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November 1, 2007

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 "Remedial Soil Excavation" 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

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

11-1-07

Date

REMEDIAL SOIL EXCAVATION

5565 Tesla Road
Livermore, California

November 1, 2007

Project 2842

Prepared For:

Mr. Aris Krimetz
5565 Tesla Road
Livermore, California 94550

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 of removal of petroleum-hydrocarbon–impacted soil on behalf of Mr. Aris Krimetz, authorized representative for the property located at 5565 Tesla Road, Livermore, California, to comply with SOMA's workplan dated March 2, 2007, approved by the Alameda County Department of Environmental Health in correspondence dated March 26, 2007.

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

TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

LIST OF APPENDICES

1. INTRODUCTION

SOMA Environmental Engineering, Inc. (SOMA) has prepared this remedial excavation report on behalf of Mr. Aris Krimetz, authorized representative for the property located at 5565 Tesla Road, Livermore, California (the Site). This report details results of the remedial excavation, proposed in SOMA's workplan dated March 2, 2007 and approved by the Alameda County Department of Environmental Health (ACDEH) in correspondence dated March 26, 2007.

1.1 Site Background

The Site is located between South Vasco Road and Mines Road in Livermore, California (Figure 1) and operates as a winery, Wente Vineyards. Three above-ground fuel storage tanks, with a total capacity of 4,000 gallons, are located on the premises.

In 1987, two fuel underground storage tanks (USTs) were removed from the Site. However, there are no available records of the UST removal, 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 ACDEH issued a notice of violation (NOV) for discharging waste sludge into an open ditch adjacent to a steam-cleaning bay, which was 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.

1.2 Previous Activities

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 the ACDEH letter 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 that is adjacent to the steam-cleaning pad, where the waste from the steam cleaning of vehicles and equipment was drained.

Following inspection by the ACDEH, Wente 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 accidental spill from occurring in the future. All hazardous wastes are now stored separately, in suitable buildings, and/or provided with an 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 of these areas for relevant constituents of concern.

In 2003, Clayton performed a subsurface investigation at the Site to implement the 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, which is located south/southwest of the former UST pit, no total petroleum hydrocarbon (TPH) 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). Gasoline and motor oil-range petroleum hydrocarbons were detected in the groundwater at concentrations that were slightly above the 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 the soil and groundwater next to the former USTs and to evaluate the current soil and groundwater conditions in close proximity to the steam-cleaning area. Though laboratory analysis results for the groundwater samples collected near the steam-cleaning bay showed some presence of dissolved phase metal concentrations, the levels were not elevated in comparison to the ESLs (groundwater in a current or potential source of drinking water). There were no detections of total petroleum hydrocarbons as gasoline (TPH-g), total petroleum hydrocarbons as diesel (TPH-d), total petroleum hydrocarbons as motor oil (TPH-mo), or organochlorine pesticides reported in the 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) that are separated by two confining layers. A negligible amount of petroleum hydrocarbons was 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 (Fisch) conducted DPT drilling 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, total petroleum hydrocarbons as motor oil (TPH-mo), and some metals in the shallow soil around the perimeter (north, west, and south) 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, the ACDEH requested that an additional investigation be conducted beneath the concrete pad and in the area north of the welding shop to completely delineate the 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. A summary of historical analytical results is attached as Appendix A.

2. SCOPE OF WORK

The primary objective of this site remediation was to protect human health and the environment in accordance with state and federal laws and regulations. This remedial excavation addressed the soil within Areas 1 through 4 at the Site (Figure 3) containing potentially significant concentrations, above site-specific cleanup goals, of contaminants of concern. An objective of this remediation was medium-specific: TPH-d and TPH-mo were identified as contaminants of concern, and soil as the medium to be addressed. The source of contamination was determined to be from previous site activities associated with former Site

uses and operations. These activities have ceased; however, residual concentrations of soil contaminants, in particular TPH-d and TPH-mo, remained in the shallow soil.

The scope of work for this remedial action included excavation and confirmation soil sampling, and off-site disposal of chemically impacted soils. During this process, the goal was to meet the cleanup criteria, including those set forth by the California Human Health Screening Levels (CHHSLs) supported by Cal/EPA; Environmental Screening levels (ESLs) set forth by the CRWQCB; and Preliminary Remediation Goal (PRG) set forth by U.S. EPA Region 9.

Upon excavation, confirmation soil samples were collected to document the remaining chemical concentrations below the excavation depth. This was done to ensure that residual soil concentrations met the remediation goals, so that upon Site cleanup and closure no land use restrictions such as deed restrictions will be imposed on the Site by regulatory agencies.

Following are the tasks performed to accomplish the above scope of work.

Task 1: Notifications and Health and Safety Plan Preparation

Task 2: Excavation

Task 3: Laboratory Analysis

Task 4: Off-Site Soil Disposal

Task 5: Report Preparation

2.1 Notifications and Health and Safety Plan Preparation

Based on a phone and email communication on August 17, 2007 with Carlos Monsalve of the Alameda County Public Works department, the current remedial excavation was exempt by county ordinance from grading permit requirements. A copy of the email correspondence is attached as Appendix B. Appropriate remedial excavation notification was filed with the Bay Area Air Quality Management District (BAAQMD), a copy of the notification is attached as Appendix B. Also, a notification was provided to the ACDEH prior to commencing any excavation activities.

In addition, before conducting field activities, SOMA prepared a site-specific health and safety plan (HASP), designed to address safety provisions during field activities and to protect the field crew from potential physical and chemical hazards resulting from excavating, loading, transporting, and sampling of the chemically impacted soil. The HASP established personnel responsibilities, general safe work practices, field procedures, personal protective equipment standards, decontamination procedures, and emergency action plans.

2.1.1 Subsurface Utility Clearance

On September 10, 2007, prior to soil excavation activities, SOMA's field crew visited the Site and marked the boundaries of the excavated areas, as delineated in SOMA's workplan dated March 2, 2007, using chalk-based white paint and flags where feasible. As Figure 3 shows, the remedial excavation consisted of four site areas (Areas 1 through 4).

Forty-eight hours prior to commencing excavation activities, SOMA contacted Underground Service Alert (USA) to clear the excavation areas of underground utilities (USA ticket No: 328556). SOMA also retained a private utility locator, Precision Locating, to determine exact locations of utility lines in close proximity to the excavation areas and determine whether proposed locations are clear of any subsurface obstructions. All underground utility conduits were marked with washable paint of appropriate color. An aboveground active gas line was located immediately adjacent to the Areas 2 and 3 and the same line was located immediately south of Area 1. Per OSHA requirements, at least 2 feet of clearance was maintained between the excavation area and buried underground utilities, and extreme caution was exercised at all times while excavating near the above- and belowground utility lines.

2.2 Excavation

On September 13, and 14, 2007, under SOMA's oversight, Hauling Pros, Inc (CA State License: *834630*), performed first phase of the soil excavation and stockpiling at the Site. The excavation depth varied between approximately 3 and 5 feet bgs. Figure 3 illustrates the excavation areas and approximate depths.

Based on results of the first-phase confirmation soil sampling, the eastern portion of Area 4 was deepened 0.5 to 1 foot bgs (second phase), and additional soil samples were collected. Figure 3 illustrates the location and approximate depth of the deepened excavation area.

2.2.1 Excavation Procedures

A competent person trained to identify hazardous conditions with authority to take corrective action was in charge of all excavation activities. This person inspected excavations, and ensured that all equipment and materials were in good working condition.

At all times, site workers exercised extreme caution around the excavating and loading equipment, and wore all required personal protective equipment including hardhats, safety footwear, gloves, eye protection, and hearing protection, as needed. Perimeter protection in the form of a caution tape and traffic cones was provided at all times. To insure the slope stability, thus securing the narrow trench and insuring that no property damage would come from earth movement

during the excavation activities, a shoring system was installed in the southern-most trench corner in immediate proximity to a storage shed (Figure 3). The aforementioned shoring remained in place throughout remedial excavation activities.

SOMA's personnel ensured that stockpiles did not obstruct drainage ways, were not subject to erosion, and did not create a public nuisance or safety hazard.

2.2.2 Stockpiling and Dust Control

Excavated soil was temporarily stockpiled on-site while excavation activities took place and soil samples were being analyzed for waste profiling. Excavated material was retained away from the edge of the excavation. The stockpiled soil was placed on plastic sheeting, with a minimum of 12 inches on all sides rolled up against the soil and held in place with weighted objects. Per BAAQMD requirement, all seams were taped with industrial grade tape to prevent dust generation from the stockpiles.

Debris encountered during the excavation activities (e.g., brick, rubble, concrete and asphalt cuttings) was separated from excavated soil for later disposal. Dust control measures during excavation, loading, and handling of contaminated soil consisted of spraying the minimum amount of water needed to suppress dust in work areas.

2.2.3 Confirmation Soil Sampling

Confirmation soil sampling was performed in accordance with the ACDEH request detailed in correspondence dated March 26, 2007. Confirmation soil samples were collected along the approximate center line or in an area of observed contamination at a distance no greater than every 15 feet along the bottom of each excavation. Two samples were collected from the bottom of the smaller excavation area in the northern portion of the area of concern. Also, confirmation soil samples were collected from each sidewall (furthest north, south, east, and west) of each excavation area no more than 20 feet apart; in addition, the sidewall confirmation samples were collected in areas where either suspect staining or change of lithology was observed (Figure 3).

During the first phase of excavation activities, eight confirmatory soil samples were collected on September 13, 2007 and 25 on September 14, 2007 from beneath the excavation and peripheral areas (Figure 3). Soil samples were collected using a clean trowel, and placed in laboratory-provided pre-cleaned glass jars. To eliminate cross-contamination between the soil sampling locations, all soil-sampling equipment was cleaned before the start of collection at each location. On September 17, 2007, the above samples were submitted for analysis, under proper chain-of custody (COC) protocol, to Curtis & Tompkins,

Ltd., a California Department of Health Services accredited environmental laboratory.

During the second phase of excavation activities, two additional soil samples were collected on October 18, 2007 in the outer eastern portion of Area 4. Collected samples were submitted for analysis on October 19, 2007, under proper COC protocol, to Curtis & Tompkins, Ltd.

2.3 Laboratory Analysis

Confirmatory soil samples collected from Areas 1 through 4 were analyzed for TPH-d and TPH-mo, with silica gel cleanup method using EPA Method 8015M, and CAM 17 Metals using EPA Method 6010B/7000. As shown in Table 1, results of laboratory analysis of the confirmatory soil samples for TPH indicate that at all sampling locations except 4B-4, all confirmatory soil samples showed concentrations either lower than laboratory-detection limit or significantly lower than the recommended cleanup levels set forth by the CRWQCB and Cal/EPA. Sample 4B-4, collected at 5 feet bgs, exhibited slightly elevated TPH-d and TPH-mo concentrations at 290 mg/kg and 1,200 mg/kg, respectively. After the additional over-excavation in the area of 4B-4, confirmation samples 4B-4(a) and 4B-4(b) collected beneath the area showed concentrations either lower than laboratory-detection limit or significantly lower than the recommended cleanup levels set forth by the CRWQCB and Cal/EPA, indicating that residual contamination in the area of 4B-4 was removed.

Continuous photoionization detector (PID) readings from the sidewall and floor of the excavation areas were taken during excavation activities; almost all sampled areas yielded either a non-detection (reading 0) or very minor detection (reading 5-25) for VOCs. As such, based on results of field observations and recorded PID readings, no collected samples were analyzed for VOCs.

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 residential exposure scenario for all the metals with the exception of 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 only slightly surpassed the ESL levels, and upon review of the frequency of concentration occurrences, it was concluded that the levels observed at the time of the confirmation sampling are attributable to the overall elevated ambient levels of the above metals in the area, and did not need to be addressed further.

2.4 Off-Site Soil Disposal

Before accepting the chemically impacted soils, the waste disposal facility, Forward, Incorporated, requested that the stockpiled soils be sampled. Per

Forward's requirements, on September 14, 2007, a 10-point composite (samples Composite 1 through 5) was collected from the stockpiles to document the nature of the excavated soils. The soil sample was kept on ice and delivered under proper COC protocol to Curtis & Tompkins, Ltd on September 17, 2007. The collected soil samples were homogenized in the laboratory and analyzed as COMP 1-5 for the semi-volatile organic compounds (SVOCs) using EPA Method 8270 and STLC (wet extraction) for lead and chromium. The laboratory analytical report is attached as Appendix C.

On October 23, 2007, the excavated soil was loaded and transported to Forward's landfill facility in Manteca, California. During the loading operation, the stockpiled soils were sprayed with water to prevent dust generation. Based on signed field manifests, a total of 86.4 tons of chemically impacted soil was removed from the Site. Soil disposal manifests along with the relevant waste acceptance documentation are attached as Appendix D.

Following is an approved transportation route utilized during soil disposal designed to minimize travel related to project work over city streets and residential areas.

- Head east on Tesla Road, 0.2 miles
- Turn left on S Vasco Road, 3.3 miles
- Turn right to merge onto 580 E toward Stockton

Appendix E shows photographs taken during soil remediation activities.

2.5 Report Preparation

Upon completion of the proposed scope of work, this report was prepared to document all soil excavation and confirmation sampling activities and provide a detailed description of Site conditions with respect to the shallow-soil contamination, remedial excavation, and soil confirmation sampling procedures.

3. CONCLUSIONS AND NEXT STEPS

3.1 Conclusion

As results of confirmatory soil analysis show, the remaining concentrations of primary contaminants of concern in impacted Site Areas 1 through 4 meet the remedial soil cleanup levels. Figure 3 shows the extent and depth of the soil excavation areas. Based on the signed manifests (Appendix D), 86.4 tons of soil were excavated and disposed off at an off-site facility.

3.2 Next Steps

Based on the ACDEH directive of March 26, 2007, SOMA proposes installing one groundwater monitoring well in the area of historically elevated levels of petroleum hydrocarbons (confirmation sample 4B-4). The proposed monitoring well location is shown in the attached Figure 4.

Upon obtaining the necessary approval and permits, SOMA will proceed with installation of the monitoring well, as requested by the ACDEH. Using a truck-mounted hollow stem auger-drilling rig, SOMA's drilling subcontractor will core-sample the borehole with an unlined split-spoon sampler, at a minimum of 5-foot depth intervals. SOMA's field geologist will note soil characteristics of the boreholes and document the findings on a geologic borehole log. In addition, the volatile-vapor content of the soil cores will be measured using a PID. Based on borehole lithologies, the depth and perforated screen intervals of the monitoring well will be selected in the field by SOMA's field geologist. Based on existing groundwater monitoring wells in the close proximity to the subject area, the groundwater is anticipated to be between approximately 10-16 feet bgs.

To construct the monitoring well, 2-inch-diameter Schedule 40 PVC casing will be placed into the borehole, with 0.02-inch factory-slotted screen to span the full height of the "top" section of the Upper WBZ. A sand pack of 2/12 sand will be emplaced in the annular space around the casing to a minimum of 1 foot above the screen. Bentonite chips will be emplaced in the annular space to a minimum of 1 foot above the sand pack and approximately 3 gallons of water will be added to hydrate the bentonite, creating a seal. During well construction, a weighted measuring tape will be used to ensure proper sand and bentonite fill depths.

Portland Type I/II cement grout will be used to grout the annular space around the blank PVC casing to surface grade. After the grout seal has had time to cure, a flush mount traffic-rated well vault will be set into the concrete foundation to protect the well casing at the surface and mitigate surface water from entering the well.

SOMA's field crew will develop the proposed monitoring well, collect groundwater samples, and submit the samples to a California Department of Health Services accredited environmental laboratory. Following the well development, SOMA will hire a certified surveyor to survey the well using NAVD88 vertical datum. The observation and results of the well installation will be summarized in a report, and submitted to the ACDEH as well as the CRWQCB databases.

Tables

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

Sample ID	Sampling Date	Approximate Sampling Depth (ft bgs)	TPH-d mg/kg	TPH-mo mg/kg
1-1	**9/14/2007**	**2.00**	11 HY	100 H
1-2	**9/14/2007**	**2.00**	<0.99	<5.0
1-3	**9/14/2007**	**2.00**	<1.0	<5.0
1-4	**9/14/2007**	**2.00**	<1.0	<5.0
1-5A	**9/14/2007**	**3.00**	4.5 HY	27 HL
2-1	**9/14/2007**	**2.50**	1.4 HY	11 H
2-2	**9/14/2007**	**2.00**	4.3 HY	33 H
2-3	**9/14/2007**	**2.00**	<1.0	9 H
2-4	**9/14/2007**	**2.50**	5.3 HY	29 H
2-5A	**9/14/2007**	**3.00**	4.4 HY	31 HL
3-1	**9/14/2007**	**2.50**	<0.99	5.8 H
3-2	**9/14/2007**	**2.50**	1.1 HY	9 H
3-3	**9/14/2007**	**2.50**	1.2 HY	13 H
3-4	**9/14/2007**	**2.50**	2.8 HY	18 H
3-5A	**9/14/2007**	**3.00**	1.3 HY	8.3 HL
4A-1	**9/13/2007**	**3.00**	<0.99	<5.0
4A-2	**9/13/2007**	**3.00**	<0.99	6.3
4A-3	**9/13/2007**	**3.00**	<0.99	<5.0
4A-4	**9/13/2007**	**2.00**	<1.0	<5.0
4A-5	**9/14/2007**	**2.00**	<1.0	6.2 H
4A-6	**9/14/2007**	**3.00**	28 HY	130 HL
4B-1	**9/14/2007**	**3.50**	67 HY	370 HL
4B-2	**9/14/2007**	**3.00**	<1.0	<5.0
4B-3	**9/14/2007**	**3.00**	<1.0	<5.0
4B-4	**9/14/2007**	**5.00**	**290 HY**	**1,200 HL**
4C-1	**9/13/2007**	**4.00**	<1.0	<5.0
4C-2	**9/13/2007**	**3.00**	1 HY	8.5 H
4C-3	**9/13/2007**	**3.00**	<0.99	5.5
4C-4	**9/13/2007**	**3.00**	81 HY	380 HL
ESL (Commercial/Industrial)			**100**	**1,000**
ESL (Residential)			**100**	**500**

Notes:

H= Heavier hydrocarbons contributed to the quantization

L= Lighter hydrocarbons contributed to the quantization

Y= Sample exhibits chromatographic pattern which does not resemble standard

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

Please note sample 1-5B was not analyzed for TPH due to the fact that it was overlooked during the sample run, once recovered it was past the laboratory hold time. However the sample 1-5A, collected in a close proximity to the 1-5B exhibited only trace concentrations of TPH.

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

Sampling Depth (ft bgs)	Sampling Date	Sampling Depth (ft bgs)	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
1-1	9/14/2007	2.00	1	3.8	170	0.3	<0.25	59	15	31	34	0.025	<0.25	150	<0.5	<0.25	<0.5	25	47
1-2	9/14/2007	2.00	<0.5	4.2	230	0.36	<0.25	66	17	34	6.7	0.043	<0.25	170	<0.5	<0.25	<0.5	27	42
1-3	9/14/2007	2.00	<0.5	4	220	0.31	<0.25	58	16	32	6	<0.020	<0.25	160	<0.5	<0.25	<0.5	24	51
1-4	9/14/2007	2.00	<0.5	4.3	210	0.35	<0.25	66	18	35	6.9	<0.020	<0.25	170	<0.5	<0.25	<0.5	27	44
1-5A	9/14/2007	3.00	<0.5	4.4	180	0.35	<0.25	65	17	36	9.9	0.039	<0.25	170	<0.5	<0.25	<0.5	27	49
1-5B	9/14/2007	3.00	<0.5	3.9	190	0.36	<0.25	65	19	34	7.7	NA	<0.25	190	<0.5	<0.25	<0.5	26	46
2-1	9/14/2007	2.50	<0.5	5.2	230	0.4	<0.25	73	19	39	7.5	0.022	0.4	190	<0.5	<0.25	<0.5	30	51
2-2	9/14/2007	2.00	<0.5	5.1	240	0.38	<0.25	73	19	39	7.6	0.35	0.56	190	<0.5	<0.25	<0.5	30	55
2-3	9/14/2007	2.00	<0.5	4.3	200	0.32	<0.25	61	16	33	6	0.023	<0.25	160	<0.5	<0.25	<0.5	26	44
2-4	9/14/2007	2.50	0.53	4.8	210	0.36	<0.25	70	18	36	7.8	0.041	0.33	180	<0.5	<0.25	<0.5	29	63
2-5A	9/14/2007	3.00	<0.5	5.7	220	0.32	<0.25	64	18	30	7.7	0.083	<0.25	170	<0.5	<0.25	<0.5	27	52
3-1	9/14/2007	2.50	<0.5	6.2	240	0.34	<0.25	65	18	29	7.6	0.091	<0.25	170	<0.5	<0.25	<0.5	29	45
3-2	9/14/2007	2.50	<0.5	5.6	210	0.3	<0.25	59	16	28	8.3	0.068	<0.25	160	<0.5	<0.25	<0.5	25	56
3-3	9/14/2007	2.50	<0.5	5.8	220	0.32	<0.25	62	17	29	7.2	0.028	<0.25	160	<0.5	<0.25	<0.5	26	52
3-4	9/14/2007	2.50	<0.5	6	210	0.32	<0.25	61	17	30	11	0.035	<0.25	150	<0.5	<0.25	<0.5	27	83
3-5A	9/14/2007	3.00	<0.5	5.7	230	0.34	<0.25	66	18	27	8.3	0.031	<0.25	170	<0.5	<0.25	<0.5	28	53
4A-1	9/13/2007	3.00	<0.5	6.2	190	0.37	<0.25	71	19	28	7.4	0.023	<0.25	180	<0.5	<0.25	<0.5	29	42
4A-2	9/13/2007	3.00	<0.5	5.7	220	0.32	<0.25	63	16	26	6.9	0.029	<0.25	160	<0.5	<0.25	<0.5	27	40
4A-3	9/13/2007	3.00	<0.5	5.8	210	0.35	<0.25	73	17	27	7.1	0.038	<0.25	180	<0.5	<0.25	<0.5	28	45
4A-4	9/13/2007	3.00	<0.5	4.2	260	0.34	<0.25	63	16	26	6.5	0.021	<0.25	150	<0.5	<0.25	<0.5	28	38

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

Sampling Depth (ft bgs)	Sampling Date	Sampling Depth (ft bgs)	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
4A-5	**9/14/2007**	**2.00**	<0.5	5	190	0.31	<0.25	51	15	26	6.3	<0.020	<0.25	120	<0.5	<0.25	<0.5	26	42
4A-6	**9/14/2007**	**3.00**	<0.5	5.6	210	0.34	<0.25	66	16	29	13	0.31	0.76	170	<0.5	<0.25	<0.5	28	50
4B-1	**9/14/2007**	**3.50**	<0.5	5.4	210	0.3	0.47	57	15	31	27	0.022	0.75	130	<0.5	<0.25	<0.5	26	59
4B-2	**9/14/2007**	**3.00**	<0.5	5.7	190	0.32	<0.25	64	17	27	6.5	0.05	<0.25	160	<0.5	<0.25	<0.5	27	40
4B-3	**9/14/2007**	**3.00**	<0.5	5.3	190	0.32	<0.25	58	17	27	6.4	0.039	<0.25	150	<0.5	<0.25	<0.5	26	44
4B-4	**9/14/2007**	**5.00**	<0.5	5.4	170	0.25	0.76	54	13	42	67	0.12	2.2	110	<0.5	<0.25	<0.5	24	100
4C-1	**9/13/2007**	**4.00**	<0.5	5.5	210	0.31	<0.25	64	17	27	7.2	0.052	<0.25	180	<0.5	<0.25	<0.5	25	43
4C-2	**9/13/2007**	**3.00**	<0.5	5.1	200	0.3	<0.25	59	16	26	6.5	0.022	<0.25	160	<0.5	<0.25	<0.5	25	40
4C-3	**9/13/2007**	**3.00**	<0.5	5.7	220	0.33	<0.25	55	16	27	6.6	0.055	<0.25	140	<0.5	<0.25	<0.5	27	42
4C-4	**9/13/2007**	**3.00**	<0.5	5.6	180	0.3	0.37	58	15	32	22	0.061	0.66	140	<0.5	<0.25	<0.5	25	85
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/ Industrial)			**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-Direct Contact)			**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 Contact)			**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

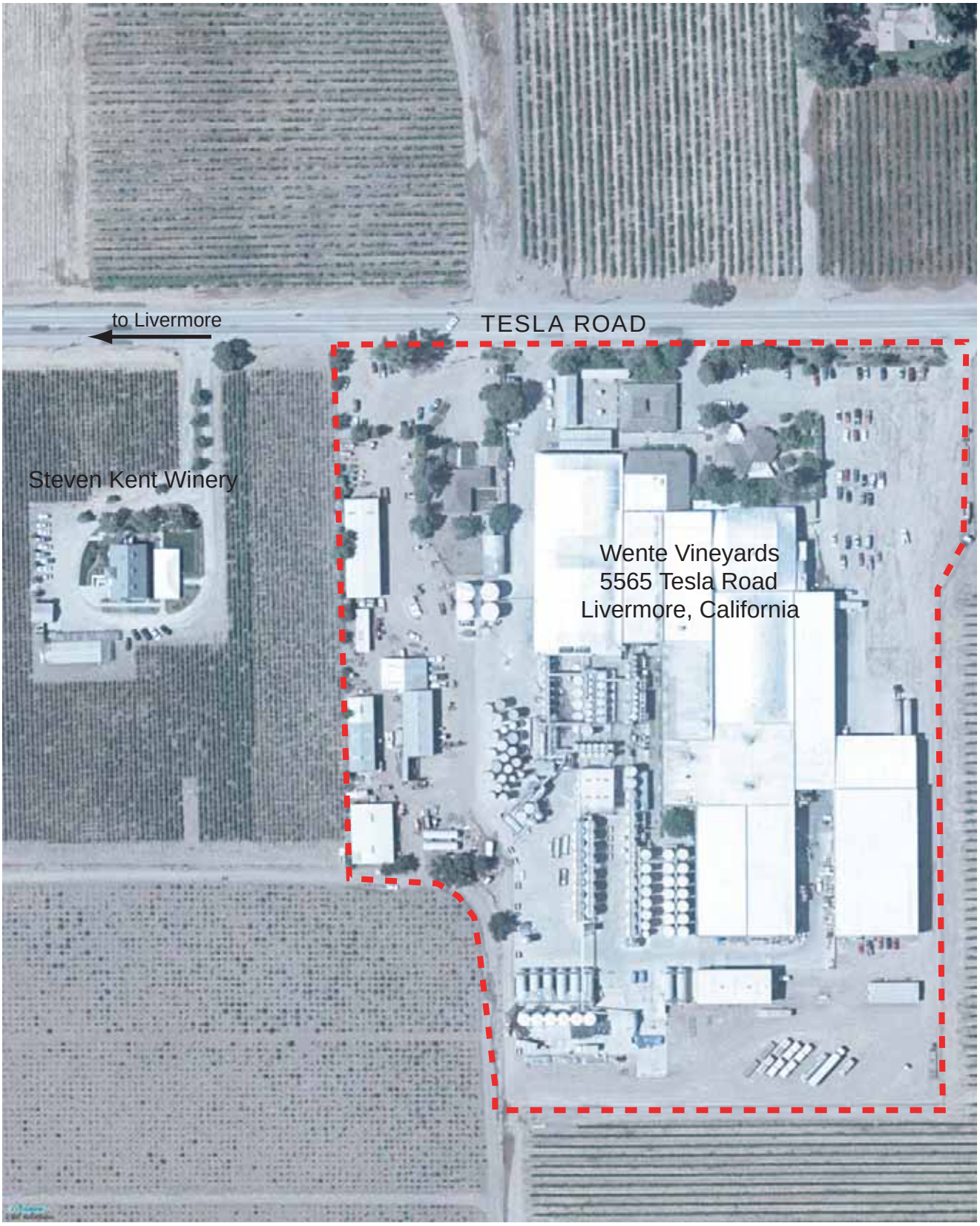
NA- Not analyzed

< Less than Laboratory Reporting Limit

* Kearney Foundation Special Report

NA- Not aplicable

Figures



N

approximate scale in feet

0 140 280

Figure 1: Site vicinity map.

SOMA
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SAN RAMON CA (925) 244 6600

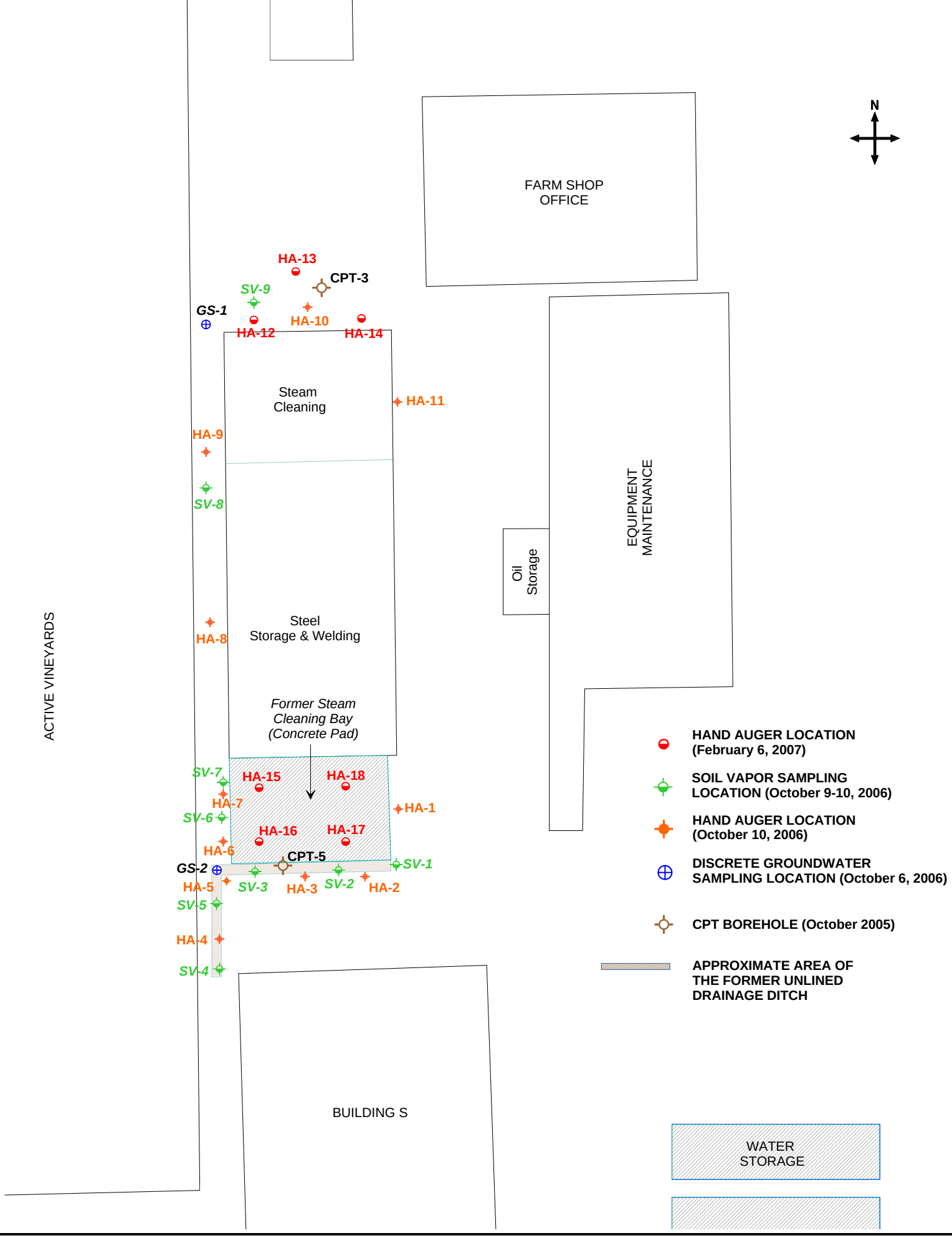

Figure 2: Site map showing the locations of soil borings

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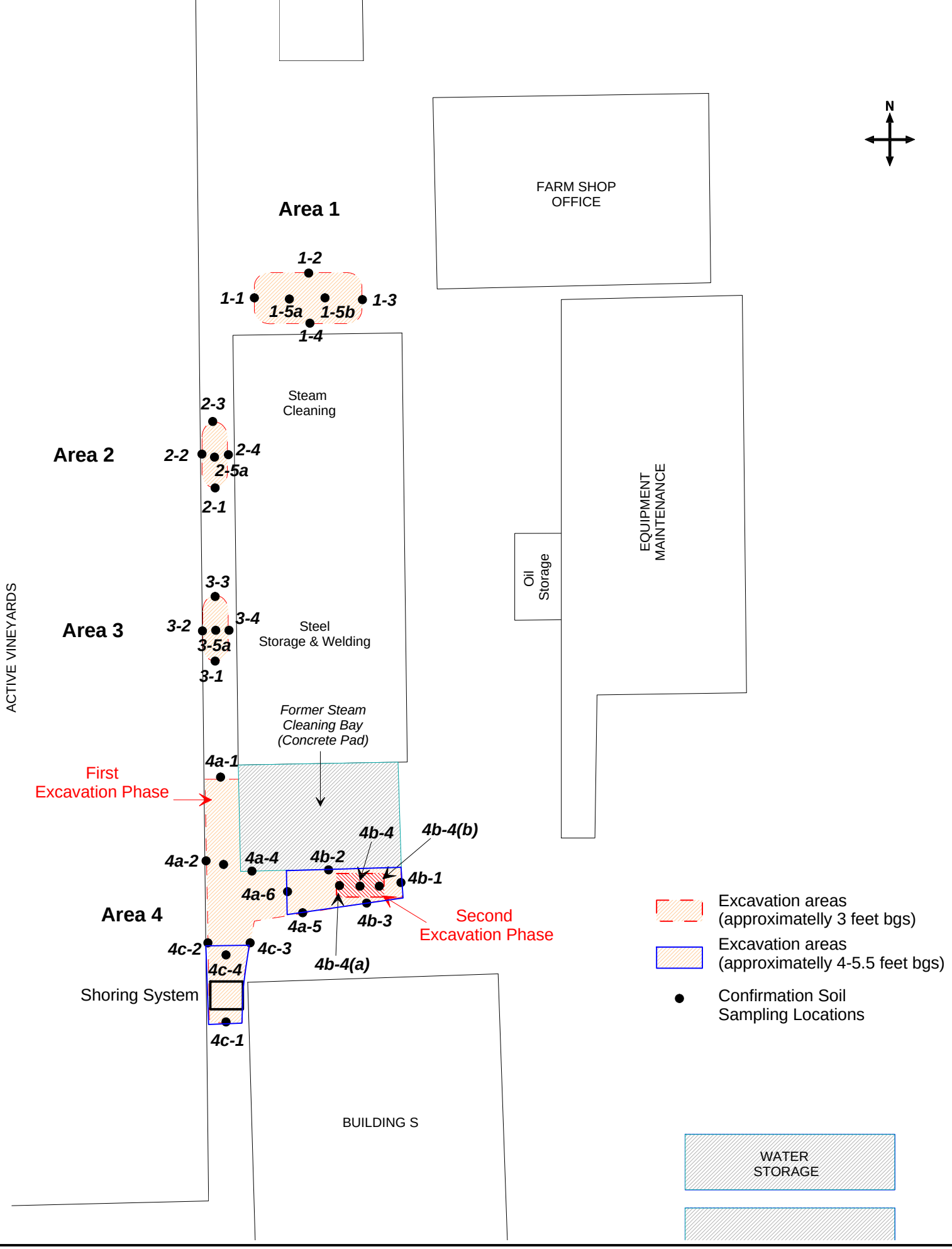

Figure 3: Site map showing the locations of remedial soil excavation and soil confirmation samples

