

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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ENVIRONMENTAL HEALTH SERVICES

ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

December 11, 2007

Mr. Aris Krimetz
Wente Winery
5565 Tesla Road
Livermore, CA 94550-9149

Subject: Fuel Leak Case No. RO0002585 and Geotracker Global ID T0600186816, Wente Winery, 5565 Tesla Road, Livermore, CA 94550

Dear Mr. Krimetz:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site including the recently submitted documents entitled, "Remedial Soil Excavation," dated November 1, 2007 and "Fourth Quarter 2007 Groundwater Monitoring Report," dated December 5, 2007. Both reports were prepared on your behalf by SOMA Environmental. The "Remedial Soil Excavation," report dated November 1, 2007 presents the results from excavation and removal of contaminated soil in the area of a former unlined drainage ditch and the steam-cleaning areas near the Welding Shop. A total of 86.4 tons of soil were excavated and transported to Forward Landfill in Manteca, CA for disposal. Based on the results of confirmation soil sampling, no further excavation is required at this time.

The "Remedial Soil Excavation," report dated November 1, 2007 presents plans for the installation of one additional monitoring well in the area south of the Welding Shop. We concur with the proposed well installation methods but request that the location of the well be moved further to the west as shown on the attached Revised Figure 4. We also request that one additional monitoring well be installed upgradient of the off-site water supply well at the location shown on attached Revised Figure 2. Well installation may be implemented provided that the technical comments below are addressed and incorporated during the proposed field investigation. Submittal of a revised Work Plan is not required unless an alternate scope of work outside that described in the Remedial Soil Excavation report or technical comments below is proposed.

The "Fourth Quarter 2007 Groundwater Monitoring Report," dated December 5, 2007 presents results from sampling of the on-site and off-site water supply wells. In previous monitoring events over the past 24 months, chloroethane, chloromethane, tetrahydrofuran, and lead were detected in water samples from the off-site supply well and/or the on-site supply well. TPH as diesel has been detected at concentrations up to 100 micrograms per liter ($\mu\text{g/L}$) in the on-site supply well. During the Fourth Quarter 2007 groundwater monitoring event, no chemicals were detected at concentrations exceeding California Maximum Contaminant Levels for drinking water. Quarterly sampling of the on-site and off-site supply wells may be temporarily discontinued but is to be re-instituted following installation of the two additional monitoring wells. Please see the technical comments below regarding groundwater monitoring.

We request that you address the following technical comments, perform the proposed work, and send us the reports described below.

TECHNICAL COMMENTS ON SHALLOW SOIL INVESTIGATION AND WORK PLAN

1. **Monitoring Well Installation.** The proposed methods for well installation are acceptable. We request that the location of the proposed monitoring well south of the Welding Shop be moved further west as shown on the attached Revised Figure 4. Due to the sporadic detections of chloroethane, chloromethane, tetrahydrofuran, and elevated concentrations of metals in groundwater from the off-site supply well, we request that one groundwater monitoring well also be installed directly upgradient of the off-site water supply well as shown on attached Revised Figure 2. The purpose of this well is to sample shallow groundwater in the area of the off-site water supply well to help evaluate the sporadic detections of volatile organic compounds and metals in water from the off-site supply well. The two additional monitoring wells are to be sampled no sooner than 48 hours after development. Please see technical comment 4 below regarding groundwater analyses. Please present the well installation and sampling results in the Monitoring Well Installation and Sampling Report requested below.
2. **Quarterly Sampling Results for Water Supply Wells.** The concentrations of cadmium, chromium, lead, nickel, and zinc in groundwater collected from the water supply wells during the fourth quarter 2007 sampling event do not exceed water quality criteria for drinking water. The California Primary Maximum Contaminant Level and Regional Water Quality Control Board Environmental Screening Level for drinking water toxicity for zinc is 5,000 micrograms per liter ($\mu\text{g/L}$) rather than 500 $\mu\text{g/L}$. Therefore, the detection of 710 $\mu\text{g/L}$ of zinc in groundwater from the off-site water supply well does not exceed applicable water quality criteria. Please also note that the California MCL for lead is 15 $\mu\text{g/L}$. Please use these screening levels for zinc and lead in future groundwater monitoring reports. Quarterly sampling of the water supply wells may be temporarily discontinued until the two additional monitoring wells are installed. We request that you re-institute quarterly sampling of the on-site and off-site water supply wells after the two additional monitoring wells are installed.
3. **Measuring Water Levels in Monitoring Wells.** Although semi-annual sampling of the three on-site monitoring wells (MW-1, MW-2, and MW-3) has been temporarily discontinued, we request that you measure water levels in these wells during all future groundwater sampling events.
4. **Laboratory Analyses of Groundwater Samples.** We request that you analyze groundwater samples from the two additional groundwater monitoring wells and the on-site and off-site water supply wells for Groundwater samples from the water supply wells are to be analyzed for TPH as diesel using EPA Method 8015, TPH as gasoline and volatile organics (full target list including MTBE and tetrahydrofuran) using EPA Method 8260B, and CAM 17 metals using EPA Methods 6010B and 7470A. Analyses for TPH as motor oil is no longer required.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **May 5, 2008** – Monitoring Well Installation and Sampling Report
- **45 days after end of each quarter** – Groundwater Monitoring Report

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND


Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham
Hazardous Materials Specialist

Attachments: Revised Figure 2 and Revised Figure 4

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

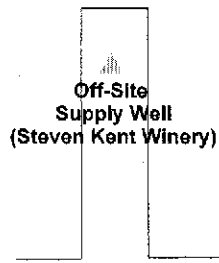
cc: Cheryl Dizon, QIC 80201, Zone 7 Water Agency, 100 North Canyons Parkway
Livermore, CA 94551

Mansour Sepehr, SOMA Environmental Engineering, 6620 Owens Drive, Suite A
Pleasanton CA 94588-3334

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

- ▲ MONITORING WELL (May 2005)
- ▲ PRIVATE WATER WELL
- ◆ TEMPORARY WELL BOREHOLE (June 24, 2005)
- CPT BOREHOLE (October 2005)
- ◆ HSA CALIBRATION BOREHOLE
- ◆ SOIL BORING (April 2003 By Clayton)
- ◆ ANGLD SOIL BORING (April 2003 By Clayton)

Attachment
Revised Figure 2



Additional Monitoring Wells



approximate scale in feet

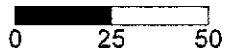
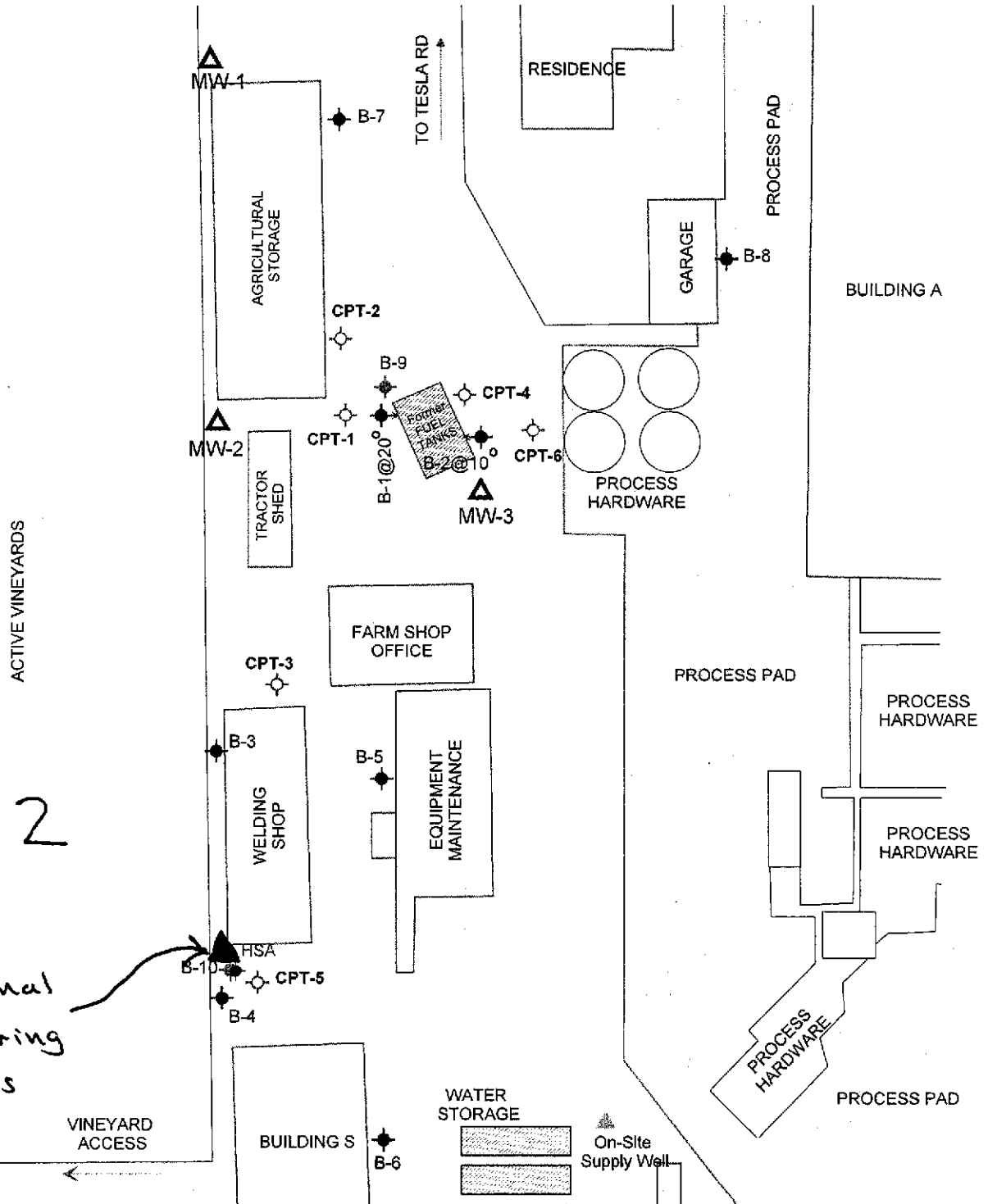


Figure 2: Map showing locations of newly installed wells, temporary well boreholes, and previous soil borings installed by Clayton group.



