4.9
Chloroethane		ND		9.8
Chloroform		ND		4.9
Chloromethane		ND		9.8
2-Chlorotoluene		ND		4.9
4-Chlorotoluene		ND		4.9
Chlorodibromomethane		ND		4.9
1,2-Dichlorobenzene		ND		4.9
1,3-Dichlorobenzene		ND		4.9
1,4-Dichlorobenzene		ND		4.9
1,3-Dichloropropane		ND		4.9
1,1-Dichloropropene		ND		4.9
1,2-Dibromo-3-Chloropropane		ND		49
Ethylene Dibromide		ND		4.9
Dibromomethane		ND		9.8
Dichlorodifluoromethane		ND		9.8
1,1-Dichloroethane		ND		4.9
1,2-Dichloroethane		ND		4.9
1,1-Dichloroethene		ND		4.9
cis-1,2-Dichloroethene		ND		4.9
trans-1,2-Dichloroethene		ND		4.9
1,2-Dichloropropane		ND		4.9
cis-1,3-Dichloropropene		ND		4.9
trans-1,3-Dichloropropene		ND		4.9
Ethylbenzene		ND		4.9
Hexachlorobutadiene		ND		4.9
2-Hexanone		ND		49
Isopropylbenzene		ND		4.9
4-Isopropyltoluene		ND		4.9
Methylene Chloride		ND		9.8

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-2-15**

Lab Sample ID: 720-13485-7 | Date Sampled: 03/12/2008 1750
Client Matrix: Solid | Date Received: 03/17/2008 1735

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-33149	Instrument ID: Agilent 75MSD
Preparation:	5030B	Prep Batch: 720-33116	Lab File ID: 031808019.D
Dilution:	1.0		Initial Weight/Volume: 5.09 g
Date Analyzed:	03/18/2008 1837		Final Weight/Volume: 10 mL
Date Prepared:	03/18/2008 1200		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
4-Methyl-2-pentanone (MIBK)		ND		49
Naphthalene		ND		9.8
N-Propylbenzene		ND		4.9
Styrene		ND		4.9
1,1,1,2-Tetrachloroethane		ND		4.9
1,1,2,2-Tetrachloroethane		ND		4.9
Tetrachloroethene		ND		4.9
Toluene		ND		4.9
1,2,3-Trichlorobenzene		ND		4.9
1,2,4-Trichlorobenzene		ND		4.9
1,1,1-Trichloroethane		ND		4.9
1,1,2-Trichloroethane		ND		4.9
Trichloroethene		ND		4.9
Trichlorofluoromethane		ND		4.9
1,2,3-Trichloropropane		ND		4.9
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.9
1,2,4-Trimethylbenzene		ND		4.9
1,3,5-Trimethylbenzene		ND		4.9
Vinyl acetate		ND		49
Vinyl chloride		ND		4.9
Xylenes, Total		ND		9.8
2,2-Dichloropropane		ND		4.9

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	97	50 - 138
1,2-Dichloroethane-d4 (Surr)	97	66 - 127
Toluene-d8 (Surr)	96	51 - 129

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-2-15**

Lab Sample ID: 720-13485-7 | Date Sampled: 03/12/2008 1750
Client Matrix: Solid | Date Received: 03/17/2008 1735

8260B Volatile Organic Compounds by GC/MS

Method: 8260B | Analysis Batch: 720-33165 | Instrument ID: Varian 3900A
Preparation: 5030B | Prep Batch: 720-33166 | Lab File ID: c:\saturnws\data\200803\03
Dilution: 1.0 | Initial Weight/Volume: 5.07 g
Date Analyzed: 03/19/2008 1604 | Final Weight/Volume: 10 mL
Date Prepared: 03/19/2008 0840

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0049
Benzene		ND		0.0049
Ethylbenzene		ND		0.0049
MTBE		ND		0.0049
TAME		ND		0.0049
Toluene		ND		0.0049
Xylenes, Total		ND		0.0099
TBA		ND		0.0099
Tetrahydrofuran		ND		0.0099
DIPE		ND		0.0049
EDB		ND		0.0049
Gasoline Range Organics (GRO)-C5-C12		ND		0.25
Ethyl tert-butyl ether		ND		0.0049

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	99	70 - 130
1,2-Dichloroethane-d4 (Surr)	91	60 - 140

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-2-20**

Lab Sample ID: 720-13485-8 | Date Sampled: 03/12/2008 1756
Client Matrix: Solid | Date Received: 03/17/2008 1735

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B | Analysis Batch: 720-33149 | Instrument ID: Agilent 75MSD
Preparation: 5030B | Prep Batch: 720-33116 | Lab File ID: 031808020.D
Dilution: 1.0 | Initial Weight/Volume: 5.12 g
Date Analyzed: 03/18/2008 1944 | Final Weight/Volume: 10 mL
Date Prepared: 03/18/2008 1200

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		4.9
Acetone		ND		49
Benzene		ND		4.9
Dichlorobromomethane		ND		4.9
Bromobenzene		ND		4.9
Chlorobromomethane		ND		20
Bromoform		ND		4.9
Bromomethane		ND		9.8
2-Butanone (MEK)		ND		49
n-Butylbenzene		ND		4.9
sec-Butylbenzene		ND		4.9
tert-Butylbenzene		ND		4.9
Carbon disulfide		ND		4.9
Carbon tetrachloride		ND		4.9
Chlorobenzene		ND		4.9
Chloroethane		ND		9.8
Chloroform		ND		4.9
Chloromethane		ND		9.8
2-Chlorotoluene		ND		4.9
4-Chlorotoluene		ND		4.9
Chlorodibromomethane		ND		4.9
1,2-Dichlorobenzene		ND		4.9
1,3-Dichlorobenzene		ND		4.9
1,4-Dichlorobenzene		ND		4.9
1,3-Dichloropropane		ND		4.9
1,1-Dichloropropene		ND		4.9
1,2-Dibromo-3-Chloropropane		ND		49
Ethylene Dibromide		ND		4.9
Dibromomethane		ND		9.8
Dichlorodifluoromethane		ND		9.8
1,1-Dichloroethane		ND		4.9
1,2-Dichloroethane		ND		4.9
1,1-Dichloroethene		ND		4.9
cis-1,2-Dichloroethene		ND		4.9
trans-1,2-Dichloroethene		ND		4.9
1,2-Dichloropropane		ND		4.9
cis-1,3-Dichloropropene		ND		4.9
trans-1,3-Dichloropropene		ND		4.9
Ethylbenzene		ND		4.9
Hexachlorobutadiene		ND		4.9
2-Hexanone		ND		49
Isopropylbenzene		ND		4.9
4-Isopropyltoluene		ND		4.9
Methylene Chloride		ND		9.8

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-2-20**

Lab Sample ID: 720-13485-8 | Date Sampled: 03/12/2008 1756
Client Matrix: Solid | Date Received: 03/17/2008 1735