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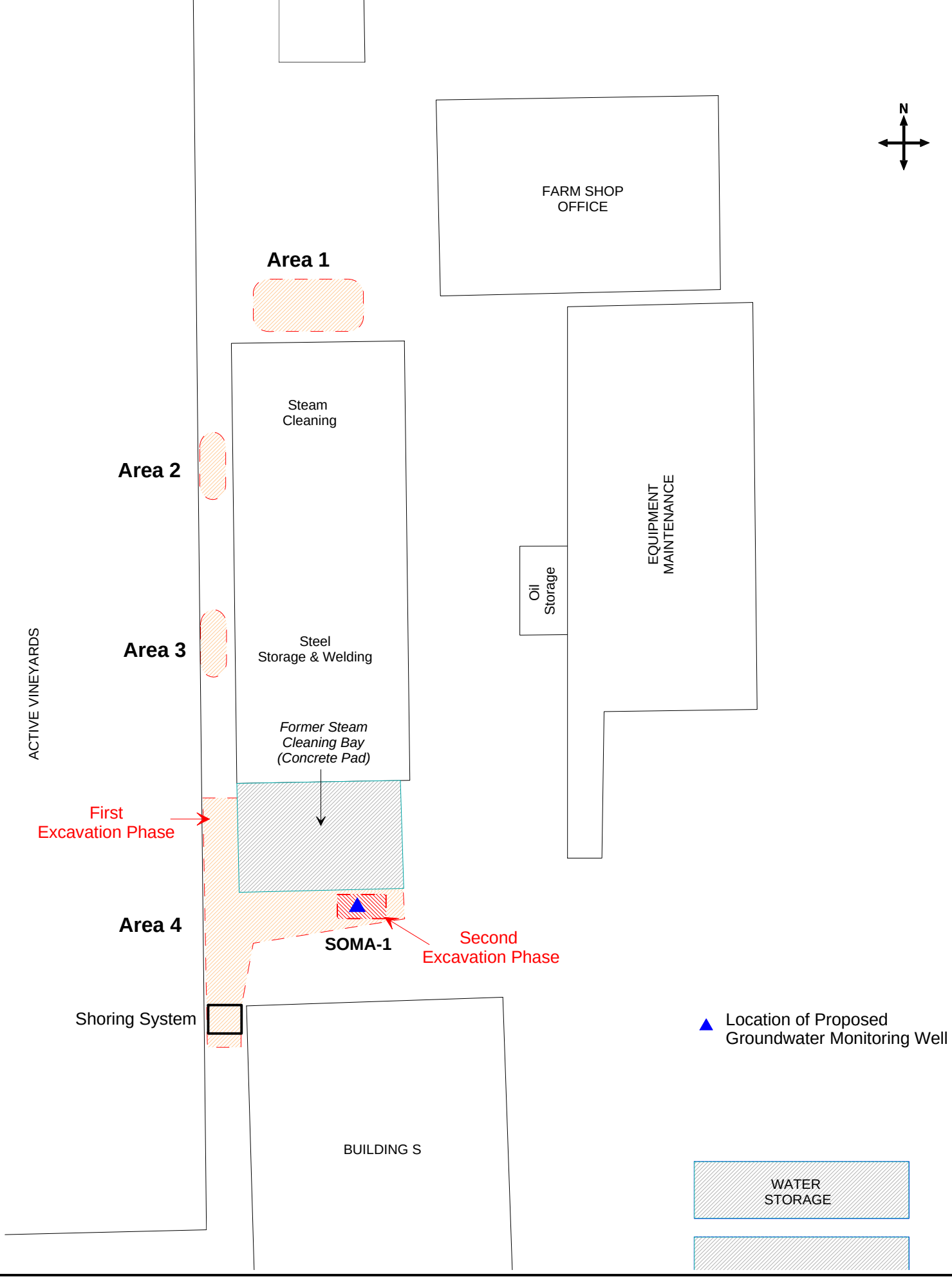

Figure 4: Location of proposed groundwater monitoring well

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Appendix A

Historical Analytical Data

Table 1
Groundwater Analytical Results
Wente Vineyards
5565 Tesla Road, Livermore, California

Sample ID	Sampling Depth (ft bgs)	TPH-g ug/L	Benzene ug/L	Toluene ug/L	Ethyl-benzene ug/L	Total Xylenes ug/L	MtBE ug/L	Chlotoethane ug/L	Tetrahydrofuran ug/L
GS-1B	40-44'	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<50
GS-1C	59-63'	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<50
GS-2A	12-16'	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<50
GS-2B	40-44'	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<50
GS-2C	59-63'	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<50

Notes:

NA- Not Analyzed (Upper water bearing zone didn't yield enough water to complete the analysis)

< Less than Laboratory Reporting Limit

Table 2
Soil Analytical Results (TPH)
Wente Vineyards
5565 Tesla Road, Livermore, California

Sample ID	Sampling Depth (ft bgs)	TPH-g mg/kg	TPH-d mg/kg	TPH-mo mg/kg
HA-1A	**1-1.5'**	<0.96	25 HY	150 H
HA-1B	**3-3.5'**	NA	7.0 HY	43
HA-2A	**1-1.5'**	<1	1.1 HY	6.2
HA-2B	**3-3.5'**	NA	NA	NA
HA-3A	**1-1.5'**	<0.99	**2,100 HY**	**6,800 H**
HA-3B	**3-3.5'**	NA	<1.0	<5.0
HA-4A	**1-1.5'**	<1.1	**1,300 HY**	**6,600 H**
HA-4B	**3-3.5'**	NA	50 HY	250
HA-5A	**1-1.5'**	<1	1.6 HY	8.8
HA-5B	**3-3.5'**	NA	NA	NA
HA-6A	**1-1.5'**	<1	17 HY	86 H
HA-6B	**3-3.5'**	NA	2.7 HY	19
HA-7A	**1-1.5'**	<1	34 HY	130 H
HA-7B	**3-3.5'**	NA	85 HY	320
HA-8A	**1-1.5'**	<1	<1.0	5.5
HA-8B	**3-3.5'**	NA	NA	NA
HA-9A	**1-1.5'**	<1	1.4 HY	10
HA-9B	**3-3.5'**	NA	NA	NA
HA-10A	**1-1.5'**	<1	72 HY	**770 H**
HA-10B	**3-3.5'**	NA	<1.0	<5.0
HA -11A	**1-1.5'**	<0.94	68 HY	330 H
HA -11B	**3-3.5'**	NA	4.2 HY	27
HA-11D(A)*	**1-1.5'**	<0.94	42 HY	230 H
HA-11D(B)*	**3-3.5'**	NA	<0.99	5.5
ESL (Commercial/Industrial)		**100**	**100**	**1,000**
ESL (Residential)		**100**	**100**	**500**

Notes:

H: Heavier hydrocarbons contributed to the quantitation

Y= Sample exhibits chromatographic pattern which does not resemble standard

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

"A" Samples- Collected at 1- to 1.5 ft sampling depth

"B" Samples- Collected at 3- to 3.5- sampling depth

* Samples HA-11D(A) and HA-11D(B) are duplicate samples collected at the location of soil boring HA-11

Table 3
Soil Analytical Results (Volatile Organics)
Wente Vineyards
5565 Tesla Road, Livermore, California

Sample ID	Sampling Depth (ft bgs)	MTBE ug/kg	Benzene ug/kg	Toluene ug/kg	Ethylbenzene ug/kg	m,p-Xylenes ug/kg	o-Xylene ug/kg	Tetrahydrofuran ug/kg	Chloroethane ug/kg
HA-1A	1-1.5'	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<49	<9.8
HA-2A	1-1.5'	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<45	<9.1
HA-3A	1-1.5'	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<47	<9.4
HA-4A	1-1.5'	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<49	<9.8
HA-5A	1-1.5'	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<45	<8.9
HA-6A	1-1.5'	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<49	<9.8
HA-7A	1-1.5'	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<10
HA-8A	1-1.5'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<46	<9.3
HA-9A	1-1.5'	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<47	<9.4
HA-10A	1-1.5'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<46	<9.3
HA-10B	3-3.5'	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<45	<9.1
HA -11A	1-1.5'	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<45	<9.1
HA-11D(A)	1-1.5'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<46	<9.3
ESL *(Commercial/Industrial)*		23	44	2,900	3,300	2,300	2,300	NL*/ (PRG=21,000)	850
ESL *(Residential)*		23	44	2,900	3,300	2,300	2,300	NL*/ (PRG=9,400)	630

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)

NL*- ESL not available

< Less than Laboratory Reporting Limit

"A" Samples- Collected at 1- to 1.5 ft sampling depth

"B" Samples- Collected at 3- to 3.5- sampling depth

Table 4
Soil Analytical Results (Metals CAM 17)
Wente Vineyards
5565 Tesla Road, Livermore, California

Sample ID	Sampling Depth (ft bgs)	Antimony (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Mercury (mg/kg)	Molybdenum (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Thallium (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)
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
Ambient Levels*		NA	9.6	NA	NA	NA	73	15.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA-1A	1-1.5'	<3	4.6	140	0.21	<0.25	47	11	28	24	0.04	1.2	81	<0.25	<0.25	<0.25	24	68
HA-1B	3-3.5'	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.023	NA	NA	NA	NA	NA	NA	NA
HA-2A	1-1.5'	<3	4.1	180	0.25	2.4	61	12	62	110	0.098	5	85	<0.25	<0.25	<0.25	31	160
HA-2B	3-3.5'	<3	3.3	230	0.38	1.3	72	20	37	16	0.034	<1	180	<0.26	<0.26	<0.26	33	57
HA-3A	1-1.5'	<3	3.6	170	0.23	3.9	79	10	77	160	0.14	12	86	<0.25	<0.25	<0.25	24	220
HA-3B	3-3.5'	<3	3.1	170	0.23	3	59	12	62	64	0.071	7.1	89	<0.25	0.25	<0.25	32	150
HA-4A	1-1.5'	<3	3.7	170	0.25	0.66	58	11	38	56	0.083	2	92	<0.25	<0.25	<0.25	26	130
HA-4B	3-3.5'	<3	4.9	230	0.38	3.3	73	16	82	59	0.084	6.1	120	<0.25	0.33	<0.25	38	290
HA-5A	1-1.5'	<3	3.8	190	0.3	1.3	87	14	49	150	0.09	1.9	120	<0.25	<0.25	<0.25	29	130
HA-5B	3-3.5'	<3	3.9	170	0.28	2.4	67	15	50	70	0.063	1.9	130	<0.25	<0.25	<0.25	31	130
HA-6A	1-1.5'	<3	5.1	340	0.33	1.4	73	16	57	73	0.046	2.2	140	<0.25	<0.25	<0.25	30	180
HA-6B	3-3.5'	<3	5.4	370	0.31	2.8	68	15	65	88	0.058	2.9	120	<0.25	<0.25	<0.25	33	220
HA-7A	1-1.5'	<3	7.4	200	0.25	2	59	10	57	100	0.051	6.2	78	<0.25	<0.25	<0.25	24	210
HA-7B	3-3.5'	<3	6.6	300	0.23	2.9	56	9.8	87	110	0.049	5.3	75	<0.25	<0.25	<0.25	26	210
HA-8A	1-1.5'	<3	3.3	240	0.36	<0.25	70	18	32	8.5	0.034	<1	170	<0.25	<0.25	<0.25	30	63
HA-8B	3-3.5'	<3	3.3	120	0.2	1	50	12	31	19	0.075	<1	110	<0.25	<0.25	<0.25	26	490
HA-9A	1-1.5'	<3	3.3	240	0.3	<0.26	63	16	35	24	0.054	1.1	150	<0.26	<0.26	<0.26	27	120

Table 4
Soil Analytical Results (Metals CAM 17)
Wente Vineyards
5565 Tesla Road, Livermore, California

Sample ID	Sampling Depth (ft bgs)	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)
HA-9B	3-3.5'	<3	3.6	210	0.26	1.1	62	15	32	14	0.097	<1	140	<0.25	<0.25	<0.25	29	100
HA -10A	1-1.5'	<3	2.9	140	0.23	<0.25	52	13	39	37	0.059	1.2	120	<0.25	<0.25	<0.25	24	82
HA -10B	3-3.5'	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.038	NA	NA	NA	NA	NA	NA	NA
HA -11A	1-1.5'	<3	3.3	210	0.27	0.33	60	12	49	41	0.045	2.4	100	<0.25	<0.25	<0.25	29	97
HA -11B	3-3.5'	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.053	NA	NA	NA	NA	NA	NA	NA
HA-11D(A)	1-1.5'	<3	3.1	250	0.26	0.32	62	15	51	51	0.042	2.2	130	<0.26	<0.26	<0.26	26	99
HA-11D(B)	3-3.5'	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.048	NA	NA	NA	NA	NA	NA	NA
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/ Industrial)		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-Direct Contact)		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 Contact)		31	0.39	5,400	150	37	210	900	3,100	150	6.1	390	1,600	390	390	5.2	78	23,000

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

NA- Not analyzed

Table 4
Soil Analytical Results (Metals CAM 17)
Wente Vineyards
5565 Tesla Road, Livermore, California

Sample ID	Sampling Depth (ft bgs)	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)

< Less than Laboratory Reporting Limit

* Kearney Foundation Special Report

NA- Not aplicable

"A" Samples- Collected at 1- to 1.5 ft sampling depth

"B" Samples- Collected at 3- to 3.5- sampling depth

Table 5
Soil Analytical Results (Pesticides and PCBs)
Wente Vineyards
5565 Tesla Road, Livermore, California

Sample ID	Sampling Depth (ft bgs)	Organochlorine Pesticides					Polychlorinated Biphenyls (PCBs)
		Delta-BHC ug/kg	4,4'-DDE ug/kg	4,4'-DDD ug/kg	4,4'-DDT ug/kg	Alpha-Chlordane ug/kg	Aroclor-1260 [1] ug/kg
HA-1A	1-1.5'	<1.7	<3.3	<3.3	<3.3	<1.7	<9.6
HA-2A	1-1.5'	<1.7	<3.3	<3.3	<3.3	<1.7	<9.5
HA-3A	1-1.5'	<8.6	<17	<3.3	<17 #	<8.6	<9.7
HA-4A	1-1.5'	<8.4	<16	<3.3	<16 #	<8.4	46
HA-5A	1-1.5'	<1.7	<3.3	<3.3	<3.3	<1.7	<9.6
HA-6A	1-1.5'	<5.1	<10	<17	<10 #	6.1 C	18
HA-7A	1-1.5'	6.1 C	<3.3	<16	<3.3	<1.7	<9.6
HA-7B	3-3.5'	<5.1	<9.9	<3.3	<9.9 #	<5.1	NA
HA-8A	1-1.5'	<1.7	<3.3	<10	<3.3	<1.7	<9.6
HA-9A	1-1.5'	<1.7	<3.3	<3.3	<3.3	<1.7	<9.7
HA -10A	1-1.5'	<1.7	3.9	<9.9	14	<1.7	<9.6
HA -11A	1-1.5'	<1.7	<3.3	<3.3	<3.3	<1.7	<9.5
HA-11D(A)	1-1.5'	<1.7	40 C	<3.3	12	<1.7	<9.5
ESL *(Commercial/Industrial)*		NL*	4,000	9,000	4,000	1,700	740
ESL *(Residential)*		NL**	1,600	2,300	1,600	440	220

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

* ESL for Gamma-BHC (Hexachlorocyclohexane, Lindane)= 49 ug/kg

** ESL for Gamma-BHC (Hexachlorocyclohexane, Lindane)= 49 ug/kg

C= Presence confirmed, but RPD between columns exceeds 40%

CCV drift outside limits; average CCV drift within limits per method requirements

[1] ESL level available for Polychlorinated Biphenyls (PCBs)

< Less than Laboratory Reporting Limit

"A" Samples- Collected at 1- to 1.5 ft sampling depth

"B" Samples- Collected at 3- to 3.5- sampling depth

Table 6
Soil Analytical Results (Polynuclear Aromatics)
Wente Vineyards
5565 Tesla Road, Livermore, California

Sample ID	Sampling Depth (ft bgs)	Naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo (a) anthracene	Chrysene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Indeno(1,2,3-cd)pyrene	Oibenz(a,h)anthracene	Benzo(g,h,i)perylene
		(ug/kg)															
HA-1A	1-1.5'	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67
HA-2A	1-1.5'	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67
HA-3A	1-1.5'	<6700	<6700	<6700	<6700	<6700	<6700	<6700	<6700	<6700	<6700	<6700	<6700	<6700	<6700	<6700	<6700
HA-4A	1-1.5'	<340	<340	<340	<340	<340	<340	<340	<340	<340	<340	<340	<340	<340	<340	<340	<340
HA-5A	1-1.5'	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67
HA-6A	1-1.5'	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67
HA-7A	1-1.5'	<66	<66	<66	<66	<66	<66	<66	<66	<66	<66	<66	<66	<66	<66	<66	<66
HA-8A	1-1.5'	<68	<68	<68	<68	<68	<68	<68	<68	<68	<68	<68	<68	<68	<68	<68	<68
HA-9A	1-1.5'	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67
HA-10A	1-1.5'	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130	<130
HA -11A	1-1.5'	<66	<66	<66	<66	<66	<66	<66	<66	<66	<66	<66	<66	<66	<66	<66	<66
HA-11D(A)	1-1.5'	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67

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)

NL*- ESL not available

In soil Borings HA-3A, HA-4A, and HA-10A Laboratory reported a dilution factor of 50, 5, and 2, respectively

< Less than Laboratory Reporting Limit

Table 7
Soil Vapor Field Data
Wente Vineyards
5565 Tesla Road, Livermore, California

Cannister #	Sample Location	Initial Vacuum ("Hg)	Purging			Sampling		
			Start Time	End Time	Volume Purged (mL)	Start Time	End Time	Final Vacuum ("Hg)
34430	**Purge Cannister**	29	N/A	N/A	N/A	N/A	N/A	ND
30824	**SV-9**	25	10:00:50	10:02:13	276	10:02	10:12	5
2218	**SV-4**	30	11:29:55	11:31:18	276	11:32	11:37	5
2211	**SV-5**	30	12:13:20	12:14:43	276	12:14	12:20	5
1463	**SV-6**	29	13:40:47	13:42:10	276	13:42	13:52	5
11829	**SV-6D** (Field Duplicate of SV-6)*	28.5	14:10:20	14:11:43	276	14:11	14:20	5
31795	**SV-7**	29.5	14:46:07	14:47:30	276	14:48	14:55	5
2079	**SV-3**	30	15:32:55	15:34:18	276	15:34	15:40	5
1477	**SV-1**	29	16:03:25	16:04:53	276	16:05	16:37	5
1472	**SV-8**	29	10:15:33	10:16:56	276	10:16	10:25	5
34601	**SV-2**	29	10:44:48	10:46:11	276	10:46	10:52	5

Note:

** Though laboratory sample ID for the field duplicate sample collected at soil vapor borehole SV-6 is SV-10, the sample ID used in the report for the above sample is SV-6D.*

Table 8
Soil Vapor Analytical Results
Wente Vineyards
5565 Tesla Road, Livermore, California

Compound	Sample ID											Shallow Soil Gas Screening Levels	
	SV-1	SV-2	SV-3	SVE-4	SV-5	SV-6	SV-6D Field Duplicate of SV-6*	SV-7	SV-8	SV-8 Lab Duplicate	SVE-9	Commersial/ Industrial	Residential
	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)
Freon 12	<6.4	<6.1	<5	<6.2	<6.6	<6.8	<6.8	<6.2	<5.1	<5.1	<5.3	NA	NA
Freon 114	<9	<8.6	<7.1	<8.8	<9.4	<9.6	<9.6	<8.8	<7.2	<7.2	<7.6	NA	NA
Chloromethane	<11	<10	<8.3	<10	<11	<11	<11	<10	<8.5	<8.5	<8.9	NA	NA
Vinyl Chloride	<3.3	<3.2	<2.6	<3.2	<3.4	<3.5	<3.5	<3.2	<2.6	<2.6	<2.8	NA	NA
1,3-Butadiene	**150**	**28**	**16**	**330**	**130**	**79**	**31**	**140**	<2.3	<2.3	**610**	**NL**	**NL**
Bromomethane	<5	<4.8	<3.9	<4.9	<5.2	<5.4	<5.4	<4.9	<4	<4	<4.2	NA	NA
Chloroethane	<3.4	<3.2	<2.7	<3.3	<3.5	<3.6	<3.6	<3.3	<2.7	<2.7	<2.8	NA	NA
Freon 11	<7.2	<6.9	**10**	**7.0 J**	**18**	<7.8	<7.8	<7.1	<5.8	<5.8	<6.1	**NL**	**NL**
Ethanol	**28**	**50**	**13**	**34**	**16**	**55**	**16**	**43**	<7.7	<7.7	**74**	**38,000,000**	**19,000,000**
Freon 113	<9.9	<9.5	<7.7	<9.7	<10	<10	<10	<9.7	<7.8	<7.8	<8.3	NA	NA
1,1-Dichloroethene	<5.1	<4.9	<4	<5	<5.3	<5.5	<5.5	<5	<4.1	<4.1	<4.3	NA	NA
Acetone	**400**	**570**	**100**	**330**	**170**	**820**	**310**	**990**	**23**	**23**	**280**	**1,800,000**	**660,000**
2-Propanol	**21**	**18**	<9.9	**43**	**19**	**150**	**16**	**24**	<10	<10	**12**	**NL**	**NL**
Carbon Disulfide	**19**	**12**	**4.8**	**18**	**19**	**13**	**7**	**17**	<3.2	<3.2	**320**	**NL**	**NL**
3-Chloropropene	<16	<15	<13	<16	<17	<17	<17	<16	<13	<13	<14	NA	NA
Methylene Chloride	<4.5	<4.3	**4.4**	<4.4	<4.7	<4.8	<4.8	<4.4	<3.6	<3.6	<3.8	**NL**	**NL**
MtBE	<4.6	<4.4	<3.6	<4.6	<4.8	<5	<5	<4.6	<3.7	<3.7	<3.9	NA	NA
trans-1,2-Dichloroethene	<5.1	<4.9	<4	<5	<5.3	<5.5	<5.5	<5	<4.1	<4.1	<4.3	NA	NA
Hexane	**61**	**19**	**16**	**160**	**82**	**44**	**18**	**76**	<3.6	<3.6	**84**	**NL**	**NL**
1,1-Dichloroethane	<5.2	<5	<4.1	<5.1	<5.4	<5.6	<5.6	<5.1	<4.1	<4.1	<4.4	**NL**	**NL**
2-Butanone (Methyl Ethyl Ketone)	**73**	**77**	**15**	**92**	**44**	**180**	**170**	**210**	**4.2**	**4.3**	**61**	**590,000**	**210,000**
cis-1,2-Dichloroethene	<5.1	<4.9	<4	<5	<5.3	<5.5	<5.5	<5	<4.1	<4.1	<4.3	NA	NA
Tetrahydrofuran	**6.5**	**4.6**	<3	**8.5**	**4.5**	**6.9**	**50**	**5.2**	<3	<3	**7**	**NL**	**NL**
Chloroform	<6.3	<6	<4.9	<6.2	<6.6	<6.7	<6.7	**9.2**	<5	<5	<5.3	**1,500**	**450**
1,1,1- Trichloroethane	<7	<6.7	<5.5	<6.9	<7.3	<7.5	<7.5	<6.9	<5.6	<5.6	<5.9	NA	NA
Cyclohexane	**14**	<4.2	**4.7**	**46**	**36**	**7.9**	**4.8**	**18**	<3.5	<3.5	**56**	**NL**	**NL**
Carbon Tetrachloride	<8.1	<7.8	<6.4	<8	<8.5	<8.7	<8.7	<8	<6.4	<6.4	<6.8	NA	NA
2,2,4- Trimethylpentane	<6	<5.8	<4.7	**7.1**	<6.3	7.8	<6.4	<5.9	<4.8	<4.8	**19**	**NL**	**NL**
Benzene	**45**	**18**	**8**	**170**	**51**	**44**	**16**	**64**	<3.3	<3.3	**63**	**290**	**85**
1,2-Dichloroethane	<5.2	<5	<4.1	<5.1	<5.4	<5.6	<5.6	<5.1	<4.1	<4.1	<4.4	NA	NA
Heptane	**30**	**10**	**7.2**	**71**	**36**	**20**	**10**	**32**	<4.2	<4.2	**41**	**NL**	**NL**
Trichloroethene	<6.9	<6.6	<5.4	<6.8	<7.2	**74**	**16**	<6.8	<5.5	<5.5	<5.8	**4,100**	**1,200**
1,2-Dichloropropane	<6	<5.7	<4.7	<5.8	<6.2	<6.4	<6.4	<5.8	<4.7	<4.7	<5	NA	NA
1,4-Dioxane	<18	<18	<14	<18	<19	<20	<20	<18	<15	<15	<16	NA	NA

Table 8
Soil Vapor Analytical Results
Wente Vineyards
5565 Tesla Road, Livermore, California

Compound	Sample ID											Shallow Soil Gas Screening Levels	
	SV-1	SV-2	SV-3	SVE-4	SV-5	SV-6	SV-6D Field Duplicate of SV-6*	SV-7	SV-8	SV-8 Lab Duplicate	SVE-9	Commersial/ Industrial	Residential
	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)
Bromodichloromethane	<8.6	<8.3	<6.8	<8.5	<9	<9.2	<9.2	<8.5	<6.9	<6.9	<7.2	NA	NA
cis-1,3-Dichloropropene	<5.8	<5.6	<4.6	<5.7	<6.1	<6.3	<6.3	<5.7	<4.6	<4.6	<4.9	NA	NA
4-Methyl-2-pentanone	<5.3	9.7	<4.1	**14**	**8.6**	**14**	**5.8**	**19**	<4.2	<4.2	**5.6**	**NL**	**NL**
Toluene	**42**	**52**	**34**	**300**	**130**	**110**	**60**	**160**	**8.2**	**8.9**	**95**	**180,000**	**63,000**
trans-1,3-Dichloropropene	<5.8	<5.6	<4.6	<5.7	<6.1	<6.3	<6.3	<5.7	<4.6	<4.6	<4.9	NA	NA
1,1,2- Trichloroethane	<7	<6.7	<5.5	<6.9	<7.3	<7.5	<7.5	<6.9	<5.6	<5.6	<5.9	NA	NA
Tetrachloroethene	**14**	<8.4	**58**	<8.6	<9.1	<9.4	<9.4	**41**	**110**	**100**	**240**	**1,400**	**410**
2-Hexanone	<21	<20	<16	<21	<22	<23	<23	<21	<17	<17	<18	NA	NA
Dibromochloromethane	<11	<10	<8.6	<11	<11	<12	<12	<11	<8.7	<8.7	<9.2	NA	NA
1 ,2-Dibromoethane (EDB)	<9.9	<9.5	<7.8	<9.7	<10	<11	<11	<9.7	<7.9	<7.9	<8.3	NA	NA
Chlorobenzene	<5.9	<5.7	<4.6	<5.8	<6.2	<6.4	<6.4	<5.8	<4.7	<4.7	<5	NA	NA
Ethyl Benzene	**7**	**10**	**9**	**37**	**11**	**20**	**9.6**	**35**	<4.4	<4.4	**15**	**1,200,000**	**420,000**
m,p-Xylene	**12**	**31**	**35**	**54**	**15**	**34**	**22**	**77**	<4.4	<4.4	**42**	**410,000**	**150,000**
o-Xylene	<5.6	**13**	**14**	**22**	**8**	**16**	**8.1**	**28**	<4.4	<4.4	**16**	**410,000**	**150,000**
Styrene	<5.5	**5.5**	<4.3	**15**	**7.9**	**16**	**7**	**26**	<4.4	<4.4	**8.4**	**590,000**	**210,000**
Bromoform	<13	<13	<10	<13	<14	<14	<14	<13	<10	<10	<11	NA	NA
Cumene	<6.3	<6.1	<5	**9.6**	<6.6	<6.8	<6.8	<6.2	<5	<5	<5.3	**NL**	**NL**
1,1,2,2-Tetrachloroethane	<8.8	<8.5	<6.9	<8.7	<9.2	<9.5	<9.5	<8.7	<7	<7	<7.4	NA	NA
Propylbenzene	<6.3	**12**	<5	**7**	<6.6	<6.8	<6.8	**7.6**	<5	<5	<5.3	**NL**	**NL**
4-Ethyltoluene	<6.3	**35**	<5	**20**	<6.6	**12**	<6.8	**23**	<5	<5	**15**	**NL**	**NL**
1,3,5- Trimethylbenzene	<6.3	**26**	<5	**6.4**	<6.6	<6.8	<6.8	**6.5**	<5	<5	**5.5**	**NL**	**NL**
1,2,4- Trimethylbenzene	<6.3	**87**	<5	**26**	<6.6	**14**	**7**	**27**	<5	<5	**25**	**NL**	**NL**
1,3-Dichlorobenzene	<7.8	<7.4	<6.1	<7.6	<8.1	<8.3	<8.3	<7.6	<6.2	<6.2	<6.5	NA	NA
1,4-Dichlorobenzene	<7.8	<7.4	<6.1	<7.6	<8.1	<8.3	<8.3	<7.6	<6.2	<6.2	<6.5	NA	NA
alpha-Chlorotoluene	<6.7	<6.4	<5.2	<6.5	<7	<7.1	<7.1	<6.5	<5.3	<5.3	<5.6	NA	NA
1,2-Dichlorobenzene	<7.8	<7.4	<6.1	<7.6	<8.1	<8.3	<8.3	<7.6	<6.2	<6.2	<6.5	NA	NA
1,2,4- Trichlorobenzene	<38	<37	<30	<38	<40	<41	<41	<38	<30	<30	<32	NA	NA
Hexachlorobutadiene	<55	<53	<43	<54	<57	<59	<59	<54	<44	<44	<46	**NL**	**NL**

Laboratory Note:

J- Estimated Value

Note

NA- Not Aplicable

NL- Not Listed

< - Less Than Laboratory Reporting lLimit

* *Laboratory sample ID for the field duplicate sample collected from the soil vapor borehole SV-6 is SV-10, however the sample ID used in the report is for the above sample is SV-6D.*

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

Sample ID	Sampling Depth (ft bgs)	Date	TPH-d mg/kg	TPH-mo mg/kg
HA-12 @ 1-1.5	1-1.5'	2/6/2007	2.6 HY	11
HA-13 @ 1-1.5	1-1.5'	2/6/2007	1.8 HY	6.2
HA-14 @ 1-1.5	3-3.5'	2/6/2007	<1	<5
HA-15 @ 1-1.5	1-1.5'	2/6/2007	1.3 HY	<5
HA-16 @ 1-1.5	3-3.5'	2/6/2007	2.4 HY	7.5
HA-17 @ 1-1.5	1-1.5'	2/6/2007	2.1 HY	<5
HA-18 @ 1-1.5	3-3.5'	2/6/2007	1.4 HY	<5
ESL (Commercial/Industrial)	-	-	100	1,000
ESL (Residential)	-	-	100	500

Notes:

H: Heavier hydrocarbons contributed to the quantitation

Y= Sample exhibits chromatographic pattern which does not resemble standard

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

Table 2
Soil Analytical Results (Volatile Organics)
Wente Vineyards
5565 Tesla Road, Livermore, California

Sample ID	Sampling Depth (ft bgs)	MTBE ug/kg	Benzene ug/kg	Toluene ug/kg	Ethylbenzene ug/kg	m,p-Xylenes ug/kg	o-Xylene ug/kg	Tetrahydrofuran ug/kg	Chloroethane ug/kg
HA-12	1-1.5'	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<47	<9.4
HA-13	1-1.5'	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<49	<9.8
HA-14	1-1.5'	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<46	<9.3
ESL *(Commercial/Industrial)*		23	44	2,900	3,300	2,300	2,300	NL*/ (PRG=21,000)	850
ESL *(Residential)*		23	44	2,900	3,300	2,300	2,300	NL*/ (PRG=9,400)	630

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

NL*- ESL not available

< Less than Laboratory Reporting Limit

Table 3
Soil Analytical Results (Metals CAM 17)
Wente Vineyards
5565 Tesla Road, Livermore, California

Sample ID	Sampling Depth (ft bgs)	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)
HA-15	1-1.5'	0.86	3.6	240	0.34	<0.25	64	18	35	7.5	0.042	<0.25	150	<0.5	0.35	<0.5	32	49
HA-15	3-3.5'	<0.5	5.3	210	0.32	<0.27	73	18	36	6.4	0.066	0.48	170	0.69	0.63	<0.5	29	43
HA-16	1-1.5'	0.89	3.4	200	0.32	<0.25	54	18	30	8.5	0.037	0.43	120	<0.5	<0.25	<0.5	31	46
HA-16	3-3.5'	<0.5	3.9	160	0.32	<0.25	68	17	30	6.3	0.054	0.36	170	<0.5	<0.25	<0.5	23	42
HA-17	1-1.5'	1.1	3.4	270	0.36	<0.26	67	19	34	7.7	0.033	<0.26	160	<0.5	<0.26	<0.5	34	50
HA-17	3-3.5'	<0.5	5.4	280	0.39	<0.25	78	21	36	7.5	0.04	0.64	210	<0.5	<0.25	<0.5	30	49
HA-18	1-1.5'	1	2.9	270	0.32	<0.25	59	16	31	7.1	0.029	<0.25	150	<0.5	<0.25	<0.5	29	45
HA-18	3-3.5'	<0.5	4.6	210	0.34	<0.25	68	19	31	6.8	0.037	0.45	180	<0.5	<0.25	<0.5	24	43
Ambient Levels*		NA	9.6	NA	NA	NA	73	15.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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/ Industrial)		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-Direct Contact)		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 Contact)		31	0.39	5,400	150	37	210	900	3,100	150	6.1	390	1,600	390	390	5.2	78	23,000

Table 3
Soil Analytical Results (Metals CAM 17)
Wente Vineyards
5565 Tesla Road, Livermore, California

Sample ID	Sampling Depth (ft bgs)	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)

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

NA- Not analyzed

< Less than Laboratory Reporting Limit

* Kearney Foundation Special Report

NA- Not aplicable

Appendix B

Permit Exemption Correspondence and BAAQMD notification

Elena Manzo

From: Monsalve, Carlos [carlosam@acpwa.org]
Sent: Friday, August 17, 2007 11:32 AM
To: Elena Manzo
Subject: RE: 5565 Tesla Road, Livermore (Excavation_SOMA Environmental)

Elena:
Per our telephone conversation and the information you provided below, you are exempt per county ordinance from acquiring a grading permit.
If you need further information, do not hesitate to contact me at (510) 670 5411
Thank you,
Carlos A. Monsalve
Alameda County

From: Elena Manzo [mailto:emanzo@somaenv.com]
Sent: Wednesday, August 01, 2007 5:05 PM
To: Monsalve, Carlos
Subject: Re:5565 Tesla Road, Livermore (Excavation_SOMA Environmental)

Dear Carlos,

As we discussed the project is located at 5565 Tesla Road in the unincorporated area in the city of Livermore. Under the oversight of Alameda County Environmental Health Department SOMA is planning to conduct a shallow remedial soil excavation at the above site. The following table summarizes the estimated areas and volumes of four excavation areas based on the anticipated target depths. Based on our conversation, it is my understanding that no excavation/grading permit is required if the excavated soil does not exceed 100 cubic yards.

Area ID	Area	Average depth	Volume	
	Ft^2	Ft	Ft^3	$Yard^3$
1	*340*	*3.5*	*1190*	*44*
2	*20*	*1.5*	*30*	*1.11*
3	*20*	*1.5*	*30*	*1.11*
4	*120*	*1.5*	*180*	*6.67*
		Total:	***1,430***	***52.89***

Sincerely,

Elena K. Manzo
Project Scientist
SOMA Environmental Engineering
Phone:(925)734-6400
Fax:(925)734-6401

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

COMPLIANCE & ENFORCEMENT DIVISION

Notification Form
Regulation 8 Rule 40

REMOVAL OF UNDERGROUND STORAGE TANKS *OR* TREATMENT OF CONTAMINATED SOIL

SITE OF ACTIVITY

Site Address: 5565 Tesla Road, **City & Zip:** Livermore, CA **Site#:** 2842

Specific Location of Project within Address: Near the Western property Boundary

Owner/Operator: Aris Krimetz

Check any that apply (400 numbers refer to regulation section requiring reporting):

- ☐ Tank Removal or Replacement *(401)*
- ☒ Contaminated Soil Excavation and Removal *(402)*
- ☐ Aeration of Soil < 50 ppmw organic content, but does not meet Section 118 Exemption *(403)*
- ☐ Section 114 Exempt; Date Pipeline Leak ***Started:*** _____ Vol. Of Soil: _____ *(403)*
- ☐ Section 115 Exempt; Date Contamination Unrelated to UST Activities ***Discovered:*** _____ *(405)*

If only Tank Removal is selected, attach results showing soil is not contaminated

CONTRACTOR INFORMATION

Name: SOMA Environmental Eng. **Site Contact:** Elena Manzo **Phone:** 925-734-6400

Address: 6620 Owens Drive, Suite A, Pleasanton, CA 94588

TANK REMOVAL *(Section 401)*

Scheduled Start Date: **Number and Size of Tank(s):** NA

Explain Methods of:

Piping drainage or flushing *(310.1)* _____

Liquid and sludge removal *(310.2)* _____

Vapor removal *(310.3)* **[Check One]** ☐ Water Displacement ☐ Vapor Freeing* ☐ Ventilation*

* Emission controls required for vapor freeing or ventilation if tank size greater than 250 gallons.