Revised Figure 4 Attachment

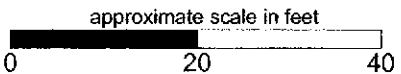
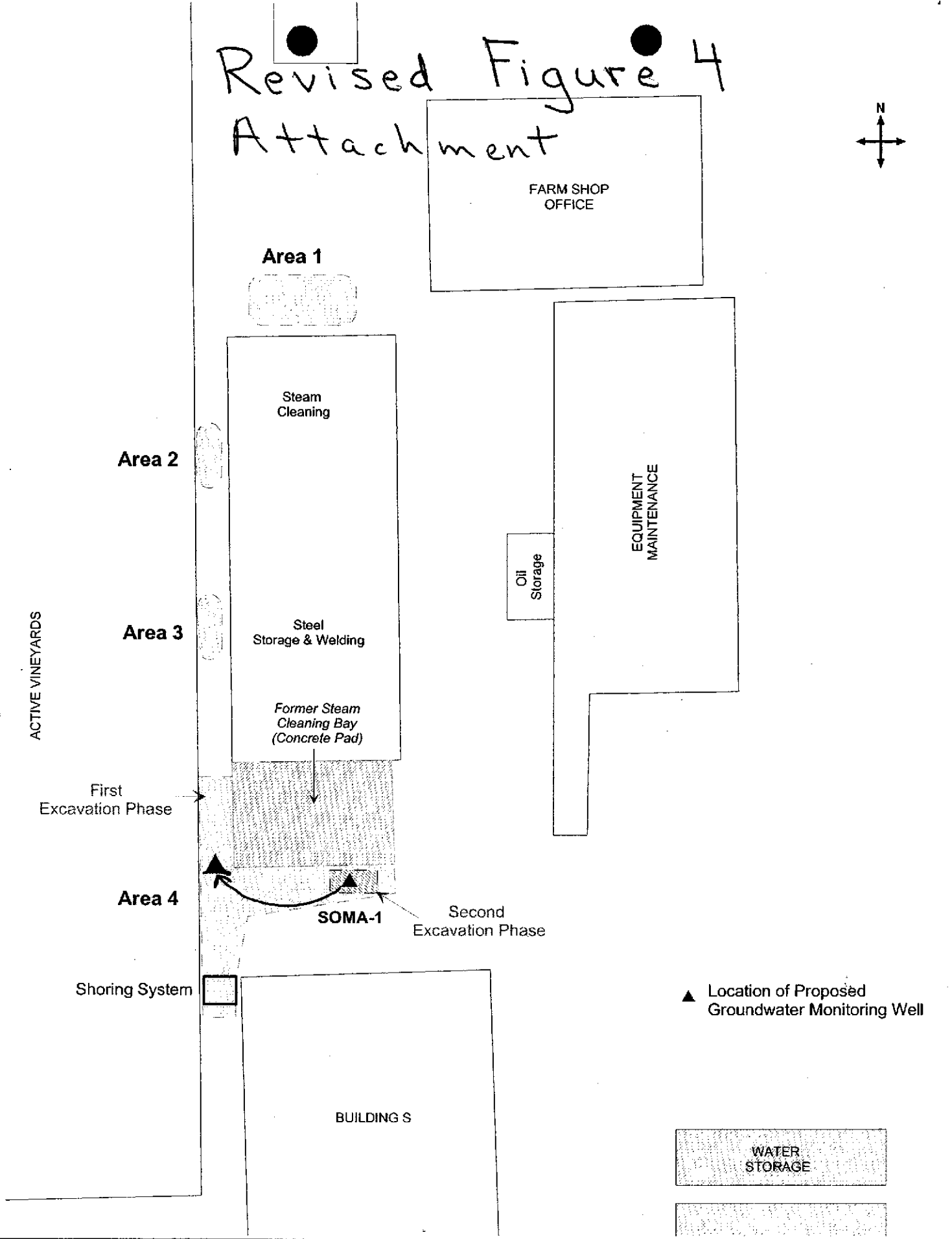
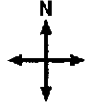


Figure 4: Location of proposed groundwater monitoring well

RO 2585



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

October 22, 2007

Alameda County

OCT 23 2007

Environmental Health

Mr. Jerry Wickham
Alameda County Health Care Services Agency
Environmental Health Services, Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Fuel Leak Case No.RO0002585:Fourth Qtr 2007 Groundwater Monitoring Event
Site Location: Wente Vineyards, 5565 Tesla Road, Livermore, CA

Dear Mr. Wickham:

Please be advised that SOMA has scheduled the **Fourth Quarter 2007** groundwater monitoring event to be conducted on Tuesday, October 30th, 2007. Our field crew will arrive at the site at approximately 10:00am. Sometimes, however, unforeseen events may cause us to have to reschedule and should this be the case you will be notified immediately.

If you have any questions or comments, please contact Mansour Sepehr at (925) 734-6400.

Sincerely,

A handwritten signature in cursive script that reads "Joyce Bobek".

Joyce Bobek
Vice President of Operations

cc: Mr. Aris Krimetz

Wickham, Jerry, Env. Health

To: Elena Manzo

Subject: RE: Extension Request for Remedial Soil Excavation @ 5565 Tesla Road, Livermore, CA

Elena,

Based upon your request, the schedule for submittal of an excavation report is extended to November 1, 2007.

Regards,

Jerry Wickham

Alameda County Environmental Health

1131 Harbor Bay Parkway

Alameda, CA 94502-6577

510-567-6791 phone

510-337-9335 fax

jerry.wickham@acgov.org

From: Elena Manzo [<mailto:emanzo@somaenv.com>]

Sent: Tuesday, September 25, 2007 2:00 PM

To: Wickham, Jerry, Env. Health

Subject: Extension Request for Remedial Soil Excavation @ 5565 Tesla Road, Livermore, CA

September 25, 2007

Mr. Jerry Wickham

Alameda County Environmental Health Services

1131 Harbor Bay Parkway, Suite 250

Alameda, California 94502

Re: Request for Extension for the Remedial Soil Excavation Report (5565 Tesla Road, Livermore, CA)

Dear Mr. Wickham:

SOMA is submitting this letter to request an extension for the remedial soil excavation report for the site located at 5565 Tesla Road, Livermore, CA. The initial technical report is due to Alameda County Environmental Health on October 1, 2007. However, as we discussed, based on the results of the confirmation sampling some additional soil excavation and sampling will be necessary to remove the residual soil contamination and to confirm that the clean-up levels for the site have been met. As such, SOMA would like to request a 30-day extension from the original deadline to allow for the above mentioned activities, with the report being due to your office on November 1, 2007.

Thank you very much for your patience and understanding, please do not hesitate to call us at (925) 734-6400, if you have any questions or comments.

9/25/2007

Wickham, Jerry, Env. Health

From: Elena Manzo [emanzo@somaenv.com]
Sent: Thursday, September 06, 2007 11:57 AM
To: Wickham, Jerry, Env. Health
Subject: Remedial Excavation Notification_5565 Tesla Road, Livermore

Mr. Wickham,

As we discussed, the excavation at 5565 Tesla Road, Livermore, CA is scheduled to start on **September 13, 2007** at 7:30 am.

SOMA will be on-site to mark the areas on **September 7th, 2007** between hours of 8:00 am and 8:30 am.

If the excavation activities (the dig) are not finished the same day, SOMA will arrange for the contractor to finish the excavation on either the 14th or the 17th of September (pending the availability of the contractor). The excavated soil will be stockpiled on-site and covered until the confirmation sampling and waste profiling is complete. The said process will take at least 7-10 business days. Once the waste has been accepted, it will be promptly hauled off-site and the excavated areas will be restored with imported clean fill. The remedial excavation report is due to your office on October 1, 2007.

Thank you very much for your time, please do not hesitate to contact me at 925-734-6400 should you have any further questions and concerns.

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

RO2585

Wickham, Jerry, Env. Health

To: Mansour Sepehr**Subject:** RE: Request for Extension at Wente Winery Site

Mansour,

Based upon your request, the schedule for submittal of an excavation report for case RO2585 is extended to October 1, 2007.

Regards,

Jerry Wickham

Alameda County Environmental Health

1131 Harbor Bay Parkway

Alameda, CA 94502-6577

510-567-6791 phone

510-337-9335 fax

jerry.wickham@acgov.org

From: Mansour Sepehr [mailto:msepehr@somaenv.com]**Sent:** Tuesday, July 10, 2007 12:02 PM**To:** Wickham, Jerry, Env. Health**Subject:** Request for Extension at Wente Winery Site

Jerry:

On behalf of Wente Winery, I would like to request a 45-day extension for conducting soil clean-up activities at the subject site located at 5565 Tesla Road, Livermore, California. Wente requesting this extension for financial reasons. The required budget for such undertaking is included in their next fiscal year which will be started October 1, 2007.

Thank you for your consideration in this matter.

Regards

Mansour Sepehr

7/12/2007

R2585

Wickham, Jerry, Env. Health

From: Elena Manzo [emanzo@somaenv.com]
Sent: Tuesday, May 01, 2007 1:39 PM
To: Wickham, Jerry, Env. Health
Cc: 'Mansour Sepehr'
Subject: Re: 5565 Tesla Road, Livermore

Mr. Wickham,

Thank you very much for returning my call. As per our phone conversation, due to the fact that during the preceding soil investigations at 5565 Tesla Road, Livermore, the VOC's in the soil samples were at non-detectable levels and the soil vapor sampling (Method TO-15) did not reveal levels above the Soil Gas Screening Levels, confirmation samples collected from the sidewalls and centerlines of the excavated areas will only be analyzed for TPH-d and TPH-mo using EPA Method 8015B with silica gel cleanup, and CAM 17 metals using EPA Methods 6010. In addition, only samples collected in areas where PID readings show elevated levels (if any) will be analyzed for volatile organics using EPA Method 8260B (including tetrahydrofuran and chloroethane). Please do not hesitate to call me should you have any further questions or concerns.

Sincerely,

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

5/1/2007

RO2585



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

April 24, 2007

Mr. Jerry Wickham
Alameda County Health Care Services Agency
Environmental Health Services, Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Fuel Leak Case No.RO0002585:Second Qtr 2007 Groundwater Monitoring Event
Site Location: Wente Vineyards, 5565 Tesla Road, Livermore, CA

Dear Mr. Wickham:

Please be advised that SOMA has scheduled the **Second Quarter 2007** groundwater monitoring event to be conducted on Monday, April 30, 2007. Our field crew will arrive at the site at approximately 10:00am. Sometimes, however, unforeseen events may cause us to have to reschedule and should this be the case you will be notified immediately.

If you have any questions or comments, please contact Mansour Sepehr or Tony Perini at (925) 734-6400.

Sincerely,

Joyce Bobek
Vice President of Operations

cc: Mr. Aris Krimetz

APR 26 2007
ENVIRONMENTAL ENGINEERING, INC

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

March 26, 2007

Mr. Aris Krimetz
Wente Winery
5565 Tesla Road
Livermore, CA 94550-9149

Subject: Fuel Leak Case No. RO0002585 and Geotracker Global ID T0600186816, Wente Winery, 5565 Tesla Road, Livermore, CA 94550

Dear Mr. Krimetz:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site including the recently submitted documents entitled, "Additional Site Investigation and Work Plan for Shallow Soil Excavation and Sampling," dated March 2, 2007 and "First Quarter 2007 Groundwater Monitoring Report," dated March 5, 2007. Both reports were prepared on your behalf by SOMA Environmental. The "Additional Site Investigation and Work Plan for Shallow Soil Excavation and Sampling," dated March 2, 2007 presents the results of shallow soil borings advanced in the area north of the welding shop and beneath the concrete pad south of the former steam cleaning area. The document also presents plans to conduct soil excavation and confirmation soil sampling in the area of a former unlined drainage ditch and the steam-cleaning areas near the Welding Shop. The soil excavation and removal may be implemented provided that the technical comments below are addressed and incorporated during the excavation. Submittal of a revised Work Plan is not required unless an alternate scope of work outside that described in the Work Plan or technical comments below is proposed.