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B | Analysis Batch: 720-33149 | Instrument ID: Agilent 75MSD
Preparation: 5030B | Prep Batch: 720-33116 | Lab File ID: 031808020.D
Dilution: 1.0 | Initial Weight/Volume: 5.12 g
Date Analyzed: 03/18/2008 1944 | Final Weight/Volume: 10 mL
Date Prepared: 03/18/2008 1200

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
4-Methyl-2-pentanone (MIBK)		ND		49
Naphthalene		ND		9.8
N-Propylbenzene		ND		4.9
Styrene		ND		4.9
1,1,1,2-Tetrachloroethane		ND		4.9
1,1,2,2-Tetrachloroethane		ND		4.9
Tetrachloroethene		ND		4.9
Toluene		ND		4.9
1,2,3-Trichlorobenzene		ND		4.9
1,2,4-Trichlorobenzene		ND		4.9
1,1,1-Trichloroethane		ND		4.9
1,1,2-Trichloroethane		ND		4.9
Trichloroethene		ND		4.9
Trichlorofluoromethane		ND		4.9
1,2,3-Trichloropropane		ND		4.9
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.9
1,2,4-Trimethylbenzene		ND		4.9
1,3,5-Trimethylbenzene		ND		4.9
Vinyl acetate		ND		49
Vinyl chloride		ND		4.9
Xylenes, Total		ND		9.8
2,2-Dichloropropane		ND		4.9

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	101	50 - 138
1,2-Dichloroethane-d4 (Surr)	101	66 - 127
Toluene-d8 (Surr)	96	51 - 129

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-2-20**

Lab Sample ID: 720-13485-8 | Date Sampled: 03/12/2008 1756
Client Matrix: Solid | Date Received: 03/17/2008 1735

8260B Volatile Organic Compounds by GC/MS

Method: 8260B | Analysis Batch: 720-33165 | Instrument ID: Varian 3900A
Preparation: 5030B | Prep Batch: 720-33166 | Lab File ID: c:\saturnws\data\200803\03
Dilution: 1.0 | Initial Weight/Volume: 5.35 g
Date Analyzed: 03/19/2008 1626 | Final Weight/Volume: 10 mL
Date Prepared: 03/19/2008 0840

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
1,2-Dichloroethane		ND		0.0047
Benzene		ND		0.0047
Ethylbenzene		ND		0.0047
MTBE		ND		0.0047
TAME		ND		0.0047
Toluene		ND		0.0047
Xylenes, Total		ND		0.0093
TBA		ND		0.0093
Tetrahydrofuran		ND		0.0093
DIPE		ND		0.0047
EDB		ND		0.0047
Gasoline Range Organics (GRO)-C5-C12		ND		0.23
Ethyl tert-butyl ether		ND		0.0047

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	97	70 - 130
1,2-Dichloroethane-d4 (Surr)	101	60 - 140

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-1-5**

Lab Sample ID: 720-13485-1 | Date Sampled: 03/12/2008 1140
Client Matrix: Solid | Date Received: 03/17/2008 1735

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B | Analysis Batch: 720-33147 | Instrument ID: HP DRO5
Preparation: 3550B | Prep Batch: 720-33093 | Lab File ID: N/A
Dilution: 1.0 | Initial Weight/Volume: 30.17 g
Date Analyzed: 03/19/2008 2331 | Final Weight/Volume: 5 mL
Date Prepared: 03/18/2008 1111 | Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	93	40 - 119

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-1-10**

Lab Sample ID: 720-13485-2 | Date Sampled: 03/12/2008 1149
Client Matrix: Solid | Date Received: 03/17/2008 1735

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-33147	Instrument ID:	HP DRO5	
Preparation:	3550B	Prep Batch: 720-33093	Lab File ID:	N/A	
Dilution:	1.0		Initial Weight/Volume:	30.26	g
Date Analyzed:	03/19/2008 2358		Final Weight/Volume:	5	mL
Date Prepared:	03/18/2008 1111		Injection Volume:		
			Column ID:	PRIMARY	

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	99	40 - 119

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-1-15**

Lab Sample ID: 720-13485-3 | Date Sampled: 03/12/2008 1200
Client Matrix: Solid | Date Received: 03/17/2008 1735

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B | Analysis Batch: 720-33147 | Instrument ID: HP DRO5
Preparation: 3550B | Prep Batch: 720-33093 | Lab File ID: N/A
Dilution: 1.0 | Initial Weight/Volume: 30.12 g
Date Analyzed: 03/20/2008 0025 | Final Weight/Volume: 5 mL
Date Prepared: 03/18/2008 1111 | Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		1.0

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	91	40 - 119

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-1-30**

Lab Sample ID: 720-13485-4 | Date Sampled: 03/12/2008 1252
Client Matrix: Solid | Date Received: 03/17/2008 1735

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-33147	Instrument ID:	HP DRO5	
Preparation:	3550B	Prep Batch: 720-33093	Lab File ID:	N/A	
Dilution:	1.0		Initial Weight/Volume:	30.14	g
Date Analyzed:	03/20/2008 0145		Final Weight/Volume:	5	mL
Date Prepared:	03/18/2008 1111		Injection Volume:		
			Column ID:	PRIMARY	

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		1.0

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	97	40 - 119

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-1-35**

Lab Sample ID: 720-13485-5 | Date Sampled: 03/12/2008 1309
Client Matrix: Solid | Date Received: 03/17/2008 1735

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B | Analysis Batch: 720-33147 | Instrument ID: HP DRO5
Preparation: 3550B | Prep Batch: 720-33093 | Lab File ID: N/A
Dilution: 1.0 | Initial Weight/Volume: 30.18 g
Date Analyzed: 03/20/2008 0212 | Final Weight/Volume: 5 mL
Date Prepared: 03/18/2008 1111 | Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	93	40 - 119

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-2-9**

Lab Sample ID: 720-13485-6 | Date Sampled: 03/12/2008 1721
Client Matrix: Solid | Date Received: 03/17/2008 1735

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-33147	Instrument ID:	HP DRO5	
Preparation:	3550B	Prep Batch: 720-33093	Lab File ID:	N/A	
Dilution:	1.0		Initial Weight/Volume:	30.03	g
Date Analyzed:	03/20/2008 0239		Final Weight/Volume:	5	mL
Date Prepared:	03/18/2008 1111		Injection Volume:		
			Column ID:	PRIMARY	

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		1.0

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	89	40 - 119

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-2-15**

Lab Sample ID: 720-13485-7 | Date Sampled: 03/12/2008 1750
Client Matrix: Solid | Date Received: 03/17/2008 1735

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-33147	Instrument ID:	HP DRO5	
Preparation:	3550B	Prep Batch: 720-33093	Lab File ID:	N/A	
Dilution:	1.0		Initial Weight/Volume:	30.44	g
Date Analyzed:	03/20/2008 0306		Final Weight/Volume:	5	mL
Date Prepared:	03/18/2008 1111		Injection Volume:		
			Column ID:	PRIMARY	