COMPLETE INFORMATION BELOW OR ATTACH SAMPLE RESULTS SHOWING SOIL IS UNCONTAMINATED (310.4)

CONTAMINATED SOIL EXCAVATION AND REMOVAL *(Section 402)*

Scheduled Start Date: Sept 13-30th, 2007 **Scheduled Completion Date:** Sept 20-30, 07

Purpose of Excavation: Removal of petroleum and minor Lead cont. soil

Quantity of Soil: ~ 70 cu yards **Organic Content & Type:** TPH-d=2,100 (mg/kg)

Methods used to quantify and analyze soil: EPA 8015, EPA 6010 (CAM-17) TPH-mo=6,800 (mg/kg)
↳ VOC's 8260B

Method of Stockpile Control *(304-306)*

☒ Water Spray ☒ Covered ☐ Vapor Suppressant (List Material Used): _____

Method of Site Closure *(306)*

☒ Backfilled ☒ Contaminated Soil Removed

☐ Onsite Treatment (Describe): _____ A/C or P/O #: _____

Loaded Trucks Covered? *(306.2)* ☒ Yes ☐ No

AERATION OF SOIL < 50 PPMW ORGANIC CONTENT *(Section 403)*

You must submit a Permit Application and Risk Screening Analysis *(Forms will be sent to you)*

FOR BAAQMD USE ONLY

Fax/PM Date:	By:	Disp to I#:	Area:	Date:	By:
Inv Req Date:	By:	Fwd to Supv.		Date:	By:

See Page Two to Complete This Form

OTHER PUBLIC AGENCY CONTACTED (Fire District, Hazardous Materials, City or County)?		
Agency Name: Alameda County	Contact Name: Carlos A. Monsalve	
Address: 399 Elmhurst St, Hayward, CA		Phone: 510-670-5480

EMERGENCY REMOVAL ORDER APPLICABLE? N/A		
Agency Name:	Contact Name:	
Address:		Phone:

H:\Pub_data\Janet\Reg 8-40\forms\notifdraft3.doc

GENERAL INFORMATION

- This notification form shall be used to notify the BAAQMD of any projects subject to the reporting requirements in Regulation 8, Rule 40, Sections 401 through 405. Notifications may be faxed to (415) 928-0338 or mailed to the address listed at the bottom of this form.
- An invoice for payment will be sent to the person listed under "Contractor Information" as the person responsible, unless the project is exempt from fee payment (see next item).
- See "Frequently Asked Questions" (FAQ) for definition of projects, change procedures, permit requirements, emergency conditions, project exemptions, and fee exemptions. For any questions not answered in the FAQ, contact the Compliance Assistance Counselor at (415) 749-4999.

INSTRUCTIONS

- **SITE OF ACTIVITY:** Give the site street address and indicate if it has any existing BAAQMD site number, for either a plant or GDF. Identify the specific project location if the site contains more than one building. Indicate all applicable activity types by checking appropriate boxes. For reporting requirements under Sections 401 through 403, additional information is required, as below.
- **CONTRACTOR INFORMATION:** Identify the contractor that is responsible for performing the work at the site location listed. This contractor is also responsible for payment of the applicable notification fee, if the project is not exempt.
- **SECTION 401 - TANK REMOVAL/REPLACEMENT:** All soils disturbed and/or excavated as part of the tank removal shall be subject to the requirements of Sections 304 through 306, unless the soil has been determined not to be contaminated by measurement of organic content using the procedures in Sections 601 and 602. Complete requirements for Section 402 or submit sample results showing that the soil is not contaminated.
- **SECTION 402 - CONTAMINATED SOIL EXCAVATION AND REMOVAL:**
  - Be as accurate as possible for the Scheduled Start and Completion Dates. Specific requirements apply for excavation projects triggered within either 45 or 90 days (Reg. 8-40-306.4) and Authority to Construct requirements for projects lasting longer than three months (Reg. 2-1-128.16).
  - If a vapor suppressant is used, attach a product data sheet or MSDS.
  - If Method of Site Closure used is Onsite Treatment, describe specific method, (e.g., bioremediation, vapor extraction, air sparging, thermal desorption, etc.).
  - If Onsite Treatment is used, indicate whether an Authority to Construct was obtained by providing the Application No. or attach copy of BAAQMD Certification of Exemption.
- **SECTION 403 – AERATION OF SOIL < 50 PPMW ORGANIC CONTENT:** Section 301 exempts from control the aeration of soil containing less than 50 ppmw of organic compounds, but Section 403 still requires reporting of **ANY** soil aeration. If such a project does not meet the exemption criteria of Section 118, then a Permit Application and Risk Screening Analysis must be submitted.
- **EMERGENCY REMOVAL INFORMATION (IF APPLICABLE):** The rule defines an emergency tank removal or excavation of contaminated soil as "carried out pursuant to an order of a state or local government agency issued because the contaminated soil poses an imminent threat to public health and safety." If the project(s) meet this definition, then identify the agency that issued the order. Under Section 402 requirements, on line two, identify the purpose as indicated in the order.

Appendix C

Laboratory Reports and Chain of Custody Forms

CHAIN OF COUSTODY

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

C&T LOGIN # 197668

Project No: 2842
Project Name: 5565 Tesla Rd, Livermore
Turnaround Time: Standard

Sampler: Elena Manzo
Report To: Elena Manzo
Company : SOMA Environmental
Telephone: 925-734-6400
Fax: 925-734-6401

Analyses

Lab No.	Sample ID	Depth	Sampling Date	Time	Matrix: Soil	Matrix: Water	Matrix: Waste	# of Containers	Preservative: HCL	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: ICE	Preservative: none	TPH-d, TPH-mo: 8015B, silica gel cleanup	CAM-17 metals: 6010B, 7471A	VOCs (8260)
-1	1-1	@ 2'	9/14/2007	1:20 pm	x			1				x		X	X	
-2	1-2	@ 2'	9/14/2007	1:45 p	x			1				x				
-3	1-3	@ 2'	9/14/2007	1:55 p	x			1				x				
-4	1-4	@ 2'	9/14/2007	2:05 p	x			1				x				
-5	1-5A	@ 3'	9/14/2007	2:10 p	x			1				x				
-6	1-5B	@ 3'	9/14/2007	2:25 p	x			1				x				
-7	2-1	@ 2.5'	9/14/2007	12:10 pm	x			1				x				
-8	2-2	@ 2'	9/14/2007	12:15 pm	x			1				x				
-9	2-3	@ 2'	9/14/2007	12:29 pm	x			1				x				
-10	2-4	@ 2.5'	9/14/2007	12:39 pm	x			1				x				
-11	2-5A	@ 3'	9/14/2007	12:48 pm	x			1				x				
-12	2-5B	@ 3'	9/14/2007	12:55 pm	x			1				x				
-13	3-1	@ 2.5'	9/14/2007	11:00 am	x			1				x				
-14	3-2	@ 2.5'	9/14/2007	11:15 am	x			1				x				
-15	3-3	@ 2.5'	9/14/2007	11:25 am	x			1				x				
-16	3-4	@ 2.5'	9/14/2007	11:40 am	x			1				x				
-17	3-5A	@ 3'	9/14/2007	11:50 am	x			1				x				
-18	3-5B	@ 3'	9/14/2007	11:59 am	x			1				x				
-19	4A-5	@ 2'	9/14/2007	3:40 pm	x			1				x				
-20	4A-6	@ 3'	9/14/2007	3:00 pm	x			1				x				

Notes: **EDF OUTPUT REQUIRED**
Silica gel cleanup method
(1-5B@ [illegible], 2-5B@3', 3-5B@3') Hold

RELINQUISHED BY:		RECEIVED BY:	
Elena Manzo 9/17/07 1013	DATE/TIME	[signature] 9/17/07 1013	DATE/TIME
	DATE/TIME		DATE/TIME
	DATE/TIME		DATE/TIME

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 # 197668

Project No: 2842

Project Name: 5565 Tesla Rd, Livermore

Turnaround Time: Standard

Sampler: Elena Manzo
Report To: Elena Manzo
Company : SOMA Environmental
Telephone: 925-734-6400
Fax: 925-734-6401

Lab No.	Sample ID	Depth	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-d, TPH-mo: 8015B, silica gel cleanup	Analyses: CAM-17 metals: 6010B, 7471A	Analyses: VOCs (8260)
-21	4B-1	@ 3.5'	9/14/2007	4:20 pm	x			1				x		x	x	
-22	4B-2	@ 3'	9/14/2007	3:55 pm	x			1				x		x	x	
-23	4B-3	@ 3'	9/14/2007	3:20 pm	x			1				x		x	x	
-24	4B-4	@ 5'	9/14/2007	3:29 pm	x			1				x		x	x	
-25	4B-1	@ 2.5'	9/14/07	4:25 p.	X			1 tube				X				

Notes:

EDF OUTPUT REQUIRED

Silica gel cleanup method

4B-1 @ 2.5' (Hold)

RELINQUISHED BY:	RECEIVED BY:
Elena Manzo 9/17/07 DATE/TIME	9/17/07 DATE/TIME
DATE/TIME	DATE/TIME
DATE/TIME	DATE/TIME

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 # 197668

Project No: 2842

Project Name: 5565 Tesla Rd, Livermore

Turnaround Time: Standard

Sampler: Bill Bassett

Report To: Joyce Bobek

Company : SOMA Environmental

Telephone: 925-734-6400

Fax: 925-734-6401

Analyses

Lab No.	Sample ID	Depth	Sampling Date	Time	Matrix: Soil	Matrix: Water	Matrix: Waste	# of Containers	Preservative: HCL	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: ICE	Preservative: none	TPH-d, TPH-mo: 8015B, silica gel cleanup	CAM-17 metals: 6010B, 7471A	VOCs (8260)
-26	4C-1	4'	9/13/07	1630	X			one 8-oz. glass				X		X	X	
-27	4C-2	3'		1635	X							X		X	X	
-28	4C-3	3'		1650	X							X		X	X	
-29	4C-4	3'		1700	X							X		X	X	
-30	4A-1	3'		1720	X							X		X	X	
-31	4A-2	3'		1735	X							X		X	X	
-32	4A-3	3'		1740	X							X		X	X	
-33	4A-4	3'		1750	X							X		X	X	

Notes:
EDF OUTPUT REQUIRED
Silica gel cleanup method

RELINQUISHED BY:

[signature]	9/14/07	DATE/TIME
Elena Manzo	9/17/07 1013	DATE/TIME
		DATE/TIME

RECEIVED BY:

Elena Manzo	9/14/07	DATE/TIME
[signature]	9/17/07 1013	DATE/TIME
		DATE/TIME

CURTIS & TOMPKINS, LTD. BERKELEY LOGIN CHANGE FORM

Reason for change: x Client Request By: E.Manzo Date/Time: 9/19/07 17:06 Initials: SES
Login Review Data Review

Current Lab ID	Previous Lab ID	Client ID	Matrix	Add/Cancel	Analysis	Duedate
197668-021		4B-1 @ 3.5	Soil	Update	TEHM	**9/20**
197668-024		4B-4	Soil	Update	TEHM	**9/20**
	The update changes the TAT from standard to 3-day for these two sample analyses only.					
	Client needs results as early as possible.					

197668

Steve Stanley

From: "Elena Manzo" <emanzo@somaenv.com>
To: "'Steve Stanley'" <steve@ctberk.com>
Sent: Wednesday, September 19, 2007 4:57 PM
Subject: Re: Tesla Road TAT

Dear Steve,

As per our conversation please rush (3 day TAT) the following samples for the project located at Tesla Road in Livermore: 4B-1 and 4B-4. Please do not hesitate to call me should you have any questions or concerns.

Sincerely,

Elena K. Manzo
Project Scientist
SOMA Environmental Engineering
Phone:(925)734-6400
Fax:(925)734-6401

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

Laboratory Job Number 197668
ANALYTICAL REPORT

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

Project : 2842
Location : 5565 Tesla Rd, Livermore
Level : II

Sample ID	Lab ID	Sample ID	Lab ID
1-1	197668-001	3-5B	197668-018
1-2	197668-002	4A-5	197668-019
1-3	197668-003	4A-6	197668-020
1-4	197668-004	4B-1 @3.5	197668-021
1-5A	197668-005	4B-2	197668-022
1-5B	197668-006	4B-3	197668-023
2-1	197668-007	4B-4	197668-024
2-2	197668-008	4B-1 @2.5	197668-025
2-3	197668-009	4C-1	197668-026
2-4	197668-010	4C-2	197668-027
2-5A	197668-011	4C-3	197668-028
2-5B	197668-012	4C-4	197668-029
3-1	197668-013	4A-1	197668-030
3-2	197668-014	4A-2	197668-031
3-3	197668-015	4A-3	197668-032
3-4	197668-016	4A-4	197668-033
3-5A	197668-017		

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

Signature: _____ Date: 09/21/2007
Project Manager

Signature: _____ Date: 09/21/2007
Operations Manager

NELAP # 01107CA

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	197668
Client:	SOMA Environmental Engineering Inc.
Project:	2842
Location:	5565 Tesla Rd, Livermore
Request Date:	09/17/07
Samples Received:	09/17/07

This hardcopy data package contains sample and QC results for twenty eight soil samples, requested for the above referenced project on 09/17/07. The samples were received intact.

TPH-Extractables by GC (EPA 8015B):
Low surrogate recoveries were observed for hexacosane in the MS/MSD for batch 129661; the parent sample was not a project sample. 4B-4 (lab # 197668-024) was diluted due to high non-target analytes. No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):
High recoveries were observed for barium and copper in the MS of 1-1 (lab # 197668-001); the BS/BSD were within limits, and the associated RPDs were within limits. No other analytical problems were encountered.

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	197668	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Analysis:	EPA 8015B
Project#:	2842		
Matrix:	Soil	Basis:	as received
Units:	mg/Kg	Received:	09/17/07

Field ID:	1-1	Sampled:	09/14/07
Type:	SAMPLE	Prepared:	09/17/07
Lab ID:	197668-001	Analyzed:	09/20/07
Diln Fac:	1.000	Prep:	EPA 3550B
Batch#:	129574	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	11 H Y	1.0
Motor Oil C24-C36	100 H	5.0

Surrogate	%REC	Limits
Hexacosane	87	46-128

Field ID:	1-2	Sampled:	09/14/07
Type:	SAMPLE	Prepared:	09/17/07
Lab ID:	197668-002	Analyzed:	09/20/07
Diln Fac:	1.000	Prep:	EPA 3550B
Batch#:	129574	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	0.99
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	89	46-128

Field ID:	1-3	Sampled:	09/14/07
Type:	SAMPLE	Prepared:	09/17/07
Lab ID:	197668-003	Analyzed:	09/20/07
Diln Fac:	1.000	Prep:	EPA 3550B
Batch#:	129574	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	80	46-128

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

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	197668	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Analysis:	EPA 8015B
Project#:	2842		
Matrix:	Soil	Basis:	as received
Units:	mg/Kg	Received:	09/17/07

Field ID:	1-4	Sampled:	09/14/07
Type:	SAMPLE	Prepared:	09/17/07
Lab ID:	197668-004	Analyzed:	09/20/07
Diln Fac:	1.000	Prep:	EPA 3550B
Batch#:	129574	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	90	46-128

Field ID:	1-5A	Sampled:	09/14/07
Type:	SAMPLE	Prepared:	09/17/07
Lab ID:	197668-005	Analyzed:	09/20/07
Diln Fac:	1.000	Prep:	EPA 3550B
Batch#:	129574	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	4.5 H Y	0.99
Motor Oil C24-C36	27 H L	5.0

Surrogate	%REC	Limits
Hexacosane	85	46-128

Field ID:	2-1	Sampled:	09/14/07
Type:	SAMPLE	Prepared:	09/17/07
Lab ID:	197668-007	Analyzed:	09/19/07
Diln Fac:	1.000	Prep:	EPA 3550B
Batch#:	129574	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	1.4 H Y	0.99
Motor Oil C24-C36	11 H	5.0

Surrogate	%REC	Limits
Hexacosane	91	46-128

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

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	197668	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Analysis:	EPA 8015B
Project#:	2842		
Matrix:	Soil	Basis:	as received
Units:	mg/Kg	Received:	09/17/07

Field ID:	2-2	Sampled:	09/14/07
Type:	SAMPLE	Prepared:	09/18/07
Lab ID:	197668-008	Analyzed:	09/19/07
Diln Fac:	1.000	Prep:	SHAKER TABLE
Batch#:	129593	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	4.3 H Y	1.0
Motor Oil C24-C36	33 H	5.0

Surrogate	%REC	Limits
Hexacosane	70	46-128

Field ID:	2-3	Sampled:	09/14/07
Type:	SAMPLE	Prepared:	09/18/07
Lab ID:	197668-009	Analyzed:	09/19/07
Diln Fac:	1.000	Prep:	SHAKER TABLE
Batch#:	129593	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	9.0 H	5.0

Surrogate	%REC	Limits
Hexacosane	70	46-128

Field ID:	2-4	Sampled:	09/14/07
Type:	SAMPLE	Prepared:	09/18/07
Lab ID:	197668-010	Analyzed:	09/19/07
Diln Fac:	1.000	Prep:	SHAKER TABLE
Batch#:	129593	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	5.3 H Y	0.99
Motor Oil C24-C36	29 H	5.0

Surrogate	%REC	Limits
Hexacosane	77	46-128

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

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	197668	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Analysis:	EPA 8015B
Project#:	2842		
Matrix:	Soil	Basis:	as received
Units:	mg/Kg	Received:	09/17/07

Field ID:	2-5A	Sampled:	09/14/07
Type:	SAMPLE	Prepared:	09/18/07
Lab ID:	197668-011	Analyzed:	09/19/07
Diln Fac:	1.000	Prep:	SHAKER TABLE
Batch#:	129593	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	4.4 H Y	1.0
Motor Oil C24-C36	31 H L	5.0

Surrogate	%REC	Limits
Hexacosane	93	46-128

Field ID:	3-1	Sampled:	09/14/07
Type:	SAMPLE	Prepared:	09/18/07
Lab ID:	197668-013	Analyzed:	09/20/07
Diln Fac:	1.000	Prep:	SHAKER TABLE
Batch#:	129593	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	0.99
Motor Oil C24-C36	5.8 H	5.0

Surrogate	%REC	Limits
Hexacosane	80	46-128

Field ID:	3-2	Sampled:	09/14/07
Type:	SAMPLE	Prepared:	09/18/07
Lab ID:	197668-014	Analyzed:	09/19/07
Diln Fac:	1.000	Prep:	SHAKER TABLE
Batch#:	129593	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	1.1 H Y	1.0
Motor Oil C24-C36	9.0 H	5.0

Surrogate	%REC	Limits
Hexacosane	73	46-128

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

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	197668	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Analysis:	EPA 8015B
Project#:	2842		
Matrix:	Soil	Basis:	as received
Units:	mg/Kg	Received:	09/17/07

Field ID:	3-3	Sampled:	09/14/07
Type:	SAMPLE	Prepared:	09/18/07
Lab ID:	197668-015	Analyzed:	09/20/07
Diln Fac:	1.000	Prep:	SHAKER TABLE
Batch#:	129593	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	1.2 H Y	1.0
Motor Oil C24-C36	13 H	5.0

Surrogate	%REC	Limits
Hexacosane	90	46-128

Field ID:	3-4	Sampled:	09/14/07
Type:	SAMPLE	Prepared:	09/18/07
Lab ID:	197668-016	Analyzed:	09/20/07
Diln Fac:	1.000	Prep:	SHAKER TABLE
Batch#:	129593	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	2.8 H Y	1.0
Motor Oil C24-C36	18 H	5.0

Surrogate	%REC	Limits
Hexacosane	73	46-128

Field ID:	3-5A	Sampled:	09/14/07
Type:	SAMPLE	Prepared:	09/18/07
Lab ID:	197668-017	Analyzed:	09/20/07
Diln Fac:	1.000	Prep:	SHAKER TABLE
Batch#:	129593	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	1.3 H Y	0.99
Motor Oil C24-C36	8.3 H L	5.0

Surrogate	%REC	Limits
Hexacosane	81	46-128

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

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	197668	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Analysis:	EPA 8015B
Project#:	2842		
Matrix:	Soil	Basis:	as received
Units:	mg/Kg	Received:	09/17/07

Field ID:	4A-5	Sampled:	09/14/07
Type:	SAMPLE	Prepared:	09/18/07
Lab ID:	197668-019	Analyzed:	09/20/07
Diln Fac:	1.000	Prep:	SHAKER TABLE
Batch#:	129593	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	6.2 H	5.0

Surrogate	%REC	Limits
Hexacosane	68	46-128

Field ID:	4A-6	Sampled:	09/14/07
Type:	SAMPLE	Prepared:	09/18/07
Lab ID:	197668-020	Analyzed:	09/20/07
Diln Fac:	1.000	Prep:	SHAKER TABLE
Batch#:	129593	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	28 H Y	1.0
Motor Oil C24-C36	130 H L	5.0

Surrogate	%REC	Limits
Hexacosane	82	46-128

Field ID:	4B-1 @3.5	Sampled:	09/14/07
Type:	SAMPLE	Prepared:	09/18/07
Lab ID:	197668-021	Analyzed:	09/19/07
Diln Fac:	1.000	Prep:	SHAKER TABLE
Batch#:	129593	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	67 H Y	1.0
Motor Oil C24-C36	370 H L	5.0

Surrogate	%REC	Limits
Hexacosane	79	46-128

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

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	197668	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Analysis:	EPA 8015B
Project#:	2842		
Matrix:	Soil	Basis:	as received
Units:	mg/Kg	Received:	09/17/07

Field ID:	4B-2	Sampled:	09/14/07
Type:	SAMPLE	Prepared:	09/18/07
Lab ID:	197668-022	Analyzed:	09/20/07
Diln Fac:	1.000	Prep:	SHAKER TABLE
Batch#:	129593	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	78	46-128

Field ID:	4B-3	Sampled:	09/14/07
Type:	SAMPLE	Prepared:	09/18/07
Lab ID:	197668-023	Analyzed:	09/20/07
Diln Fac:	1.000	Prep:	SHAKER TABLE
Batch#:	129593	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	71	46-128

Field ID:	4B-4	Sampled:	09/14/07
Type:	SAMPLE	Prepared:	09/18/07
Lab ID:	197668-024	Analyzed:	09/20/07
Diln Fac:	10.00	Prep:	SHAKER TABLE
Batch#:	129593	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	290 H Y	10
Motor Oil C24-C36	1,200 H L	50

Surrogate	%REC	Limits
Hexacosane	DO	46-128

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

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	197668	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Analysis:	EPA 8015B
Project#:	2842		
Matrix:	Soil	Basis:	as received
Units:	mg/Kg	Received:	09/17/07

Field ID:	4C-1	Sampled:	09/13/07
Type:	SAMPLE	Prepared:	09/18/07
Lab ID:	197668-026	Analyzed:	09/20/07
Diln Fac:	1.000	Prep:	SHAKER TABLE
Batch#:	129593	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	66	46-128

Field ID:	4C-2	Sampled:	09/13/07
Type:	SAMPLE	Prepared:	09/18/07
Lab ID:	197668-027	Analyzed:	09/20/07
Diln Fac:	1.000	Prep:	SHAKER TABLE
Batch#:	129593	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	1.0 H Y	1.0
Motor Oil C24-C36	8.5 H	5.0

Surrogate	%REC	Limits
Hexacosane	82	46-128

Field ID:	4C-3	Sampled:	09/13/07
Type:	SAMPLE	Prepared:	09/18/07
Lab ID:	197668-028	Analyzed:	09/20/07
Diln Fac:	1.000	Prep:	SHAKER TABLE
Batch#:	129593	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	0.99
Motor Oil C24-C36	5.5	5.0

Surrogate	%REC	Limits
Hexacosane	72	46-128

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

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	197668	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Analysis:	EPA 8015B
Project#:	2842		
Matrix:	Soil	Basis:	as received
Units:	mg/Kg	Received:	09/17/07

Field ID:	4C-4	Sampled:	09/13/07
Type:	SAMPLE	Prepared:	09/18/07
Lab ID:	197668-029	Analyzed:	09/20/07
Diln Fac:	1.000	Prep:	SHAKER TABLE
Batch#:	129593	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	81 H Y	1.0
Motor Oil C24-C36	380 H L	5.0

Surrogate	%REC	Limits
Hexacosane	59	46-128

Field ID:	4A-1	Sampled:	09/13/07
Type:	SAMPLE	Prepared:	09/18/07
Lab ID:	197668-030	Analyzed:	09/20/07
Diln Fac:	1.000	Prep:	SHAKER TABLE
Batch#:	129593	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	0.99
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	73	46-128

Field ID:	4A-2	Sampled:	09/13/07
Type:	SAMPLE	Prepared:	09/19/07
Lab ID:	197668-031	Analyzed:	09/20/07
Diln Fac:	1.000	Prep:	SHAKER TABLE
Batch#:	129661	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	0.99
Motor Oil C24-C36	6.3	5.0

Surrogate	%REC	Limits
Hexacosane	91	46-128

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

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	197668	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Analysis:	EPA 8015B
Project#:	2842		
Matrix:	Soil	Basis:	as received
Units:	mg/Kg	Received:	09/17/07

Field ID:	4A-3	Sampled:	09/13/07
Type:	SAMPLE	Prepared:	09/19/07
Lab ID:	197668-032	Analyzed:	09/21/07
Diln Fac:	1.000	Prep:	SHAKER TABLE
Batch#:	129661	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	0.99
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	91	46-128

Type:	BLANK	Prepared:	09/17/07
Lab ID:	QC406559	Analyzed:	09/19/07
Diln Fac:	1.000	Prep:	EPA 3550B
Batch#:	129574	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	94	46-128

Type:	BLANK	Prepared:	09/18/07
Lab ID:	QC406647	Analyzed:	09/19/07
Diln Fac:	1.000	Prep:	SHAKER TABLE
Batch#:	129593	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	83	46-128

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

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	197668	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Analysis:	EPA 8015B
Project#:	2842		
Matrix:	Soil	Basis:	as received
Units:	mg/Kg	Received:	09/17/07

Type:	BLANK	Prepared:	09/19/07
Lab ID:	QC406928	Analyzed:	09/20/07
Diln Fac:	1.000	Prep:	SHAKER TABLE
Batch#:	129661	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	95	46-128

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

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	197668	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3550B
Project#:	2842	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC406560	Batch#:	129574
Matrix:	Soil	Prepared:	09/17/07
Units:	mg/Kg	Analyzed:	09/19/07
Basis:	as received		

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.97	41.84	84	55-131

Surrogate	%REC	Limits
Hexacosane	76	46-128

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	197668	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3550B
Project#:	2842	Analysis:	EPA 8015B
Field ID:	2-1	Batch#:	129574
MSS Lab ID:	197668-007	Sampled:	09/14/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/17/07
Basis:	as received	Analyzed:	09/19/07
Diln Fac:	1.000		

Type: MS
Lab ID: QC406561

Cleanup Method: EPA 3630C

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	1.407	49.59	42.22	82	31-150

Surrogate	%REC	Limits
Hexacosane	87	46-128

Type: MSD
Lab ID: QC406562

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	49.64	43.50	85	31-150	3	42

Surrogate	%REC	Limits
Hexacosane	90	46-128

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	197668	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	SHAKER TABLE
Project#:	2842	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC406648	Batch#:	129593
Matrix:	Soil	Prepared:	09/18/07
Units:	mg/Kg	Analyzed:	09/19/07
Basis:	as received		

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.84	39.06	78	55-131

Surrogate	%REC	Limits
Hexacosane	78	46-128

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	197668	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	SHAKER TABLE
Project#:	2842	Analysis:	EPA 8015B
Field ID:	2-2	Batch#:	129593
MSS Lab ID:	197668-008	Sampled:	09/14/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received	Analyzed:	09/19/07
Diln Fac:	1.000		

Type: MS
Lab ID: QC406649
Cleanup Method: EPA 3630C

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	4.340	50.00	43.22	78	31-150

Surrogate	%REC	Limits
Hexacosane	74	46-128

Type: MSD
Lab ID: QC406650
Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	49.61	38.48	69	31-150	11	42

Surrogate	%REC	Limits
Hexacosane	69	46-128

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	197668	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	SHAKER TABLE
Project#:	2842	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC406929	Batch#:	129661
Matrix:	Soil	Prepared:	09/19/07
Units:	mg/Kg	Analyzed:	09/20/07
Basis:	as received		

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.61	43.91	89	55-131

Surrogate	%REC	Limits
Hexacosane	89	46-128

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	197668	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	SHAKER TABLE
Project#:	2842	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	129661
MSS Lab ID:	197707-010	Sampled:	09/18/07
Matrix:	Soil	Received:	09/19/07
Units:	mg/Kg	Prepared:	09/19/07
Basis:	as received	Analyzed:	09/20/07
Diln Fac:	1.000		

Type: MS
Lab ID: QC406930

Cleanup Method: EPA 3630C

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	394.5	50.46	337.5	-113 NM	31-150

Surrogate	%REC	Limits
Hexacosane	21 *	46-128

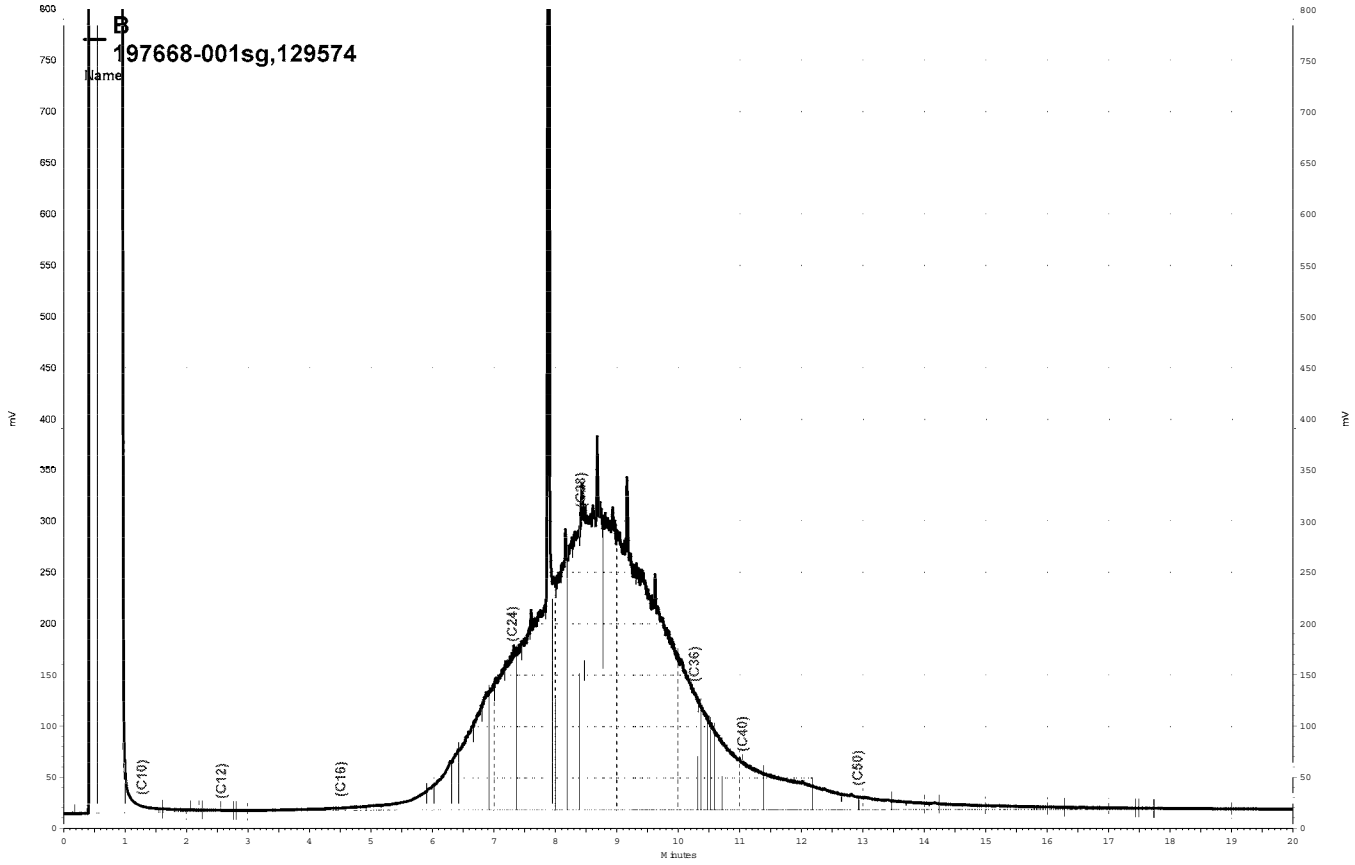
Type: MSD
Lab ID: QC406931

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	50.36	303.1	-182 NM	31-150	11	42

Surrogate	%REC	Limits
Hexacosane	16 *	46-128

*= Value outside of QC limits; see narrative
NM= Not Meaningful: Sample concentration > 4X spike concentration
RPD= Relative Percent Difference



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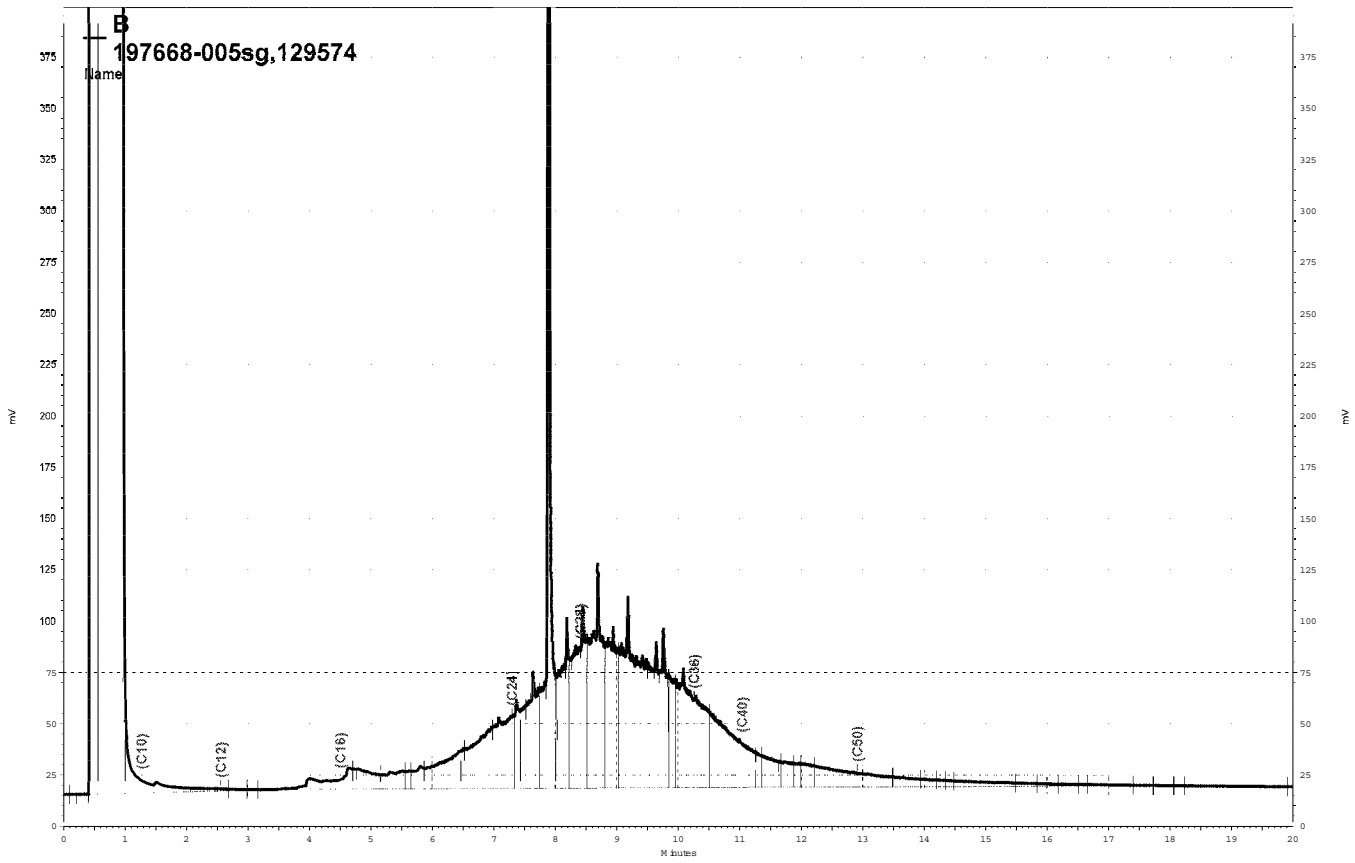