The "First Quarter 2007 Groundwater Monitoring Report," dated March 5, 2007 presents the results from sampling of the on-site and off-site water supply wells. In previous monitoring events over the past 12 months, chloroethane, chloromethane, tetrahydrofuran, and lead were detected in water samples from the off-site supply well and/or the on-site supply well. TPH as diesel has been detected at concentrations up to 100 micrograms per liter ($\mu\text{g/L}$) in the on-site supply well. During the First Quarter 2007 groundwater monitoring event, zinc was detected at a concentration of 7,200 $\mu\text{g/L}$ in water from the off-site well, which exceeds the California Maximum Contaminant Level for drinking water.

We request that you address the following technical comments, perform the proposed work, and send us the reports described below.

TECHNICAL COMMENTS ON SHALLOW SOIL INVESTIGATION AND WORK PLAN

1. **Lateral Extent of Excavation.** The proposed lateral extent of excavation to remove known locations with elevated concentrations of petroleum hydrocarbons and metals is generally acceptable. However, the lateral extent of contamination has not been fully defined along the perimeters of the excavation such as the area south of boring HA-4. The excavation

must be expanded as necessary to remove contaminated soil with odor, staining, or elevated PID readings. The excavation must also be expanded if confirmation samples indicate that soil with chemical concentrations exceeding Environmental Screening Levels (Water Board February 2005) remain in place at the perimeters of the excavation.

2. **Vertical Extent of Excavation.** The Work Plan currently proposes to excavate to a depth of 1.5 feet bgs in areas where the soil sample collected from 1.0 to 1.5 feet bgs exceeded screening criteria and to excavate to a depth of 3.5 feet bgs in areas where the soil sample collected from 3.0 to 3.5 feet bgs exceeded screening criteria. Assuming that the contamination only to the depth of the sample is not a reasonable assumption. Therefore, we request that soils be excavated to a depth of 3 feet bgs in areas where excavation to 1.5 feet bgs is currently proposed and 5.0 feet bgs in areas where excavation to 3.5 feet bgs is currently proposed.
3. **Confirmation Soil Sampling.** The Work Plan proposes the collection of sidewall confirmation soil samples for every 20-foot by 20-foot area in the base of the excavation. Since the excavations generally have a linear configuration, we request that confirmation samples be collected along the approximate center line or in the area of observed contamination at a distance of no greater than every 15 feet along the bottom of each excavation. A minimum of two confirmation samples is to be collected from the bottom of each of the smaller excavations. Confirmation soil samples are also to be collected from the sidewalls of each excavation. The Work Plan currently proposes that the number of sidewall samples will be determined at the time of excavating activities based on field observations and the overall area and geometry of the excavation. Determining the number of sidewall samples based on these factors is acceptable; however, the sidewall samples are to be no greater than 20 feet apart. Specifically, sidewall samples must be collected from the furthest north, south, and east extent of the excavation near the former steam cleaning bay south of the welding shop. Similarly, sidewall samples must be collected from the furthest east and west extent of the excavation north of the welding shop in the area of boring HA-10. Additionally, sidewall samples are to be collected from any visually stained or odor-impacted soil. The sidewall samples are to be collected from the depths at which the greatest contamination is observed during excavation and screening of the soils. As an example, if the greatest visual staining, odor, and PID readings are observed at a depth of 2.0 feet bgs along a sidewall, the confirmation samples from the sidewall are to be collected from a depth of 2.0 feet bgs. Additional confirmation soil samples beyond those based on the above distances are to be collected if highly variable soil conditions are observed or the extent of contamination appears to be highly variable or at the direction of ACEH during field inspection of the excavation. In addition, confirmation samples are to be collected along any features such as backfilled utility trenches that could potentially act as preferential pathways. Please present the results of the soil excavation and confirmation soil sampling in the Excavation Report requested below.
4. **Variable Results from Groundwater Sampling in the Welding Shop Area.** Elevated concentrations of metals have been detected in soil and groundwater within the area of the welding shop; however, the groundwater analytical results have been variable. As an example, elevated concentrations of cadmium, chromium, lead, and nickel were detected in a grab groundwater samples collected from boring B-10, which was located south of the welding shop. The data quality of the grab groundwater sample from boring B-10 was

questioned in the site investigation report presenting the results from boring B-10. Elevated concentrations of mercury were detected in the grab groundwater samples collected from borings CPT-3 and CPT-5, which are located north and south of the welding shop, respectively. No metals other than mercury were analyzed in the groundwater samples from borings CPT-3 and CPT-5. Elevated concentrations of lead and zinc have been detected in water samples from the off-site supply well, which is either west or northwest of the welding shop (see technical comment 5). Total petroleum hydrocarbons as gasoline and volatile organic compounds were not detected in grab groundwater samples from borings GS-1 and GS-2; however, a groundwater sample was not collected from the upper zone in boring GS-1 and the groundwater samples were not analyzed for metals. In order to assess whether groundwater has been impacted in the area of the welding shop, we request that you install monitoring wells in the area of the welding shop following the proposed soil removal. Please review the results of the soil removal prior to proposing the locations of the monitoring wells.

5. **Location of Off-site Supply Well.** Figure 1 of the Work Plan shows the off-site well west of the welding shop. Site vicinity maps and concentration contour maps presented in previous reports have shown the off-site supply well to be located several hundred feet to the north of the location shown on Figure 1. Please verify the location and present the correct location in all future reports.
6. **Quarterly Sampling of Water Supply Wells.** Quarterly groundwater sampling must be continued for the on-site water supply well and off-site water supply well at 5443 Tesla Road. Due to the sporadic detections of chloroethane, chloromethane, tetrahydrofuran, and elevated concentrations of metals, continued monitoring is necessary to confirm that these chemicals are not currently or periodically present in the water supply wells. Of particular concern is the detection of lead at 26 µg/L in both the on-site and off-site water supply wells in May 2006 and the detection of 7,200 µg/L of zinc in the off-site well. These concentrations exceed the California Maximum Contaminant Levels for these metals. Groundwater samples from the water supply wells are to be analyzed for TPH as gasoline, TPH as diesel, TPH as motor oil, volatile organics (full target list including MTBE), and metals. You may discontinue the collection of a duplicate water sample from the on-site supply well for analysis of one sample following silica gel cleanup and analysis of one sample not subject to silica gel cleanup. The results are to be presented in the Quarterly Monitoring Reports requested below.
7. **Purge Volumes for Sampling of Water Supply Wells.** A total of 20 to 24 gallons of water were purged during sampling of the on-site and off-site water supply wells. It is not clear that the purge volume is sufficient to obtain representative samples from the surrounding formation given the typical diameter and depth of water supply wells. We also question why the downhole pumps in the supply wells appear to pump less than one gallon per minute based on the purge volume and duration of pumping and why water samples from a supply well would be turbid. In addition, the information that would be required for low flow sampling based on parameter stabilization such as the depth to water, change in water level with time, and pump location relative to the water table were not collected. Therefore, we request that you review the well construction details to determine the casing volumes for the wells and increase the purge volume as necessary to obtain representative formation samples. Please implement and present the revised sampling methods in the next quarterly monitoring report requested below.

8. **Filtering of Water Samples from Supply Wells.** Water samples collected from a supply well should not require filtering. Filtering of water collected from water supply wells does not improve the accuracy of analytical results and is only implemented in cases where water samples of reasonable quality cannot be obtained. Water samples collected from the water supply wells for metals analysis are NOT to be filtered in the field or in the laboratory during future sampling events.
9. **Potential Sources of Diesel Fuel in On-site Water Supply Well.** The discussion of potential sources of diesel fuel detected in the water supply wells identifies an area adjacent to the on-site water supply well used for temporary parking of equipment. Please indicate whether there is a potential for surface runoff from this area to enter the supply well or infiltrate in the area of the supply well.
10. **Sampling of Monitoring Wells.** Semi-annual sampling of the three on-site monitoring wells may be temporarily discontinued. However, we will request a minimum of one additional groundwater sampling event following installation of the monitoring wells requested in technical comment 4 above.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **July 31, 2007** – Soil Excavation Report and Proposed Locations for Monitoring Wells
- **45 days after end of each quarter** – Groundwater Monitoring Report

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the

SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

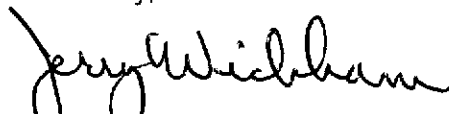
AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

Aris Krimetz
RO0002585
March 26, 2007
Page 6

If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Colleen Winey, QIC 80201
Zone 7 Water Agency
100 North Canyons Parkway
Livermore, CA 94551

Mansour Sepehr
SOMA Environmental Engineering
6620 Owens Drive, Suite A
Pleasanton CA 94588-3334

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

R02585



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

January 18, 2007

Mr. Jerry Wickham
Alameda County Health Care Services Agency
Environmental Health Services, Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Fuel Leak Case No. RO0002585: First Qtr 2007 Groundwater Monitoring Event
Site Location: Wente Vineyards, 5565 Tesla Road, Livermore, CA

Dear Mr. Wickham:

Please be advised that SOMA has scheduled the **First Quarter 2007** groundwater monitoring event to be conducted on Tuesday, January 30, 2007. Our field crew will arrive at the site at approximately 9:30am. Sometimes, however, unforeseen events may cause us to have to reschedule and should this be the case you will be notified immediately.

If you have any questions or comments, please contact Mansour Sepehr or Tony Perini at (925) 734-6400.

Sincerely,

A handwritten signature in black ink that reads 'Joyce Bobek'. The signature is written in a cursive, flowing style.

Joyce Bobek
Vice President of Operations

cc: Mr. Aris Krimetz

2007 JAN 19 PM 1:30

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

December 15, 2006

Mr. Aris Krimetz
Wente Winery
5565 Tesla Road
Livermore, CA 94550-9149

Subject: Fuel Leak Case No. RO0002585, Wente Winery, 5565 Tesla Road, Livermore, CA

Dear Mr. Krimetz:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site and the documents entitled, "Additional Site Investigation in the Area of Steam Cleaning Operations," dated November 15, 2006 and "Third Quarter 2006 Groundwater Monitoring Report," dated September 11, 2006. Both reports were prepared on your behalf by SOMA Environmental. The "Additional Site Investigation in the Area of Steam Cleaning Operations," dated November 15, 2006 presents the results of site investigation activities in the area of an unlined drainage ditch and the steam-cleaning areas near the Welding Shop. Total petroleum hydrocarbons (TPH) as diesel, TPH as motor oil, and metals were detected at elevated concentrations in soil samples collected around the perimeter of the steam cleaning areas and unlined ditch. We concur with the recommendation to excavate and remove shallow soil in the steam cleaning areas and unlined drainage ditch. Therefore, we request that you submit a **Work Plan by March 2, 2007** that describes the excavation and confirmation soil sampling procedures.

The "Third Quarter 2006 Groundwater Monitoring Report," dated September 11, 2006 presents the results from sampling of the three monitoring wells and two water supply wells at the site. In previous monitoring events over the past 12 months, chloroethane, chloromethane, tetrahydrofuran, and lead were detected in water samples from the off-site supply well and/or the on-site supply well. TPH as diesel has been detected at concentrations up to 100 micrograms per liter ($\mu\text{g/L}$) in the on-site supply well during the past five quarterly sampling events. Please see technical comments 4 and 5 below regarding future sampling of the water supply and groundwater monitoring wells.