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	89	40 - 119

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: **MWS-2-20**

Lab Sample ID: 720-13485-8 | Date Sampled: 03/12/2008 1756
Client Matrix: Solid | Date Received: 03/17/2008 1735

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-33147	Instrument ID:	HP DRO5	
Preparation:	3550B	Prep Batch: 720-33093	Lab File ID:	N/A	
Dilution:	1.0		Initial Weight/Volume:	30.25	g
Date Analyzed:	03/20/2008 0332		Final Weight/Volume:	5	mL
Date Prepared:	03/18/2008 1111		Injection Volume:		
			Column ID:	PRIMARY	

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	95	40 - 119

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: MWS-1-5

Lab Sample ID:	720-13485-1	Date Sampled:	03/12/2008 1140
Client Matrix:	Solid	Date Received:	03/17/2008 1735

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 720-33164		Instrument ID:	Varian ICP
Preparation:	3050B	Prep Batch: 720-33121		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.99 g
Date Analyzed:	03/19/2008 0905			Final Weight/Volume:	50 mL
Date Prepared:	03/18/2008 1449				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Antimony		3.2		2.0
Arsenic		4.8		1.0
Barium		180		1.0
Beryllium		0.54		0.51
Cadmium		ND		0.51
Chromium		81		1.0
Cobalt		20		1.0
Copper		34		1.0
Lead		7.7		1.0
Molybdenum		ND		1.0
Nickel		200		1.0
Selenium		ND		2.0
Silver		ND		1.0
Thallium		ND		1.0
Vanadium		33		1.0
Zinc		44		1.0

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method:	7471A	Analysis Batch: 720-33174		Instrument ID:	FIMS 100
Preparation:	7471A	Prep Batch: 720-33152		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.95 g
Date Analyzed:	03/19/2008 1359			Final Weight/Volume:	50 mL
Date Prepared:	03/19/2008 1049				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Mercury		ND		0.053

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: MWS-1-10

Lab Sample ID:	720-13485-2	Date Sampled:	03/12/2008 1149
Client Matrix:	Solid	Date Received:	03/17/2008 1735

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 720-33164		Instrument ID:	Varian ICP
Preparation:	3050B	Prep Batch: 720-33121		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.02 g
Date Analyzed:	03/19/2008 0948			Final Weight/Volume:	50 mL
Date Prepared:	03/18/2008 1449				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Antimony		ND		2.0
Arsenic		4.7		0.98
Barium		300		0.98
Beryllium		0.51		0.49
Cadmium		ND		0.49
Chromium		81		0.98
Cobalt		20		0.98
Copper		35		0.98
Lead		7.8		0.98
Molybdenum		ND		0.98
Nickel		200		0.98
Selenium		ND		2.0
Silver		ND		0.98
Thallium		ND		0.98
Vanadium		32		0.98
Zinc		46		0.98

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method:	7471A	Analysis Batch: 720-33174		Instrument ID:	FIMS 100
Preparation:	7471A	Prep Batch: 720-33152		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.03 g
Date Analyzed:	03/19/2008 1400			Final Weight/Volume:	50 mL
Date Prepared:	03/19/2008 1049				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Mercury		ND		0.049

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: MWS-1-15

Lab Sample ID:	720-13485-3	Date Sampled:	03/12/2008 1200
Client Matrix:	Solid	Date Received:	03/17/2008 1735

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 720-33164		Instrument ID:	Varian ICP
Preparation:	3050B	Prep Batch: 720-33121		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.99 g
Date Analyzed:	03/19/2008 0952			Final Weight/Volume:	50 mL
Date Prepared:	03/18/2008 1449				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Antimony		ND		2.0
Arsenic		4.8		1.0
Barium		160		1.0
Beryllium		ND		0.51
Cadmium		ND		0.51
Chromium		55		1.0
Cobalt		17		1.0
Copper		28		1.0
Lead		6.3		1.0
Molybdenum		ND		1.0
Nickel		110		1.0
Selenium		ND		2.0
Silver		ND		1.0
Thallium		ND		1.0
Vanadium		29		1.0
Zinc		44		1.0

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method:	7471A	Analysis Batch: 720-33174		Instrument ID:	FIMS 100
Preparation:	7471A	Prep Batch: 720-33152		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.03 g
Date Analyzed:	03/19/2008 1355			Final Weight/Volume:	50 mL
Date Prepared:	03/19/2008 1049				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Mercury		0.11		0.049

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: MWS-1-30

Lab Sample ID:	720-13485-4	Date Sampled:	03/12/2008 1252
Client Matrix:	Solid	Date Received:	03/17/2008 1735

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 720-33164		Instrument ID:	Varian ICP
Preparation:	3050B	Prep Batch: 720-33121		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.04 g
Date Analyzed:	03/19/2008 1009			Final Weight/Volume:	50 mL
Date Prepared:	03/18/2008 1449				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Antimony		ND		1.9
Arsenic		2.9		0.96
Barium		72		0.96
Beryllium		ND		0.48
Cadmium		ND		0.48
Chromium		37		0.96
Cobalt		9.6		0.96
Copper		17		0.96
Lead		3.5		0.96
Molybdenum		ND		0.96
Nickel		92		0.96
Selenium		ND		1.9
Silver		ND		0.96
Thallium		ND		0.96
Vanadium		19		0.96
Zinc		30		0.96

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method:	7471A	Analysis Batch: 720-33174		Instrument ID:	FIMS 100
Preparation:	7471A	Prep Batch: 720-33152		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.97 g
Date Analyzed:	03/19/2008 1403			Final Weight/Volume:	50 mL
Date Prepared:	03/19/2008 1049				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Mercury		ND		0.052

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: MWS-1-35

Lab Sample ID:	720-13485-5	Date Sampled:	03/12/2008 1309
Client Matrix:	Solid	Date Received:	03/17/2008 1735

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 720-33164		Instrument ID:	Varian ICP
Preparation:	3050B	Prep Batch: 720-33121		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.01 g
Date Analyzed:	03/19/2008 1013			Final Weight/Volume:	50 mL
Date Prepared:	03/18/2008 1449				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Antimony		ND		2.0
Arsenic		3.3		0.99
Barium		92		0.99
Beryllium		ND		0.50
Cadmium		ND		0.50
Chromium		37		0.99
Cobalt		8.7		0.99
Copper		18		0.99
Lead		4.5		0.99
Molybdenum		ND		0.99
Nickel		90		0.99
Selenium		ND		2.0
Silver		ND		0.99
Thallium		ND		0.99
Vanadium		17		0.99
Zinc		36		0.99