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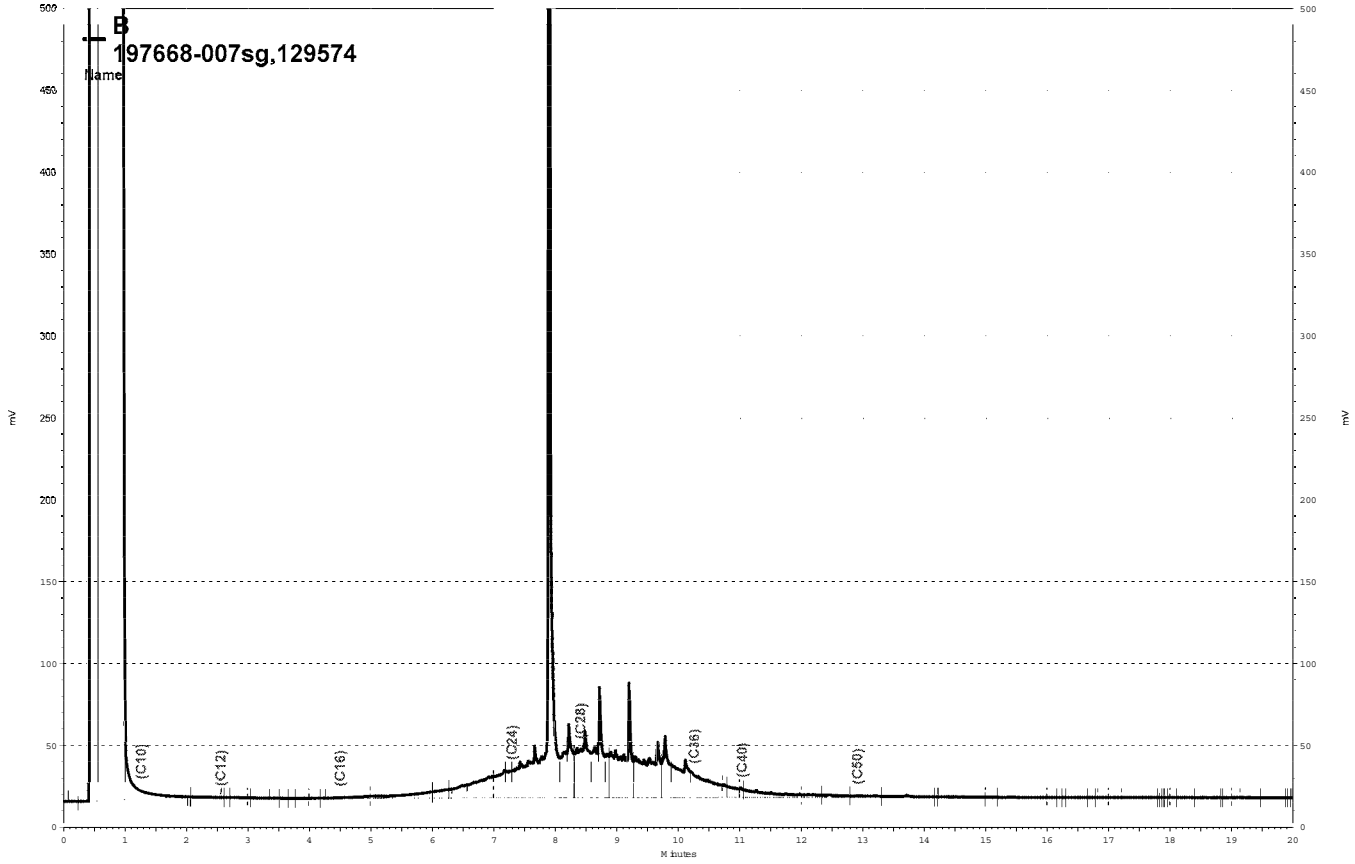

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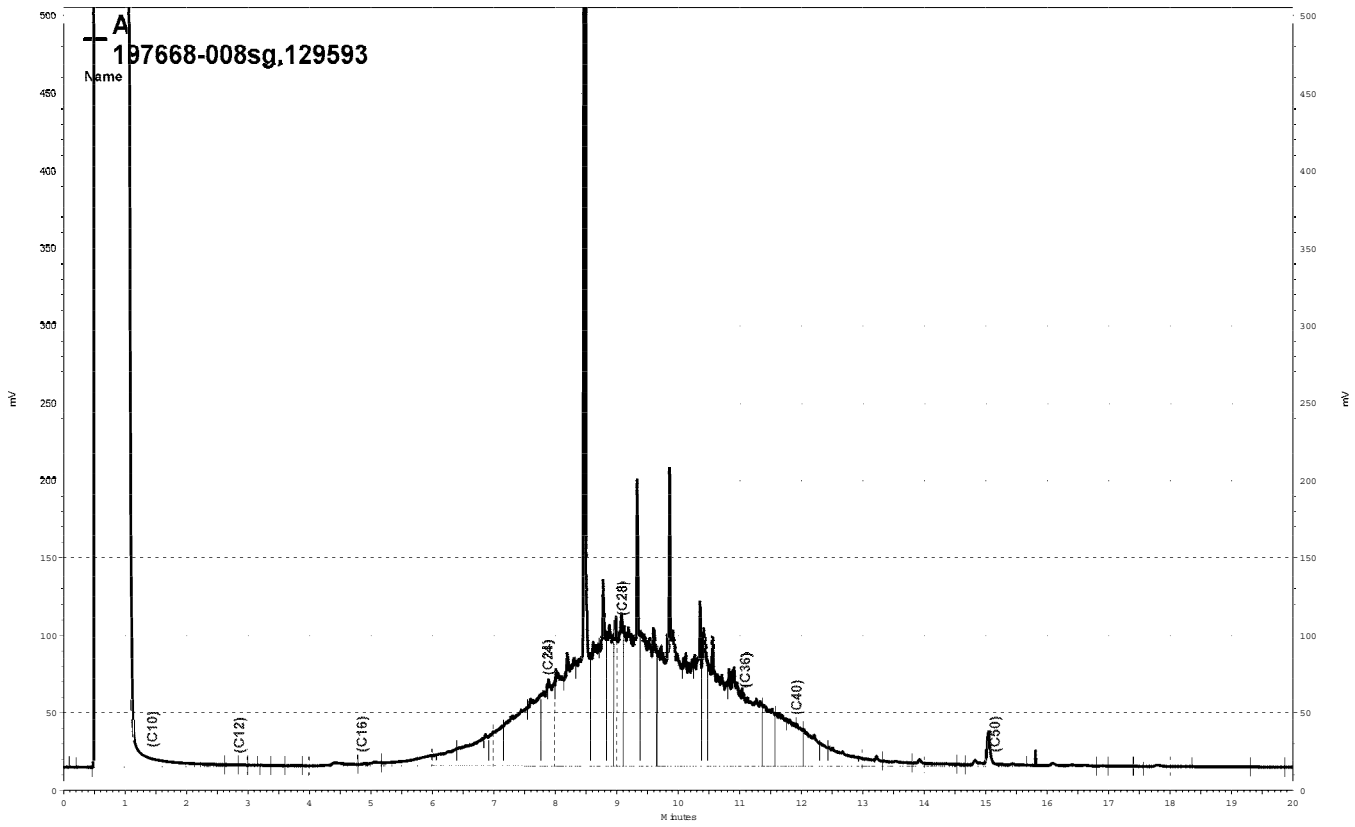

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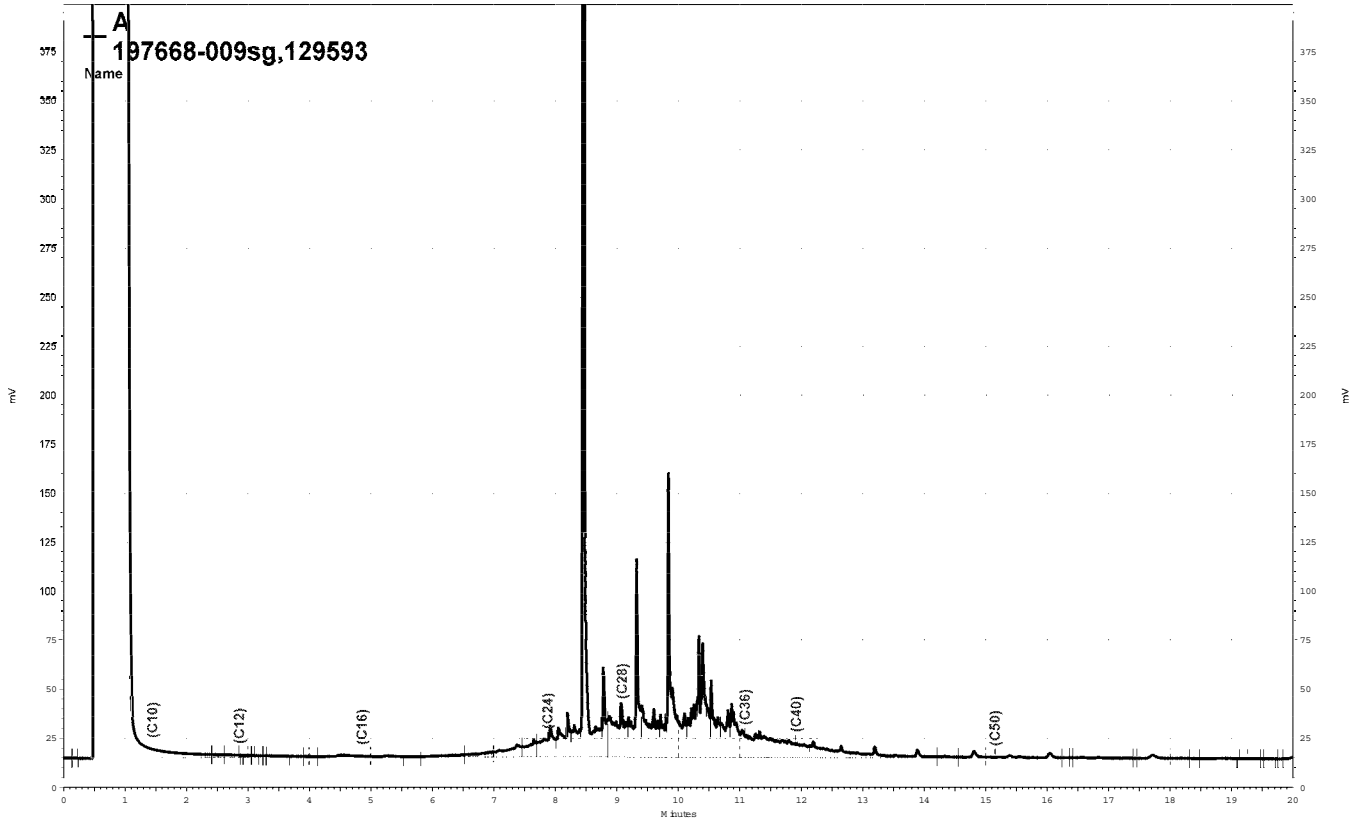

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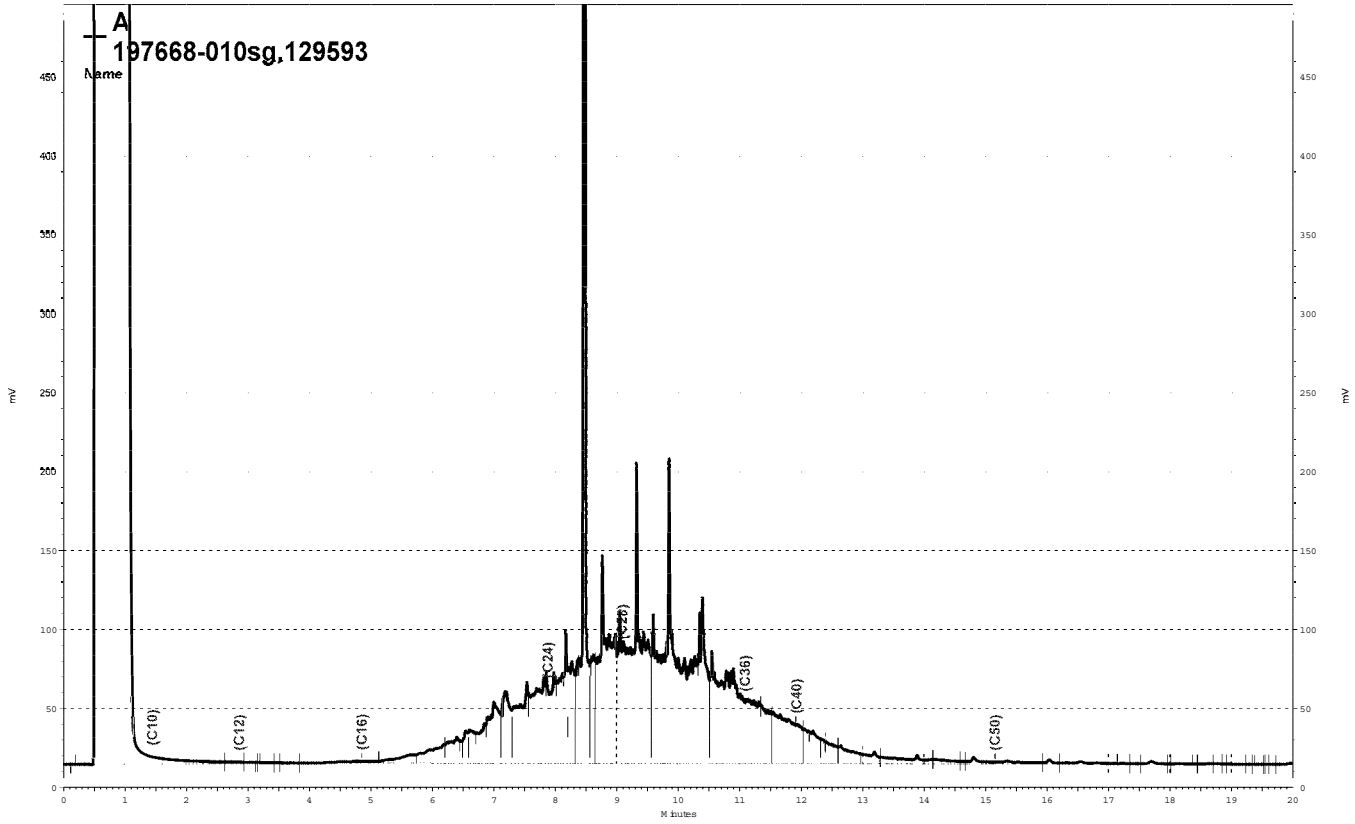

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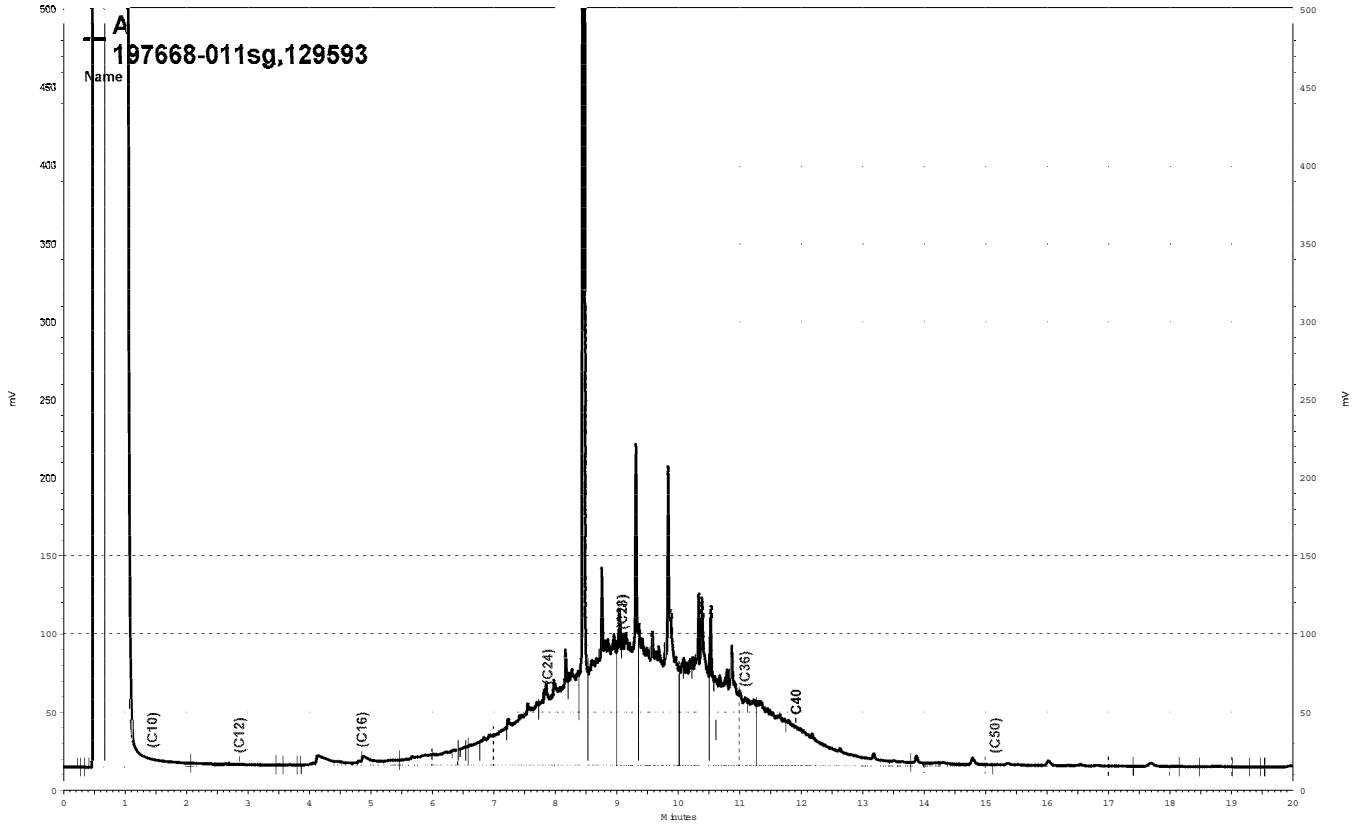

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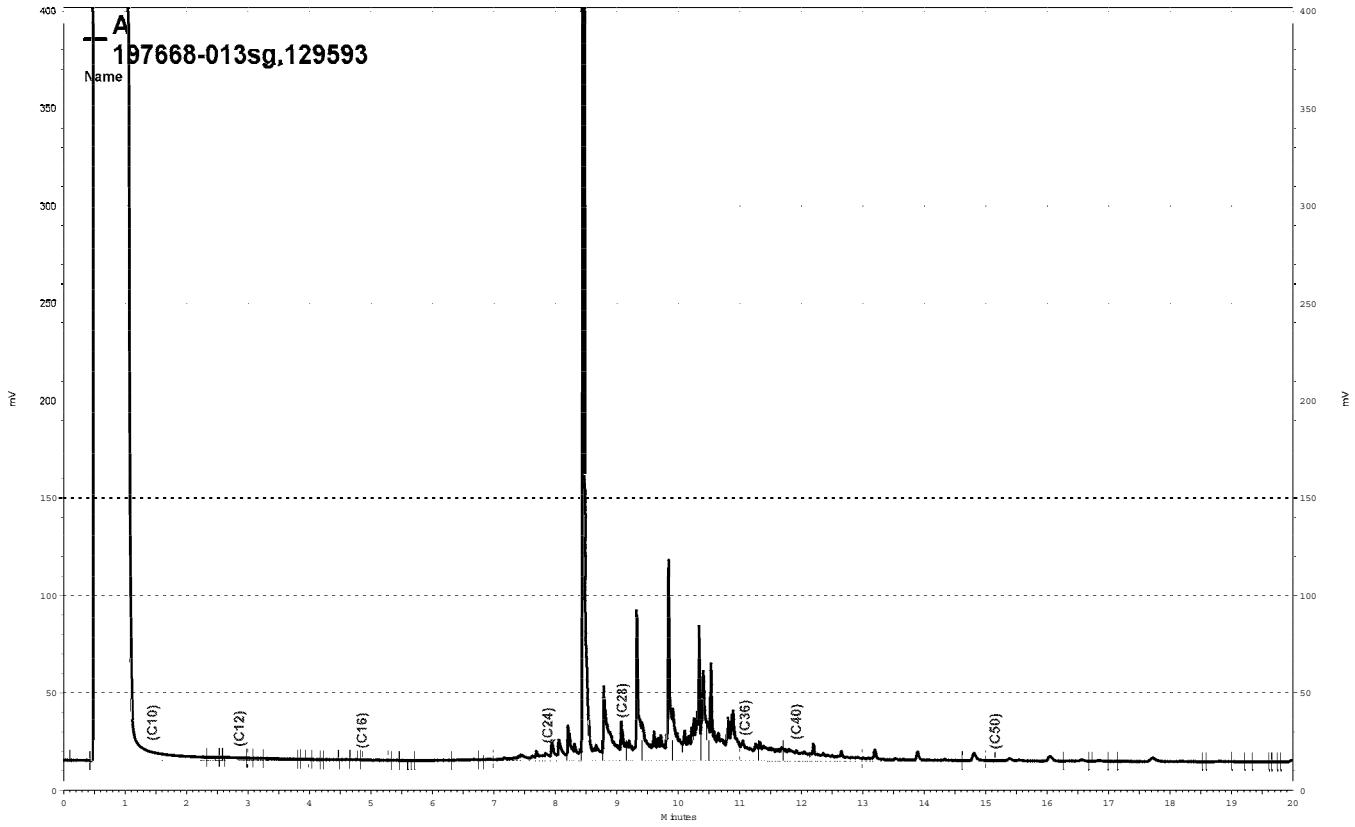

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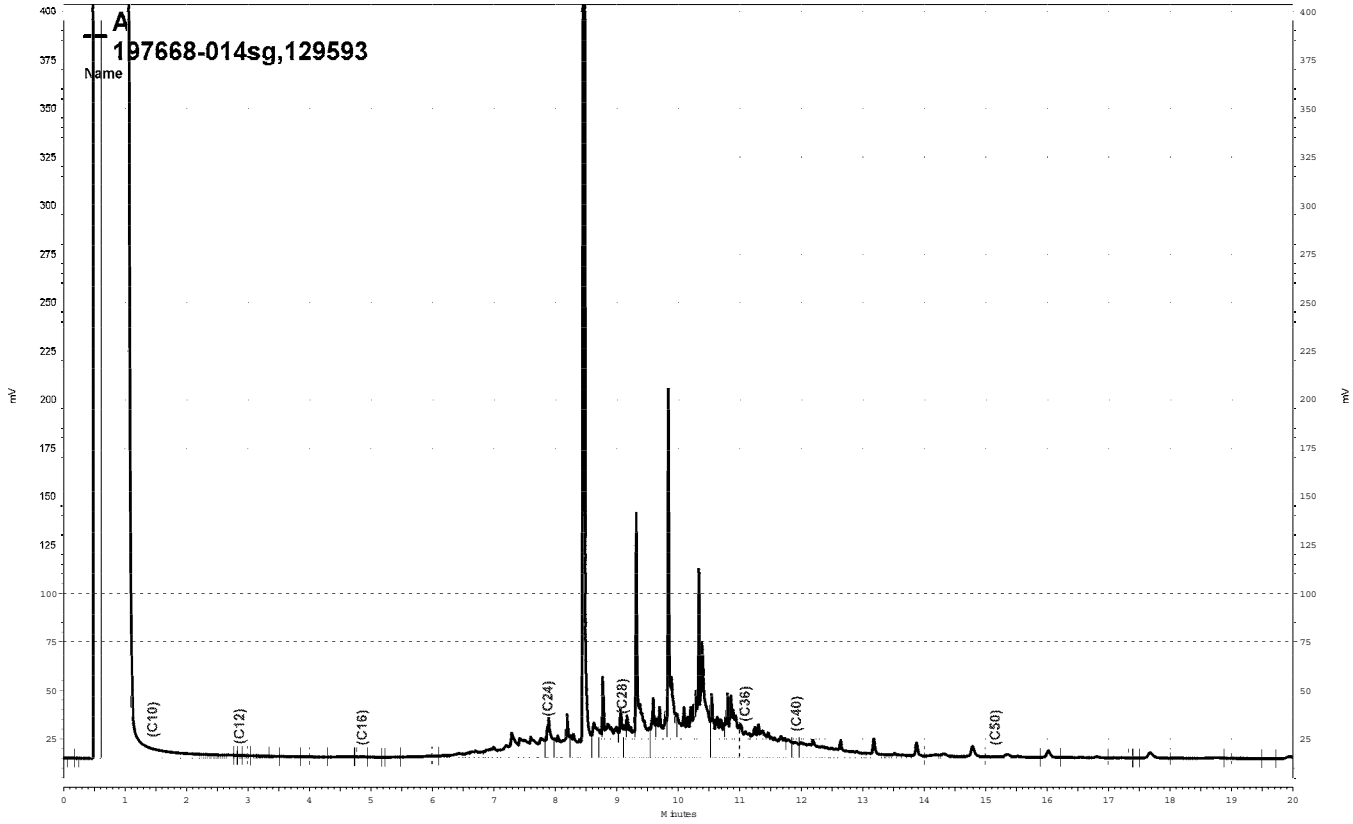

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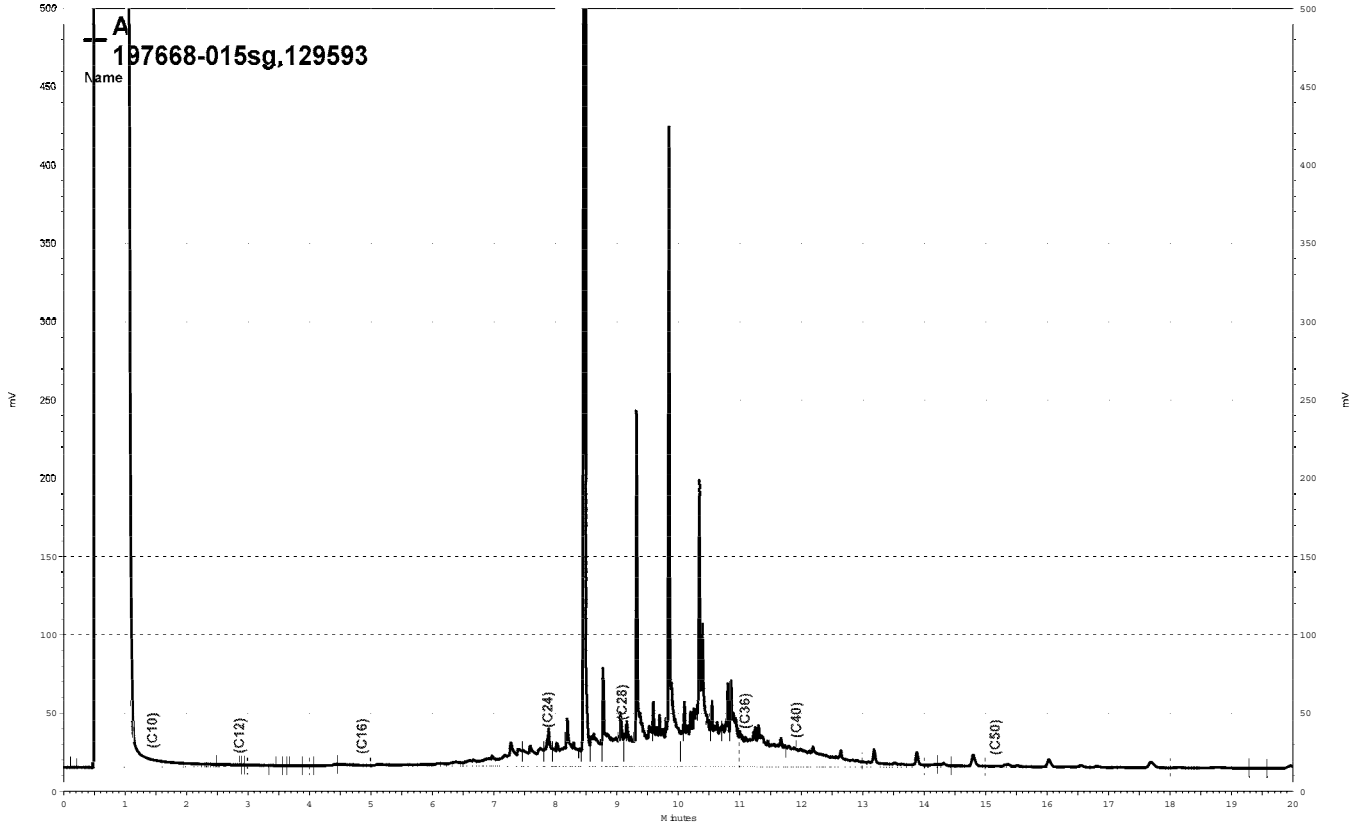

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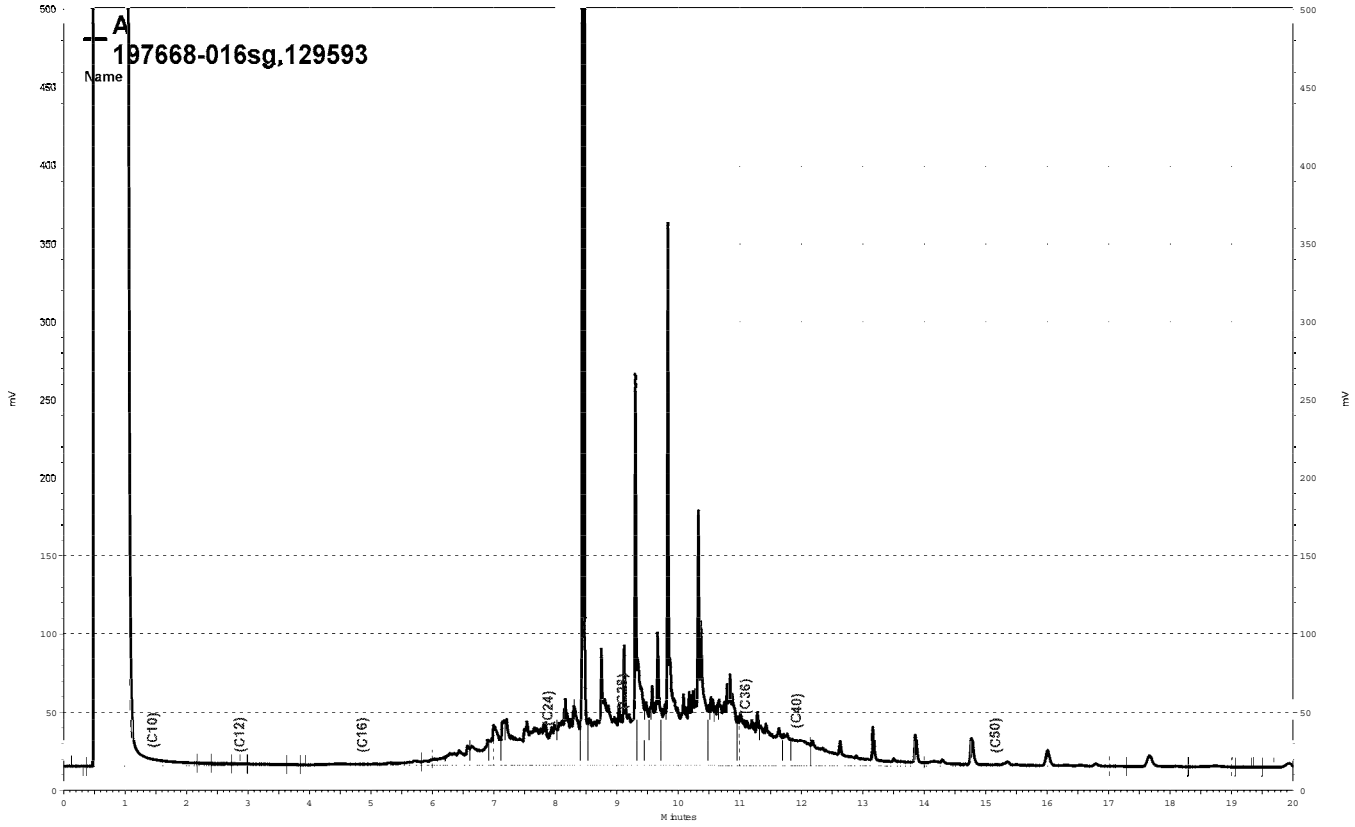

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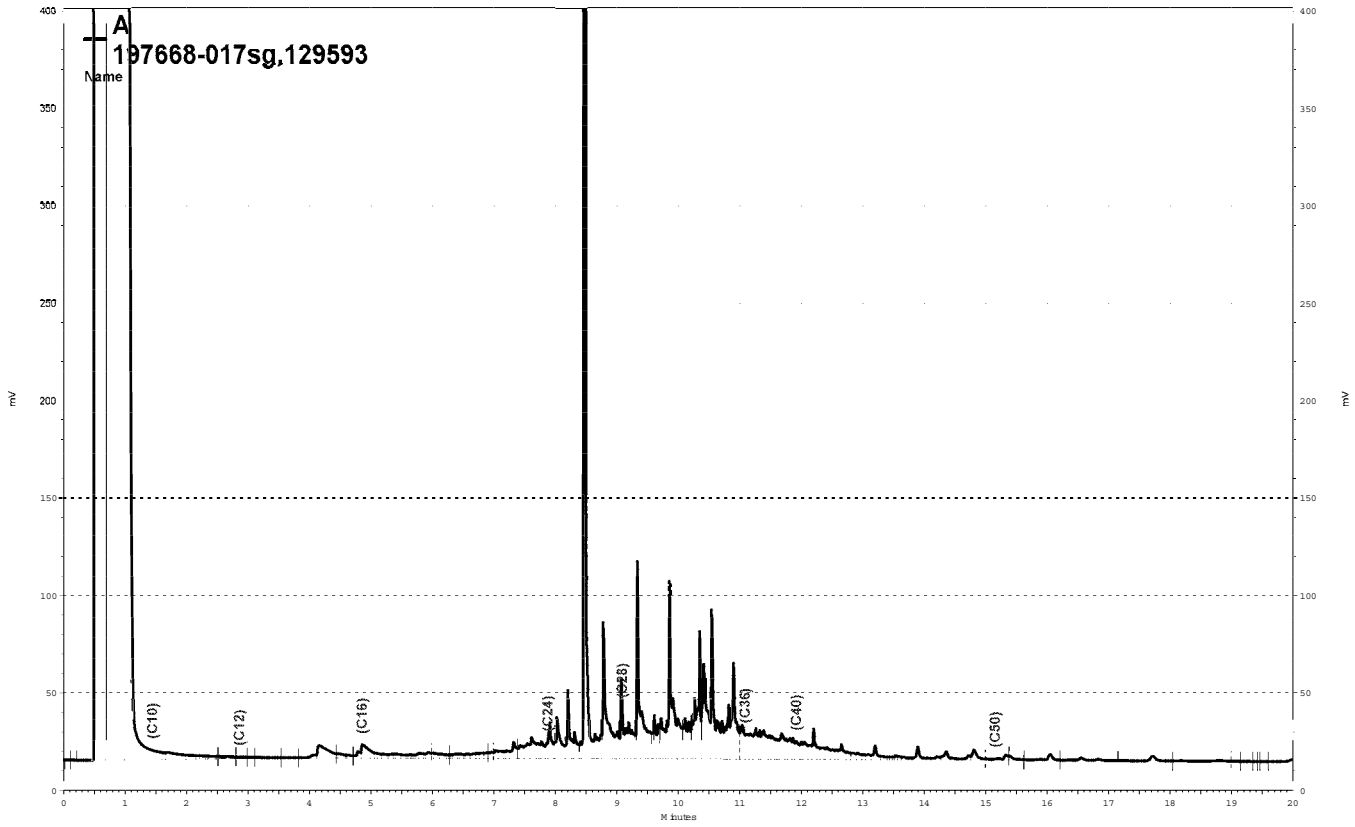

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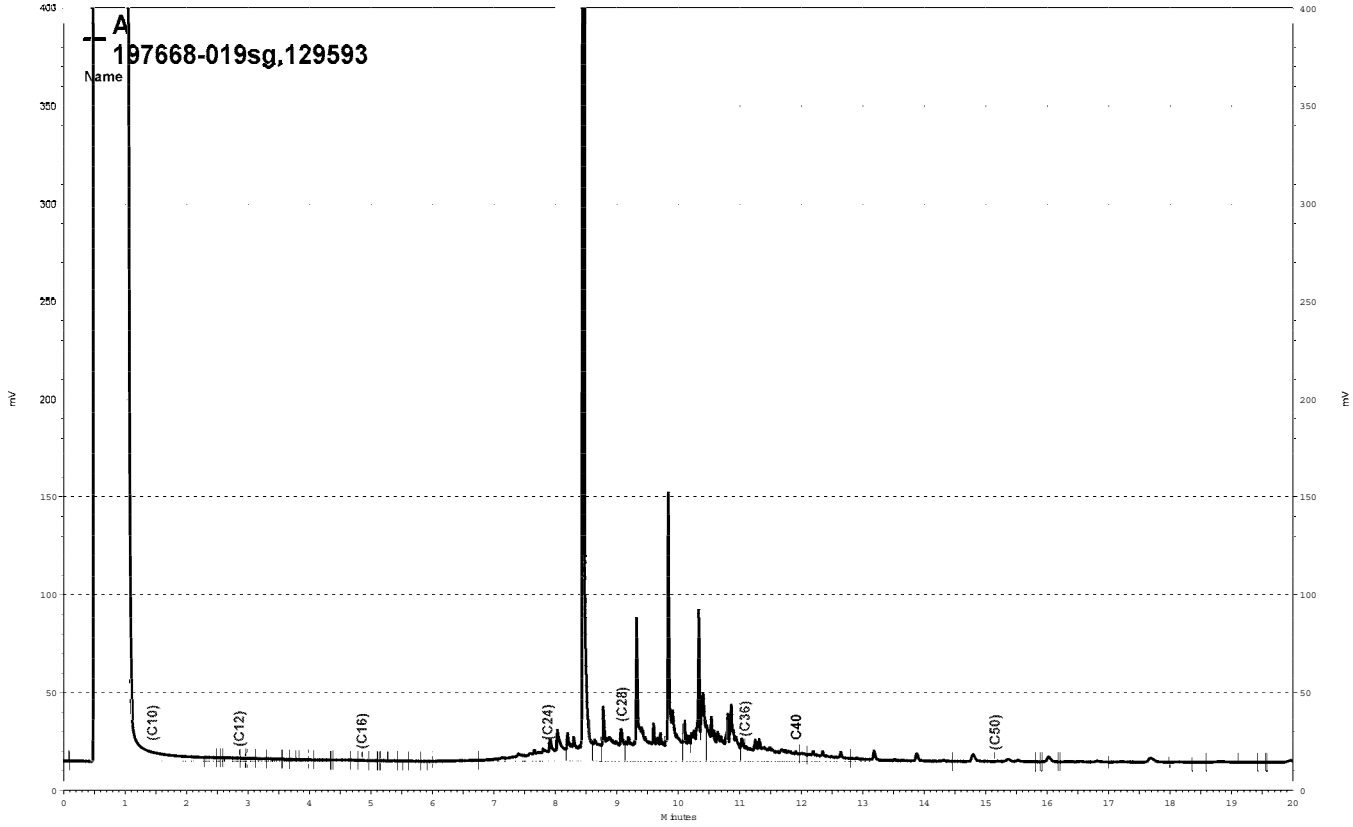