We request that you address the following technical comments, perform the proposed work, and send us the reports described below.

TECHNICAL COMMENTS

1. **Excavation of Shallow Soil South of Welding Shop.** We concur with the proposed excavation and removal of shallow soil from the perimeter of the former steam cleaning bay south of the welding shop. Please note that the extent of elevated concentrations of TPH as motor oil south of boring HA-4 has not been defined. The excavation is to be extended to the south along the unlined drainage ditch to remove contaminated shallow soil. Please present

plans for shallow excavation and confirmation sampling in the Work Plan requested below. Soil samples will be required on the bottoms and sidewalls of the excavation, including soil beneath the concrete pad. Removal of soil beneath the concrete pad will be required if stained or odorous soil is observed or confirmation samples indicate that soil with chemical concentrations exceeding Environmental Screening Levels (Water Board February 2005) is present beneath the concrete pad.

2. **Excavation of Shallow Soil in Area of Boring HA-10.** Figure 7 of the Additional Site Investigation in the Area of Steam Cleaning Operations," report shows only a small area around sampling location HA-10 in the area north of the Welding Shop as the recommended area for excavation. Volatile organic compounds were detected in the soil vapor sample collected from SV-9. Please expand the proposed area of excavation to include SV-9 and a larger area around boring HA-10. Due to the limited number of samples collected in this area, additional soil sampling will be required in the area north of the Welding Shop to confirm that the proposed area of excavation and confirmation sampling is of sufficient extent. Plans for excavation and sampling in this area are to be presented in the Work Plan requested below.
3. **Potential Sources of Diesel Fuel in On-site Water Supply Well.** The water supply well is apparently located upgradient of both the fuel release from the former USTs and the steam cleaning areas. We request that you identify any areas of the site that potentially could be sources of the diesel fuel detected in the water supply wells. Please provide a map that shows all areas of the site where diesel fuel is stored or potentially could be discharged to the surface or subsurface. This information is requested in the Work Plan described below.
4. **Quarterly Sampling of Water Supply Wells.** Quarterly groundwater sampling must be continued for the on-site water supply well and off-site water supply well at 5443 Tesla Road. Due to the sporadic detections of chloroethane, chromethane, tetrahydrofuran, and elevated concentrations of metals, continued monitoring is necessary to confirm that these chemicals are not currently or periodically present in the water supply wells. Of particular concern is the detection of lead at 26 µg/L in both the on-site and off-site water supply wells in May 2006, which exceeds the California regulatory action level and Federal Maximum Contaminant Level for lead of 15 µg/L. Groundwater samples from the water supply wells are to be analyzed for TPH as gasoline, TPH as diesel, TPH as motor oil, volatile organics (full target list including MTBE), and metals. In order to help assess the detections of TPH as diesel in the on-site water supply well, we request that you collect two duplicate samples from the on-site water supply well and analyze one water sample following silica gel cleanup and one sample not subject to silica gel cleanup. The results are to be presented in the Quarterly Monitoring Reports requested below.
5. **Sampling of Monitoring Wells.** Sampling of the three monitoring wells may be reduced in frequency from quarterly to semi-annual monitoring. Samples from the three on-site monitoring wells are to be analyzed for TPH as gasoline, TPH as diesel, TPH as motor oil, BTEX, and MTBE. Please present the semi-annual monitoring results in the reports requested below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **March 2, 2007** – Work Plan for Shallow Soil Excavation and Sampling
- **45 days after end of each quarter** – Groundwater Monitoring Report

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

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evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

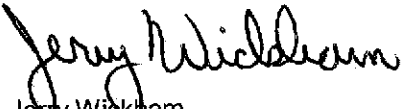
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

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If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Colleen Winey, QIC 80201
Zone 7 Water Agency
100 North Canyons Parkway
Livermore, CA 94551

Mansour Sepehr
SOMA Environmental Engineering
6620 Owens Drive, Suite A
Pleasanton CA 94588-3334

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

**Alameda County Environmental Cleanup
Oversight Programs
(LOP and SLIC)**

ISSUE DATE: July 5, 2005

REVISION DATE: May 31, 2006

PREVIOUS REVISIONS: October 31, 2005,
December 16, 2005

SECTION: Miscellaneous Administrative Topics & Procedures

SUBJECT: Electronic Report Upload (ftp) Instructions

Effective January 31, 2006, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

REQUIREMENTS

- Entire report including cover letter must be submitted to the ftp site as a single portable document format (PDF) with no password protection. (Please do not submit reports as attachments to electronic mail.)
- It is preferable that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- Signature pages and perjury statements must be included and have either original or electronic signature.
- Do not password protect the document. Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. Documents with password protection will not be accepted.
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:
RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Additional Recommendations

- A separate copy of the tables in the document should be submitted by e-mail to your Caseworker in Excel format. These are for use by assigned Caseworker only.

Submission Instructions

- 1) Obtain User Name and Password:
 - a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
 - i) Send an e-mail to dehloptoxic@acgov.org
or
 - ii) Send a fax on company letterhead to (510) 337-9335, to the attention of: ftp Site Coordinator.
 - b) In the subject line of your request, be sure to include "ftp PASSWORD REQUEST" and in the body of your request, include the Contact Information, Site Addresses, and the Case Numbers (RO# available in Geotracker) you will be posting for.
- 2) Upload Files to the ftp Site
 - a) Using Internet Explorer (IE4+), go to <ftp://alcoftp1.acgov.org>
 - (i) Note: Netscape and Firefox browsers will not open the FTP site.
 - b) Click on File, then on Login As.
 - c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
 - d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
 - e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.
- 3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
 - a) Send email to dehloptoxic@acgov.org notify us that you have placed a report on our ftp site.
 - b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name at acgov.org. (e.g., firstname.lastname@acgov.org)
 - c) The subject line of the e-mail must start with the RO# followed by Report Upload. (e.g., Subject: RO1234 Report Upload)

Ro 2555

Wickham, Jerry, Env. Health

From: Wickham, Jerry, Env. Health
Sent: Thursday, October 05, 2006 6:39 PM
To: 'Elena Manzo'
Subject: RE: 5565 Tesla Road, Livermore, (Soil Vapor Sampling)
Attachments: DTSC - LARWQCB - Advisory - Active Soil Gas Investigations.pdf

Elena,

It is fine to proceed. Attached is the soil gas guidance - section 2.6.4A discusses wet conditions.

Regards,

Jerry Wickham

Hazardous Materials Specialist

Alameda County Environmental Health

1131 Harbor Bay Parkway

Suite 250

Alameda, CA 94502-6577

510-567-6791 phone

510-337-9335 Fax

jerry.wickham@acgov.org

From: Elena Manzo [mailto:emanzo@somaenv.com]
Sent: Thursday, October 05, 2006 5:29 PM
To: Wickham, Jerry, Env. Health
Subject: 5565 Tesla Road, Livermore, (Soil Vapor Sampling)

October 5, 2006

Mr. Wickham,

As per our morning phone conversation, the recent precipitation event (approximately 0.1" in the Livermore area, according to the National Oceanic and Atmospheric Administration's 24 hour report) should not be considered "significant" especially with respect to our target sampling depth of 4.5-5' bgs. Therefore, unless more significant rainfall is recorded in the following days, SOMA would like to proceed with the drilling activities scheduled for October 9 and 10. Shallow soil sampling will be done on Monday (October 9, 2006), and soil vapor sampling will be done on Tuesday (October 10, 2006).

Please do not hesitate to call me if you have any further questions or concerns regarding this matter.

Sincerely,

Elena Manzo
925-734-6400

10/5/2006

Wickham, Jerry, Env. Health

To: Mansour Sepehr
Subject: RE: 5565 Tesla Road on Geotracker

Mansour,

Based on your request, the schedule for submittal of a Site Assessment Report is extended to November 15, 2006.

Regards,
Jerry Wickham
Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Parkway
Suite 250
Alameda, CA 94502-6577
510-567-6791 phone
510-337-9335 Fax
jerry.wickham@acgov.org

From: Mansour Sepehr [mailto:msepehr@somaenv.com]
Sent: Tuesday, October 03, 2006 2:37 PM
To: Wickham, Jerry, Env. Health
Subject: RE: 5565 Tesla Road on Geotracker

Jerry:

I would like to request an extension for conducting an additional site investigation around the steam clean area at Wente Winery. The reason for this request is that the client did not sign our contract until a couple of weeks ago and we had a hard time scheduling a drilling subcontractor to do the job. The original deadline is October 10, 2006, however, I request it to be extended until November 15, 2006. Thank you for your consideration on this matter.

Mansour Sepehr

-----Original Message-----

From: Wickham, Jerry, Env. Health [mailto:jerry.wickham@acgov.org]
Sent: Friday, August 12, 2005 11:49 AM
To: msepehr@somaenv.com
Subject: 5565 Tesla Road on Geotracker

Mansour,

The 5565 Tesla Road site is now on Geotracker for data entry (T0600186816) . Electronic submittal is required for all compliance data for UST and SLIC sites regardless of funding.

Thanks for letting me know this site was not previously set up on Geotracker.

Regards,
Jerry Wickham

10/4/2006

September 11, 2006

Alameda County
SEP 14 2006
Environmental Health

Project: 2841

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

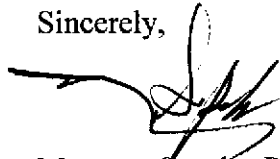
Subject: Fuel Leak Case No. RO0002585, Wente Winery
Site Located at 5565 Tesla Road, Livermore, California

Dear Mr. Wickham:

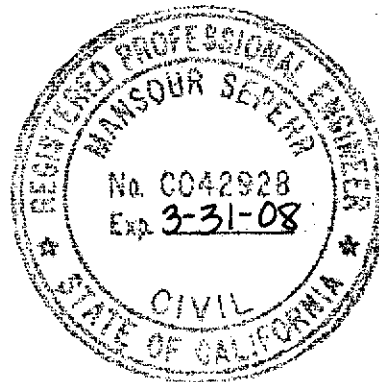
SOMA's "Third Quarter 2006 Groundwater Monitoring Report" for the subject site has been uploaded to the State's GeoTracker database and Alameda County's FTP site for your review.

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

Sincerely,



Mansour Sepehr, Ph.D., PE
Principal Hydrogeologist



cc: Mr. Aris Krimetz w/report enclosure

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



7

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

June 2, 2006

Mr. Aris Krimetz
Wente Winery
5565 Tesla Road
Livermore, CA 94550-9149

Subject: Fuel Leak Case No. ~~RO0002285~~, Wente Winery, 5565 Tesla Road, Livermore, CA –
Work Plan Approval

Dear Mr. Krimetz:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site and the documents entitled, "Revised Work Plan and Response to Alameda County Environmental Health Staff's May 3, 2006 Comments, Fuel Leak Case No. RO0002585," dated May 25, 2006 and "Second Quarter 2006 Groundwater Monitoring Report," dated May 24, 2006. The "Revised Work Plan and Response to Alameda County Environmental Health Staff's May 3, 2006 Comments, Fuel Leak Case No. RO0002585," adequately addresses our May 3, 2006 comments. We concur with the Revised Work Plan provided that technical comment 1 is addressed during the field investigation.