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method:	7471A	Analysis Batch: 720-33174		Instrument ID:	FIMS 100
Preparation:	7471A	Prep Batch: 720-33152		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.99 g
Date Analyzed:	03/19/2008 1405			Final Weight/Volume:	50 mL
Date Prepared:	03/19/2008 1049				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Mercury		ND		0.051

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: MWS-2-9

Lab Sample ID:	720-13485-6	Date Sampled:	03/12/2008 1721
Client Matrix:	Solid	Date Received:	03/17/2008 1735

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 720-33164		Instrument ID:	Varian ICP
Preparation:	3050B	Prep Batch: 720-33121		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.02 g
Date Analyzed:	03/19/2008 1017			Final Weight/Volume:	50 mL
Date Prepared:	03/18/2008 1449				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Antimony		ND		2.0
Arsenic		3.5		0.98
Barium		110		0.98
Beryllium		ND		0.49
Cadmium		ND		0.49
Chromium		80		0.98
Cobalt		15		0.98
Copper		27		0.98
Lead		4.2		0.98
Molybdenum		8.2		0.98
Nickel		200		0.98
Selenium		ND		2.0
Silver		ND		0.98
Thallium		ND		0.98
Vanadium		23		0.98
Zinc		33		0.98

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method:	7471A	Analysis Batch: 720-33174		Instrument ID:	FIMS 100
Preparation:	7471A	Prep Batch: 720-33152		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.00 g
Date Analyzed:	03/19/2008 1406			Final Weight/Volume:	50 mL
Date Prepared:	03/19/2008 1049				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Mercury		ND		0.050

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: MWS-2-15

Lab Sample ID:	720-13485-7	Date Sampled:	03/12/2008 1750
Client Matrix:	Solid	Date Received:	03/17/2008 1735

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 720-33164		Instrument ID:	Varian ICP
Preparation:	3050B	Prep Batch: 720-33121		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.05 g
Date Analyzed:	03/19/2008 1021			Final Weight/Volume:	50 mL
Date Prepared:	03/18/2008 1449				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Antimony		ND		1.9
Arsenic		5.8		0.95
Barium		140		0.95
Beryllium		ND		0.48
Cadmium		ND		0.48
Chromium		63		0.95
Cobalt		17		0.95
Copper		36		0.95
Lead		6.8		0.95
Molybdenum		ND		0.95
Nickel		140		0.95
Selenium		ND		1.9
Silver		ND		0.95
Thallium		ND		0.95
Vanadium		28		0.95
Zinc		46		0.95

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method:	7471A	Analysis Batch: 720-33174		Instrument ID:	FIMS 100
Preparation:	7471A	Prep Batch: 720-33152		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.03 g
Date Analyzed:	03/19/2008 1407			Final Weight/Volume:	50 mL
Date Prepared:	03/19/2008 1049				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Mercury		0.093		0.049

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Client Sample ID: MWS-2-20

Lab Sample ID:	720-13485-8	Date Sampled:	03/12/2008 1756
Client Matrix:	Solid	Date Received:	03/17/2008 1735

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 720-33164		Instrument ID:	Varian ICP
Preparation:	3050B	Prep Batch: 720-33121		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.01 g
Date Analyzed:	03/19/2008 1024			Final Weight/Volume:	50 mL
Date Prepared:	03/18/2008 1449				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Antimony		ND		2.0
Arsenic		4.8		0.99
Barium		130		0.99
Beryllium		ND		0.50
Cadmium		ND		0.50
Chromium		58		0.99
Cobalt		16		0.99
Copper		33		0.99
Lead		6.7		0.99
Molybdenum		ND		0.99
Nickel		130		0.99
Selenium		ND		2.0
Silver		ND		0.99
Thallium		ND		0.99
Vanadium		26		0.99
Zinc		42		0.99

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method:	7471A	Analysis Batch: 720-33174		Instrument ID:	FIMS 100
Preparation:	7471A	Prep Batch: 720-33152		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.96 g
Date Analyzed:	03/19/2008 1408			Final Weight/Volume:	50 mL
Date Prepared:	03/19/2008 1049				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Mercury		0.074		0.052

DATA REPORTING QUALIFIERS

Client: Soma Environmental Engineering Job Number: 720-13485-1

Lab Section	Qualifier	Description
Metals		
	F	MS or MSD exceeds the control limits
	F	RPD of the MS and MSD exceeds the control limits

Client: Soma Environmental Engineering Job Number: 720-13485-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 720-33116					
LCS 720-33116/1-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-33116/2-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-33116/3-A	Method Blank	T	Solid	5030B	
720-13485-1	MWS-1-5	T	Solid	5030B	
720-13485-1MS	Matrix Spike	T	Solid	5030B	
720-13485-1MSD	Matrix Spike Duplicate	T	Solid	5030B	
720-13485-2	MWS-1-10	T	Solid	5030B	
720-13485-3	MWS-1-15	T	Solid	5030B	
720-13485-4	MWS-1-30	T	Solid	5030B	
720-13485-5	MWS-1-35	T	Solid	5030B	
720-13485-6	MWS-2-9	T	Solid	5030B	
720-13485-7	MWS-2-15	T	Solid	5030B	
720-13485-8	MWS-2-20	T	Solid	5030B	
Analysis Batch:720-33149					
LCS 720-33116/1-A	Lab Control Spike	T	Solid	8260B	720-33116
LCSD 720-33116/2-A	Lab Control Spike Duplicate	T	Solid	8260B	720-33116
MB 720-33116/3-A	Method Blank	T	Solid	8260B	720-33116
720-13485-1	MWS-1-5	T	Solid	8260B	720-33116
720-13485-1MS	Matrix Spike	T	Solid	8260B	720-33116
720-13485-1MSD	Matrix Spike Duplicate	T	Solid	8260B	720-33116
720-13485-2	MWS-1-10	T	Solid	8260B	720-33116
720-13485-3	MWS-1-15	T	Solid	8260B	720-33116
720-13485-4	MWS-1-30	T	Solid	8260B	720-33116
720-13485-5	MWS-1-35	T	Solid	8260B	720-33116
720-13485-6	MWS-2-9	T	Solid	8260B	720-33116
720-13485-7	MWS-2-15	T	Solid	8260B	720-33116
720-13485-8	MWS-2-20	T	Solid	8260B	720-33116
Analysis Batch:720-33165					
LCS 720-33166/2-A	Lab Control Spike	T	Solid	8260B	720-33166
LCSD 720-33166/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-33166
MB 720-33166/1-A	Method Blank	T	Solid	8260B	720-33166
720-13485-1	MWS-1-5	T	Solid	8260B	720-33166
720-13485-2	MWS-1-10	T	Solid	8260B	720-33166
720-13485-3	MWS-1-15	T	Solid	8260B	720-33166
720-13485-4	MWS-1-30	T	Solid	8260B	720-33166
720-13485-5	MWS-1-35	T	Solid	8260B	720-33166
720-13485-6	MWS-2-9	T	Solid	8260B	720-33166
720-13485-7	MWS-2-15	T	Solid	8260B	720-33166
720-13485-8	MWS-2-20	T	Solid	8260B	720-33166