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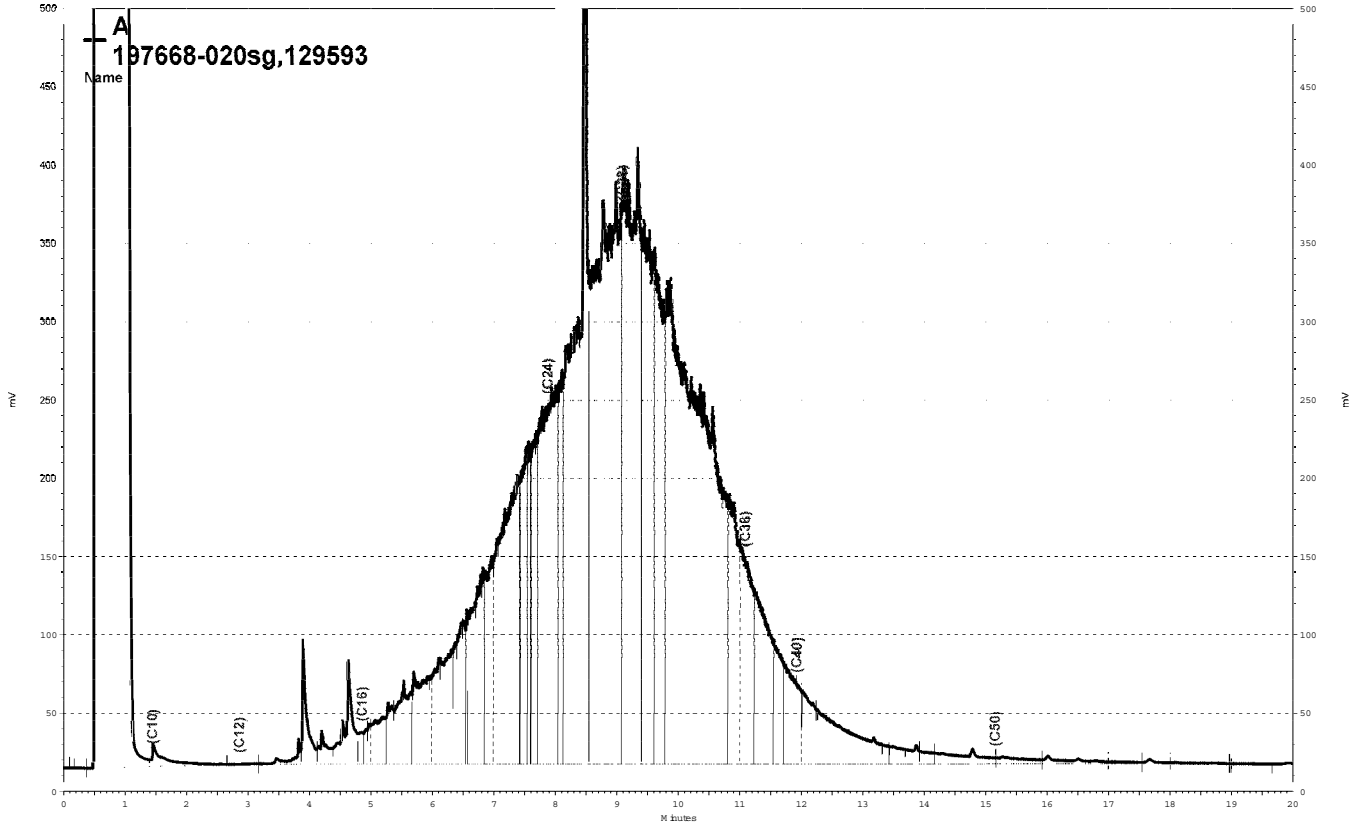

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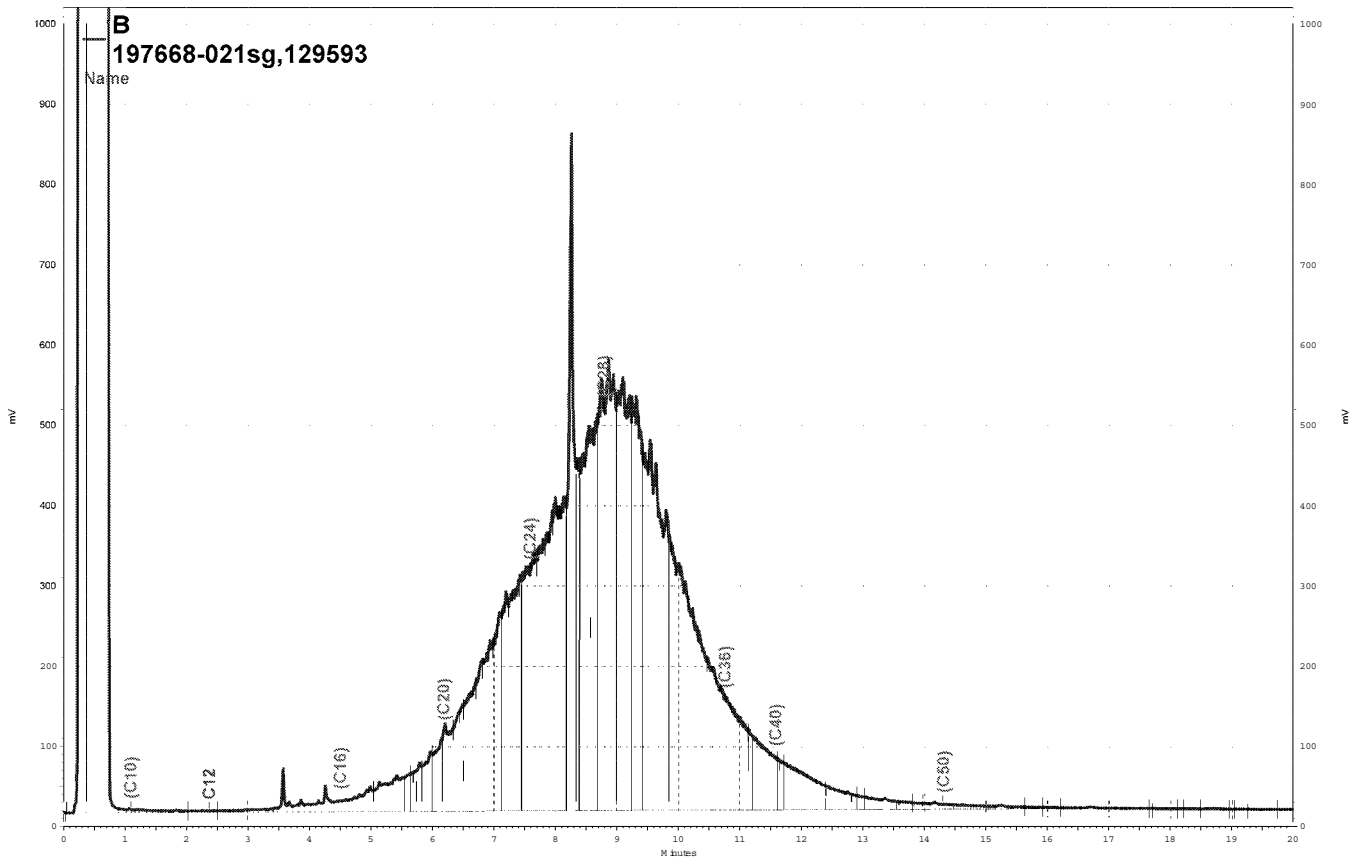

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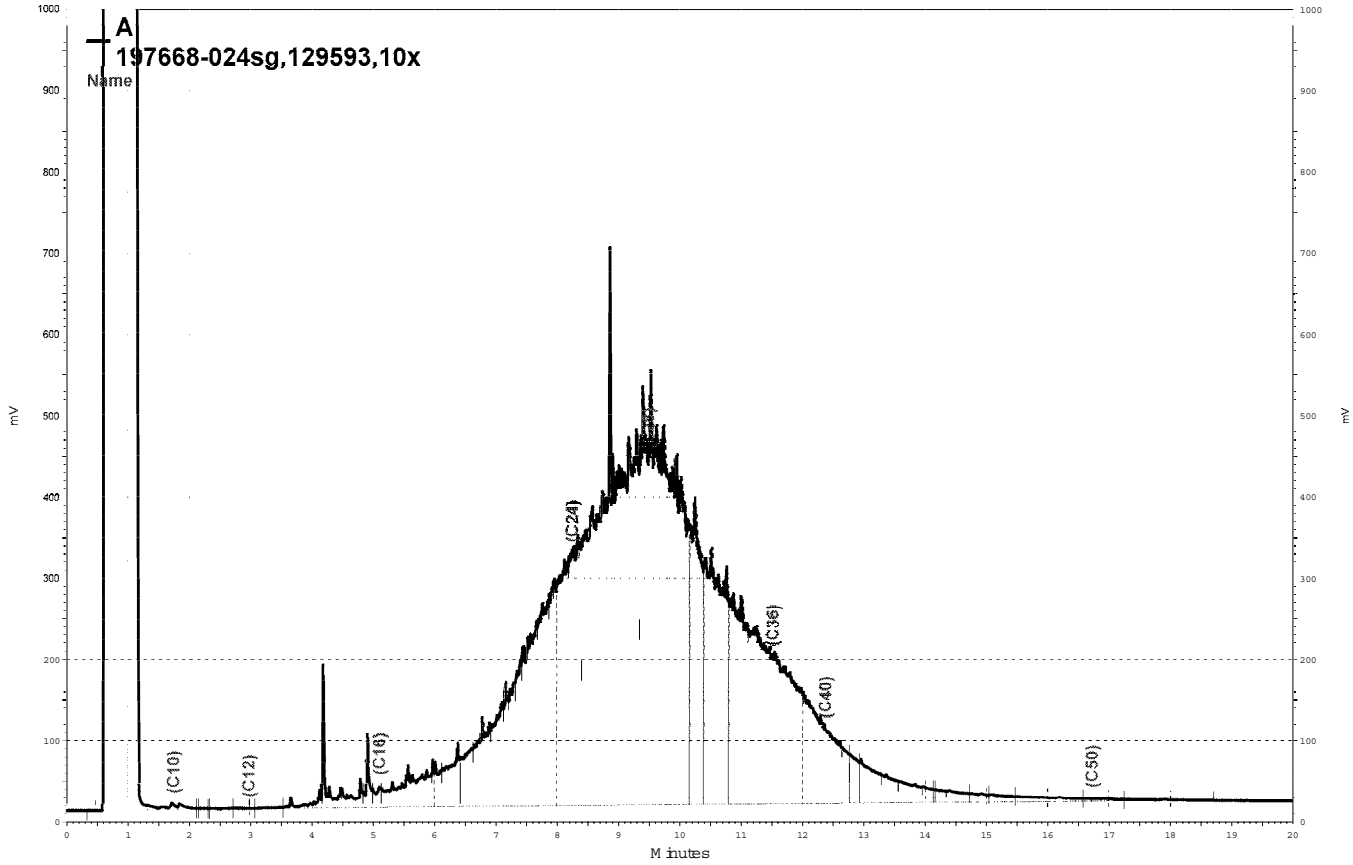

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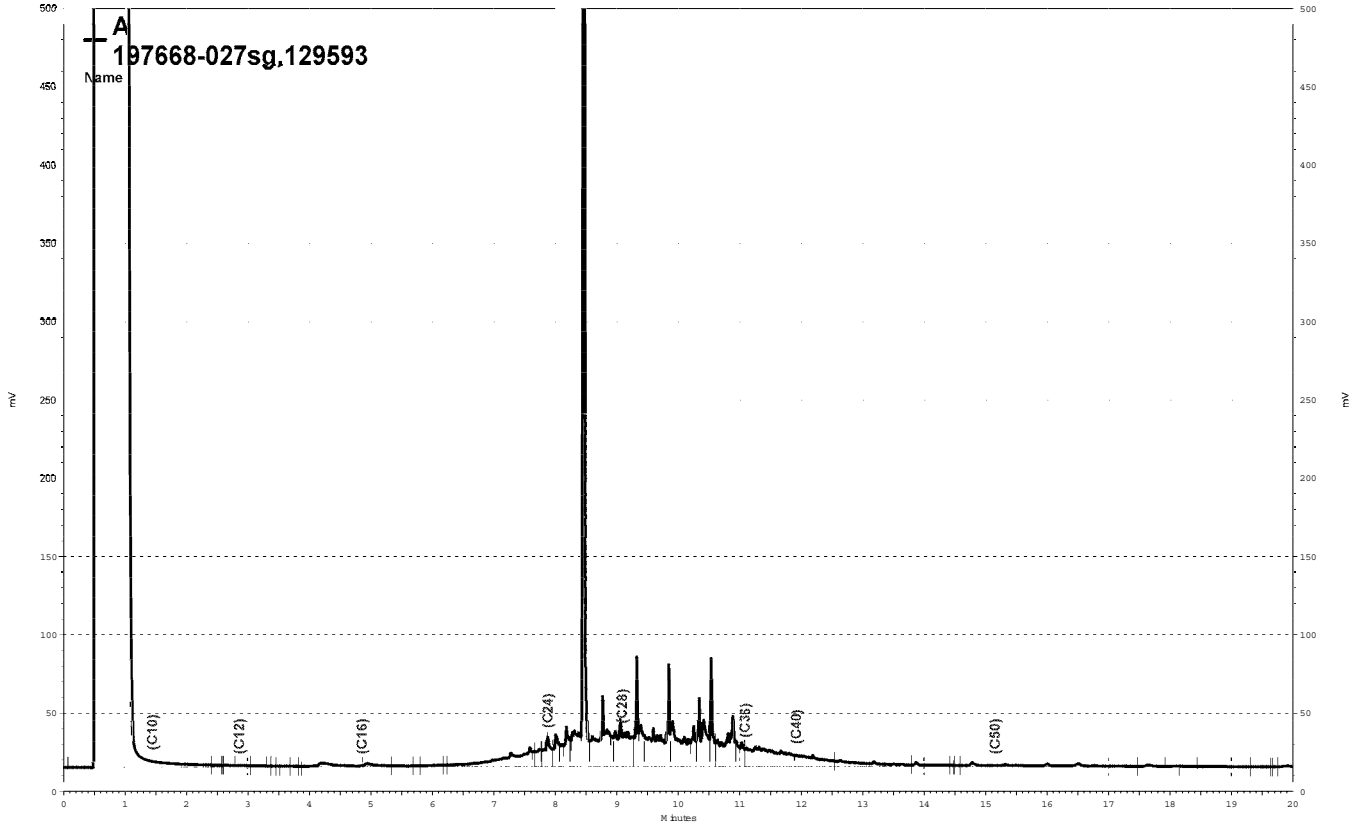

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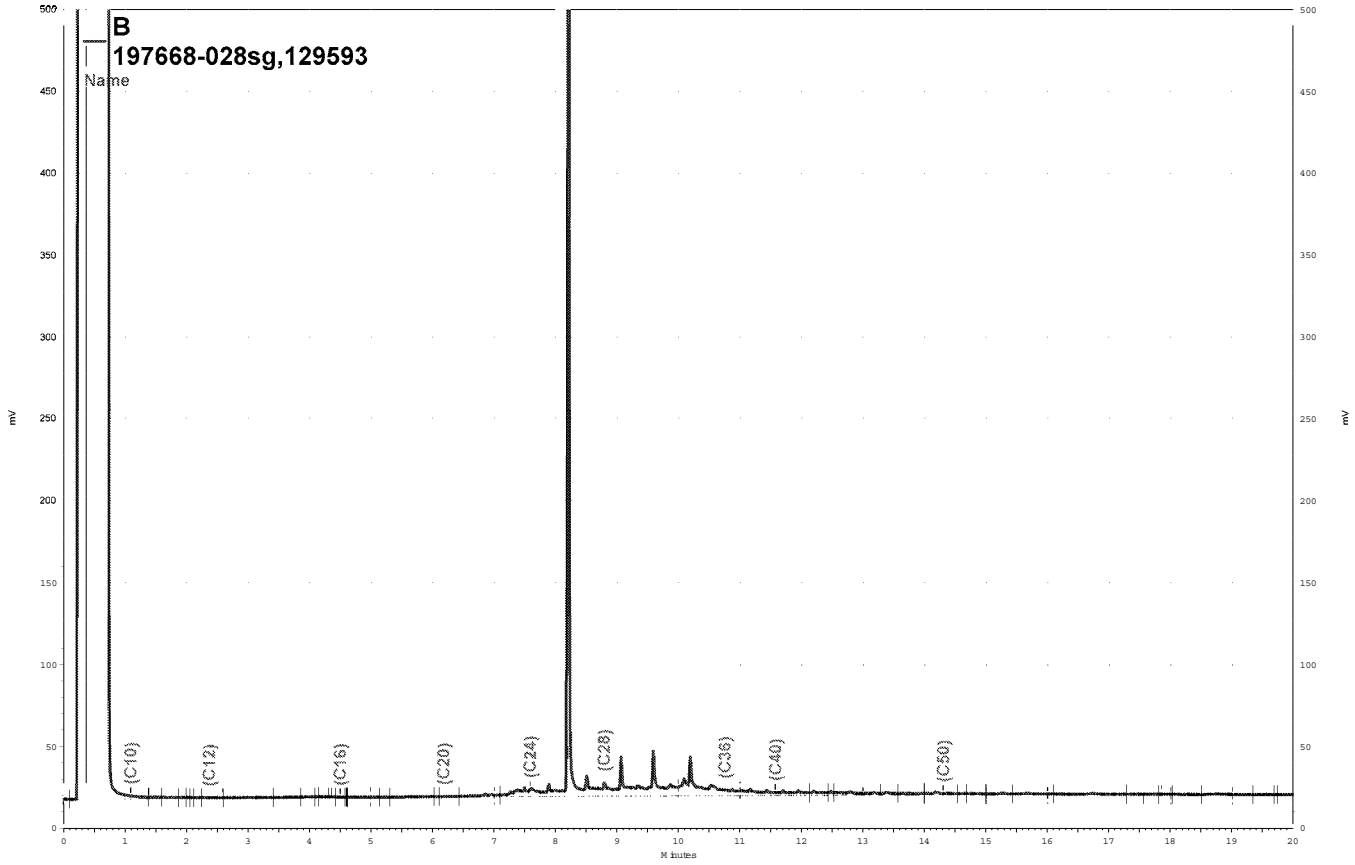

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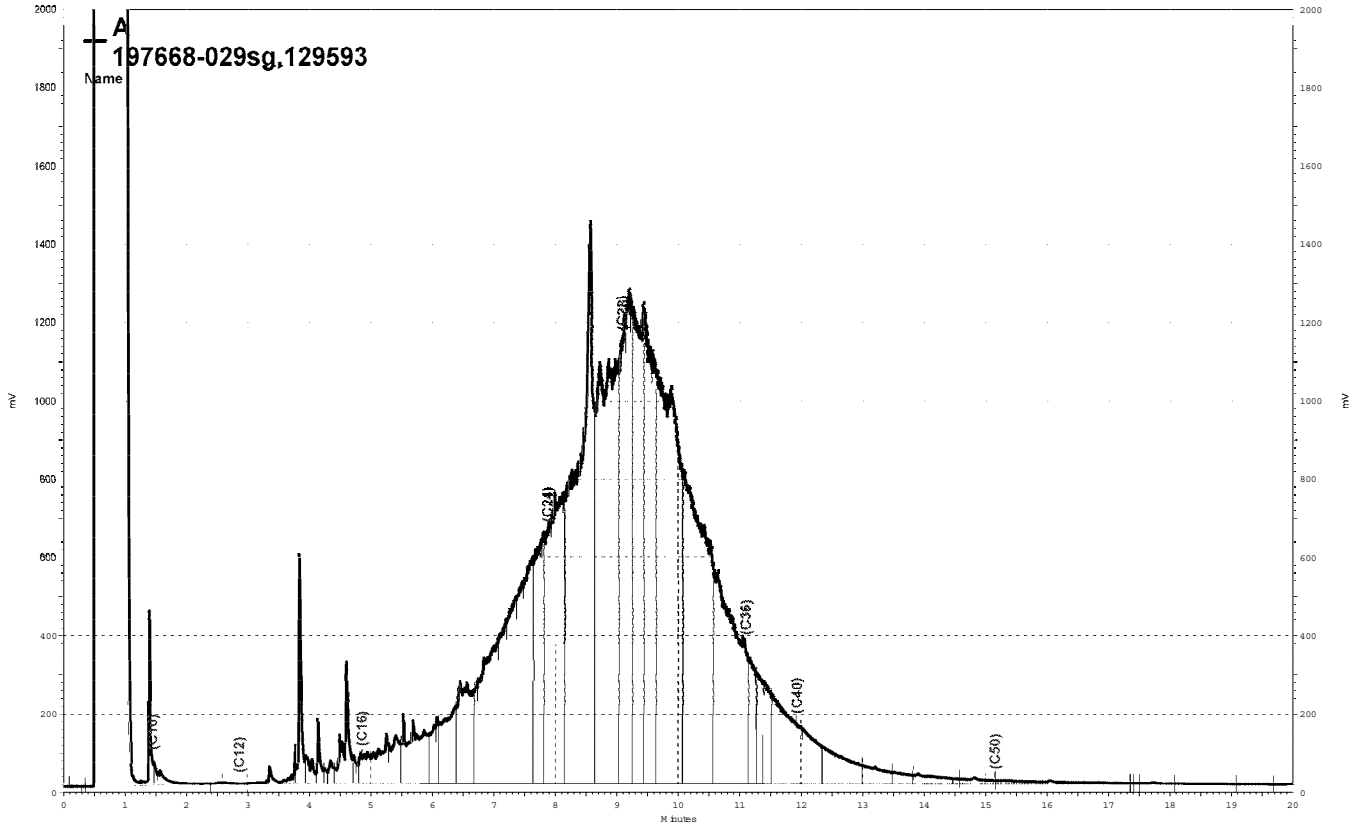

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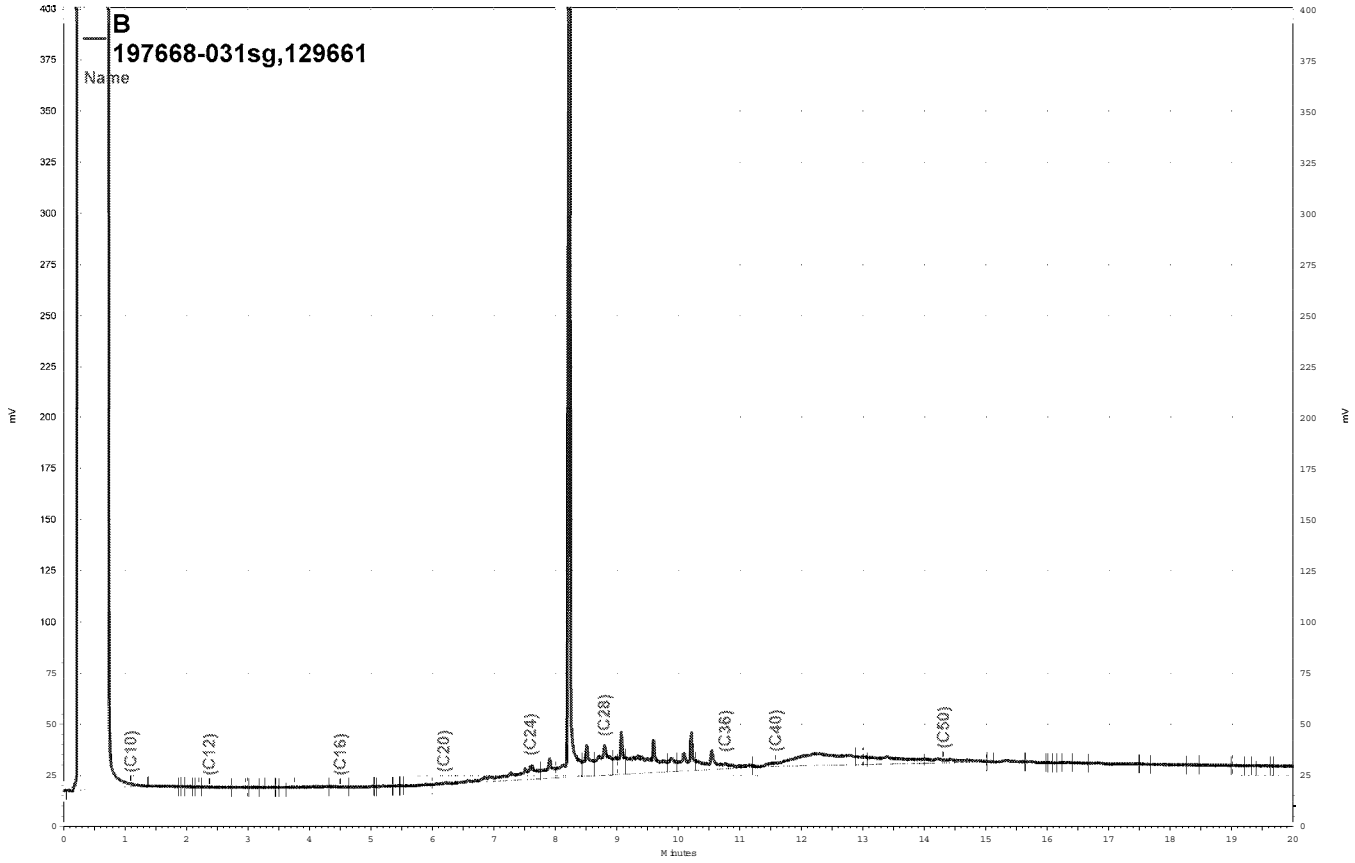

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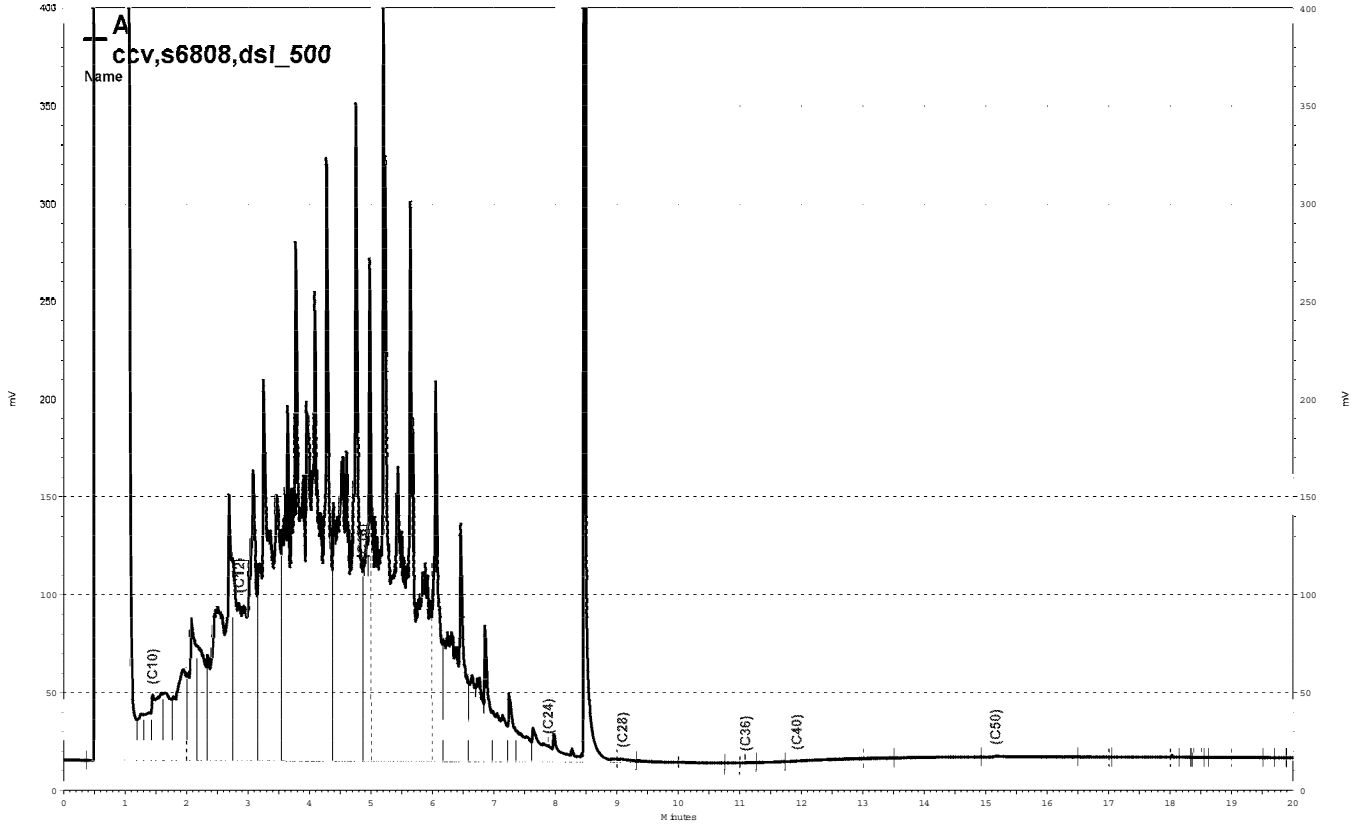

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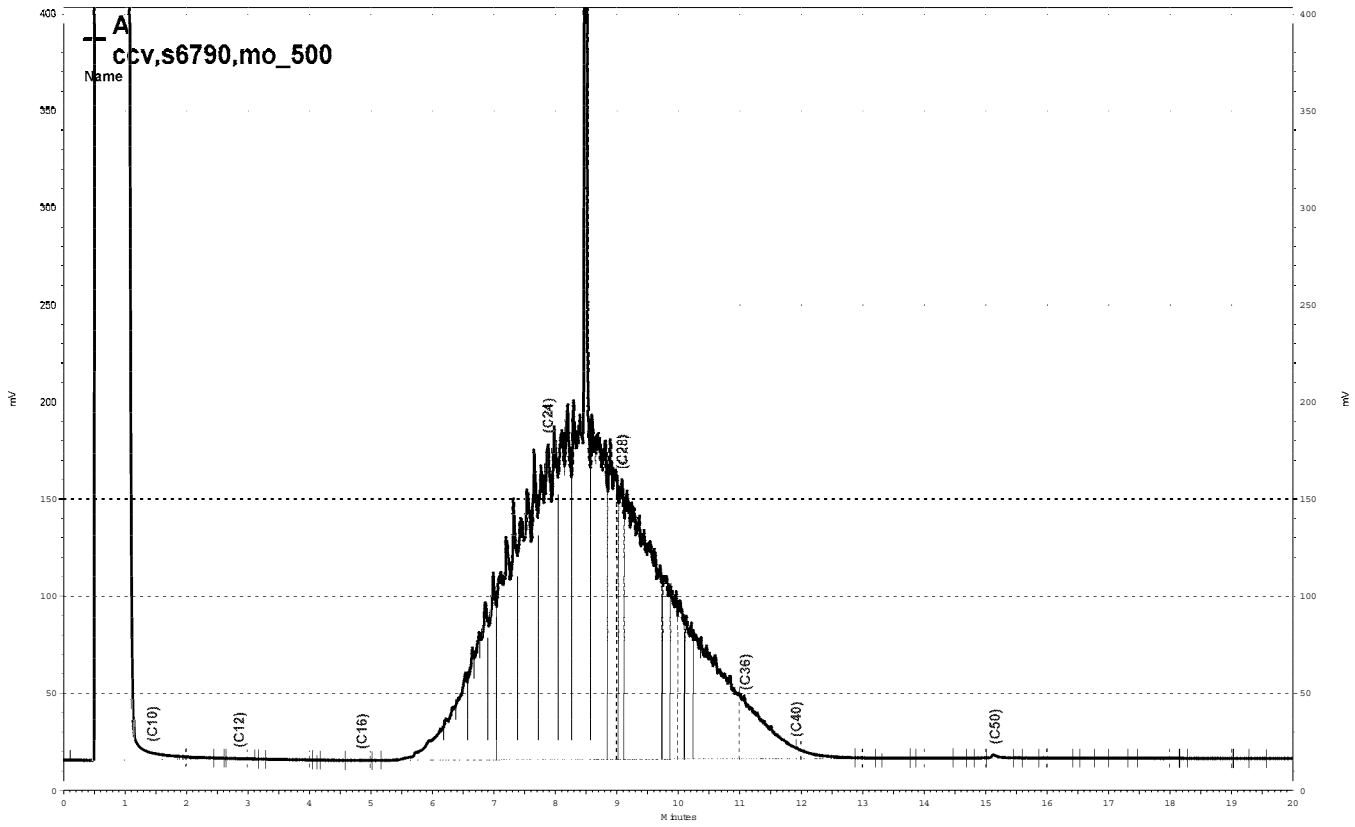