We request that you address the following technical comments, perform the proposed work, and send us the reports described below.

TECHNICAL COMMENTS

- 1. Comment 4 - Analysis of Lower Soil Sample in Hand Auger Borings.** The Revised Work Plan proposes to analyze the lower soil sample (3 to 3.5 feet bgs) only if the results of laboratory analysis on the shallower depth interval (1 to 1.5 feet bgs) show, "detectable levels of targeted constituents." This proposal is generally acceptable; however, the lower soil sample is to be analyzed regardless of laboratory results if any evidence of contamination such as staining, odor, or elevated PID readings is observed in the field at any interval within the hand auger boring. The proposed laboratory results criterion of "detectable levels of targeted constituents," to trigger analysis of the lower soil sample is acceptable for TPH, VOCs, polynuclear aromatic hydrocarbons, pesticides, and PCBs. For metals, the criterion should be clarified as concentrations exceeding ambient rather than "detectable levels of targeted constituents," since ambient concentrations of metals are likely to be detected.
- 2. Second Quarter 2006 Groundwater Monitoring.** No analyses for tetrahydrofuran appear to have been performed on groundwater samples collected for quarterly monitoring on May 5, 2006. Tetrahydrofuran is a chemical of concern for the site due to the detection of 19,700 micrograms per liter of tetrahydrofuran in groundwater collected from the off-site supply well during the fourth quarter 2005 monitoring event. Tetrahydrofuran was included as an analyte for samples collected during the February 2006 groundwater sampling event. It is unclear

why tetrahydrofuran would not be included as an analyte during the May 5, 2006 groundwater sampling event. Tetrahydrofuran is to be included as an analyte for all VOC analyses performed at the site. Quarterly groundwater monitoring is to be continued.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **October 10, 2006** – Subsurface Investigation Report
- **October 17, 2006** – Quarterly Monitoring Report for the Third Quarter 2006

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

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UNDERGROUND STORAGE TANK CLEANUP FUND

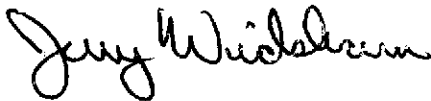
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If you have any questions, please call me at (510) 567-6791 or send me an electronic mail message at jerry.wickham@acgov.org.

Sincerely,



Jerry Wickham
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Matt Katen, QIC 80201, Zone 7 Water Agency, 100 North Canyons Parkway
Livermore, CA 94551

Mansour Sepehr, SOMA Environmental Engineering, 6620 Owens Drive, Suite A
Pleasanton CA 94588-3334

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



7

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

May 3, 2006

Mr. Aris Krimetz
Wente Winery
5565 Tesla Road
Livermore, CA 94550-9149

Subject: Fuel Leak Case N [REDACTED] Wente Winery, 5565 Tesla Road, Livermore, CA

Dear Mr. Krimetz:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site and the documents entitled, "Response to Alameda County Environmental Health Staff's Comments/Work Plan," dated April 14, 2006. The "Response to Alameda County Environmental Health Staff's Comments/Work Plan," dated April 14, 2006 proposes hand auger borings and depth-discrete groundwater sampling in the steam-cleaning and Welding Shop areas. The purpose of the proposed work is to characterize the extent of contamination in the area of an unlined drainage ditch and the steam-cleaning areas near the Welding Shop. Based on our review of the document, a number of additional site investigation activities beyond the proposed hand auger borings and depth-discrete groundwater sampling are required to fully characterize the extent of contamination in these areas. Therefore, we request that you submit a **revised Work Plan by July 11, 2006** that includes the items requested in the technical comments below.

We request that you address the following technical comments, perform the proposed work, and send us the reports described below.

TECHNICAL COMMENTS

1. **Proposed Depth-discrete Groundwater Sampling from GS-1.** The Response to Comments/Work Plan proposes the collection of grab groundwater samples from intervals of 11 to 16 and 39 to 44 feet bgs at proposed location GS-1. We also request that a grab groundwater sample be collected from a depth of 58 to 63 feet bgs at proposed location GS-1. We request that proposed location GS-1 be moved to a location downgradient from the Steam Cleaning Area as shown on the attached "Revised Hand Auger and Depth-discrete Groundwater Sampling Locations Figure."
2. **Proposed Grab Groundwater Sampling from GS-2.** The Response to Comments/Work Plan proposes the collection of grab groundwater samples from intervals of 19 to 24 and 56 to 61 feet bgs at location GS-2. We concur with the proposed depth intervals for the depth-discrete grab groundwater sampling in GS-2. We request that proposed location GS-2 be moved to a location downgradient from the former unlined drainage ditch and Steam Cleaning Bay as shown on the attached "Revised Hand Auger and Depth-discrete Groundwater Sampling Locations Figure."

3. **Investigation of Soil Contamination in Area of Former Unlined Drainage Ditch.** The Response to Comments/Work Plan currently proposes the collection of soil samples for metals analysis from hand auger borings in the area of the former unlined drainage ditch and Welding Shop. Laboratory analyses in addition to metals are required based on the types of contaminants potentially discharged from the steam cleaning areas. In the revised Work Plan requested below, please propose laboratory analyses for TPH, VOCs, polynuclear aromatic hydrocarbons, pesticides, and PCBs for soil samples collected in the area of the former unlined drainage ditch and steam-cleaning areas. Because the locations of the former unlined drainage ditch and stained soil are approximately known, we also request that soil vapor samples be collected from 6 locations as shown on the attached, "Revised Hand Auger and Depth-discrete Groundwater Sampling Locations Figure." Two soil vapor samples are also to be collected adjacent to the steam-cleaning area at the northern end of the Welding Shop. Please include plans for soil vapor sampling and laboratory analysis of the soil vapor samples in the revised Work Plan requested below.
4. **Proposed Depths for Soil Sampling in Hand Auger Borings.** The three proposed sampling intervals of 1 to 1.5, 2 to 2.5, and 3 to 3.5 feet bgs in each hand auger boring may be reduced to two sampling intervals of 1 to 1.5 and 3 to 3.5 feet bgs.
5. **Metals Analysis of Soil Samples.** Please identify in the revised Work Plan requested below, the specific metals that will be analyzed by proposed EPA Method 6010. Please see technical comment 3 regarding additional required analyses for soil samples collected in the area of the unlined drainage ditch and steam-cleaning areas.
6. **Quarterly Monitoring.** Quarterly groundwater sampling is to be continued for the three monitoring wells, the on-site water supply well, and the off-site water supply well at 5443 Tesla Road. Groundwater samples from the water supply wells are to be analyzed for TPH as gasoline, TPH as diesel, TPH as motor oil, volatile organics (full target list plus oxygenates), 1,2-dichloroethane, ethylene dibromide, and metals. Groundwater samples from the three on-site monitoring wells are to be analyzed for TPH as gasoline, TPH as diesel, TPH as motor oil, and volatile organics (full target list including MTBE). Please present the quarterly monitoring results in the reports requested below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **July 11, 2006** – Revised Work Plan
- **July 17, 2006** – Quarterly Report for the Second Quarter 2006

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

Effective **January 31, 2006**, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

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In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at jerry.wickham@acgov.org.

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

Aris Krimetz
May 3, 2006
Page 4

UNDERGROUND STORAGE TANK CLEANUP FUND

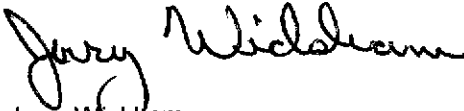
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham
Hazardous Materials Specialist

Attachment: Revised Hand Auger and Depth-discrete Groundwater Sampling Locations Figure

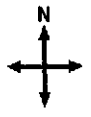
Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Matt Katen, QIC 80201
Zone 7 Water Agency
100 North Canyons Parkway
Livermore, CA 94551

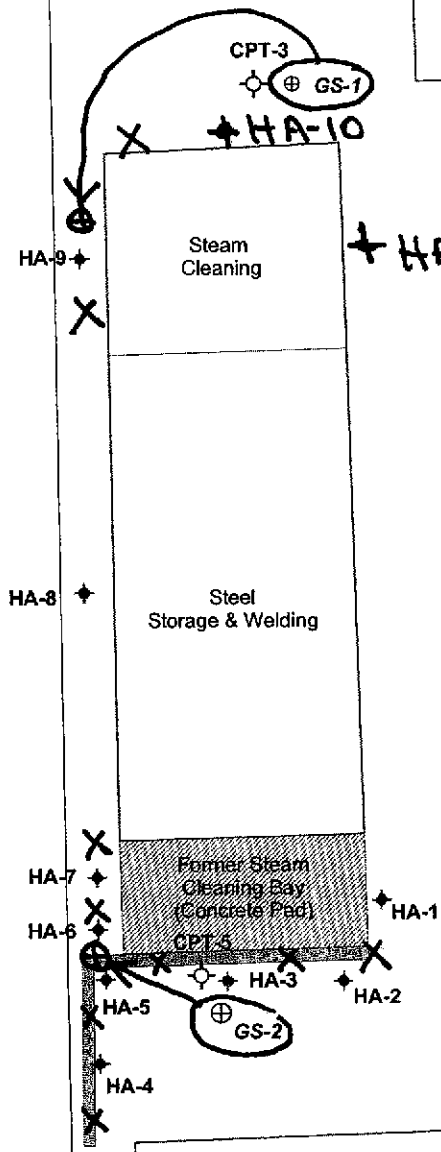
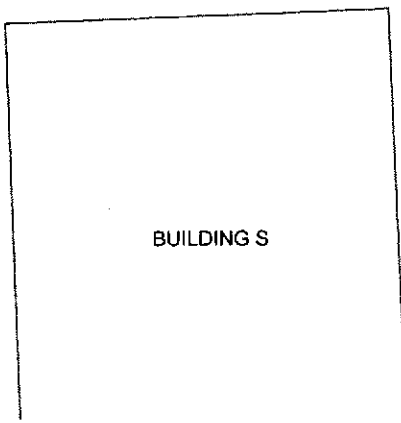
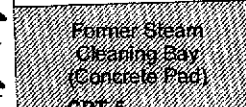
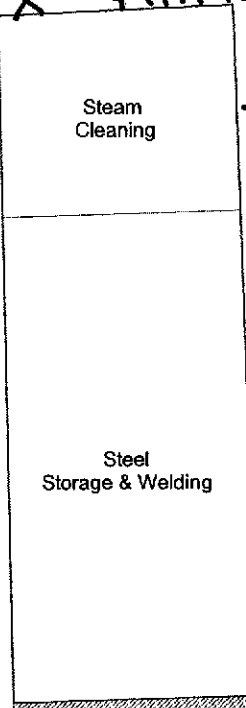
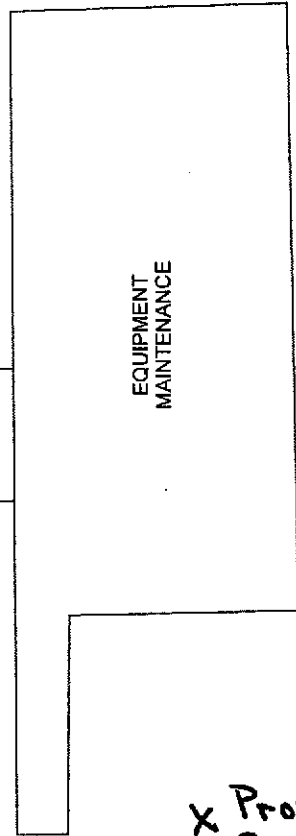
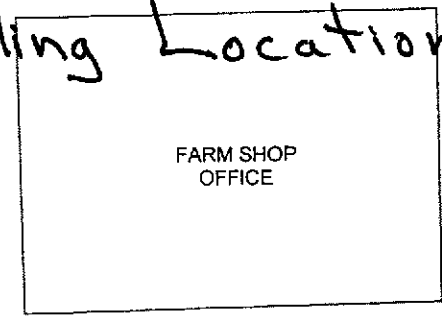
Mansour Sepehr
SOMA Environmental Engineering
6620 Owens Drive, Suite A
Pleasanton CA 94588-3334