Client: Soma Environmental Engineering Job Number: 720-13485-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 720-33166					
LCS 720-33166/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-33166/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-33166/1-A	Method Blank	T	Solid	5030B	
720-13485-1	MWS-1-5	T	Solid	5030B	
720-13485-2	MWS-1-10	T	Solid	5030B	
720-13485-3	MWS-1-15	T	Solid	5030B	
720-13485-4	MWS-1-30	T	Solid	5030B	
720-13485-5	MWS-1-35	T	Solid	5030B	
720-13485-6	MWS-2-9	T	Solid	5030B	
720-13485-7	MWS-2-15	T	Solid	5030B	
720-13485-8	MWS-2-20	T	Solid	5030B	

Report Basis
T = Total

Client: Soma Environmental Engineering Job Number: 720-13485-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 720-33093					
LCS 720-33093/2-A	Lab Control Spike	T	Solid	3550B	
LCSD 720-33093/3-A	Lab Control Spike Duplicate	T	Solid	3550B	
MB 720-33093/1-A	Method Blank	T	Solid	3550B	
720-13485-1	MWS-1-5	T	Solid	3550B	
720-13485-2	MWS-1-10	T	Solid	3550B	
720-13485-3	MWS-1-15	T	Solid	3550B	
720-13485-3MS	Matrix Spike	T	Solid	3550B	
720-13485-3MSD	Matrix Spike Duplicate	T	Solid	3550B	
720-13485-4	MWS-1-30	T	Solid	3550B	
720-13485-5	MWS-1-35	T	Solid	3550B	
720-13485-6	MWS-2-9	T	Solid	3550B	
720-13485-7	MWS-2-15	T	Solid	3550B	
720-13485-8	MWS-2-20	T	Solid	3550B	
Analysis Batch:720-33147					
LCS 720-33093/2-A	Lab Control Spike	T	Solid	8015B	720-33093
LCSD 720-33093/3-A	Lab Control Spike Duplicate	T	Solid	8015B	720-33093
MB 720-33093/1-A	Method Blank	T	Solid	8015B	720-33093
720-13485-1	MWS-1-5	T	Solid	8015B	720-33093
720-13485-2	MWS-1-10	T	Solid	8015B	720-33093
720-13485-3	MWS-1-15	T	Solid	8015B	720-33093
720-13485-3MS	Matrix Spike	T	Solid	8015B	720-33093
720-13485-3MSD	Matrix Spike Duplicate	T	Solid	8015B	720-33093
720-13485-4	MWS-1-30	T	Solid	8015B	720-33093
720-13485-5	MWS-1-35	T	Solid	8015B	720-33093
720-13485-6	MWS-2-9	T	Solid	8015B	720-33093
720-13485-7	MWS-2-15	T	Solid	8015B	720-33093
720-13485-8	MWS-2-20	T	Solid	8015B	720-33093

Report Basis
T = Total

Client: Soma Environmental Engineering Job Number: 720-13485-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 720-33121					
LCS 720-33121/2-A	Lab Control Spike	T	Solid	3050B	
LCSD 720-33121/3-A	Lab Control Spike Duplicate	T	Solid	3050B	
LCSSRM 720-33121/16-A	LCS-Standard Reference Material	T	Solid	3050B	
MB 720-33121/1-A	Method Blank	T	Solid	3050B	
720-13485-1	MWS-1-5	T	Solid	3050B	
720-13485-1MS	Matrix Spike	T	Solid	3050B	
720-13485-1MSD	Matrix Spike Duplicate	T	Solid	3050B	
720-13485-2	MWS-1-10	T	Solid	3050B	
720-13485-3	MWS-1-15	T	Solid	3050B	
720-13485-4	MWS-1-30	T	Solid	3050B	
720-13485-5	MWS-1-35	T	Solid	3050B	
720-13485-6	MWS-2-9	T	Solid	3050B	
720-13485-7	MWS-2-15	T	Solid	3050B	
720-13485-8	MWS-2-20	T	Solid	3050B	
Prep Batch: 720-33152					
LCS 720-33152/2-A	Lab Control Spike	T	Solid	7471A	
LCSD 720-33152/3-A	Lab Control Spike Duplicate	T	Solid	7471A	
MB 720-33152/1-A	Method Blank	T	Solid	7471A	
720-13485-1	MWS-1-5	T	Solid	7471A	
720-13485-2	MWS-1-10	T	Solid	7471A	
720-13485-3	MWS-1-15	T	Solid	7471A	
720-13485-3MS	Matrix Spike	T	Solid	7471A	
720-13485-3MSD	Matrix Spike Duplicate	T	Solid	7471A	
720-13485-4	MWS-1-30	T	Solid	7471A	
720-13485-5	MWS-1-35	T	Solid	7471A	
720-13485-6	MWS-2-9	T	Solid	7471A	
720-13485-7	MWS-2-15	T	Solid	7471A	
720-13485-8	MWS-2-20	T	Solid	7471A	
Analysis Batch:720-33164					
LCS 720-33121/2-A	Lab Control Spike	T	Solid	6010B	720-33121
LCSD 720-33121/3-A	Lab Control Spike Duplicate	T	Solid	6010B	720-33121
LCSSRM 720-33121/16-A	LCS-Standard Reference Material	T	Solid	6010B	720-33121
MB 720-33121/1-A	Method Blank	T	Solid	6010B	720-33121
720-13485-1	MWS-1-5	T	Solid	6010B	720-33121
720-13485-1MS	Matrix Spike	T	Solid	6010B	720-33121
720-13485-1MSD	Matrix Spike Duplicate	T	Solid	6010B	720-33121
720-13485-2	MWS-1-10	T	Solid	6010B	720-33121
720-13485-3	MWS-1-15	T	Solid	6010B	720-33121
720-13485-4	MWS-1-30	T	Solid	6010B	720-33121
720-13485-5	MWS-1-35	T	Solid	6010B	720-33121
720-13485-6	MWS-2-9	T	Solid	6010B	720-33121
720-13485-7	MWS-2-15	T	Solid	6010B	720-33121
720-13485-8	MWS-2-20	T	Solid	6010B	720-33121