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Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	197668	Project#:	2842
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	1-1	Diln Fac:	1.000
Lab ID:	197668-001	Sampled:	09/14/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	1.0	0.50	129622	09/19/07	EPA 3050B	EPA 6010B
Arsenic	3.8	0.26	129622	09/19/07	EPA 3050B	EPA 6010B
Barium	170	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Beryllium	0.30	0.10	129622	09/19/07	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Chromium	59	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Cobalt	15	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Copper	31	0.26	129622	09/19/07	EPA 3050B	EPA 6010B
Lead	34	0.15	129622	09/19/07	EPA 3050B	EPA 6010B
Mercury	0.025	0.020	129598	09/18/07	METHOD	EPA 7471A
Molybdenum	ND	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Nickel	150	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Selenium	ND	0.50	129622	09/19/07	EPA 3050B	EPA 6010B
Silver	ND	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Thallium	ND	0.50	129622	09/19/07	EPA 3050B	EPA 6010B
Vanadium	25	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Zinc	47	1.0	129622	09/19/07	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	197668	Project#:	2842
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	1-2	Diln Fac:	1.000
Lab ID:	197668-002	Sampled:	09/14/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	ND	0.50	129622	09/19/07	EPA 3050B	EPA 6010B
Arsenic	4.2	0.27	129622	09/19/07	EPA 3050B	EPA 6010B
Barium	230	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Beryllium	0.36	0.10	129622	09/19/07	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Chromium	66	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Cobalt	17	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Copper	34	0.27	129622	09/19/07	EPA 3050B	EPA 6010B
Lead	6.7	0.15	129622	09/19/07	EPA 3050B	EPA 6010B
Mercury	0.043	0.020	129598	09/18/07	METHOD	EPA 7471A
Molybdenum	ND	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Nickel	170	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Selenium	ND	0.50	129622	09/19/07	EPA 3050B	EPA 6010B
Silver	ND	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Thallium	ND	0.50	129622	09/19/07	EPA 3050B	EPA 6010B
Vanadium	27	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Zinc	42	1.0	129622	09/19/07	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	197668	Project#:	2842
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	1-3	Diln Fac:	1.000
Lab ID:	197668-003	Sampled:	09/14/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	ND	0.50	129622	09/19/07	EPA 3050B	EPA 6010B
Arsenic	4.0	0.27	129622	09/19/07	EPA 3050B	EPA 6010B
Barium	220	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Beryllium	0.31	0.10	129622	09/19/07	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Chromium	58	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Cobalt	16	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Copper	32	0.27	129622	09/19/07	EPA 3050B	EPA 6010B
Lead	6.0	0.15	129622	09/19/07	EPA 3050B	EPA 6010B
Mercury	ND	0.020	129598	09/18/07	METHOD	EPA 7471A
Molybdenum	ND	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Nickel	160	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Selenium	ND	0.50	129622	09/19/07	EPA 3050B	EPA 6010B
Silver	ND	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Thallium	ND	0.50	129622	09/19/07	EPA 3050B	EPA 6010B
Vanadium	24	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Zinc	51	1.0	129622	09/19/07	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	197668	Project#:	2842
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	1-4	Diln Fac:	1.000
Lab ID:	197668-004	Sampled:	09/14/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	ND	0.50	129622	09/19/07	EPA 3050B	EPA 6010B
Arsenic	4.3	0.28	129622	09/19/07	EPA 3050B	EPA 6010B
Barium	210	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Beryllium	0.35	0.10	129622	09/19/07	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Chromium	66	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Cobalt	18	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Copper	35	0.28	129622	09/19/07	EPA 3050B	EPA 6010B
Lead	6.9	0.15	129622	09/19/07	EPA 3050B	EPA 6010B
Mercury	ND	0.020	129598	09/18/07	METHOD	EPA 7471A
Molybdenum	ND	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Nickel	170	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Selenium	ND	0.50	129622	09/19/07	EPA 3050B	EPA 6010B
Silver	ND	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Thallium	ND	0.50	129622	09/19/07	EPA 3050B	EPA 6010B
Vanadium	27	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Zinc	44	1.0	129622	09/19/07	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	197668	Project#:	2842
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	1-5A	Diln Fac:	1.000
Lab ID:	197668-005	Sampled:	09/14/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	ND	0.50	129622	09/19/07	EPA 3050B	EPA 6010B
Arsenic	4.4	0.27	129622	09/19/07	EPA 3050B	EPA 6010B
Barium	180	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Beryllium	0.35	0.10	129622	09/19/07	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Chromium	65	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Cobalt	17	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Copper	36	0.27	129622	09/19/07	EPA 3050B	EPA 6010B
Lead	9.9	0.15	129622	09/19/07	EPA 3050B	EPA 6010B
Mercury	0.039	0.020	129598	09/18/07	METHOD	EPA 7471A
Molybdenum	ND	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Nickel	170	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Selenium	ND	0.50	129622	09/19/07	EPA 3050B	EPA 6010B
Silver	ND	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Thallium	ND	0.50	129622	09/19/07	EPA 3050B	EPA 6010B
Vanadium	27	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Zinc	49	1.0	129622	09/19/07	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	197668	Project#:	2842
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	2-1	Diln Fac:	1.000
Lab ID:	197668-007	Sampled:	09/14/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	ND	0.50	129622	09/19/07	EPA 3050B	EPA 6010B
Arsenic	5.2	0.28	129622	09/19/07	EPA 3050B	EPA 6010B
Barium	230	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Beryllium	0.40	0.10	129622	09/19/07	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Chromium	73	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Cobalt	19	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Copper	39	0.28	129622	09/19/07	EPA 3050B	EPA 6010B
Lead	7.5	0.15	129622	09/19/07	EPA 3050B	EPA 6010B
Mercury	0.022	0.020	129598	09/18/07	METHOD	EPA 7471A
Molybdenum	0.40	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Nickel	190	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Selenium	ND	0.50	129622	09/19/07	EPA 3050B	EPA 6010B
Silver	ND	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Thallium	ND	0.50	129622	09/19/07	EPA 3050B	EPA 6010B
Vanadium	30	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Zinc	51	1.0	129622	09/19/07	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	197668	Project#:	2842
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	2-2	Diln Fac:	1.000
Lab ID:	197668-008	Sampled:	09/14/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	ND	0.50	129622	09/19/07	EPA 3050B	EPA 6010B
Arsenic	5.1	0.28	129622	09/19/07	EPA 3050B	EPA 6010B
Barium	240	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Beryllium	0.38	0.10	129622	09/19/07	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Chromium	73	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Cobalt	19	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Copper	39	0.28	129622	09/19/07	EPA 3050B	EPA 6010B
Lead	7.6	0.15	129622	09/19/07	EPA 3050B	EPA 6010B
Mercury	0.35	0.020	129598	09/18/07	METHOD	EPA 7471A
Molybdenum	0.56	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Nickel	190	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Selenium	ND	0.50	129622	09/19/07	EPA 3050B	EPA 6010B
Silver	ND	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Thallium	ND	0.50	129622	09/19/07	EPA 3050B	EPA 6010B
Vanadium	30	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Zinc	55	1.0	129622	09/19/07	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	197668	Project#:	2842
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	2-3	Diln Fac:	1.000
Lab ID:	197668-009	Sampled:	09/14/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	ND	0.50	129622	09/19/07	EPA 3050B	EPA 6010B
Arsenic	4.3	0.27	129622	09/19/07	EPA 3050B	EPA 6010B
Barium	200	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Beryllium	0.32	0.10	129622	09/19/07	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Chromium	61	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Cobalt	16	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Copper	33	0.27	129622	09/19/07	EPA 3050B	EPA 6010B
Lead	6.0	0.15	129622	09/19/07	EPA 3050B	EPA 6010B
Mercury	0.023	0.020	129598	09/18/07	METHOD	EPA 7471A
Molybdenum	ND	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Nickel	160	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Selenium	ND	0.50	129622	09/19/07	EPA 3050B	EPA 6010B
Silver	ND	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Thallium	ND	0.50	129622	09/19/07	EPA 3050B	EPA 6010B
Vanadium	26	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Zinc	44	1.0	129622	09/19/07	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	197668	Project#:	2842
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	2-4	Diln Fac:	1.000
Lab ID:	197668-010	Sampled:	09/14/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	0.53	0.50	129622	09/19/07	EPA 3050B	EPA 6010B
Arsenic	4.8	0.29	129622	09/19/07	EPA 3050B	EPA 6010B
Barium	210	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Beryllium	0.36	0.10	129622	09/19/07	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Chromium	70	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Cobalt	18	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Copper	36	0.29	129622	09/19/07	EPA 3050B	EPA 6010B
Lead	7.8	0.15	129622	09/19/07	EPA 3050B	EPA 6010B
Mercury	0.041	0.020	129599	09/18/07	METHOD	EPA 7471A
Molybdenum	0.33	0.25	129622	09/20/07	EPA 3050B	EPA 6010B
Nickel	180	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Selenium	ND	0.50	129622	09/19/07	EPA 3050B	EPA 6010B
Silver	ND	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Thallium	ND	0.50	129622	09/19/07	EPA 3050B	EPA 6010B
Vanadium	29	0.25	129622	09/19/07	EPA 3050B	EPA 6010B
Zinc	63	1.0	129622	09/19/07	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	197668	Project#:	2842
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	2-5A	Diln Fac:	1.000
Lab ID:	197668-011	Sampled:	09/14/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Arsenic	5.7	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Barium	220	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Beryllium	0.32	0.10	129620	09/20/07	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Chromium	64	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Cobalt	18	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Copper	30	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Lead	7.7	0.23	129620	09/20/07	EPA 3050B	EPA 6010B
Mercury	0.083	0.020	129599	09/18/07	METHOD	EPA 7471A
Molybdenum	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Nickel	170	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Selenium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Silver	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Thallium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Vanadium	27	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Zinc	52	1.0	129620	09/20/07	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	197668	Project#:	2842
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	3-1	Diln Fac:	1.000
Lab ID:	197668-013	Sampled:	09/14/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Arsenic	6.2	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Barium	240	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Beryllium	0.34	0.10	129620	09/20/07	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Chromium	65	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Cobalt	18	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Copper	29	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Lead	7.6	0.21	129620	09/20/07	EPA 3050B	EPA 6010B
Mercury	0.091	0.020	129599	09/18/07	METHOD	EPA 7471A
Molybdenum	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Nickel	170	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Selenium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Silver	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Thallium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Vanadium	29	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Zinc	45	1.0	129620	09/20/07	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	197668	Project#:	2842
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	3-2	Diln Fac:	1.000
Lab ID:	197668-014	Sampled:	09/14/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Arsenic	5.6	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Barium	210	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Beryllium	0.30	0.10	129620	09/20/07	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Chromium	59	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Cobalt	16	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Copper	28	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Lead	8.3	0.22	129620	09/20/07	EPA 3050B	EPA 6010B
Mercury	0.068	0.020	129599	09/18/07	METHOD	EPA 7471A
Molybdenum	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Nickel	160	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Selenium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Silver	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Thallium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Vanadium	25	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Zinc	56	1.0	129620	09/20/07	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	197668	Project#:	2842
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	3-3	Diln Fac:	1.000
Lab ID:	197668-015	Sampled:	09/14/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Arsenic	5.8	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Barium	220	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Beryllium	0.32	0.10	129620	09/20/07	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Chromium	62	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Cobalt	17	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Copper	29	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Lead	7.2	0.22	129620	09/20/07	EPA 3050B	EPA 6010B
Mercury	0.028	0.020	129599	09/18/07	METHOD	EPA 7471A
Molybdenum	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Nickel	160	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Selenium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Silver	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Thallium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Vanadium	26	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Zinc	52	1.0	129620	09/20/07	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	197668	Project#:	2842
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	3-4	Diln Fac:	1.000
Lab ID:	197668-016	Sampled:	09/14/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Arsenic	6.0	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Barium	210	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Beryllium	0.32	0.10	129620	09/20/07	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Chromium	61	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Cobalt	17	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Copper	30	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Lead	11	0.23	129620	09/20/07	EPA 3050B	EPA 6010B
Mercury	0.035	0.020	129599	09/18/07	METHOD	EPA 7471A
Molybdenum	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Nickel	150	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Selenium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Silver	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Thallium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Vanadium	27	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Zinc	83	1.0	129620	09/20/07	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	197668	Project#:	2842
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	3-5A	Diln Fac:	1.000
Lab ID:	197668-017	Sampled:	09/14/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Arsenic	5.7	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Barium	230	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Beryllium	0.34	0.10	129620	09/20/07	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Chromium	66	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Cobalt	18	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Copper	27	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Lead	8.3	0.21	129620	09/20/07	EPA 3050B	EPA 6010B
Mercury	0.031	0.020	129599	09/18/07	METHOD	EPA 7471A
Molybdenum	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Nickel	170	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Selenium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Silver	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Thallium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Vanadium	28	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Zinc	53	1.0	129620	09/20/07	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	197668	Project#:	2842
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	4A-5	Diln Fac:	1.000
Lab ID:	197668-019	Sampled:	09/14/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Arsenic	5.0	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Barium	190	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Beryllium	0.31	0.10	129620	09/20/07	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Chromium	51	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Cobalt	15	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Copper	26	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Lead	6.3	0.21	129620	09/20/07	EPA 3050B	EPA 6010B
Mercury	ND	0.020	129599	09/18/07	METHOD	EPA 7471A
Molybdenum	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Nickel	120	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Selenium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Silver	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Thallium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Vanadium	26	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Zinc	42	1.0	129620	09/20/07	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	197668	Project#:	2842
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	4A-6	Diln Fac:	1.000
Lab ID:	197668-020	Sampled:	09/14/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Arsenic	5.6	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Barium	210	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Beryllium	0.34	0.10	129620	09/20/07	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Chromium	66	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Cobalt	16	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Copper	29	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Lead	13	0.22	129620	09/20/07	EPA 3050B	EPA 6010B
Mercury	0.31	0.020	129599	09/18/07	METHOD	EPA 7471A
Molybdenum	0.76	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Nickel	170	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Selenium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Silver	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Thallium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Vanadium	28	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Zinc	50	1.0	129620	09/20/07	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	197668	Project#:	2842
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	4B-1 @3.5	Diln Fac:	1.000
Lab ID:	197668-021	Sampled:	09/14/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Arsenic	5.4	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Barium	210	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Beryllium	0.30	0.10	129620	09/20/07	EPA 3050B	EPA 6010B
Cadmium	0.47	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Chromium	57	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Cobalt	15	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Copper	31	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Lead	27	0.22	129620	09/20/07	EPA 3050B	EPA 6010B
Mercury	0.022	0.020	129599	09/18/07	METHOD	EPA 7471A
Molybdenum	0.75	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Nickel	130	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Selenium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Silver	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Thallium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Vanadium	26	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Zinc	59	1.0	129620	09/20/07	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	197668	Project#:	2842
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	4B-2	Diln Fac:	1.000
Lab ID:	197668-022	Sampled:	09/14/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Arsenic	5.7	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Barium	190	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Beryllium	0.32	0.10	129620	09/20/07	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Chromium	64	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Cobalt	17	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Copper	27	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Lead	6.5	0.22	129620	09/20/07	EPA 3050B	EPA 6010B
Mercury	0.050	0.020	129599	09/18/07	METHOD	EPA 7471A
Molybdenum	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Nickel	160	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Selenium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Silver	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Thallium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Vanadium	27	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Zinc	40	1.0	129620	09/20/07	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	197668	Project#:	2842
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	4B-3	Diln Fac:	1.000
Lab ID:	197668-023	Sampled:	09/14/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Arsenic	5.3	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Barium	190	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Beryllium	0.32	0.10	129620	09/20/07	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Chromium	58	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Cobalt	17	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Copper	27	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Lead	6.4	0.22	129620	09/20/07	EPA 3050B	EPA 6010B
Mercury	0.039	0.020	129599	09/18/07	METHOD	EPA 7471A
Molybdenum	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Nickel	150	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Selenium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Silver	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Thallium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Vanadium	26	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Zinc	44	1.0	129620	09/20/07	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	197668	Project#:	2842
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	4B-4	Diln Fac:	1.000
Lab ID:	197668-024	Sampled:	09/14/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Arsenic	5.4	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Barium	170	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Beryllium	0.25	0.10	129620	09/20/07	EPA 3050B	EPA 6010B
Cadmium	0.76	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Chromium	54	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Cobalt	13	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Copper	42	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Lead	67	0.22	129620	09/20/07	EPA 3050B	EPA 6010B
Mercury	0.12	0.020	129599	09/18/07	METHOD	EPA 7471A
Molybdenum	2.2	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Nickel	110	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Selenium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Silver	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Thallium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Vanadium	24	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Zinc	100	1.0	129620	09/20/07	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	197668	Project#:	2842
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	4C-1	Diln Fac:	1.000
Lab ID:	197668-026	Sampled:	09/13/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Arsenic	5.5	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Barium	210	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Beryllium	0.31	0.10	129620	09/20/07	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Chromium	64	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Cobalt	17	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Copper	27	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Lead	7.2	0.22	129620	09/20/07	EPA 3050B	EPA 6010B
Mercury	0.052	0.020	129599	09/18/07	METHOD	EPA 7471A
Molybdenum	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Nickel	180	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Selenium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Silver	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Thallium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Vanadium	25	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Zinc	43	1.0	129620	09/20/07	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	197668	Project#:	2842
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	4C-2	Diln Fac:	1.000
Lab ID:	197668-027	Sampled:	09/13/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Arsenic	5.1	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Barium	200	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Beryllium	0.30	0.10	129620	09/20/07	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Chromium	59	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Cobalt	16	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Copper	26	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Lead	6.5	0.22	129620	09/20/07	EPA 3050B	EPA 6010B
Mercury	0.022	0.020	129599	09/18/07	METHOD	EPA 7471A
Molybdenum	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Nickel	160	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Selenium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Silver	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Thallium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Vanadium	25	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Zinc	40	1.0	129620	09/20/07	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	197668	Project#:	2842
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	4C-3	Diln Fac:	1.000
Lab ID:	197668-028	Sampled:	09/13/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Arsenic	5.7	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Barium	220	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Beryllium	0.33	0.10	129620	09/20/07	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Chromium	55	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Cobalt	16	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Copper	27	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Lead	6.6	0.21	129620	09/20/07	EPA 3050B	EPA 6010B
Mercury	0.055	0.020	129599	09/18/07	METHOD	EPA 7471A
Molybdenum	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Nickel	140	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Selenium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Silver	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Thallium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Vanadium	27	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Zinc	42	1.0	129620	09/20/07	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	197668	Project#:	2842
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	4C-4	Diln Fac:	1.000
Lab ID:	197668-029	Sampled:	09/13/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Arsenic	5.6	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Barium	180	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Beryllium	0.30	0.10	129620	09/20/07	EPA 3050B	EPA 6010B
Cadmium	0.37	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Chromium	58	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Cobalt	15	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Copper	32	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Lead	22	0.21	129620	09/20/07	EPA 3050B	EPA 6010B
Mercury	0.061	0.022	129599	09/18/07	METHOD	EPA 7471A
Molybdenum	0.66	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Nickel	140	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Selenium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Silver	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Thallium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Vanadium	25	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Zinc	85	1.0	129620	09/20/07	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	197668	Project#:	2842
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	4A-1	Diln Fac:	1.000
Lab ID:	197668-030	Sampled:	09/13/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Arsenic	6.2	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Barium	190	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Beryllium	0.37	0.10	129620	09/20/07	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Chromium	71	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Cobalt	19	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Copper	28	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Lead	7.4	0.23	129620	09/20/07	EPA 3050B	EPA 6010B
Mercury	0.023	0.020	129599	09/18/07	METHOD	EPA 7471A
Molybdenum	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Nickel	180	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Selenium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Silver	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Thallium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Vanadium	29	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Zinc	42	1.0	129620	09/20/07	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	197668	Project#:	2842
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	4A-2	Diln Fac:	1.000
Lab ID:	197668-031	Sampled:	09/13/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Arsenic	5.7	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Barium	220	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Beryllium	0.32	0.10	129620	09/20/07	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Chromium	63	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Cobalt	16	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Copper	26	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Lead	6.9	0.22	129620	09/20/07	EPA 3050B	EPA 6010B
Mercury	0.029	0.020	129599	09/18/07	METHOD	EPA 7471A
Molybdenum	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Nickel	160	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Selenium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Silver	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Thallium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Vanadium	27	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Zinc	40	1.0	129620	09/20/07	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	197668	Project#:	2842
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	4A-3	Diln Fac:	1.000
Lab ID:	197668-032	Sampled:	09/13/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Arsenic	5.8	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Barium	210	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Beryllium	0.35	0.10	129620	09/20/07	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Chromium	73	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Cobalt	17	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Copper	27	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Lead	7.1	0.22	129620	09/20/07	EPA 3050B	EPA 6010B
Mercury	0.038	0.020	129599	09/18/07	METHOD	EPA 7471A
Molybdenum	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Nickel	180	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Selenium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Silver	ND	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Thallium	ND	0.50	129620	09/20/07	EPA 3050B	EPA 6010B
Vanadium	28	0.25	129620	09/20/07	EPA 3050B	EPA 6010B
Zinc	45	1.0	129620	09/20/07	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 26 Metals

Lab #:	197668	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	METHOD
Project#:	2842	Analysis:	EPA 7471A
Analyte:	Mercury	Basis:	as received
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC406664	Batch#:	129598
Matrix:	Soil	Prepared:	09/18/07
Units:	mg/Kg	Analyzed:	09/18/07

Result	RL
ND	0.020

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 26 Metals

Lab #:	197668	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	METHOD
Project#:	2842	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Matrix:	Soil	Batch#:	129598
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received	Analyzed:	09/18/07

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC406665	0.5000	0.5370	107	80-120		
BSD	QC406666	0.5000	0.5160	103	80-120	4	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 26 Metals

Lab #:	197668	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	METHOD
Project#:	2842	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Field ID:	ZZZZZZZZZZ	Batch#:	129598
MSS Lab ID:	197630-009	Sampled:	09/14/07
Matrix:	Soil	Received:	09/14/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received	Analyzed:	09/18/07

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC406668	4.176	0.4717	4.906	>LR b 155 NM	70-143		
MSD	QC406669		0.4464	4.616	>LR 98 NM	70-143	NC	22

b= See narrative
NC= Not Calculated
NM= Not Meaningful: Sample concentration > 4X spike concentration
>LR= Response exceeds instrument's linear range
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 26 Metals

Lab #:	197668	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	METHOD
Project#:	2842	Analysis:	EPA 7471A
Analyte:	Mercury	Basis:	as received
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC406670	Batch#:	129599
Matrix:	Soil	Prepared:	09/18/07
Units:	mg/Kg	Analyzed:	09/18/07

Result	RL
ND	0.020

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 26 Metals

Lab #:	197668	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	METHOD
Project#:	2842	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Matrix:	Soil	Batch#:	129599
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received	Analyzed:	09/18/07

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC406671	0.5000	0.5180	104	80-120		
BSD	QC406672	0.5000	0.5170	103	80-120	0	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 26 Metals

Lab #:	197668	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	METHOD
Project#:	2842	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Field ID:	2-4	Batch#:	129599
MSS Lab ID:	197668-010	Sampled:	09/14/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received	Analyzed:	09/18/07

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC406674	0.04120	0.4630	0.5454	109	70-143		
MSD	QC406675		0.4167	0.4742	104	70-143	4	22

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 26 Metals

Lab #:	197668	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3050B
Project#:	2842	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC406756	Batch#:	129620
Matrix:	Soil	Prepared:	09/18/07
Units:	mg/Kg	Analyzed:	09/20/07
Basis:	as received		

Analyte	Result	RL
Antimony	ND	0.50
Arsenic	ND	0.25
Barium	ND	0.25
Beryllium	ND	0.10
Cadmium	ND	0.25
Chromium	ND	0.25
Cobalt	ND	0.25
Copper	ND	0.25
Lead	ND	0.23
Molybdenum	ND	0.25
Nickel	ND	0.25
Selenium	ND	0.50
Silver	ND	0.25
Thallium	ND	0.50
Vanadium	ND	0.25
Zinc	ND	1.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 26 Metals

Lab #:	197668	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3050B
Project#:	2842	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	129620
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received	Analyzed:	09/20/07
Diln Fac:	1.000		

Type: BS Lab ID: QC406757

Analyte	Spiked	Result	%REC	Limits
Antimony	100.0	97.07	97	80-120
Arsenic	50.00	48.84	98	80-120
Barium	100.0	95.75	96	80-120
Beryllium	2.500	2.513	101	80-120
Cadmium	10.00	9.655	97	80-120
Chromium	100.0	92.74	93	80-120
Cobalt	25.00	22.96	92	80-120
Copper	12.50	11.52	92	80-120
Lead	100.0	92.54	93	80-120
Molybdenum	20.00	19.84	99	80-120
Nickel	25.00	23.06	92	80-120
Selenium	50.00	47.89	96	80-120
Silver	10.00	9.179	92	80-120
Thallium	50.00	47.25	95	80-120
Vanadium	25.00	23.39	94	80-120
Zinc	25.00	23.52	94	80-120

Type: BSD Lab ID: QC406758

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	100.0	90.66	91	80-120	7	20
Arsenic	50.00	45.64	91	80-120	7	20
Barium	100.0	90.08	90	80-120	6	20
Beryllium	2.500	2.349	94	80-120	7	20
Cadmium	10.00	9.063	91	80-120	6	20
Chromium	100.0	87.04	87	80-120	6	20
Cobalt	25.00	21.52	86	80-120	6	20
Copper	12.50	10.77	86	80-120	7	20
Lead	100.0	87.33	87	80-120	6	20
Molybdenum	20.00	18.60	93	80-120	6	20
Nickel	25.00	21.73	87	80-120	6	20
Selenium	50.00	44.75	89	80-120	7	20
Silver	10.00	8.596	86	80-120	7	20
Thallium	50.00	44.38	89	80-120	6	20
Vanadium	25.00	21.96	88	80-120	6	20
Zinc	25.00	22.07	88	80-120	6	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 26 Metals

Lab #:	197668	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3050B
Project#:	2842	Analysis:	EPA 6010B
Field ID:	2-5A	Batch#:	129620
MSS Lab ID:	197668-011	Sampled:	09/14/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received	Analyzed:	09/20/07
Diln Fac:	1.000		

Type: MS Lab ID: QC406759

Analyte	MSS Result	Spiked	Result	%REC	Limits
Antimony	<0.02749	90.91	31.11	34	1-122
Arsenic	5.706	45.45	44.14	85	72-120
Barium	218.0	90.91	288.0	77	49-139
Beryllium	0.3212	2.273	2.298	87	80-120
Cadmium	<0.002650	9.091	7.240	80	74-120
Chromium	64.47	90.91	136.6	79	65-120
Cobalt	17.93	22.73	34.42	73	60-120
Copper	30.23	11.36	38.72	75	47-146
Lead	7.692	90.91	76.67	76	53-123
Molybdenum	0.1775	18.18	14.46	79	66-120
Nickel	174.0	22.73	185.8	52 NM	43-142
Selenium	<0.07786	45.45	36.48	80	71-120
Silver	0.02478	9.091	7.757	85	66-120
Thallium	<0.03434	45.45	32.67	72	62-120
Vanadium	26.54	22.73	46.20	86	52-139
Zinc	52.49	22.73	66.78	63	42-147

Type: MSD Lab ID: QC406760

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	93.46	31.83	34	1-122	1	30
Arsenic	46.73	45.27	85	72-120	0	20
Barium	93.46	297.6	85	49-139	2	23
Beryllium	2.336	2.394	89	80-120	2	20
Cadmium	9.346	7.459	80	74-120	0	20
Chromium	93.46	143.5	85	65-120	3	20
Cobalt	23.36	35.32	74	60-120	1	24
Copper	11.68	40.59	89	47-146	4	21
Lead	93.46	79.28	77	53-123	1	28
Molybdenum	18.69	15.07	80	66-120	1	20
Nickel	23.36	194.6	88 NM	43-142	4	26
Selenium	46.73	37.82	81	71-120	1	20
Silver	9.346	8.015	86	66-120	1	20
Thallium	46.73	33.62	72	62-120	0	20
Vanadium	23.36	48.73	95	52-139	4	20
Zinc	23.36	69.70	74	42-147	3	27

NM= Not Meaningful: Sample concentration > 4X spike concentration
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 26 Metals

Lab #:	197668	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3050B
Project#:	2842	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC406767	Batch#:	129622
Matrix:	Soil	Prepared:	09/18/07
Units:	mg/Kg	Analyzed:	09/19/07
Basis:	as received		

Analyte	Result	RL
Antimony	ND	0.50
Arsenic	ND	0.29
Barium	ND	0.25
Beryllium	ND	0.10
Cadmium	ND	0.25
Chromium	ND	0.25
Cobalt	ND	0.25
Copper	ND	0.29
Lead	ND	0.15
Molybdenum	ND	0.25
Nickel	ND	0.25
Selenium	ND	0.50
Silver	ND	0.25
Thallium	ND	0.50
Vanadium	ND	0.25
Zinc	ND	1.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 26 Metals

Lab #:	197668	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3050B
Project#:	2842	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	129622
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received	Analyzed:	09/19/07
Diln Fac:	1.000		

Type: BS Lab ID: QC406768

Analyte	Spiked	Result	%REC	Limits
Antimony	100.0	94.27	94	80-120
Arsenic	50.00	51.85	104	80-120
Barium	100.0	96.95	97	80-120
Beryllium	2.500	2.539	102	80-120
Cadmium	10.00	9.284	93	80-120
Chromium	100.0	94.55	95	80-120
Cobalt	25.00	23.08	92	80-120
Copper	12.50	12.14	97	80-120
Lead	100.0	91.72	92	80-120
Molybdenum	20.00	20.01	100	80-120
Nickel	25.00	23.02	92	80-120
Selenium	50.00	46.50	93	80-120
Silver	10.00	9.253	93	80-120
Thallium	50.00	47.52	95	80-120
Vanadium	25.00	23.81	95	80-120
Zinc	25.00	23.64	95	80-120

Type: BSD Lab ID: QC406769

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	100.0	97.59	98	80-120	3	20
Arsenic	50.00	50.84	102	80-120	2	20
Barium	100.0	99.40	99	80-120	2	20
Beryllium	2.500	2.598	104	80-120	2	20
Cadmium	10.00	9.579	96	80-120	3	20
Chromium	100.0	96.77	97	80-120	2	20
Cobalt	25.00	23.65	95	80-120	2	20
Copper	12.50	12.47	100	80-120	3	20
Lead	100.0	94.40	94	80-120	3	20
Molybdenum	20.00	20.55	103	80-120	3	20
Nickel	25.00	23.63	95	80-120	3	20
Selenium	50.00	48.16	96	80-120	4	20
Silver	10.00	9.383	94	80-120	1	20
Thallium	50.00	48.81	98	80-120	3	20
Vanadium	25.00	24.34	97	80-120	2	20
Zinc	25.00	24.29	97	80-120	3	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 26 Metals

Lab #:	197668	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3050B
Project#:	2842	Analysis:	EPA 6010B
Field ID:	1-1	Batch#:	129622
MSS Lab ID:	197668-001	Sampled:	09/14/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/18/07
Basis:	as received	Analyzed:	09/19/07
Diln Fac:	1.000		

Type: MS Lab ID: QC406770

Analyte	MSS Result	Spiked	Result	%REC	Limits
Antimony	1.024	100.0	41.66	41	1-122
Arsenic	3.759	50.00	51.38	95	72-120
Barium	174.3	100.0	321.2	147 *	49-139
Beryllium	0.2966	2.500	2.892	104	80-120
Cadmium	<0.02177	10.00	8.751	88	74-120
Chromium	58.91	100.0	162.0	103	65-120
Cobalt	14.62	25.00	39.02	98	60-120
Copper	30.70	12.50	50.92	162 *	47-146
Lead	34.45	100.0	135.0	101	53-123
Molybdenum	0.1960	20.00	18.49	91	66-120
Nickel	149.3	25.00	197.2	192 NM	43-142
Selenium	<0.04285	50.00	45.39	91	71-120
Silver	<0.05197	10.00	9.345	93	66-120
Thallium	<0.07783	50.00	42.51	85	62-120
Vanadium	24.84	25.00	53.92	116	52-139
Zinc	47.34	25.00	79.81	130	42-147

Type: MSD Lab ID: QC406771

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	95.24	41.39	42	1-122	4	30
Arsenic	47.62	49.20	95	72-120	0	20
Barium	95.24	292.0	124	49-139	8	23
Beryllium	2.381	2.645	99	80-120	5	20
Cadmium	9.524	8.100	85	74-120	3	20
Chromium	95.24	146.7	92	65-120	7	20
Cobalt	23.81	35.80	89	60-120	6	24
Copper	11.90	45.49	124	47-146	10	21
Lead	95.24	118.9	89	53-123	9	28
Molybdenum	19.05	17.04	88	66-120	3	20
Nickel	23.81	175.5	110 NM	43-142	11	26
Selenium	47.62	41.36	87	71-120	4	20
Silver	9.524	8.519	89	66-120	4	20
Thallium	47.62	39.33	83	62-120	3	20
Vanadium	23.81	49.47	103	52-139	6	20
Zinc	23.81	78.30	130	42-147	0	27

*= Value outside of QC limits; see narrative
NM= Not Meaningful: Sample concentration > 4X spike concentration
RPD= Relative Percent Difference

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 # ~~197668~~ 197875

Project No: 2842

Project Name: 5565 Tesla Rd, Livermore

Turnaround Time: Standard

Sampler: Bill Bassett

Report To: Joyce Bobek

Company : SOMA Environmental

Telephone: 925-734-6400

Fax: 925-734-6401

Analyses

Lab No.	Sample ID	Depth	Sampling Date	Time	Matrix: Soil	Matrix: Water	Matrix: Waste	# of Containers	Preservative: HCL	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: ICE	Preservative: none	TPH-d, TPH-mo: 8015B, silica gel cleanup	CAM-17 metals: 6010B, 7471A	VOCs (8260)
[redacted]																
001	~~35~~ 4A-4	3'	↓	1750	X			↓				X		X	X	

Notes:
EDF OUTPUT REQUIRED
Silica gel cleanup method

RELINQUISHED BY:
9/14/07 DATE/TIME
Elena Manzo 9/17/07 1013 DATE/TIME
DATE/TIME

RECEIVED BY:
Elena Manzo 9/14/07 DATE/TIME
9/17/07 1013 DATE/TIME
DATE/TIME

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

Laboratory Job Number 197875
ANALYTICAL REPORT

SOMA Environmental Engineering Inc.	Project : 2842
6620 Owens Dr.	Location : 5565 Tesla Rd, Livermore
Pleasanton, CA 94588	Level : II

Sample ID	Lab ID
4A-4	197875-001

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

Signature: _____ Date: 09/28/2007
Project Manager

Signature: _____ Date: 09/28/2007
Operations Manager

NELAP # 01107CA

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	197875
Client:	SOMA Environmental Engineering Inc.
Project:	2842
Location:	5565 Tesla Rd, Livermore
Request Date:	09/26/07
Samples Received:	09/17/07

This hardcopy data package contains sample and QC results for one soil sample, requested for the above referenced project on 09/26/07. The sample was received intact.

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

Metals (EPA 6010B and EPA 7471A):
No analytical problems were encountered.

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	197875	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	SHAKER TABLE
Project#:	2842	Analysis:	EPA 8015B
Field ID:	4A-4	Batch#:	129924
Matrix:	Soil	Sampled:	09/13/07
Units:	mg/Kg	Received:	09/17/07
Basis:	as received	Prepared:	09/27/07
Diln Fac:	1.000		

Type: SAMPLE
Lab ID: 197875-001
Analyzed: 09/27/07
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	72	46-128

Type: BLANK
Lab ID: QC407989
Analyzed: 09/28/07
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	79	46-128

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	197875	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	SHAKER TABLE
Project#:	2842	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC407990	Batch#:	129924
Matrix:	Soil	Prepared:	09/27/07
Units:	mg/Kg	Analyzed:	09/28/07
Basis:	as received		

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.99	46.12	92	55-131

Surrogate	%REC	Limits
Hexacosane	88	46-128

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	197875	Project#:	2842
Client:	SOMA Environmental Engineering Inc.	Location:	5565 Tesla Rd, Livermore
Field ID:	4A-4	Diln Fac:	1.000
Lab ID:	197875-001	Sampled:	09/13/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	09/27/07
Basis:	as received	Analyzed:	09/27/07

Analyte	Result	RL	Batch#	Prep	Analysis
Antimony	ND	0.50	129915	EPA 3050B	EPA 6010B
Arsenic	4.2	0.25	129915	EPA 3050B	EPA 6010B
Barium	260	0.25	129915	EPA 3050B	EPA 6010B
Beryllium	0.34	0.10	129915	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	129915	EPA 3050B	EPA 6010B
Chromium	63	0.25	129915	EPA 3050B	EPA 6010B
Cobalt	16	0.25	129915	EPA 3050B	EPA 6010B
Copper	26	0.25	129915	EPA 3050B	EPA 6010B
Lead	6.5	0.20	129915	EPA 3050B	EPA 6010B
Mercury	0.021	0.020	129938	METHOD	EPA 7471A
Molybdenum	ND	0.25	129915	EPA 3050B	EPA 6010B
Nickel	150	0.25	129915	EPA 3050B	EPA 6010B
Selenium	ND	0.50	129915	EPA 3050B	EPA 6010B
Silver	ND	0.25	129915	EPA 3050B	EPA 6010B
Thallium	ND	0.50	129915	EPA 3050B	EPA 6010B
Vanadium	28	0.25	129915	EPA 3050B	EPA 6010B
Zinc	38	1.0	129915	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 26 Metals

Lab #:	197875	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3050B
Project#:	2842	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC407952	Batch#:	129915
Matrix:	Soil	Prepared:	09/27/07
Units:	mg/Kg	Analyzed:	09/27/07
Basis:	as received		

Analyte	Result	RL
Antimony	ND	0.50
Arsenic	ND	0.25
Barium	ND	0.25
Beryllium	ND	0.10
Cadmium	ND	0.25
Chromium	ND	0.25
Cobalt	ND	0.25
Copper	ND	0.25
Lead	ND	0.23
Molybdenum	ND	0.25
Nickel	ND	0.25
Selenium	ND	0.50
Silver	ND	0.25
Thallium	ND	0.50
Vanadium	ND	0.25
Zinc	ND	1.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 26 Metals

Lab #:	197875	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3050B
Project#:	2842	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	129915
Units:	mg/Kg	Prepared:	09/27/07
Basis:	as received	Analyzed:	09/27/07
Diln Fac:	1.000		

Type: BS Lab ID: QC407953

Analyte	Spiked	Result	%REC	Limits
Antimony	100.0	87.51	88	80-120
Arsenic	50.00	44.01	88	80-120
Barium	100.0	88.86	89	80-120
Beryllium	2.500	2.412	96	80-120
Cadmium	10.00	8.984	90	80-120
Chromium	100.0	85.73	86	80-120
Cobalt	25.00	21.25	85	80-120
Copper	12.50	10.60	85	80-120
Lead	100.0	87.05	87	80-120
Molybdenum	20.00	17.92	90	80-120
Nickel	25.00	21.55	86	80-120
Selenium	50.00	44.02	88	80-120
Silver	10.00	8.657	87	80-120
Thallium	50.00	43.72	87	80-120
Vanadium	25.00	21.31	85	80-120
Zinc	25.00	21.87	87	80-120

Type: BSD Lab ID: QC407954

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	100.0	88.17	88	80-120	1	20
Arsenic	50.00	44.35	89	80-120	1	20
Barium	100.0	88.72	89	80-120	0	20
Beryllium	2.500	2.417	97	80-120	0	20
Cadmium	10.00	8.948	89	80-120	0	20
Chromium	100.0	85.83	86	80-120	0	20
Cobalt	25.00	21.22	85	80-120	0	20
Copper	12.50	10.55	84	80-120	0	20
Lead	100.0	86.20	86	80-120	1	20
Molybdenum	20.00	18.07	90	80-120	1	20
Nickel	25.00	21.55	86	80-120	0	20
Selenium	50.00	44.46	89	80-120	1	20
Silver	10.00	8.608	86	80-120	1	20
Thallium	50.00	44.20	88	80-120	1	20
Vanadium	25.00	21.33	85	80-120	0	20
Zinc	25.00	21.59	86	80-120	1	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 26 Metals

Lab #:	197875	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3050B
Project#:	2842	Analysis:	EPA 6010B
Field ID:	ZZZZZZZZZZ	Batch#:	129915
MSS Lab ID:	197832-213	Sampled:	09/25/07
Matrix:	Soil	Received:	09/25/07
Units:	mg/Kg	Prepared:	09/27/07
Basis:	as received	Analyzed:	09/27/07
Diln Fac:	1.000		

Type: MS Lab ID: QC407955

Analyte	MSS Result	Spiked	Result	%REC	Limits
Antimony	0.4888	90.91	29.80	32	1-122
Arsenic	6.560	45.45	43.92	82	72-120
Barium	189.4	90.91	265.9	84	49-139
Beryllium	0.4784	2.273	2.590	93	80-120
Cadmium	0.03475	9.091	7.321	80	74-120
Chromium	63.44	90.91	135.5	79	65-120
Cobalt	12.87	22.73	29.02	71	60-120
Copper	25.40	11.36	35.53	89	47-146
Lead	10.16	90.91	79.50	76	53-123
Molybdenum	0.4659	18.18	14.17	75	66-120
Nickel	72.29	22.73	90.34	79	43-142
Selenium	0.1329	45.45	37.47	82	71-120
Silver	0.08213	9.091	7.834	85	66-120
Thallium	<0.03122	45.45	32.95	72	62-120
Vanadium	40.68	22.73	57.52	74	52-139
Zinc	56.49	22.73	75.47	84	42-147

Type: MSD Lab ID: QC407956

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	90.09	30.66	33	1-122	4	30
Arsenic	45.05	46.23	88	72-120	6	20
Barium	90.09	268.9	88	49-139	1	23
Beryllium	2.252	2.621	95	80-120	2	20
Cadmium	9.009	7.567	84	74-120	4	20
Chromium	90.09	137.4	82	65-120	2	20
Cobalt	22.52	30.19	77	60-120	5	24
Copper	11.26	35.87	93	47-146	1	21
Lead	90.09	82.39	80	53-123	4	28
Molybdenum	18.02	14.48	78	66-120	3	20
Nickel	22.52	92.79	91	43-142	3	26
Selenium	45.05	38.21	85	71-120	3	20
Silver	9.009	8.043	88	66-120	4	20
Thallium	45.05	33.93	75	62-120	4	20
Vanadium	22.52	58.55	79	52-139	2	20
Zinc	22.52	77.56	94	42-147	3	27

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 26 Metals

Lab #:	197875	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	METHOD
Project#:	2842	Analysis:	EPA 7471A
Analyte:	Mercury	Basis:	as received
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC408038	Batch#:	129938
Matrix:	Soil	Prepared:	09/27/07
Units:	mg/Kg	Analyzed:	09/27/07

Result	RL
ND	0.020

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 26 Metals

Lab #:	197875	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	METHOD
Project#:	2842	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Matrix:	Soil	Batch#:	129938
Units:	mg/Kg	Prepared:	09/27/07
Basis:	as received	Analyzed:	09/27/07

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC408039	0.5000	0.5480	110	80-120		
BSD	QC408040	0.5000	0.5340	107	80-120	3	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 26 Metals

Lab #:	197875	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	METHOD
Project#:	2842	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Field ID:	ZZZZZZZZZZ	Batch#:	129938
MSS Lab ID:	197780-001	Sampled:	09/21/07
Matrix:	Soil	Received:	09/21/07
Units:	mg/Kg	Prepared:	09/27/07
Basis:	as received	Analyzed:	09/27/07

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC408042	4.644 >LR	0.5208	1.104 >LR	-680 NM	70-143		
MSD	QC408043		0.4310	0.6560	-925 NM	70-143	NC	22

NC= Not Calculated
NM= Not Meaningful: Sample concentration > 4X spike concentration
>LR= Response exceeds instrument's linear range
RPD= Relative Percent Difference

198590

Subject: Re: 197668
From: "Elena Manzo" <emanzo@somaenv.com>
Date: Mon, 22 Oct 2007 14:48:10 -0700
To: "'Anne Kathain'" <anne@ctberk.com>

Dear Anne,

I just noticed that the sample ID 1-5b from the above report was not analyzed. Could you please analyze for all the compounds on the COC that are still within the hold time. Thank you

Elena K. Manzo
Project Scientist
SOMA Environmental Engineering
Phone:(925)734-6400
Fax:(925)734-6401

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2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 198590
ANALYTICAL REPORT

SOMA Environmental Engineering Inc.	Project : 2842
6620 Owens Dr.	Location : 5565 Tesla Rd, Livermore
Pleasanton, CA 94588	Level : II

Sample ID	Lab ID
1-5B	198590-001

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

Signature: _____ Date: 10/29/2007
Project Manager

Signature: _____ Date: 10/30/2007
Operations Manager

NELAP # 01107CA

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	198590
Client:	SOMA Environmental Engineering Inc.
Project:	2842
Location:	5565 Tesla Rd, Livermore
Request Date:	10/22/07
Samples Received:	09/17/07

This hardcopy data package contains sample and QC results for one soil sample, requested for the above referenced project on 10/22/07. The sample was received intact.