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

Revised Hand Auger and Depth-discrete Groundwater Sampling Locations Figure



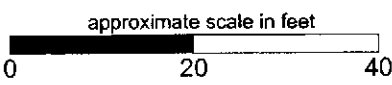
ACTIVE VINEYARDS



X Proposed Soil Vapor Sampling Location

- ◆ PROPOSED HAND AUGER LOCATION
- ⊕ PROPOSED DISCRETE GROUNDWATER SAMPLING LOCATION
- ◇ CPT BOREHOLE (October 2005)

— APPROXIMATE AREA OF THE FORMER UNLINED DRAINAGE DITCH



Site Map Showing the Proposed Hand Auger and Discrete Groundwater Sampling Locations

R02585



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

Alameda County
APR 28 2006
Environmental Health

April 26, 2006

Mr. Jerry Wickham
Alameda County Health Care Services Agency
Environmental Health Services, Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Fuel Leak Case No. R00002585: 2nd Qtr 2006 Groundwater Monitoring Event
Site Location: Wente Vineyards, 5565 Tesla Road, Livermore, CA

Dear Mr. Wickham:

In accordance with the guidelines of the California Regional Water Quality Control Board, SOMA will be conducting a groundwater monitoring event at the above referenced site. The purpose of this monitoring event is to check the site's overall groundwater conditions.

SOMA has scheduled to monitor the subject site on the date of May 5, 2006. Sometimes, however, unforeseen events may cause us to reschedule the date. Should this be the case, you will be notified immediately.

If you have any questions or comments, please contact Mansour Sepehr or me at (925) 734-6400.

Sincerely,

A handwritten signature in cursive script that reads "Tony Perini".

Tony Perini
Senior Project Engineer

cc: Mr. Aris Krimetz

R02585 FTP



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

March 29, 2006

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

Project: 2841

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

Dear Mr. Wickham:

SOMA's "First Quarter 2006 Groundwater Monitoring Report" for the subject site has been uploaded to the State's GeoTracker database and Alameda County's FTP site for your review.

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

Sincerely,

Mansour Sepehr, Ph.D., PE
Principal Hydrogeologist



cc: Mr. Aris Krimetz w/report enclosure

2006 MAR 31 11 21 15

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



7

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

February 16, 2006

Mr. Aris Krimetz
Wente Winery
5565 Tesla Road
Livermore, CA 94550-9149

Subject: Fuel Leak Case [REDACTED] Wente Winery, 5565 Tesla Road, Livermore, CA

Dear Mr. Krimetz:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site and report entitled, "Additional Site Investigation to Evaluate the Extent of Groundwater Contamination," dated December 6, 2005. The report presents the results from six cone penetrometer (CPT) borings and depth-discrete groundwater sampling in two areas of the site. Four CPT borings were advanced in the area of a former UST fuel leak and the remaining two CPT borings were advanced in the area of steam-cleaning operations near the building identified on site figures as the Welding Shop. Total petroleum hydrocarbons (TPH) as gasoline were at concentrations up to 260 micrograms per liter ($\mu\text{g/L}$) and benzene was detected at concentrations up to 2.4 $\mu\text{g/L}$ in grab groundwater samples collected from the six CPT boring locations. Quarterly groundwater monitoring for the UST fuel leak is to be continued as discussed in the technical comments below. No further investigation in the area of the UST fuel leak beyond continued groundwater monitoring is required at this time.

Please see the technical comments below regarding requirements for the steam-cleaning area. A Response to Agency Comments or a Work Plan to conduct additional investigation in the area of steam-cleaning operations and the Welding Shop is to be submitted by **April 20, 2006** to address the technical comments below. We request that you address the following technical comments, perform the proposed work, and send us the reports described below.

TECHNICAL COMMENTS

1. **Volatile Organic Compounds in Off-site Well.** Tetrahydrofuran was detected at a concentration of 19,700 micrograms per liter ($\mu\text{g/L}$) and chloroethane was detected at a concentration of 380 $\mu\text{g/L}$ in a groundwater sample collected on October 26, 2005 from an off-site water supply well at 5443 Tesla Road. Requirements to continue quarterly groundwater monitoring of the off-site supply well were previously provided in ACEH correspondence dated February 14, 2006. Tetrahydrofuran and chloroethane were not detected in a groundwater sample collected on January 16, 2006 from the water supply well at 5443 Tesla Road. The source or cause of the single detection of tetrahydrofuran and chloroethane in the off-site water supply well is currently not known. The area of the Welding Shop and Building S is southeast (upgradient) of the off-site water supply well at 5443 Tesla Road and is a potential source area. Chloroethane was not detected in grab groundwater samples collected from boring locations CPT-3 and CPT-5. However, no laboratory analyses

for tetrahydrofuran appear to have been conducted for groundwater samples collected from boring locations CPT-3 and CPT-5. Grab groundwater samples collected from borings CPT-3 and CPT-5 were analyzed for volatile organic compounds (VOCs) by EPA Method 8260 but tetrahydrofuran was not an analyte. In addition, no laboratory analyses for tetrahydrofuran have been conducted on previous soil and groundwater samples collected in the area of steam-cleaning operations and the Welding Shop. Therefore, no data are available to evaluate whether the area of steam-cleaning operations and the Welding Shop is a source for the tetrahydrofuran detected in the October 26, 2005 off-site groundwater sample. Please address this issue in a Response to Agency Comments or a Work Plan to conduct additional investigation in the area of steam-cleaning operations and the Welding Shop.

2. **Metals in Soil and Groundwater in the Area of Welding Shop and Steam-cleaning Area.** Nickel was detected in soil samples collected at a depth of one-foot bgs from two borings (B-3 and B-4) in the area of the Welding Shop at concentrations exceeding Tier 1 San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs) for shallow soil and commercial land use. Elevated concentrations of chromium, nickel, and lead were detected in a groundwater sample collected in June 2005 from boring B-10. Due to the presence of suspended sediment in the sample, the elevated concentrations of metals in the grab groundwater sample from boring B-10 may not be an accurate representation of dissolved phase metals concentrations. Groundwater samples collected from borings CPT-3 and CPT-5 in the area of the former steam-cleaning operations were also analyzed for metals. As shown on Table 1 of the "Additional Site Investigation to Evaluate the Extent of Groundwater Contamination," metals were detected in groundwater at concentrations exceeding the Tier 1 ESLs. However, the samples were filtered prior to laboratory analysis and therefore, the results are considered semi-quantitative. A review of the laboratory reports in the appendix to the report indicates that molybdenum was detected in the groundwater sample collected at CPT-5 from 19 to 24 feet bgs at a concentration of 59 µg/L. Please include molybdenum on future tables showing groundwater analytical results. We request that you address the issue of elevated concentrations of metals in soil and groundwater in the area of the Welding Shop in a Response to Comments or Work Plan as requested below.
3. **Discharges from Steam-cleaning Area.** A Notice of Violation (NOV) was issued by ACEH on December 11, 1990 (copy included as Attachment A) for spillage around the maintenance shop and discharges from the steam-cleaning area to an unlined runoff ditch. The NOV requested a Plan of Correction to include removal of all areas of soil contamination in and around the unlined drainage ditch as well as other areas of stained soil followed by confirmation sampling and analysis. In response to the NOV, correspondence from Wentz Brothers dated January 11, 1991 (copy included as Attachment B), indicated that a closed loop system would be used for steam cleaning and that soil around the previous steam cleaning area will be sampled and tested by a state certified laboratory and that contamination will be remediated. Results of the removal and confirmation sampling are not in the ACEH files. Please provide the results from the corrective actions described in the January 11, 1991 correspondence with a Response to Agency Comments and/or present a Work Plan to complete these activities. In addition, a map showing the locations of the stained soil and the unlined drainage ditch is to be included with the Response to Agency Comments or Work Plan.

4. **Quarterly Monitoring.** Quarterly groundwater sampling is to be continued for the three monitoring wells, the on-site water supply well, and the off-site water supply well at 5443 Tesla Road. Groundwater samples from the water supply wells are to be analyzed for TPH as gasoline, TPH as diesel, TPH as motor oil, volatile organics (full target list plus oxygenates), 1,2-dichloroethane, ethylene dibromide, and metals. Groundwater samples from the three on-site monitoring wells are to be analyzed for TPH as gasoline, TPH as diesel, TPH as motor oil, and volatile organics (full target list including MTBE). Please present the quarterly monitoring results in the reports requested below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **April 17, 2006** – Quarterly Report for the First Quarter 2006
- **April 20, 2006** – Response to Agency Comments or Work Plan
- **July 17, 2006** – Quarterly Report for the Second Quarter 2006

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

Effective **January 31, 2006**, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

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In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail

addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at jerry.wickham@acgov.org.

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

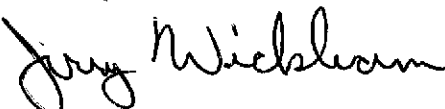
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham
Hazardous Materials Specialist

Aris Krimetz
February 16, 2006
Page 5

Attachment A: ACEH correspondence dated December 11, 1990
Attachment B: Wente Brothers correspondence dated January 11, 1991

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Matt Katen, QIC 80201
Zone 7 Water Agency
100 North Canyons Parkway
Livermore, CA 94551

Mansour Sepehr
SOMA Environmental Engineering
6620 Owens Drive, Suite A
Pleasanton CA 94588-3334

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



7

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

February 14, 2006

Mr. Aris Krimetz
Wente Winery
5565 Tesla Road
Livermore, CA 94550-9149

Subject: Fuel Leak Case No. [REDACTED], Wente Winery, 5565 Tesla Road, Livermore, CA

Dear Mr. Krimetz:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site and the results from the January 16, 2006 re-sampling of the off-site water supply well at the Steven Kent Winery at 5443 Tesla Road provide in correspondence dated February 1, 2006. The well was re-sampled in response to detections of tetrahydrofuran, chloroethane, and total petroleum hydrocarbons (TPH) as diesel in a groundwater sample collected on November 28, 2005. During the November 28, 2005 groundwater monitoring event, tetrahydrofuran was detected at a concentration of 19,700 micrograms per liter ($\mu\text{g/L}$), chloroethane was detected at a concentration of 380 $\mu\text{g/L}$, and TPH as diesel was detected at a concentration of 120 $\mu\text{g/L}$ in the groundwater sample collected from the water supply well at 5443 Tesla Road.