Client: Soma Environmental Engineering Job Number: 720-13485-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:720-33174					
LCS 720-33152/2-A	Lab Control Spike	T	Solid	7471A	720-33152
LCSD 720-33152/3-A	Lab Control Spike Duplicate	T	Solid	7471A	720-33152
MB 720-33152/1-A	Method Blank	T	Solid	7471A	720-33152
720-13485-1	MWS-1-5	T	Solid	7471A	720-33152
720-13485-2	MWS-1-10	T	Solid	7471A	720-33152
720-13485-3	MWS-1-15	T	Solid	7471A	720-33152
720-13485-3MS	Matrix Spike	T	Solid	7471A	720-33152
720-13485-3MSD	Matrix Spike Duplicate	T	Solid	7471A	720-33152
720-13485-4	MWS-1-30	T	Solid	7471A	720-33152
720-13485-5	MWS-1-35	T	Solid	7471A	720-33152
720-13485-6	MWS-2-9	T	Solid	7471A	720-33152
720-13485-7	MWS-2-15	T	Solid	7471A	720-33152
720-13485-8	MWS-2-20	T	Solid	7471A	720-33152

Report Basis
T = Total

Client: Soma Environmental Engineering Job Number: 720-13485-1

Method Blank - Batch: 720-33116

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-33116/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/18/2008 1332
Date Prepared: 03/18/2008 1200

Analysis Batch: 720-33149
Prep Batch: 720-33116
Units: ug/Kg

Instrument ID: Agilent 75MSD
Lab File ID: 031808007.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Methyl tert-butyl ether	ND		5.0
Acetone	ND		50
Benzene	ND		5.0
Dichlorobromomethane	ND		5.0
Bromobenzene	ND		5.0
Chlorobromomethane	ND		20
Bromoform	ND		5.0
Bromomethane	ND		10
2-Butanone (MEK)	ND		50
n-Butylbenzene	ND		5.0
sec-Butylbenzene	ND		5.0
tert-Butylbenzene	ND		5.0
Carbon disulfide	ND		5.0
Carbon tetrachloride	ND		5.0
Chlorobenzene	ND		5.0
Chloroethane	ND		10
Chloroform	ND		5.0
Chloromethane	ND		10
2-Chlorotoluene	ND		5.0
4-Chlorotoluene	ND		5.0
Chlorodibromomethane	ND		5.0
1,2-Dichlorobenzene	ND		5.0
1,3-Dichlorobenzene	ND		5.0
1,4-Dichlorobenzene	ND		5.0
1,3-Dichloropropane	ND		5.0
1,1-Dichloropropene	ND		5.0
1,2-Dibromo-3-Chloropropane	ND		50
Ethylene Dibromide	ND		5.0
Dibromomethane	ND		10
Dichlorodifluoromethane	ND		10
1,1-Dichloroethane	ND		5.0
1,2-Dichloroethane	ND		5.0
1,1-Dichloroethene	ND		5.0
cis-1,2-Dichloroethene	ND		5.0
trans-1,2-Dichloroethene	ND		5.0
1,2-Dichloropropane	ND		5.0
cis-1,3-Dichloropropene	ND		5.0
trans-1,3-Dichloropropene	ND		5.0
Ethylbenzene	ND		5.0
Hexachlorobutadiene	ND		5.0
2-Hexanone	ND		50

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Soma Environmental Engineering

Job Number: 720-13485-1

Method Blank - Batch: 720-33116

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-33116/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/18/2008 1332
Date Prepared: 03/18/2008 1200

Analysis Batch: 720-33149
Prep Batch: 720-33116
Units: ug/Kg

Instrument ID: Agilent 75MSD
Lab File ID: 031808007.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Isopropylbenzene	ND		5.0
4-Isopropyltoluene	ND		5.0
Methylene Chloride	ND		10
4-Methyl-2-pentanone (MIBK)	ND		50
Naphthalene	ND		10
N-Propylbenzene	ND		5.0
Styrene	ND		5.0
1,1,1,2-Tetrachloroethane	ND		5.0
1,1,2,2-Tetrachloroethane	ND		5.0
Tetrachloroethene	ND		5.0
Toluene	ND		5.0
1,2,3-Trichlorobenzene	ND		5.0
1,2,4-Trichlorobenzene	ND		5.0
1,1,1-Trichloroethane	ND		5.0
1,1,2-Trichloroethane	ND		5.0
Trichloroethene	ND		5.0
Trichlorofluoromethane	ND		5.0
1,2,3-Trichloropropane	ND		5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0
1,2,4-Trimethylbenzene	ND		5.0
1,3,5-Trimethylbenzene	ND		5.0
Vinyl acetate	ND		50
Vinyl chloride	ND		5.0
Xylenes, Total	ND		10
2,2-Dichloropropane	ND		5.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	101	50 - 138
1,2-Dichloroethane-d4 (Surr)	99	66 - 127
Toluene-d8 (Surr)	95	51 - 129

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Soma Environmental Engineering Job Number: 720-13485-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-33116

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-33116/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/18/2008 1241
Date Prepared: 03/18/2008 1200

Analysis Batch: 720-33149
Prep Batch: 720-33116
Units: ug/Kg

Instrument ID: Agilent 75MSD
Lab File ID: 031808005.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-33116/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/18/2008 1306
Date Prepared: 03/18/2008 1200

Analysis Batch: 720-33149
Prep Batch: 720-33116
Units: ug/Kg

Instrument ID: Agilent 75MSD
Lab File ID: 031808006.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	99	101	80 - 120	2	20		
Chlorobenzene	96	98	86 - 115	2	20		
1,1-Dichloroethene	113	111	81 - 140	1	20		
Toluene	100	102	81 - 120	2	20		
Trichloroethene	100	101	82 - 118	2	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	101	96	50 - 138
1,2-Dichloroethane-d4 (Surr)	99	89	66 - 127
Toluene-d8 (Surr)	93	89	51 - 129

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Soma Environmental Engineering | Job Number: 720-13485-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-33116

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	720-13485-1	Analysis Batch:	720-33149	Instrument ID:	Agilent 75MSD
Client Matrix:	Solid	Prep Batch:	720-33116	Lab File ID:	031808012.D
Dilution:	1.0			Initial Weight/Volume:	5.07 g
Date Analyzed:	03/18/2008 1540			Final Weight/Volume:	10 mL
Date Prepared:	03/18/2008 1200				

MSD Lab Sample ID:	720-13485-1	Analysis Batch:	720-33149	Instrument ID:	Agilent 75MSD
Client Matrix:	Solid	Prep Batch:	720-33116	Lab File ID:	031808013.D
Dilution:	1.0			Initial Weight/Volume:	5.17 g
Date Analyzed:	03/18/2008 1606			Final Weight/Volume:	10 mL
Date Prepared:	03/18/2008 1200				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	102	110	63 - 126	5	20		
Chlorobenzene	96	103	57 - 124	5	20		
1,1-Dichloroethene	116	123	66 - 149	4	20		
Toluene	101	107	54 - 131	4	20		
Trichloroethene	101	107	53 - 130	4	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene	98	102	50 - 138
1,2-Dichloroethane-d4 (Surr)	96	100	66 - 127
Toluene-d8 (Surr)	93	97	51 - 129

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Soma Environmental Engineering