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

Curtis & Tompkins, Ltd.

California Title 26 Metals

Lab #:	198590	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3050B
Project#:	2842	Analysis:	EPA 6010B
Field ID:	1-5B	Batch#:	130808
Lab ID:	198590-001	Sampled:	09/14/07
Matrix:	Soil	Received:	09/17/07
Units:	mg/Kg	Prepared:	10/22/07
Basis:	as received	Analyzed:	10/23/07
Diln Fac:	1.000		

Analyte	Result	RL
Antimony	ND	0.50
Arsenic	3.9	0.29
Barium	190	0.25
Beryllium	0.36	0.10
Cadmium	ND	0.25
Chromium	65	0.25
Cobalt	19	0.25
Copper	34	0.29
Lead	7.7	0.19
Molybdenum	ND	0.25
Nickel	190	0.25
Selenium	ND	0.50
Silver	ND	0.25
Thallium	ND	0.50
Vanadium	26	0.25
Zinc	46	1.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 26 Metals

Lab #:	198590	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3050B
Project#:	2842	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC411643	Batch#:	130808
Matrix:	Soil	Prepared:	10/22/07
Units:	mg/Kg	Analyzed:	10/23/07
Basis:	as received		

Analyte	Result	RL
Antimony	ND	0.50
Arsenic	ND	0.29
Barium	ND	0.25
Beryllium	ND	0.10
Cadmium	ND	0.25
Chromium	ND	0.25
Cobalt	ND	0.25
Copper	ND	0.29
Lead	ND	0.19
Molybdenum	ND	0.25
Nickel	ND	0.25
Selenium	ND	0.50
Silver	ND	0.25
Thallium	ND	0.50
Vanadium	ND	0.25
Zinc	ND	1.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 26 Metals

Lab #:	198590	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3050B
Project#:	2842	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	130808
Units:	mg/Kg	Prepared:	10/22/07
Basis:	as received	Analyzed:	10/23/07
Diln Fac:	1.000		

Type: BS Lab ID: QC411644

Analyte	Spiked	Result	%REC	Limits
Antimony	100.0	81.67	82	80-120
Arsenic	50.00	42.26	85	80-120
Barium	100.0	85.69	86	80-120
Beryllium	2.500	2.276	91	80-120
Cadmium	10.00	8.535	85	80-120
Chromium	100.0	84.17	84	80-120
Cobalt	25.00	20.70	83	80-120
Copper	12.50	10.65	85	80-120
Lead	100.0	83.10	83	80-120
Molybdenum	20.00	17.66	88	80-120
Nickel	25.00	20.64	83	80-120
Selenium	50.00	42.81	86	80-120
Silver	10.00	8.144	81	80-120
Thallium	50.00	41.78	84	80-120
Vanadium	25.00	21.11	84	80-120
Zinc	25.00	21.10	84	80-120

Type: BSD Lab ID: QC411645

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	100.0	91.53	92	80-120	11	20
Arsenic	50.00	47.98	96	80-120	13	20
Barium	100.0	92.77	93	80-120	8	20
Beryllium	2.500	2.469	99	80-120	8	20
Cadmium	10.00	9.487	95	80-120	11	20
Chromium	100.0	91.17	91	80-120	8	20
Cobalt	25.00	22.96	92	80-120	10	20
Copper	12.50	11.64	93	80-120	9	20
Lead	100.0	93.74	94	80-120	12	20
Molybdenum	20.00	19.73	99	80-120	11	20
Nickel	25.00	23.01	92	80-120	11	20
Selenium	50.00	47.65	95	80-120	11	20
Silver	10.00	8.947	89	80-120	9	20
Thallium	50.00	46.80	94	80-120	11	20
Vanadium	25.00	22.85	91	80-120	8	20
Zinc	25.00	22.78	91	80-120	8	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 26 Metals

Lab #:	198590	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3050B
Project#:	2842	Analysis:	EPA 6010B
Field ID:	ZZZZZZZZZZ	Batch#:	130808
MSS Lab ID:	198569-007	Sampled:	10/19/07
Matrix:	Soil	Received:	10/19/07
Units:	mg/Kg	Prepared:	10/22/07
Basis:	as received	Analyzed:	10/23/07
Diln Fac:	1.000		

Type: MS Lab ID: QC411646

Analyte	MSS Result	Spiked	Result	%REC	Limits
Antimony	0.3046	96.15	36.84	38	1-122
Arsenic	2.785	48.08	46.30	91	72-120
Barium	137.9	96.15	220.2	86	49-139
Beryllium	0.2309	2.404	2.549	96	80-120
Cadmium	0.1354	9.615	8.319	85	74-120
Chromium	14.91	96.15	97.95	86	65-120
Cobalt	4.089	24.04	23.81	82	60-120
Copper	11.37	12.02	23.19	98	47-146
Lead	2.172	96.15	80.95	82	53-123
Molybdenum	0.5265	19.23	16.49	83	66-120
Nickel	16.75	24.04	35.82	79	43-142
Selenium	0.2717	48.08	43.14	89	71-120
Silver	<0.05343	9.615	8.506	88	66-120
Thallium	<0.08001	48.08	38.34	80	62-120
Vanadium	31.24	24.04	52.95	90	52-139
Zinc	24.33	24.04	45.93	90	42-147

Type: MSD Lab ID: QC411647

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	95.24	36.18	38	1-122	1	30
Arsenic	47.62	47.14	93	72-120	3	20
Barium	95.24	236.5	103	49-139	8	23
Beryllium	2.381	2.551	97	80-120	1	20
Cadmium	9.524	8.387	87	74-120	2	20
Chromium	95.24	99.68	89	65-120	3	20
Cobalt	23.81	24.22	85	60-120	3	24
Copper	11.90	24.31	109	47-146	5	21
Lead	95.24	83.18	85	53-123	4	28
Molybdenum	19.05	17.01	87	66-120	4	20
Nickel	23.81	37.60	88	43-142	5	26
Selenium	47.62	42.73	89	71-120	0	20
Silver	9.524	8.520	89	66-120	1	20
Thallium	47.62	38.74	81	62-120	2	20
Vanadium	23.81	58.53	115	52-139	10	20
Zinc	23.81	47.69	98	42-147	4	27

RPD= Relative Percent Difference

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CHAIN OF CUSTODY

Page _____ of _____

C & T LOGIN #: 198545

Project No.: 2842
Project Name: 5565 Tesla Rd. Livermore
Project P.O.:
Turnaround Time: ASAP

Sampler: Lizzie Hightower
Report To: Elena Manzo
Company: SOMA Environmental
Telephone: 925-734-6400
Fax: 925-734-6401

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil	Water	Waste	# of Containers	Preservative: HCL	H_2SO_4	HNO_3	ICE	Analysis: XX EPA 8015 (TPH-d, TPH-mo)
-1	4b4(a)	10/18/07 1418	X			1 jar				X	X
-2	4b-4(b)	↓ 1420	X			1 jar				X	X

Notes:
EDF.
rep.

SAMPLE RECEIPT
Intact Cold
On Ice Ambient
Preservative Correct?
Yes No N/A

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME
Elizabeth Hight	10/19/07 722	Elena Manzo	10/19/07 7:22
Elena Manzo	10/19/07 11:18am		10/19/07 11:18
	DATE / TIME		DATE / TIME

SIGNATURE

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2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 198545
ANALYTICAL REPORT

SOMA Environmental Engineering Inc.	Project : 2842
6620 Owens Dr.	Location : 5565 Tesla Rd, Livermore
Pleasanton, CA 94588	Level : II

Sample ID	Lab ID
4B-4(A)	198545-001
4B-4(B)	198545-002

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

Signature: _____ Date: 10/30/2007
Project Manager

Signature: _____ Date: 11/01/2007
Quality Assurance Director

NELAP # 01107CA

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	198545
Client:	SOMA Environmental Engineering Inc.
Project:	2842
Location:	5565 Tesla Rd, Livermore
Request Date:	10/19/07
Samples Received:	10/19/07

This hardcopy data package contains sample and QC results for two soil samples, requested for the above referenced project on 10/19/07. The samples were received cold and intact.

TPH-Extractables by GC (EPA 8015B):
High recovery was observed for diesel C10-C24 in the MS for batch 130878; the parent sample was not a project sample, the LCS was within limits, and this analyte was not detected at or above the RL in the associated samples. High RPD was also observed for diesel C10-C24 in the MS/MSD for batch 130878; this analyte was not detected at or above the RL in the associated samples. No other analytical problems were encountered.

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	198545	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	SHAKER TABLE
Project#:	2842	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	130878
Units:	mg/Kg	Sampled:	10/18/07
Basis:	as received	Received:	10/19/07
Diln Fac:	1.000	Prepared:	10/24/07

Field ID: 4B-4(A) Analyzed: 10/24/07
Type: SAMPLE Cleanup Method: EPA 3630C
Lab ID: 198545-001

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	6.9	5.0

Surrogate	%REC	Limits
Hexacosane	92	46-128

Field ID: 4B-4(B) Analyzed: 10/25/07
Type: SAMPLE Cleanup Method: EPA 3630C
Lab ID: 198545-002

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	6.9	5.0

Surrogate	%REC	Limits
Hexacosane	92	46-128

Type: BLANK Analyzed: 10/25/07
Lab ID: QC411953 Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	91	46-128

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	198545	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	SHAKER TABLE
Project#:	2842	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC411954	Batch#:	130878
Matrix:	Soil	Prepared:	10/24/07
Units:	mg/Kg	Analyzed:	10/24/07
Basis:	as received		

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.78	41.61	84	55-131

Surrogate	%REC	Limits
Hexacosane	99	46-128

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	198545	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	SHAKER TABLE
Project#:	2842	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	130878
MSS Lab ID:	198326-020	Sampled:	10/12/07
Matrix:	Soil	Received:	10/12/07
Units:	mg/Kg	Prepared:	10/24/07
Basis:	as received	Analyzed:	10/25/07
Diln Fac:	5.000		

Type: MS
Lab ID: QC411955

Cleanup Method: EPA 3630C

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	6.805	49.87	93.05	173 *	31-150

Surrogate	%REC	Limits
Hexacosane	83	46-128

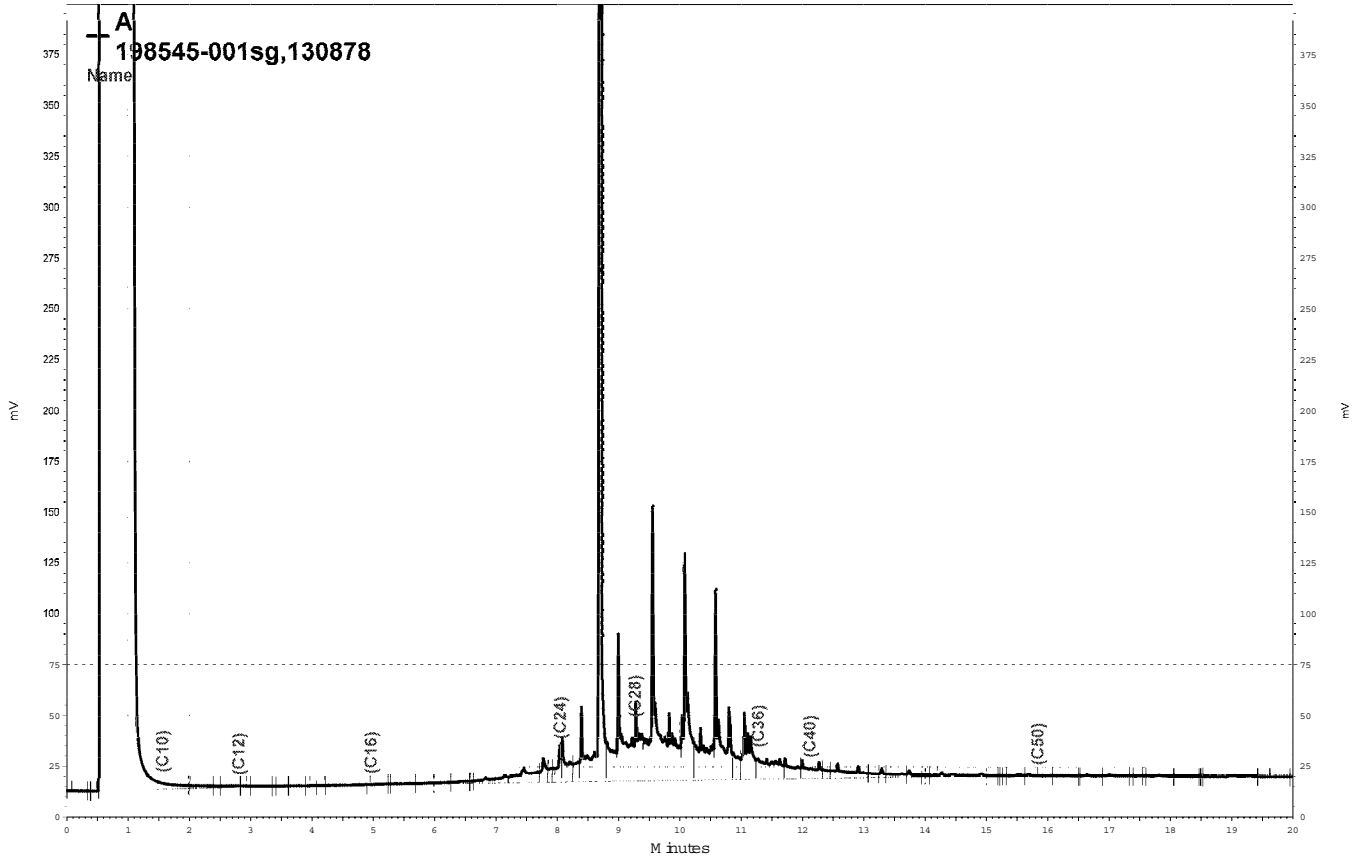
Type: MSD
Lab ID: QC411956

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	49.97	50.94	88	31-150	59 *	42

Surrogate	%REC	Limits
Hexacosane	80	46-128

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



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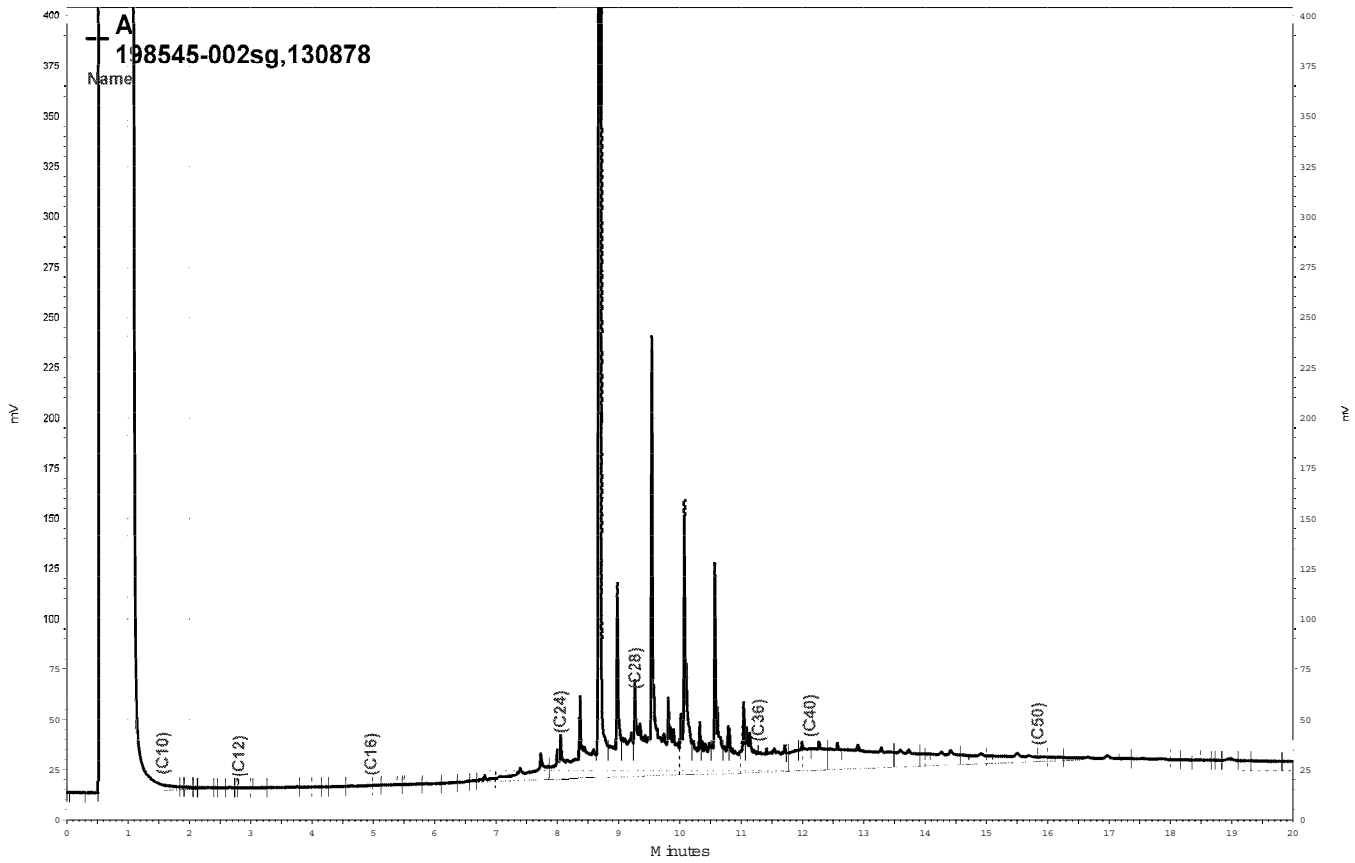

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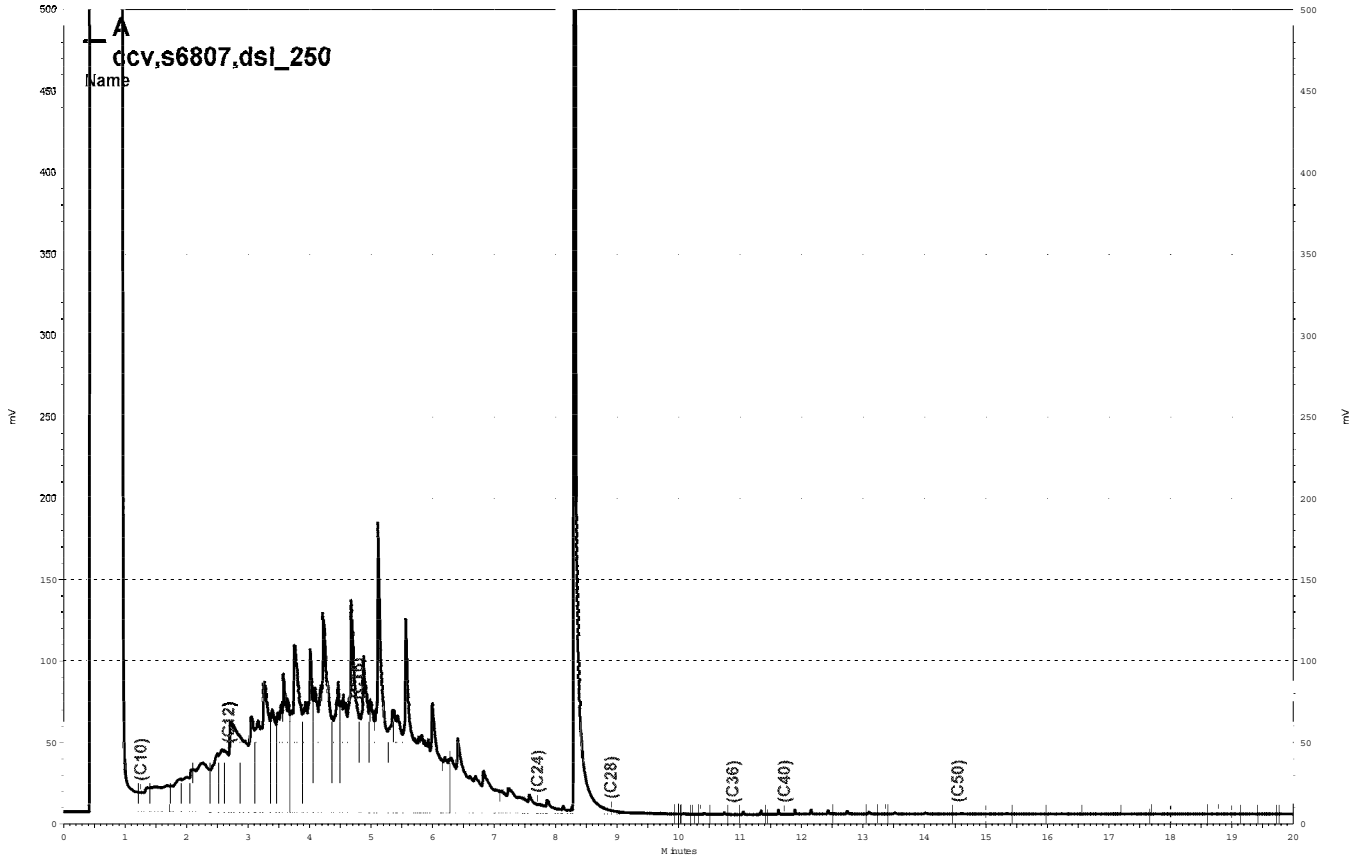

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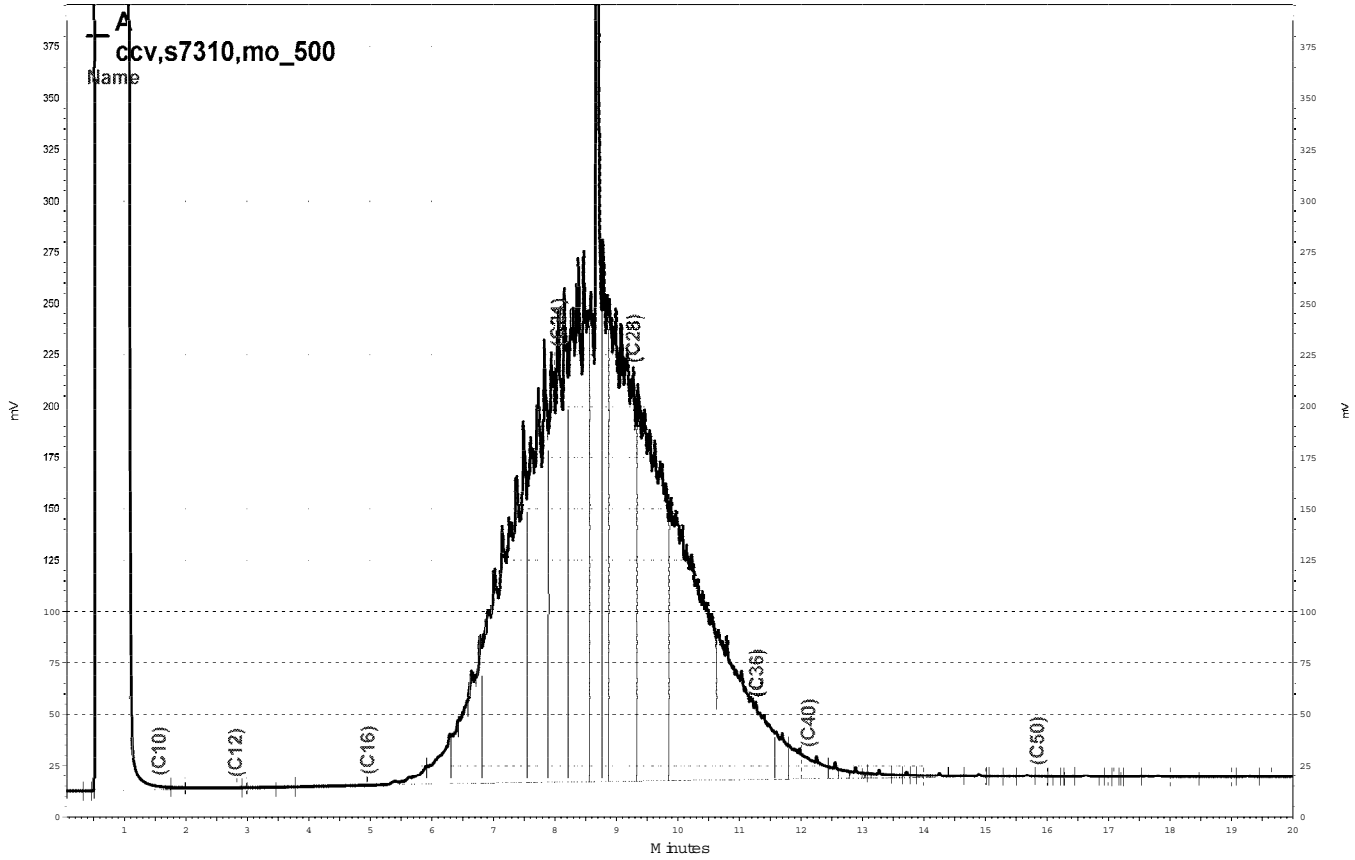

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2323 Fifth Street
Berkeley, CA 94710
(510)486-0900 Phone
(510)486-0532 Fax

C&T LOGIN # 197704

Project No: 2842

Project Name: 5565 Tesla Rd, Livermore

Turnaround Time: Standard

Sampler: Elena Manzo
Report To: Elena Manzo
Company : SOMA Environmental
Telephone: 925-734-6400
Fax: 925-734-6401

Lab No.	Sample ID	Depth	Sampling Date	Time	Matrix: Soil	Matrix: Water	Matrix: Waste	# of Containers	Preservative: HCL	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: ICE	Preservative: none
1	Composite 1	—	9/14/2007	3:00p	x			1 tube				x	
2	Composite 2	—	9/14/2007	3:10p	x			1 tube				x	
3	Composite 3	—	9/14/2007	4:00p	x			1 tube				x	
4	Composite 4	—	9/14/2007	4:10p	x			1 tube				x	
5	Composite 5	—	9/14/2007	4:30p	x			1 tube				x	
6	COMP 1-5												

Analyses

Notes:
EDF OUTPUT REQUIRED
Silica gel cleanup method
Combine samples 1 through 5 and analize as
[redacted]

Rec'd cold & intact 9/17/07 SEG

RELINQUISHED BY:
Elena Manzo 9/17/07 10:13 DATE/TIME
DATE/TIME
DATE/TIME

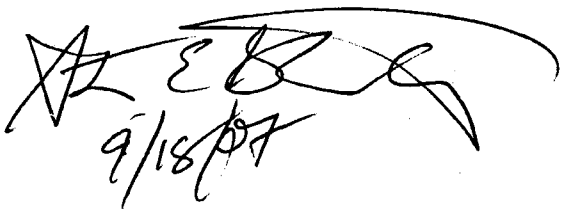
RECEIVED BY:
9/17/07 1073 DATE/TIME
DATE/TIME
DATE/TIME

Message from Elena Manzo, SOMA, on 9/18/07:

Composite the 5 composite samples currently on hold, down to 1 sample. Analyze this 5-point composite for:

SVOCs (8270)
STLC Pb (WET Pb)

Log in on standard TAT.



Subject: RE: 2842 - C&T Reports (197668)
From: "Elena Manzo" <emanzo@somaenv.com>
Date: Thu, 20 Sep 2007 15:26:50 -0700
To: "'Anne Kathain'" <Anne@ctberk.com>

Dear Anne,

For the above job please add the STLC for chromium (composite samples only "Stockpile 1 through Stockpile 5"); the above samples are already being analyzed for to the SVOCs and STLC Lead. Please let me know if you have any questions.

Sincerely,

Elena K. Manzo
Project Scientist
SOMA Environmental Engineering
Phone:(925)734-6400
Fax:(925)734-6401

-----Original Message-----
From: Anne Kathain [mailto:Anne@ctberk.com]
Sent: Thursday, September 20, 2007 2:58 PM
To: emanzo@somaenv.com
Subject: 2842 - C&T Reports (197668)

Attached is a PDF version of the hardcopy reports for C&T job 197668.

Email compiled and sent 09/20/07 02:58 PM.

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	197704
Client:	SOMA Environmental Engineering Inc.
Project:	2842
Location:	5565 Tesla Rd, Livermore
Request Date:	09/18/07
Samples Received:	09/17/07

This hardcopy data package contains sample and QC results for one five-point soil composite, requested for the above referenced project on 09/18/07. The samples were received on ice and intact.

Semivolatile Organics by GC/MS (EPA 8270C):
No analytical problems were encountered.