Tetrahydrofuran, chloroethane, and TPH as diesel were not detected in the more recent groundwater sample collected on January 16, 2006. No other volatile organic compounds, fuel hydrocarbons, or metals were detected at concentrations exceeding drinking water criteria. In order to confirm these results, the off-site water supply well at 5443 Tesla Road is to be sampled on a quarterly basis with the three existing monitoring wells and on-site water supply well at 5565 Tesla Road. Further comments on investigation of the fuel leak case at 5565 Tesla Road will be provided in separate correspondence from ACEH related to the December 6, 2005 report entitled, "Additional Site Investigation to Evaluate the Extent of Groundwater Contamination."

We request that you address the following technical comments, perform the proposed work, and send us the reports described below.

TECHNICAL COMMENTS

1. **Sampling of Well at 5443 Tesla Road.** Please provide additional description of the purging procedures used to sample the well at 5443 Tesla Road. In future quarterly monitoring reports, please describe the type of pump used for purging, whether the pump is dedicated to the well, and the depth at which the pump is placed in the well.

2. **Future Use of Well at 5443 Tesla Road.** The well at 5443 Tesla Road is not to be used for water supply until the results from further sampling are evaluated and written approval is provided by ACEH.
3. **Table 1 – Historical Groundwater Elevation Data and Analytical Results.** The May 20, 2005 sampling results for the well at 5443 Tesla Road are missing from this table. Please add the May 20, 2005 sampling results to future versions of this table in the quarterly monitoring reports requested below.
4. **Quarterly Monitoring.** Quarterly groundwater sampling is to be continued for the three monitoring wells, the on-site water supply well, and the off-site water supply well at 5443 Tesla Road. Groundwater samples from the water supply wells are to be analyzed for TPH as gasoline, TPH as diesel, TPH as motor oil, volatile organics (full target list plus oxygenates), 1,2-dichloroethane, ethylene dibromide, and metals. Groundwater samples from the three on-site monitoring wells are to be analyzed for TPH as gasoline, TPH as diesel, TPH as motor oil, and volatile organics (full target list including MTBE). Please present the quarterly monitoring results in the reports requested below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **April 15, 2006** – Quarterly Report for the First Quarter 2006
- **July 15, 2006** – Quarterly Report for the Second Quarter 2006

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ELECTRONIC SUBMITTAL OF REPORTS

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storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at jerry.wickham@acgov.org.

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

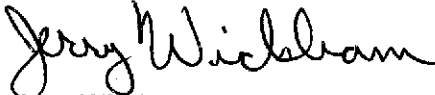
AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

Aris Krimetz
February 14, 2006
Page 4

If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Janis Fisher
Steven Kent Winery
5443 Tesla Road
Livermore, CA 94550

Matt Katen, QIC 80201
Zone 7 Water Agency
100 North Canyons Parkway
Livermore, CA 94551

Mansour Sepehr
SOMA Environmental Engineering
6620 Owens Drive, Suite A
Pleasanton CA 94588-3334

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

Alameda County

JAN 10 2006

Environmental Health

RO 2585



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

January 6, 2006

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

Project: 2841

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

Dear Mr. Wickham:

SOMA's "Fourth Quarter 2005 Groundwater Monitoring Report" for the subject site has been uploaded to the State's GeoTracker database 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,

A handwritten signature in black ink, appearing to read 'Mansour Sepehr'.

Mansour Sepehr, Ph.D., PE
Principal Hydrogeologist



cc: Mr. Aris Krimetz w/report enclosure

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



7

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

January 4, 2006

Aris Krimetz
Wente Winery
5565 Tesla Road
Livermore, CA 94550-9149

Subject: Fuel Leak Case No. [REDACTED] Wente Winery, 5565 Tesla Road, Livermore, CA

Dear Mr. Krimetz:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site and data submitted to the Geotracker website from groundwater sampling conducted on November 28, 2005. During the November 28, 2005 groundwater monitoring event, groundwater samples were collected from the three monitoring wells at 5565 Tesla Road, the on-site water supply well at 5565 Tesla Road, and a water supply well at the Steven Kent Winery at 5443 Tesla Road. Elevated concentrations of volatile organic compounds (VOCs) were detected in the sample collected from the water supply well at 5443 Tesla Road. Tetrahydrofuran was detected at a concentration of 19,700 micrograms per liter ($\mu\text{g/L}$) and chloroethane was detected at a concentration of 380 $\mu\text{g/L}$ in the groundwater sample collected from the water supply well at 5443 Tesla Road. As we discussed by telephone on January 4, 2006, the elevated concentrations of VOCs detected in the water supply well at 5443 Tesla Road pose a human health risk for potable water use. Total petroleum hydrocarbons as diesel (TPHd) were also detected at a concentration of 120 $\mu\text{g/L}$.

Tetrahydrofuran was not detected in the water supply well at 5565 Tesla Road; however, chloroethane was detected at a concentration of 3.4 $\mu\text{g/L}$ in the sample collected from the water supply well at 5565 Tesla Road. TPHd was detected at a concentration of 100 $\mu\text{g/L}$ in the groundwater sample collected from the water supply well at 5565 Tesla Road.

Based on our January 4, 2006 conversation, we understand that Wente Winery provides water to the Steven Kent Winery using the well at 5565 Tesla Road, which is sometimes mixed with water from the 5443 Tesla Road well when the flow is high enough. As agreed during our January 4, 2006 conversation, the well at 5443 Tesla Road will not be used for water supply until further sampling is conducted and the results evaluated. The well at 5443 Tesla Road is to be sampled again as soon as possible to determine whether the elevated concentrations of VOCs detected are present in a groundwater plume or whether the detections are from a transient source. Ms. Janis Fisher of Steven Kent Winery was informed of the November 28, 2005 sampling results on January 3, 2006 and the potential human health risk if water from the well at 5443 Tesla Road were used as potable water.

If elevated concentrations of VOCs are detected in the sample to be collected from the well at 5443 Tesla Road, additional investigation of the source of the VOCs will be required. Specifically, further investigation of the area of Building S at 5565 Tesla Road will be required. This area is upgradient from the well at 5443 Tesla Road and historic discharges have occurred in this area.

Further comments on the investigation of this area as well as the fuel leak from former USTs at 5565 Tesla Road will be provided by ACEH in comments on your recently submitted report entitled, "Additional Site Investigation to Evaluate the Extent of Groundwater Contamination."

We request that you address the following technical comments, perform the proposed work, and send us the reports described below.

TECHNICAL COMMENTS

1. **Sampling of Well at 5443 Tesla Road.** The water supply well at 5443 Tesla Road is to be sampled again as soon as possible. Groundwater collected from the water supply well is to be analyzed for TPH as gasoline, TPH as diesel, TPH as motor oil, volatile organics (full target list plus oxygenates), 1,2-dichloroethane, ethylene dibromide, and metals. Please provide the laboratory analytical results and a complete description of the methods used to purge and sample the well, including a diagram of the piping at the wellhead by **February 6, 2006** as requested below. Please also include a discussion of the use of water from the well in the water distribution system and, if necessary, a diagram to illustrate the potential for backflow from the water distribution system to the well.
2. **Future Use of Well at 5443 Tesla Road.** The well at 5443 Tesla Road is not to be used for water supply until the results from further sampling are evaluated and written approval is provided by ACEH.
3. **Quarterly Monitoring.** Quarterly groundwater sampling is to be continued for the three monitoring wells, the on-site water supply well, and the off-site water supply well at 5443 Tesla Road. Groundwater samples from the water supply wells are to be analyzed for TPH as gasoline, TPH as diesel, TPH as motor oil, volatile organics (full target list plus oxygenates), 1,2-dichloroethane, ethylene dibromide, and metals. Groundwater samples from the three on-site monitoring wells are to be analyzed initially for TPH as gasoline, TPH as diesel, TPH as motor oil, volatile organics (full target list plus oxygenates), 1,2-dichloroethane, and ethylene dibromide. If fuel oxygenates, 1,2-dichloroethane, and ethylene dibromide are not detected in the three monitoring wells during the initial quarterly sampling event, analyses for these compounds may be discontinued during subsequent quarterly monitoring events. Please present the quarterly monitoring results in the reports requested below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **February 6, 2006** – Analytical Results from Sampling of Well at 5443 Tesla Road
- **March 15, 2006** – Quarterly Report for the First Quarter 2006
- **June 15, 2006** – Quarterly Report for the Second Quarter 2006

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

Effective **January 31, 2006**, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at jerry.wickham@acgov.org.

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature,

and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

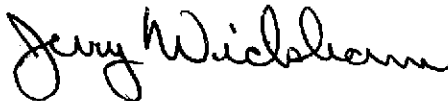
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Janis Fisher
Steven Kent Winery
5443 Tesla Road
Livermore, CA 94550

Matt Katen, QIC 80201
Zone 7 Water Agency
100 North Canyons Parkway
Livermore, CA 94551

Mansour Sepehr, SOMA Environmental Engineering, 6620 Owens Drive, Suite A,
Pleasanton CA 94588-3334

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

Ro 2585

RECEIVED



DEC 08 2005

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

December 6, 2005

ENVIRONMENTAL HEALTH SERVICES

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

Project: 284L

Subject: Site Located at 5565 Tesla Road, Livermore, California

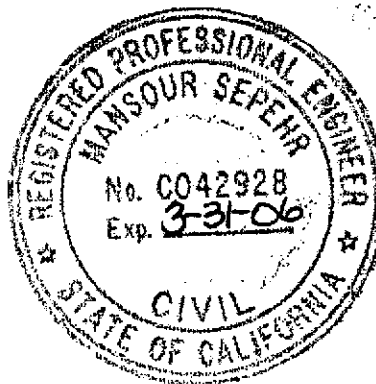
Dear Mr. Wickham:

SOMA's report entitled "Additional Site Investigation to Evaluate the Extent of Groundwater Contamination" for the subject site has been uploaded to the State's GeoTracker database 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

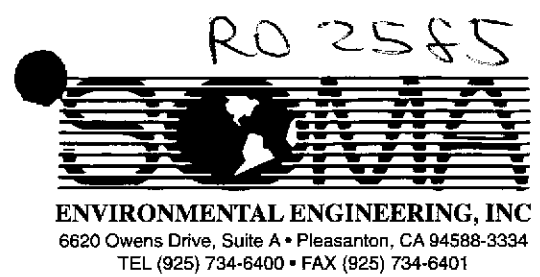


cc: Mr. Aris Krimetz w/report enclosure

RECEIVED

NOV 21 2005

ENVIRONMENTAL HEALTH SERVICES



November 18, 2005

Mr. Jerry Wickham
Alameda County Health Care Services Agency
Environmental Health Services, Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Fuel Leak Case No. RO0002585: 4th Qtr 2005 Groundwater Monitoring Event
Site Location: Wente Vineyards, 5565 Tesla Road, Livermore, CA

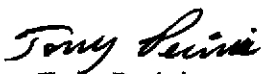
Dear Mr. Wickham:

In accordance with the guidelines of the California Regional Water Quality Control Board, SOMA will be conducting a groundwater monitoring event at the above referenced site. The purpose of this monitoring event is to check the site's overall groundwater conditions.