Job Number: 720-13485-1

Method Blank - Batch: 720-33166

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-33166/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/19/2008 0910
Date Prepared: 03/19/2008 0840

Analysis Batch: 720-33165
Prep Batch: 720-33166
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200803\03
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
1,2-Dichloroethane	ND		0.0050
Benzene	ND		0.0050
Ethylbenzene	ND		0.0050
MTBE	ND		0.0050
TAME	ND		0.0050
Toluene	ND		0.0050
Xylenes, Total	ND		0.010
TBA	ND		0.010
Tetrahydrofuran	ND		0.010
DIPE	ND		0.0050
EDB	ND		0.0050
Gasoline Range Organics (GRO)-C5-C12	ND		0.25
Ethyl tert-butyl ether	ND		0.0050

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	101	70 - 130
1,2-Dichloroethane-d4 (Surr)	95	60 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Soma Environmental Engineering Job Number: 720-13485-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-33166

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-33166/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/19/2008 0945
Date Prepared: 03/19/2008 0840

Analysis Batch: 720-33165
Prep Batch: 720-33166
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200803\0
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-33166/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/19/2008 1007
Date Prepared: 03/19/2008 0840

Analysis Batch: 720-33165
Prep Batch: 720-33166
Units: mg/Kg

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200803\031
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	114	108	70 - 123	6	20		
MTBE	129	118	69 - 133	9	20		
Toluene	114	111	81 - 128	2	20		
Tetrahydrofuran							
Gasoline Range Organics (GRO)-C5-C12	65	62	51 - 97	4	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	102	103	70 - 130
1,2-Dichloroethane-d4 (Surr)	105	86	60 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Soma Environmental Engineering Job Number: 720-13485-1

Method Blank - Batch: 720-33093

Method: 8015B
Preparation: 3550B

Lab Sample ID: MB 720-33093/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/18/2008 2206
Date Prepared: 03/18/2008 1111

Analysis Batch: 720-33147
Prep Batch: 720-33093
Units: mg/Kg

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.28 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		0.99

Surrogate	% Rec	Acceptance Limits
p-Terphenyl	95	40 - 119

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-33093

Method: 8015B
Preparation: 3550B

LCS Lab Sample ID: LCS 720-33093/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/18/2008 2233
Date Prepared: 03/18/2008 1111

Analysis Batch: 720-33147
Prep Batch: 720-33093
Units: mg/Kg

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.28 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-33093/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/18/2008 2300
Date Prepared: 03/18/2008 1111

Analysis Batch: 720-33147
Prep Batch: 720-33093
Units: mg/Kg

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 30.20 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C10-C28]	87	83	50 - 130	4	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
p-Terphenyl	96	93	40 - 119

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Soma Environmental Engineering

Job Number: 720-13485-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-33093

Method: 8015B
Preparation: 3550B

MS Lab Sample ID:	720-13485-3	Analysis Batch:	720-33147	Instrument ID:	HP DRO5
Client Matrix:	Solid	Prep Batch:	720-33093	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30.27 g
Date Analyzed:	03/20/2008 0052			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2008 1111			Injection Volume:	
				Column ID:	PRIMARY
MSD Lab Sample ID:	720-13485-3	Analysis Batch:	720-33147	Instrument ID:	HP DRO5
Client Matrix:	Solid	Prep Batch:	720-33093	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30.12 g
Date Analyzed:	03/20/2008 0118			Final Weight/Volume:	5 mL
Date Prepared:	03/18/2008 1111			Injection Volume:	
				Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Diesel Range Organics [C10-C28]	80	76	50 - 130	3	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
p-Terphenyl	87	85	40 - 119

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Soma Environmental Engineering

Job Number: 720-13485-1

Method Blank - Batch: 720-33121

Method: 6010B
Preparation: 3050B

Lab Sample ID: MB 720-33121/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/19/2008 0846
Date Prepared: 03/18/2008 1449

Analysis Batch: 720-33164
Prep Batch: 720-33121
Units: mg/Kg

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Antimony	ND		2.0
Arsenic	ND		1.0
Barium	ND		1.0
Beryllium	ND		0.50
Cadmium	ND		0.50
Chromium	ND		1.0
Cobalt	ND		1.0
Copper	ND		1.0
Lead	ND		1.0
Molybdenum	ND		1.0
Nickel	ND		1.0
Selenium	ND		2.0
Silver	ND		1.0
Thallium	ND		1.0
Vanadium	ND		1.0
Zinc	ND		1.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Soma Environmental Engineering

Job Number: 720-13485-1

LCS-Standard Reference Material - Batch: 720-33121

Method: 6010B
Preparation: 3050B

Lab Sample ID: LCSSRM 720-33121/16-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/19/2008 1028
Date Prepared: 03/18/2008 1449

Analysis Batch: 720-33164
Prep Batch: 720-33121
Units: mg/Kg

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 0.98 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Antimony	27.4	12.2	45	11 - 101	
Arsenic	22.7	21.1	93	69 - 119	
Barium	145	133	92	61 - 117	
Beryllium	1.09	0.964	88	56 - 102	
Cadmium	42.2	39.7	94	67 - 118	
Chromium	246	229	93	67 - 121	
Cobalt	65.1	66.6	102	64 - 133	
Copper	58.5	55.7	95	68 - 126	
Lead	44.1	39.3	89	62 - 113	
Molybdenum	61.0	52.9	87	62 - 128	
Nickel	96.8	88.7	92	65 - 117	
Selenium	165	160	97	63 - 126	
Silver	79.5	60.1	76	51 - 130	
Thallium	55.9	56.2	100	64 - 124	
Vanadium	56.7	54.3	96	67 - 123	
Zinc	44.0	38.6	88	62 - 110	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Soma Environmental Engineering

Job Number: 720-13485-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-33121

Method: 6010B
Preparation: 3050B

LCS Lab Sample ID: LCS 720-33121/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/19/2008 0849
Date Prepared: 03/18/2008 1449

Analysis Batch: 720-33164
Prep Batch: 720-33121
Units: mg/Kg

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1 g
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 720-33121/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/19/2008 0853
Date Prepared: 03/18/2008 1449

Analysis Batch: 720-33164
Prep Batch: 720-33121
Units: mg/Kg

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1 g
Final Weight/Volume: 50 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Antimony	87	92	80 - 120	6	20		
Arsenic	102	101	80 - 120	2	20		
Barium	96	94	80 - 120	2	20		
Beryllium	99	98	80 - 120	2	20		
Cadmium	98	96	80 - 120	1	20		
Chromium	100	99	80 - 120	1	20		
Cobalt	98	96	80 - 120	1	20		
Copper	102	100	80 - 120	2	20		
Lead	97	96	80 - 120	1	20		
Molybdenum	101	100	80 - 120	1	20		
Nickel	98	97	80 - 120	1	20		
Selenium	102	101	80 - 120	2	20		
Silver	100	98	80 - 120	1	20		
Thallium	106	104	80 - 120	2	20		
Vanadium	98	97	80 - 120	1	20		
Zinc	97	96	80 - 120	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Soma Environmental Engineering