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

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	197704	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3550B
Project#:	2842	Analysis:	EPA 8270C
Field ID:	COMP 1-5	Batch#:	129664
Lab ID:	197704-006	Sampled:	09/14/07
Matrix:	Soil	Received:	09/17/07
Units:	ug/Kg	Prepared:	09/19/07
Basis:	as received	Analyzed:	09/21/07
Diln Fac:	1.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl)ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	660
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,700
bis(2-Chloroethoxy)methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	66
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	66
Hexachlorocyclopentadiene	ND	660
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	660
Dimethylphthalate	ND	330
Acenaphthylene	ND	66
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	660
Acenaphthene	ND	66
2,4-Dinitrophenol	ND	660
4-Nitrophenol	ND	660
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	66
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	660
4,6-Dinitro-2-methylphenol	ND	660
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	660
Phenanthrene	ND	66
Anthracene	ND	66
Di-n-butylphthalate	ND	330

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	197704	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3550B
Project#:	2842	Analysis:	EPA 8270C
Field ID:	COMP 1-5	Batch#:	129664
Lab ID:	197704-006	Sampled:	09/14/07
Matrix:	Soil	Received:	09/17/07
Units:	ug/Kg	Prepared:	09/19/07
Basis:	as received	Analyzed:	09/21/07
Diln Fac:	1.000		

Analyte	Result	RL
Fluoranthene	ND	66
Pyrene	ND	66
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	660
Benzo(a)anthracene	ND	66
Chrysene	ND	66
bis(2-Ethylhexyl)phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	ND	66
Benzo(k)fluoranthene	ND	66
Benzo(a)pyrene	ND	66
Indeno(1,2,3-cd)pyrene	ND	66
Dibenz(a,h)anthracene	ND	66
Benzo(g,h,i)perylene	ND	66

Surrogate	%REC	Limits
2-Fluorophenol	68	33-120
Phenol-d5	72	35-120
2,4,6-Tribromophenol	78	25-120
Nitrobenzene-d5	62	38-120
2-Fluorobiphenyl	65	44-120
Terphenyl-d14	60	40-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	197704	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3550B
Project#:	2842	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC406940	Batch#:	129664
Matrix:	Soil	Prepared:	09/19/07
Units:	ug/Kg	Analyzed:	09/20/07
Basis:	as received		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl)ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	660
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,700
bis(2-Chloroethoxy)methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	66
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	66
Hexachlorocyclopentadiene	ND	660
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	660
Dimethylphthalate	ND	330
Acenaphthylene	ND	66
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	660
Acenaphthene	ND	66
2,4-Dinitrophenol	ND	660
4-Nitrophenol	ND	660
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	66
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	660
4,6-Dinitro-2-methylphenol	ND	660
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	660
Phenanthrene	ND	66
Anthracene	ND	66
Di-n-butylphthalate	ND	330

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	197704	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3550B
Project#:	2842	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC406940	Batch#:	129664
Matrix:	Soil	Prepared:	09/19/07
Units:	ug/Kg	Analyzed:	09/20/07
Basis:	as received		

Analyte	Result	RL
Fluoranthene	ND	66
Pyrene	ND	66
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	660
Benzo(a)anthracene	ND	66
Chrysene	ND	66
bis(2-Ethylhexyl)phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	ND	66
Benzo(k)fluoranthene	ND	66
Benzo(a)pyrene	ND	66
Indeno(1,2,3-cd)pyrene	ND	66
Dibenz(a,h)anthracene	ND	66
Benzo(g,h,i)perylene	ND	66

Surrogate	%REC	Limits
2-Fluorophenol	85	33-120
Phenol-d5	89	35-120
2,4,6-Tribromophenol	69	25-120
Nitrobenzene-d5	78	38-120
2-Fluorobiphenyl	82	44-120
Terphenyl-d14	73	40-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	197704	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3550B
Project#:	2842	Analysis:	EPA 8270C
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC406941	Batch#:	129664
Matrix:	Soil	Prepared:	09/19/07
Units:	ug/Kg	Analyzed:	09/21/07
Basis:	as received		

Analyte	Spiked	Result	%REC	Limits
Phenol	2,635	1,536	58	38-120
2-Chlorophenol	2,635	1,609	61	41-120
1,4-Dichlorobenzene	1,318	1,078	82	47-120
N-Nitroso-di-n-propylamine	1,318	929.4	71	29-120
1,2,4-Trichlorobenzene	1,318	1,021	77	46-120
4-Chloro-3-methylphenol	2,635	1,873	71	44-120
Acenaphthene	1,318	961.9	73	43-120
4-Nitrophenol	2,635	1,924	73	31-120
2,4-Dinitrotoluene	1,318	1,094	83	44-120
Pentachlorophenol	2,635	2,086	79	21-120
Pyrene	1,318	990.9	75	42-120

Surrogate	%REC	Limits
2-Fluorophenol	58	33-120
Phenol-d5	63	35-120
2,4,6-Tribromophenol	75	25-120
Nitrobenzene-d5	64	38-120
2-Fluorobiphenyl	63	44-120
Terphenyl-d14	61	40-120

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	197704	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 3550B
Project#:	2842	Analysis:	EPA 8270C
Field ID:	ZZZZZZZZZZ	Batch#:	129664
MSS Lab ID:	197670-005	Sampled:	09/17/07
Matrix:	Soil	Received:	09/17/07
Units:	ug/Kg	Prepared:	09/19/07
Basis:	as received	Analyzed:	09/21/07
Diln Fac:	1.000		

Type: MS Lab ID: QC406942

Analyte	MSS Result	Spiked	Result	%REC	Limits
Phenol	<69.52	2,646	1,448	55	41-120
2-Chlorophenol	<72.36	2,646	1,438	54	42-120
1,4-Dichlorobenzene	<17.29	1,323	915.4	69	50-120
N-Nitroso-di-n-propylamine	<14.29	1,323	871.1	66	38-120
1,2,4-Trichlorobenzene	<15.44	1,323	958.7	72	50-120
4-Chloro-3-methylphenol	<71.62	2,646	1,918	72	48-120
Acenaphthene	<15.24	1,323	922.7	70	50-120
4-Nitrophenol	<85.87	2,646	1,897	72	36-120
2,4-Dinitrotoluene	<15.57	1,323	1,083	82	46-120
Pentachlorophenol	<68.14	2,646	2,149	81	19-120
Pyrene	38.42	1,323	1,318	97	44-120

Surrogate	%REC	Limits
2-Fluorophenol	52	33-120
Phenol-d5	60	35-120
2,4,6-Tribromophenol	78	25-120
Nitrobenzene-d5	61	38-120
2-Fluorobiphenyl	64	44-120
Terphenyl-d14	76	40-120

Type: MSD Lab ID: QC406943

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Phenol	2,696	1,568	58	41-120	6	28
2-Chlorophenol	2,696	1,651	61	42-120	12	28
1,4-Dichlorobenzene	1,348	1,070	79	50-120	14	28
N-Nitroso-di-n-propylamine	1,348	939.8	70	38-120	6	30
1,2,4-Trichlorobenzene	1,348	1,045	78	50-120	7	28
4-Chloro-3-methylphenol	2,696	1,911	71	48-120	2	28
Acenaphthene	1,348	945.5	70	50-120	1	27
4-Nitrophenol	2,696	1,898	70	36-120	2	36
2,4-Dinitrotoluene	1,348	1,086	81	46-120	2	29
Pentachlorophenol	2,696	2,006	74	19-120	9	56
Pyrene	1,348	1,215	87	44-120	10	31

Surrogate	%REC	Limits
2-Fluorophenol	58	33-120
Phenol-d5	63	35-120
2,4,6-Tribromophenol	75	25-120
Nitrobenzene-d5	64	38-120
2-Fluorobiphenyl	63	44-120
Terphenyl-d14	73	40-120

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Metals Analytical Report

Lab #:	197704	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	WET
Project#:	2842	Analysis:	EPA 6010B
Field ID:	COMP 1-5	Sampled:	09/14/07
Matrix:	WET Leachate	Received:	09/17/07
Units:	ug/L	Prepared:	09/24/07
Diln Fac:	10.00	Analyzed:	09/24/07
Batch#:	129801		

Type: SAMPLE Lab ID: 197704-006

Analyte	Result	RL
Chromium	ND	250
Lead	3,900	150

Type: BLANK Lab ID: QC407517

Analyte	Result	RL
Chromium	ND	250
Lead	ND	150

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Metals Analytical Report

Lab #:	197704	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	WET
Project#:	2842	Analysis:	EPA 6010B
Matrix:	WET Leachate	Batch#:	129801
Units:	ug/L	Prepared:	09/24/07
Diln Fac:	1.000	Analyzed:	09/24/07

Type: BS Lab ID: QC407518

Analyte	Spiked	Result	%REC	Limits
Chromium	2,000	1,976	99	80-120
Lead	2,000	1,963	98	80-120

Type: BSD Lab ID: QC407519

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Chromium	2,000	1,927	96	80-120	2	20
Lead	2,000	1,949	97	80-120	1	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Metals Analytical Report

Lab #:	197704	Location:	5565 Tesla Rd, Livermore
Client:	SOMA Environmental Engineering Inc.	Prep:	WET
Project#:	2842	Analysis:	EPA 6010B
Field ID:	ZZZZZZZZZZ	Batch#:	129801
MSS Lab ID:	197745-001	Sampled:	09/20/07
Matrix:	WET Leachate	Received:	09/20/07
Units:	ug/L	Prepared:	09/24/07
Diln Fac:	10.00	Analyzed:	09/24/07

Type: MS Lab ID: QC407520

Analyte	MSS Result	Spiked	Result	%REC	Limits
Chromium	148.6	10,000	10,170	100	80-120
Lead	8,332	10,000	17,680	93	76-120

Type: MSD Lab ID: QC407521

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Chromium	10,000	10,160	100	80-120	0	20
Lead	10,000	17,880	95	76-120	1	20

RPD= Relative Percent Difference

Appendix D

Soil Disposal Manifests and Relevant Waste Pre-Approval Correspondence

FORWARD INCORPORATED 311928

9999 South Austin Road/WEIGHING LOCATION
Manteca, CA 95336
Landfill: (209) 982-4298 / WEIGHING LOCATION

1145 W. Charter Way
Stockton, CA 95206
Main Office: (209) 466-4482
Fax: (209) 466-1067

SITE	TICKET	GRID
01	792407	

SCALE OPERATOR	
M000033 MORLINA O	

DATE IN	TIME IN
23 October 2007	9:22 am

DATE OUT	TIME OUT
23 October 2007	9:33 am

VEHICLE	ROLL OFF
CARDONE C3	

REFERENCE	ORIGIN
	LIVERMORE

007380
S O M A ENVIRONMENTAL ENGINEERING, INC.
ELENA MANZO
6620 OWENS DRIVE, STE. A
PLEASANTON, CA 94588
Contract: 20 Y712830

02 Gross Weight 44,840.00 lb INBOUND - SCALE TICKET
Tare Weight 20,300.00 lb
Net Weight 24,540.00 lb 12.27 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
12.27	TN	SW-CONT SOIL				
1.00	LD	ENVIRONMENTAL FEE				
1.00	LD	FUEL RECOVERY FEE				

MANIFEST# 95430

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

DRIVER'S SIGNATURE ____________

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Coffin Butte Landfill**
28972 Coffin Butte Road
Corvallis, OR 97330
Phone (541) 745-2018
Fax (541) 745-3826

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☒ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Wente Brothers
MAILING ADDRESS: 5565 Tesla Road
CITY, STATE, ZIP: Livermore, CA 94550
PHONE: (925) 456-2300
CONTACT PERSON: Aris Krimetz
SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature]
DATE: 10/22/07

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY: 5565 Tesla Road LIVERMORE

WASTE ACCEPTANCE NO.
— 7380

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☒ HARD HAT
☐ TY-VEK ☒ SAFETY VEST

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER: Hauling Pros, Inc
ADDRESS: 1990 Olivera Road
CITY, STATE, ZIP: Concord, CA 94520
PHONE: (866) 428-5377 & (925) 682-8987
SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * Robert McDaniel
DATE:

NOTES:
VEHICLE LICENSE NUMBER	TRUCK NUMBER
7U96278	CA 17729

carbon Trucking

END DUMP	BOTTOM DUMP	TRANSFER
☐	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT: * [signature]
DATE: 10/22/07

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

GENERATOR COPY

MANIFEST # 95430

FORWARD INCORPORATED

311766

9999 South Austin Road/WEIGHING LOCATION
Manteca, CA 95336
Landfill: (209) 982-4298 / WEIGHING LOCATION

1145 W. Charter Way
Stockton, CA 95206
Main Office: (209) 466-4482
Fax: (209) 466-1067

SITE	TICKET	GRID
01	792540	

SCALE OPERATOR: MR67024 MARYCARMEN R

DATE IN	TIME IN
23 October 2007	12:10 pm
DATE OUT	**TIME OUT**
23 October 2007	12:25 pm

VEHICLE	ROLL OFF
DARWAHDB	

REFERENCE	ORIGIN
	LIVERMORE

007330
S O M A ENVIRONMENTAL ENGINEERING, INC.
ELENA MANZO
6620 OWENS DRIVE, STE. A
PLEASANTON, CA 94588
Contract: 204Y712830

St Gross Weight 37,760.00 lb — INCOMING - SCALE TICKET
Tare Weight 20,960.00 lb
Net Weight 18,800.00 lb 9.40 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
9.40	TN	SW-CONT SOIL				
1.00	LD	ENVIRONMENTAL FEE				
1.00	LD	FUEL RECOVERY FEE				

MANIFEST# 95423

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

DRIVER'S SIGNATURE

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Coffin Butte Landfill**
28972 Coffin Butte Road
Corvallis, OR 97330
Phone (541) 745-2018
Fax (541) 745-3826

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☒ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Wente Brothers
MAILING ADDRESS: 5565 Tesla Road
CITY, STATE, ZIP: Livermore, CA 94550
PHONE: (925) 456-2300
CONTACT PERSON: Aris Krimetz
SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature]
DATE: 10/22/07

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY: 5565 Tesla Road LIVERMORE

WASTE ACCEPTANCE NO.: —7380

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
- ☒ GLOVES
- ☐ GOGGLES
- ☐ RESPIRATOR
- ☒ HARD HAT
- ☐ TY-VEK
- ☒ SAFETY VEST

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER: Hauling Pros, Inc
ADDRESS: 1990 Olivera Road
CITY, STATE, ZIP: Concord, CA 94520
PHONE: (866) 428-5377 & (925) 682-8987
SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * [signature]
DATE:

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
7N46429	08

END DUMP	BOTTOM DUMP	TRANSFER
☐	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

Dump truck

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS:

FACILITY TICKET NUMBER:

SIGNATURE OF AUTHORIZED AGENT: * Mark K
DATE: 10/23/07

CUBIC YARDS:

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

MANIFEST # 95423

GENERATOR COPY

FORWARD INCORPORATED

311927

9999 South Austin Road/WEIGHING LOCATION
Manteca, CA 95336
Landfill: (209) 982-4298 / WEIGHING LOCATION

1145 W. Charter Way
Stockton, CA 95206
Main Office: (209) 466-4482
Fax: (209) 466-1067

007380
S O M A ENVIRONMENTAL ENGINEERING, INC.
ELENA MANZO
6620 OWENS DRIVE, STE. A
PLEASANTON, CA 94588
Contract: 2047712830

SITE	TICKET	GRID
01	792406	

SCALE OPERATOR
M000033 MORLINA O

DATE IN	TIME IN
23 October 2007	9:26 am

DATE OUT	TIME OUT
23 October 2007	9:32 am

VEHICLE	ROLL OFF
DARRAH08	

REFERENCE	ORIGIN
	TRUESTMORE

01 Gross Weight 40,220.00 lb Inbound SCALE TICKET
Tare Weight 20,820.00 lb
Net Weight 19,400.00 lb 9.70 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
9.70	TN	SW-CONT SOIL				
1.00	LD	ENVIRONMENTAL FEE				
1.00	LD	FUEL RECOVERY FEE				

MANIFEST# 95431

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

DRIVER'S SIGNATURE

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Coffin Butte Landfill**
28972 Coffin Butte Road
Corvallis, OR 97330
Phone (541) 745-2018
Fax (541) 745-3826

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☒ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
Wente Brothers

MAILING ADDRESS
5565 Tesla Road

CITY, STATE, ZIP
Livermore, CA 94550

PHONE
(925) 456-2300

CONTACT PERSON
Aris Krimetz

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE
* [signature] | 10/22/07

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY
5565 Tesla Road LIVERMORE

WASTE ACCEPTANCE NO.
— 7380

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
☒ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☒ HARD HAT
☐ TY-VEK ☒ SAFETY VEST

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER
Hauling Pros, Inc

ADDRESS
1990 Olivera Road

CITY, STATE, ZIP
Concord, CA 94520

PHONE
(866) 428-5377 & (925) 682-8987

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE
* [signature] | 10-24-07

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
7N46429	D 8

END DUMP	BOTTOM DUMP	TRANSFER
☐	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE
* [signature] | 10/23/07

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

MANIFEST # 95431

GENERATOR COPY

FORWARD INCORPORATED

312142

9999 South Austin Road/WEIGHING LOCATION
Manteca, CA 95336
Landfill: (209) 982-4298 / WEIGHING LOCATION

1145 W. Charter Way
Stockton, CA 95206
Main Office: (209) 466-4482
Fax: (209) 466-1067

SITE	TICKET	GRID
01	792405	

SCALE OPERATOR: MR67024 MARYCARMEN R

DATE IN	TIME IN
23 October 2007	9:19 am

DATE OUT	TIME OUT
23 October 2007	9:32 am

VEHICLE	ROLL OFF
PAPPYS P1	

REFERENCE	ORIGIN
	LIVERMORE

007380
S O M A ENVIRONMENTAL ENGINEERING, INC.
ELENA MANZO
6620 OWENS DRIVE, STE. A
PLEASANTON, CA 94588
Contract: 204Y712630

01 Gross Weight 42,620.00 lb Inbound - SCALE TICKET
Tare Weight 21,520.00 lb
Net Weight 21,100.00 lb 10.55 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
10.55	TN	SW-CONT SOIL				
1.00	LD	ENVIRONMENTAL FEE				
1.00	LD	FUEL RECOVERY FEE				

MANIFEST# 95422

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

DRIVER'S SIGNATURE Jerry E. Davis

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Coffin Butte Landfill**
28972 Coffin Butte Road
Corvallis, OR 97330
Phone (541) 745-2018
Fax (541) 745-3826

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☒ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
Wente Brothers

MAILING ADDRESS
5565 Tesla Road

CITY, STATE, ZIP
Livermore, CA 94550

PHONE
(925) 456-2300

CONTACT PERSON
Aris Krimetz

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE
* [signature] | 10/22/07

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, If the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY
5565 Tesla Road LIVERMORE

WASTE ACCEPTANCE NO.
—7380

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
☑ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT
☐ TY-VEK ☐ SAFETY VEST

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER
Hauling Pros, Inc

ADDRESS
1990 Olivera Road

CITY, STATE, ZIP
Concord, CA 94520

PHONE
(866) 428-5377 & (925) 682-8987

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE
* Jerry E. Davis | 10-23-07

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
7M79222	P-1

END DUMP	BOTTOM DUMP	TRANSFER
☐	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE
* [signature] | 10-23-07

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

GENERATOR COPY

MANIFEST # 95422

FORWARD INCORPORATED

311765

9999 South Austin Road/WEIGHING LOCATION
Manteca, CA 95336
Landfill: (209) 982-4298 / WEIGHING LOCATION

1145 W. Charter Way
Stockton, CA 95206
Main Office: (209) 466-4482
Fax: (209) 466-1067

SITE	TICKET	GRID
01	792539	

SCALE OPERATOR: MR67024 MARYCARMEN R

DATE IN	TIME IN
23 October 2007	12:09 pm

DATE OUT	TIME OUT
23 October 2007	12:22 pm

VEHICLE	ROLL OFF
PAPPYS P1	

REFERENCE	ORIGIN
	TIVERMORE

007380
S O M A ENVIRONMENTAL ENGINEERING, INC.
ELENA MANZO
6620 OWENS DRIVE, STE. A
PLEASANTON, CA 94588
Contract: 204Y712830

OUTBOUND SCALE TICKET

Gross Weight 40,660.00 lb
Tare Weight 21,440.00 lb
Net Weight 19,220.00 lb 9.61 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
9.61	TN	SW-CONT SOIL				
1.00	LD	ENVIRONMENTAL FEE				
1.00	LD	FUEL RECOVERY FEE				

MANIFEST# 95412

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

DRIVER'S SIGNATURE Jorge E. Davis

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Coffin Butte Landfill**
28972 Coffin Butte Road
Corvallis, OR 97330
Phone (541) 745-2018
Fax (541) 745-3826

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☐ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Weute Brothers
MAILING ADDRESS: 5565 Tesla Road
CITY, STATE, ZIP: Livermore, CA 94550
PHONE: (925) 456-2300
CONTACT PERSON: Aris Krimetz
SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature]
DATE: 10/22/07

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY: 5565 Tesla Road Livermore

WASTE ACCEPTANCE NO.
-7380

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
- ☒ GLOVES
- ☐ GOGGLES
- ☐ RESPIRATOR
- ☒ HARD HAT
- ☐ TY-VEK
- ☒ SAFETY VEST

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER: Hauling Pros. Inc
ADDRESS: 1990 Olivera Road
CITY, STATE, ZIP: Concord, CA 94520
PHONE: (866) 428-5377
SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * Jerry E. Davis
DATE: 10-23-07

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
7M79222	P-1

END DUMP	BOTTOM DUMP	TRANSFER
☐	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT: * [signature]
DATE: 10/23/07

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

MANIFEST # 95412

GENERATOR COPY

FORWARD INCORPORATED

311982

9999 South Austin Road/WEIGHING LOCATION
Manteca, CA 95336
Landfill: (209) 982-4298 / WEIGHING LOCATION

1145 W. Charter Way
Stockton, CA 95206
Main Office: (209) 466-4482
Fax: (209) 466-1067

SITE	TICKET	GRID
01	792531	

SCALE OPERATOR: M000033 MORLINA O

DATE IN	TIME IN
23 October 2007	12:26 pm

DATE OUT	TIME OUT
23 October 2007	12:32 pm

VEHICLE	ROLL OFF
CARDONE C3	

REFERENCE	ORIGIN
	LIVERMORE

007330
S O M A ENVIRONMENTAL ENGINEERING, INC.
ELENA MANZO
6620 OWENS DRIVE, STE. A
PLEASANTON, CA 94588
Contract: 204Y712330

GS Gross Weight 42,500.00 lb [illegible] SCALE TICKET
Tare Weight 20,280.00 lb
Net Weight 22,220.00 lb 11.11 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
11.11	TN	SW-CONT SOIL				
1.00	LD	ENVIRONMENTAL FEE				
1.00	LD	FUEL RECOVERY FEE				

MANIFEST# 95424

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

DRIVER'S SIGNATURE

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Coffin Butte Landfill**
28972 Coffin Butte Road
Corvallis, OR 97330
Phone (541) 745-2018
Fax (541) 745-3826

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☒ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Wente Brothers
MAILING ADDRESS: 5565 Tesla road
CITY, STATE, ZIP: Livermore, CA 94550
PHONE: (925) 456-2300
CONTACT PERSON: Aris Krimetz
SIGNATURE OF AUTHORIZED AGENT / TITLE: *
DATE: 10/22/07

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY: 5565 Tesla Road LIVERMORE

WASTE ACCEPTANCE NO.
— 7380

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☒ HARD HAT
☐ TY-VEK ☒ SAFETY VEST

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER: Hauling Pros, Inc
ADDRESS: 1990 Olivera Road
CITY, STATE, ZIP: Concord, CA 94520
PHONE: (866) 428-5377 & (925) 682-8987
SIGNATURE OF AUTHORIZED AGENT OR DRIVER: *
DATE:

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
7096278	C 3

Cardonetrucking

END DUMP	BOTTOM DUMP	TRANSFER
☐	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT: *
DATE: 10/30/07

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

GENERATOR COPY

MANIFEST # 95424

FORWARD INCORPORATED

311821

9999 South Austin Road/WEIGHING LOCATION
Manteca, CA 95336
Landfill: (209) 982-4298 / WEIGHING LOCATION

1145 W. Charter Way
Stockton, CA 95206
Main Office: (209) 466-4482
Fax: (209) 466-1067

SITE	TICKET	GRID
01	792646	

SCALE OPERATOR: MR67024 MARYCARMEN R

DATE IN	TIME IN
23 OCTOBER 2007	3:39 PM

DATE OUT	TIME OUT
23 OCTOBER 2007	3:39 PM

VEHICLE	ROLL OFF
CARDONE C3	

REFERENCE	ORIGIN
	LIVERMORE

007380
S O M A ENVIRONMENTAL ENGINEERING, INC.
ELENA MANZO
6620 OWENS DRIVE, STE. A
PLEASANTON, CA 94588
Contract: 204Y712830

Inbound - SOME TICKET

Gross Weight 41,320.00 lb
Tare Weight 20,300.00 lb
Net Weight 21,020.00 lb 10.51 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
10.51	TN	SW-CONT SOIL				
1.00	LD	ENVIRONMENTAL FEE				
1.00	LD	FUEL RECOVERY FEE				

MANIFEST# 95427

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

DRIVER'S SIGNATURE Angel

☐ Keller Canyon Sanitary Landfill	☐ Coffin Butte Landfill	☐ Ox Mountain Sanitary Landfill	☐ Newby Island Sanitary Landfill	☒ Forward Landfill
901 Bailey Road Pittsburg, CA 94565 Phone (925) 458-9800 Fax (925) 458-9891	28972 Coffin Butte Road Corvallis, OR 97330 Phone (541) 745-2018 Fax (541) 745-3826	12310 San Mateo Road Half Moon Bay, CA 94019 Phone (650) 726-1819 Fax (650) 726-9183	1601 Dixon Landing Road Milpitas, CA 95035 Phone (408) 945-2800 Fax (408) 262-2871	9999 S. Austin Road Manteca, CA 95336 Phone (209) 982-4298 Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Wente Brothers

MAILING ADDRESS: 5565 Tesla Road

CITY, STATE, ZIP: Livermore, CA 94550

PHONE: (925) 456-2300

CONTACT PERSON: Aris Krimetz

SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature]

DATE: 10/22/07

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY: 5565 Tesla Road LIVERMORE

WASTE ACCEPTANCE NO.

— 7380

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☒ HARD HAT

☐ TY-VEK ☒ SAFETY VEST

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER: Hauling Pros, Inc

ADDRESS: 1990 Olivera Road

CITY, STATE, ZIP: Concord, CA 94520

PHONE: (866) 428-5377 & (925) 682-8987

SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * [signature]

DATE:

NOTES: VEHICLE LICENSE NUMBER: [illegible] TRUCK NUMBER: Cardone Truck

END DUMP	BOTTOM DUMP	TRANSFER
☐	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS:

FACILITY TICKET NUMBER:

SIGNATURE OF AUTHORIZED AGENT: * [signature] 10/23/07

DATE:

CUBIC YARDS:

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

MANIFEST # 95427

FORWARD INCORPORATED

311820

9999 South Austin Road/WEIGHING LOCATION
Manteca, CA 95336
Landfill: (209) 982-4298 / WEIGHING LOCATION

1145 W. Charter Way
Stockton, CA 95206
Main Office: (209) 466-4482
Fax: (209) 466-1067

SITE	TICKET	GRID
01	792644	

SCALE OPERATOR: MR67024 MARYCARMEN R

DATE IN	TIME IN
23 October 2007	3:35 PM

DATE OUT	TIME OUT
23 October 2007	3:35 PM

VEHICLE	ROLL OFF
PAPPYS F1	

REFERENCE	ORIGIN
	LIVERMORE

007380
S O M A ENVIRONMENTAL ENGINEERING, INC.
ELENA MANZO
6620 OWENS DRIVE, STE. A
PLEASANTON, CA 94588
Contract: 204Y712830

01 Gross Weight 33,720.00 lb
Tare Weight 21,520.00 lb
Net Weight 12,200.00 lb 6.10 TN

TRANSIENT - SCALE TICKET

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
6.10	TN	SW-CONT SOIL				
1.00	LD	ENVIRONMENTAL FEE				
1.00	LD	FUEL RECOVERY FEE				

MANIFEST# 95426

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

DRIVER'S SIGNATURE Tony E. Davis JR's

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Coffin Butte Landfill**
28972 Coffin Butte Road
Corvallis, OR 97330
Phone (541) 745-2018
Fax (541) 745-3826

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☒ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Wente Brothers
MAILING ADDRESS: 5565 Tesla Road
CITY, STATE, ZIP: Livermore, CA 94550
PHONE: (925) 456-2300
CONTACT PERSON: Aris Krimetz
SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature]
DATE: 10/22/07

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY: 5565 Tesla Road LIVERMORE

WASTE ACCEPTANCE NO.
— 7380

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
- ☑ GLOVES
- ☐ GOGGLES
- ☐ RESPIRATOR
- ☑ HARD HAT
- ☐ TY-VEK
- ☑ SAFETY VEST

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER: Hauling Pros, Inc
ADDRESS: 1990 Olivera Road
CITY, STATE, ZIP: Concord, CA 94520
PHONE: (866) 428-5377 & (925) 682-8987
SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * [signature]
DATE: 10-23-07

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
TM79222	

END DUMP	BOTTOM DUMP	TRANSFER
☐	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT: * [signature]
DATE: 10/23/07

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL - ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

GENERATOR COPY

MANIFEST # 95426

FORWARD INCORPORATED

311597

9999 South Austin Road/WEIGHING LOCATION
Manteca, CA 95336
Landfill: (209) 982-4298 / WEIGHING LOCATION

1145 W. Charter Way
Stockton, CA 95206
Main Office: (209) 466-4482
Fax: (209) 466-1067

SITE	TICKET	GRID
01	292643	

SCALE OPERATOR: M000033 MORLINA O

DATE IN	TIME IN
23 October 2007	3:31 pm

DATE OUT	TIME OUT
23 October 2007	3:31 pm

VEHICLE	ROLL OFF
DARRAH03	

REFERENCE	ORIGIN
	LIVERMORE

007380
S O M A ENVIRONMENTAL ENGINEERING, INC.
ELENA MANZO
6620 OWENS DRIVE, STE. A
PLEASANTON, CA 94588
Contract: 2047712830

Gross Weight 34,300.00 lb
Tare Weight 20,520.00 lb
Net Weight 13,780.00 lb 6.89 TN

THIS IS NOT A SCALE TICKET

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
6.89	TN	SW-CONT SOIL				
1.00	LD	ENVIRONMENTAL FEE				
1.00	LD	FUEL RECOVERY FEE				

MANIFEST# 954255

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

DRIVER'S SIGNATURE _____

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Coffin Butte Landfill**
28972 Coffin Butte Road
Corvallis, OR 97330
Phone (541) 745-2018
Fax (541) 745-3826

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☒ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Wente Brothers
MAILING ADDRESS: 5565 Tesla Road
CITY, STATE, ZIP: Livermore, CA 94550
PHONE: (925) 456-2300
CONTACT PERSON: Aris Krimetz
SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature]
DATE: 10/22/07

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY: 5565 Tesla Road LIVERMORE

WASTE ACCEPTANCE NO.: -7380

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
- ☑ GLOVES
- ☐ GOGGLES
- ☐ RESPIRATOR
- ☐ HARD HAT
- ☐ TY-VEK
- ☐ SAFETY VEST

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER: Hauling Pros, Inc
ADDRESS: 1990 Olivera Road
CITY, STATE, ZIP: Concord, CA 94520
PHONE: (866) 428-5377 & (925) 682-8987
SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * [signature]
DATE: 10-23-07

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
7N46429	D8

END DUMP	BOTTOM DUMP	TRANSFER
☐	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

Dump Truck

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT: * [signature]
DATE: 10-23-07

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

MANIFEST # 95425

GENERATOR COPY

THIRD PARTY SIGNATURE AUTHORIZATION
for Solid Waste Disposal

Date:

September 21, 2007

To Whom It May Concern:

Please be advised that the following company/individual has been appointed to work as our agent for purposes of managing waste materials that we may generate.

Name of Authorized Agent: MANSOUR SEPEHR, PH.D. PE	Title: Principal Hydrogeologist
Name of Company: SOMA Environmental Eng.	Telephone Number: 925-734-6400

The above broker/individual is authorized to act as our authorized agent for the following purposes:

- [X] Complete and sign Generator Waste Profile Sheets.
- [X] Complete and sign Generator Waste Profile Sheet-Recertifications.
- [X] Authorize amendments to Generator Waste Profile Sheets.
- [X] Sign contracts to dispose and/or transport material.
- [X] Sign certifications necessary to comply with landfill requirements.
- [X] Sign manifests to initiate shipment to disposal facilities.

Our authorized broker/agent will notify us prior to any action stated above, and will provide us with copies of any documents bearing our name.

X	Name of Generator (printed): WENTE BROS.	Title: V.P.
X	Name of Company: WENTE BROS. (RICH ARCHER)	Mailing Address: 5565 TESLA RD, LIVERMORE
X	Signature:	Telephone Number: 925 456-2300

ALLIED WAVE

GENERATOR WASTE PROFILE SHEET

Requested Disposal Facility: Forward Landfill
an Allied Waste Company

Waste Profile #

I. Generator Information

Date: Sept 24, 2007

Generator Name: WENTE BROS. (Richard Archer)			
Generator Site Address: 5565 Tesla Road			
City: Livermore	County: Alameda	State: CA	Zip: 94550
Generator State ID Number:		SIC Code Number:	
Generator Mailing Address (if different):			
City:	County:	State:	Zip:
Generator Contact Name: Mr. Aris Krimetz			
Phone Number:		Fax Number:	

II. Transporter Information

Transporter Name: Hauling Pros Inc			
Transporter Address: P.O Box 4033			
City: Walnut Creek	County: Contra Costa	State: CA	Zip: 94596
Transporter Contact Name: Wade Simmons			
Phone Number: 925-229-2239		Fax Number: 925-682-5194	
State Transportation Number: # 834630			

III. Waste Stream Information

Name of Waste:	Excavated Soil
Process Generating Waste:	Storage, parking, garage, Restaurant
Type of Waste:	☐ INDUSTRIAL PROCESS WASTE or ☐ POLLUTION CONTROL WASTE
Physical State:	☒ SOLID ☐ SEMI-SOLID ☐ POWDER ☐ LIQUID ☐ OTHER: ____
Method of Shipment:	☒ BULK ☐ DRUM ☐ BAGGED ☐ OTHER: ____
Estimated Annual Volume:	☐ CUBIC YARDS: ____ ☒ TONS: 100-120 ☐ OTHER: ____
Frequency:	☒ ONE TIME ☐ DAILY ☐ WEEKLY ☐ MONTHLY ☐ OTHER: ____
Special Handling Instructions:	

IV. Representative Sample Certification ☐ NO SAMPLE TAKEN

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent rules?	☒ YES or ☐ NO
Sample Date: 10/10/06 & 9/14/07 Type of Sample: ☒ COMPOSITE SAMPLE	☒ GRAB SAMPLE
Sampler's Employer: SOMA Environmental	
Sampler's Name (printed): Elena Manzo Signature:	

ALLIED WASTE

GENERATOR WASTE PROFILE SHEET (continued)

Waste Profile #

V. Physical Characteristics of Waste

Characteristic Components — % by Weight (range)

1. 95% soil, 5% debris (rock)
2. Dry
3.

Color:	Odor (describe):	Free Liquids:	% Solids:	pH:	Flash Point:	Phenol
Brown	Slight/none	☐ YES or ☒ NO Content ____%	~100%	—	____ °F	____ ppm

Attach Laboratory Analytical Report (and/or Material Safety Data Sheet) Including Required Parameters Provided for this Profile

Does this waste or generating process contain regulated concentrations of the following Pesticides and/or Herbicides: Chlordane, Endrin, Heptachlor (and it epoxides), Lindane, Methoxychlor, Toxaphene, 2,4-D, or 2,4,5-TP Silvex as defined in 40 CFR 261.33?	☐ YES or ☒ NO
Does this waste or generating process cause it to exceed OSHA exposure limits from high levels of Hydrogen Sulfide or Hydrogen Cyanide as defined in 40 CFR 261.23?	☐ YES or ☒ NO
Does this waste contain regulated concentrations of Polychlorinated Biphenyls (PCBs) as defined in 40 CFR Part 761?	☐ YES or ☒ NO
Does this waste contain regulated concentrations of listed hazardous wastes defined in 40 CFR 261.31, 261.32, 261.33, including RCRA F-Listed Solvents?	☐ YES or ☒ NO
Does this waste contain regulated concentrations of 2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCCD), or any other dioxin as defined in 40 CFR 261.31?	☐ YES or ☒ NO
Is this a regulated Toxic Material as defined by Federal and/or State regulations?	☐ YES or ☒ NO
Is this a regulated Radioactive Waste as defined by Federal and/or State regulations?	☐ YES or ☒ NO
Is this a regulated Medical or Infectious Waste as defined by Federal and/or State regulations?	☐ YES or ☒ NO
Is this waste generated at a Federal Superfund Clean Up Site?	☐ YES or ☒ NO

VI. Generator Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true and accurate description of the waste material being offered for disposal. I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue. I further certify that the company has not altered the form or content of this profile sheet as provided by Allied Waste Industries, Inc.

Mansour Sepehr, Principal
AUTHORIZED REPRESENTATIVE NAME AND TITLE (Printed)

AUTHORIZED REPRESENTATIVE SIGNATURE

SOMA Environmental
COMPANY NAME

September 21, 2007
DATE

VII. Allied Waste Decision

☐ Approved ☐ Rejected Expiration: _____

Conditions:

Name, Title | Signature | Date

REPRESENTATIVE SAMPLE CERTIFICATION

The individual who collected the sample should complete this certification in its entirety. A complete lab report, QA/QC, and chain-of-custody should be submitted.

Generator Name:	Richard Archer (WENTE BROS.)
Generator: Address:	5565 TESLA RD Livermore, CA
Site Address: (If Different)	5565 TESLA RD Livermore, CA
Sampler's Name:	
Phone Number:	(925) 734-6400
Name Of Waste:	Excavated Soil
Date Sampled:	Sample Type (circle): (COMPOSITE) (GRAB)
Type of Waste (circle):	(SOLID) SEMI-SOLID SLUDGE LIQUID OTHER
Name of Laboratory:	Curtis and Tompkins
Applicable Sample #'s:	HA-2, HA-3, HA-4, HA-5, HA-6, HA-7, HA-8,
COMMENTS (if any):	HA-9, HA-10 → Drilling analitical results (Sample date: 10/10/2006) -COMP 1-5 → Stockpile samples. (sample date: 9/14/2007)

I hereby certify to the best of my knowledge and belief the sample described above is representative of the waste to be handled and has been collected in accordance with U.S. EPA §40 CFR 261.20(e) guidelines or equivalent rules. **The information/lab report submitted for review is complete and accurate.**

AUTHORIZED REPRESENTATIVE SIGNATURE — DATE: Sept 25, 07

Mansour Sepehr. (SOMA Env.) — AUTHORIZED REPRESENTATIVE (PRINTED NAME)

Principal — TITLE

SOMA Environmental Eng. — COMPANY

ENVIRONMENTAL ENGINEERING, INC
6620 Owens Drive, Suite A • Pleasanton, CA 94588-3334
TEL (925)734-6400 • FAX(925)734-6401

Representative Sample Certification

October 17, 2007
Allied Waste Services

Re: 5565 Tesla Road, Livermore, CA (Subject Site)

To Whom It May Concern:

Please be notified that the operations that have caused the soil contamination at the subject site have seized in the late 1990s, thus qualifying the site for an inactive status. As such, the shallow soil samples collected in October of 2006 are representative of the current site contamination. In addition, the samples analyzed in 2006 for lead and chromium that came back over 50 ppm could not be analyzed for the STLC due to them being over their holding times, and thus discarded by the Curtis and Tompkins Laboratory. Also, a trace concentrations of PCBs were detected in the HA-4A and HA-6A, and Pesticides in HA-6A and HA-10A samples, however since the detected concentrations were very low and were below the Environmental Screening Levels, the corresponding HA-4B, HA-6B and HA-10B samples were not analyzed for PCBs and Pesticides.

Furthermore, a composite sample (COMP 1-5), collected in September of 2007 from the actual waste stockpiles was analyzed for the STLC lead and chromium. As such, the aforementioned composite sample is representative of the waste being profiled for the landfill.

Please do not hesitate to contact me at (925)734-6400, should you have any further questions.

Sincerely,

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

Appendix E

Photographs Taken During Soil Remediation Activities

Below Ground Natural Gas Line Markings

Above Ground Natural Gas Line (Yellow)

Secured Excavation Area

Beginning of Excavation in the Southern Portion of Area 4

Plastic Sheeting beneath Each Stockpile

Installation of the Shoring System (Southern Portion of Excavation Area 4)

Dust Control Measures during the Excavation Activities

Excavation Area 1(View West)

Excavation Areas 2 and 3(View North)

Excavation of Southern Portion of Area 4

View of the Eastern Portion of the Excavation Area 4, after the First Excavation Phase (Rotated)

Eastern Portion of Area 4 (Second Excavation Phase)

View of the Northern Portion of the Excavation Area 4

Covered Stockpiles Located Around Area 1

Covered Stockpiles Located Around Area 4

Soil Loading and Transportation to the Landfill

Watering of Soil Prior to Transport

Cleaning Loose Particles from the Truck's Exterior

Cleaning the Excavation and Stockpile Areas

Cleaning the Excavation and Stockpile Areas