Job Number: 720-13485-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-33121

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	720-13485-1	Analysis Batch:	720-33164	Instrument ID:	Varian ICP
Client Matrix:	Solid	Prep Batch:	720-33121	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.98 g
Date Analyzed:	03/19/2008 0857			Final Weight/Volume:	50 mL
Date Prepared:	03/18/2008 1449				

MSD Lab Sample ID:	720-13485-1	Analysis Batch:	720-33164	Instrument ID:	Varian ICP
Client Matrix:	Solid	Prep Batch:	720-33121	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	0.99 g
Date Analyzed:	03/19/2008 0901			Final Weight/Volume:	50 mL
Date Prepared:	03/18/2008 1449				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Antimony	43	33	75 - 125	27	20	F	F
Arsenic	88	87	75 - 125	3	20		
Barium	83	88	75 - 125	2	20		
Beryllium	89	87	75 - 125	3	20		
Cadmium	82	80	75 - 125	3	20		
Chromium	85	85	75 - 125	1	20		
Cobalt	82	80	75 - 125	3	20		
Copper	91	90	75 - 125	2	20		
Lead	81	80	75 - 125	3	20		
Molybdenum	82	80	75 - 125	4	20		
Nickel	80	73	75 - 125	4	20		F
Selenium	88	86	75 - 125	3	20		
Silver	91	89	75 - 125	2	20		
Thallium	86	85	75 - 125	3	20		
Vanadium	84	83	75 - 125	2	20		
Zinc	80	78	75 - 125	3	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Soma Environmental Engineering Job Number: 720-13485-1

Method Blank - Batch: 720-33152

Method: 7471A
Preparation: 7471A

Lab Sample ID: MB 720-33152/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/19/2008 1349
Date Prepared: 03/19/2008 1049

Analysis Batch: 720-33174
Prep Batch: 720-33152
Units: mg/Kg

Instrument ID: FIMS 100
Lab File ID: N/A
Initial Weight/Volume: 1 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Mercury	ND		0.050

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-33152

Method: 7471A
Preparation: 7471A

LCS Lab Sample ID: LCS 720-33152/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/19/2008 1350
Date Prepared: 03/19/2008 1049

Analysis Batch: 720-33174
Prep Batch: 720-33152
Units: mg/Kg

Instrument ID: FIMS 100
Lab File ID: N/A
Initial Weight/Volume: 1 g
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 720-33152/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/19/2008 1351
Date Prepared: 03/19/2008 1049

Analysis Batch: 720-33174
Prep Batch: 720-33152
Units: mg/Kg

Instrument ID: FIMS 100
Lab File ID: N/A
Initial Weight/Volume: 1 g
Final Weight/Volume: 50 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Mercury	93	89	80 - 120	4	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Soma Environmental Engineering

Job Number: 720-13485-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-33152

Method: 7471A
Preparation: 7471A

MS Lab Sample ID:	720-13485-3	Analysis Batch: 720-33174	Instrument ID: FIMS 100
Client Matrix:	Solid	Prep Batch: 720-33152	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 0.99 g
Date Analyzed:	03/19/2008 1352		Final Weight/Volume: 50 mL
Date Prepared:	03/19/2008 1049		

MSD Lab Sample ID:	720-13485-3	Analysis Batch: 720-33174	Instrument ID: FIMS 100
Client Matrix:	Solid	Prep Batch: 720-33152	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 0.95 g
Date Analyzed:	03/19/2008 1354		Final Weight/Volume: 50 mL
Date Prepared:	03/19/2008 1049		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	79	86	75 - 125	11	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

720-13485

Chain of Custody Record

109899

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

03/24/2008

Client Contact	Project Manager: Joyce Bobek	Site Contact: Lizzie Hightower	Date:	COC No:
SOMA Environmental Engineering	Tel/Fax: (925) 734-6400	Lab Contact:	Carrier:	1 of 1 COCs
6620 Owens Drive, Suite A	Analysis Turnaround Time			Job No.
Pleasanton, CA 94588	Calendar (C) or Work Days (W)			
(925) 734-6400 Phone	TAT if different from Below 5days			SDG No.
(925) 734-6401 FAX	☐ 2 weeks			
Project Name: 5565 Tesla Rd, Livermore	☒ 1 week (standard)			
Site: 5565 Tesla Rd, Livermore	☐ 2 days			
P O # 2842	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	TPH-g 8260B	TPH-d 8015	VOC's (full 8260B list w/ MTBE & THF)	CAM 17 Metals 6010B & 7470A	Gas Oxygenates & Lead Scavengers	Sample Specific Notes:
1	MWS-1-5	3/12/2008	11:40	6" sleeve	Soil	1		*	*	*	*	*	
2	MWS-1-10	3/12/2008	11:49	6" sleeve	Soil	1		*	*	*	*	*	
3	MWS-1-15	3/12/2008	12:00	6" sleeve	Soil	1		*	*	*	*	*	
4	MWS-1-30	3/12/2008	12:52	6" sleeve	Soil	1		*	*	*	*	*	
5	MWS-1-35	3/12/2008	13:09	6" sleeve	Soil	1		*	*	*	*	*	
6	MWS-2-9	3/12/2008	17:21	6" sleeve	Soil	1		*	*	*	*	*	
7	MWS-2-15	3/12/2008	17:50	6" sleeve	Soil	1		*	*	*	*	*	
8	MWS-2-20	3/12/2008	17:56	6" sleeve	Soil	1		*	*	*	*	*	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
Please include tetrahydrofuran (THF) w/ VOC's

Temp 3.1°C

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Elizabeth Hightower	SOMA	3/17/08 17:03		SOMA	3/17/08 17:03
	SOMA	3/17/08 1735		TAL SF	3/17/08 17:35

Login Sample Receipt Check List

Client: Soma Environmental Engineering

Job Number: 720-13485-1

Login Number: 13485
List Source: TestAmerica San Francisco
Creator: Bullock, Tracy
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	False	MWS-2-20 container is only 1quarter full- should be enough to do analyses
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

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.

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 — Lab ID: 202262-001
Type: SAMPLE — 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 — Lab ID: 202262-002
Type: SAMPLE — Analyzed: 04/08/08

Analyte	Result	RL
Diesel C10-C24	ND	50

Surrogate	%REC	Limits
Hexacosane	119	63-130

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

Analyte	Result	RL
Diesel C10-C24	ND	50

Surrogate	%REC	Limits
Hexacosane	118	63-130

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

Analyte	Result	RL
Diesel C10-C24	ND	50

Surrogate	%REC	Limits
Hexacosane	122	63-130

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

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

APPENDIX E
Survey Report

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

CORPORATE OFFICE:
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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.

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