SOMA has scheduled to monitor the subject site on the date of November 28, 2005. Sometimes, however, unforeseen events may cause us to reschedule the date. Should this be the case, you will be notified at least 72 hours prior to the monitoring event.

If you have any questions or comments, please contact Mansour Sepehr or me at (925) 734-6400.

Sincerely,



Tony Perini
Senior Project Engineer

cc: Mr. Aris Krimetz

R02585

Wickham, Jerry, Env. Health

From: Wickham, Jerry, Env. Health
Sent: Tuesday, October 25, 2005 1:25 PM
To: 'Mansour Sepehr'
Subject: RE: Wente Site in Livermore

Mansour,

The use of UVIF instead of the MIP technology at the Wente Winery site in Livermore is acceptable.

Regards,

Jerry Wickham

Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Parkway
Suite 250
Alameda, CA 94502-6577
510-567-6791 phone
510-337-9335 Fax
jerry.wickham@acgov.org

From: Mansour Sepehr [<mailto:msepehr@somaenv.com>]
Sent: Tuesday, October 25, 2005 12:37 PM
To: Wickham, Jerry, Env. Health
Subject: Wente Site in Livermore

Jerry:

As we discussed, we are planning to use Gregg Drilling for doing CPT and MIP work per our approved workplan by the Alameda County. However, Gregg will utilize Ultra-violet induced fluorescence (UVIF) technology instead of MIP. I would like to get your concurrence on this matter.

Best Regards
Mansour Sepehr

10/25/2005

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



7

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

September 19, 2005

Aris Krimetz
Wente Winery
5565 Tesla Road
Livermore, CA 94550-9149

Subject: Fuel Leak Case No. ~~RD0002586~~, Wente Winery, 5565 Tesla Road, Livermore, CA

Dear Mr. Krimetz:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site and the report entitled, "Phase I: Soil and Groundwater Investigation," dated July 25, 2005 and prepared on your behalf by SOMA Environmental Engineering, Inc. The report presents the results of soil and groundwater sampling conducted at the above referenced site in May and June, 2005. Fuel hydrocarbons were detected in soil and groundwater at elevated concentrations in the area of two former underground storage tanks (USTs). Elevated concentrations of metals were detected in a groundwater sample collected adjacent to a former steam cleaning bay. Benzene was detected at a concentration of 0.77 micrograms per liter ($\mu\text{g/L}$) in an off-site well located west of the former USTs. Toluene was detected at concentrations of 1.08 and 0.85 $\mu\text{g/L}$ in the off-site well and an on-site well, respectively. Based on these results, the Phase I Soil and Groundwater Investigation Report recommended further investigation to complete site characterization. ACEH concurs that additional investigation is needed to complete site characterization.

We request that you address the following technical comments, perform the proposed work, and send us the reports described below.

TECHNICAL COMMENTS

1. **Proposed CPT/MIP Boring Locations.** The Phase I Investigation Report proposes to use cone penetrometer test/membrane interface probe (CPT/MIP) data to select intervals for depth-discrete groundwater sampling. Depth-discrete groundwater samples are to be collected from each water-bearing zone and/or each zone where the MIP data indicate contamination. The borings are to be extended to a minimum depth of 60 feet below grade. ACEH requests that a CPT/MIP boring be placed along the western boundary of the site midway between monitoring wells MW-1 and MW-2. Please move proposed boring CPT/MIP-1 to a location that is directly northwest of the former USTs. The purpose of proposed boring CPT/MIP-3 is not clear. We request that boring CPT-MIP-3 be moved to a location north of the Welding Shop that is downgradient (northwest of) the steam cleaning area and oil storage area shown in this area of the site on Figure 2 in the June 23, 2003 Clayton report entitled, "Preliminary Subsurface Investigation." Please assure that proposed boring CPT/MIP-5 is located downgradient from the former steam-cleaning area. The purpose of proposed boring CPT/MIP-6, which is located east of the former USTs, is also not

clear. Please provide an explanation of the rationale for CPT/MIP-6 or move the boring to the requested location midway between wells MW-1 and MW-2.

2. **Laboratory Analyses for Depth-discrete Groundwater Samples.** ACEH requests that the groundwater samples collected from CPT/MIP borings CPT/MIP-1, -2, -4, and -6 be analyzed for total petroleum hydrocarbons (TPH) as gasoline, TPH as diesel, TPH as motor oil, BTEX, 1,2-dichloroethane, and ethylene dibromide. Groundwater samples collected from CPT/MIP borings CPT/MIP-3 and -5 are to be analyzed for TPH as gasoline, TPH as diesel, TPH as motor oil, volatile organics (full target list), and metals.
3. **Off-Site Water Supply Well.** ACEH is concerned with the detection of benzene and toluene in the off-site well at 5443 Tesla Road. Please contact the current well owner for 5443 Tesla Road to provide the analytical results from the May 20, 2005 sampling and to obtain additional information on the construction and use of the well. Please provide this information along with the current contact information for the well owner in the Work Plan requested below.
4. **Sampling Water Supply Wells.** ACEH requests that both the off-site water supply well at 5443 Tesla Road and the on-site water supply well be sampled as part of the quarterly groundwater monitoring requested below. Groundwater samples collected from these two water supply wells are to be analyzed for TPH as gasoline, TPH as diesel, TPH as motor oil, volatile organics (full target list plus oxygenates), 1,2-dichloroethane, ethylene dibromide, and metals. Please sample and analyze groundwater from these wells on a quarterly basis and present the results in the Quarterly Monitoring Reports requested below.
5. **Quarterly Monitoring.** The three monitoring wells, the on-site water supply well, and the off-site water supply well at 5443 Tesla Road are to be sampled quarterly. As previously discussed in comment 4 above, groundwater samples from the on-site and off-site water supply wells are to be analyzed for TPH as gasoline, TPH as diesel, TPH as motor oil, volatile organics (full target list plus oxygenates), 1,2-dichloroethane, ethylene dibromide, and metals. Groundwater samples from the three on-site monitoring wells are to be analyzed initially for TPH as gasoline, TPH as diesel, TPH as motor oil, BTEX plus fuel oxygenates, 1,2-dichloroethane, and ethylene dibromide. If fuel oxygenates, 1,2-dichloroethane, and ethylene dibromide are not detected in the three monitoring wells during the initial quarterly sampling event, analyses for these compounds may be discontinued during subsequent quarterly monitoring events.
6. **Metals in Groundwater.** Elevated concentrations of metals were detected in the groundwater sample collected from boring B-10. ACEH concurs that the elevated concentrations of metals in the grab groundwater sample from boring B-10 may not be an accurate representation of dissolved phase metals concentrations due to the sampling method. The Phase I Investigation Report recommends that groundwater samples collected near the steam-cleaning areas be filtered and analyzed for metals. The depth-discrete groundwater samples to be collected for metals analysis from CPT/MIP borings CPT-3 and CPT-5 may be filtered in the field using a 0.45-micron filter. However, filtering of samples prior to analysis may alter the sample and affect the analytical results. Therefore, the metals results from filtered samples will be considered semiquantitative results.

7. **Cross Sections.** Please use the results of the proposed investigation along with results from previous investigations to prepare a minimum of two hydrogeologic cross sections (one approximately perpendicular and one approximately parallel to the groundwater flow direction for the site. The cross sections are to illustrate the lateral and vertical extent of soil layers, where groundwater was first encountered in borings and the static water levels, observations of free product, staining, and odor, and sample locations and results. Please include the cross sections in the Soil and Groundwater Investigation Report requested below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **January 15, 2006** - Quarterly Monitoring Report for the Fourth Quarter 2005
- **January 27, 2006** – Phase II Soil and Groundwater Investigation Report

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) now request submission of reports in electronic form. The electronic copy is intended to replace the need for a paper copy and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all reports is required in Geotracker (in PDF format). Please visit the State Water Resources Control Board for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover

letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Mansour Sepehr, SOMA Environmental Engineering, 6620 Owens Drive, Suite A,
Pleasanton CA 94588-3334

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

Schultz, Robert, Env. Health

4/4/05

To: Aris Krimetz (E-mail)
Cc: Mansour Sepehr
Subject: wente - workplan ro-2585

Aris:

A workplan approval letter went out today. Please note, there was a typographic error in my letter - your report is requested by July 4, 2005, not June. If there are any issues with scheduling, please let us know, there is typically plenty of flexibility to meet the various needs.

Bob

From: Mansour Sepehr [mailto:msepehr@somaenv.com]
Sent: Tuesday, March 08, 2005 10:20 AM
To: Schultz, Robert, Env. Health
Subject: Cost estimate

Bob:

The two cost estimates are attached.

Mansour

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

April 4, 2005

Aris Krimez
Wente Bros.
5565 Tesla Rd.
Livermore, CA 94550-9149

Subject: Fuel Leak Case No. [REDACTED] Wente Vineyards, 5565 Tesla Road,
Livermore, California – Workplan Approval

Dear Mr. Krimez:

Alameda County Environmental Health (ACEH) has reviewed the March 9, 2005, *Addendum to Third Workplan* prepared by SOMA Environmental Engineering, Inc., for the above-referenced site. We concur with your workplan provided the following conditions are met:

1. As required by 23 CCR 2729 and 2729.1, all analytical data, monitoring well locations and top-of-casing elevations will be uploaded to the State Geotracker database. Confirmation will be submitted to ACEH in the report requested below.
2. If deemed necessary by your geologist or engineer to fully define the vertical and lateral extent of contamination, additional soil or groundwater samples will be collected as part of the current investigation efforts. ACEH will be informed via telephone or email of any additions to the sampling and analysis plan. Any additional work will follow the workplan-specified procedures. Dynamic investigations are consistent with USEPA protocol for expedited site assessments, which are scientifically valid and offer a cost-effective approach to fully define a plume and to help progress a case toward closure.
3. 72-hr advance written notification (email preferred) will be provided to ACEH prior to field sampling activities.

Please implement the proposed investigation and submit technical reports following the schedule below. In addition, we have the following technical comments regarding your workplan addendum.

TECHNICAL COMMENTS

1. Cost Effectiveness of Investigation Approach

In accordance with Water Code Section 13307, State Water Resources Control Board (SWRCB) Resolution 92-49, *Policies and Procedures for Investigation and Cleanup and Abatement of Discharges Under Water Code Section 13304*, as amended October 2, 1996, Resolution III, D, requires that the responsible party for a cleanup be made aware of and be allowed to consider techniques which provide a cost-effective basis for initial assessment. In our January 19, 2005, letter, ACEH concurred with SOMA's proposed use of dual-tube direct push drilling. Dual-tube technology is an industry-accepted drilling technique that has shown to be cost-effective for shallow soil and groundwater investigations.

In their January 31, 2005, *Revised Workplan*, instead of addressing ACEH's concerns regarding SOMA's proposed protocol for dual-tube direct push drilling, SOMA proposed CPT drilling with a

MIP probe. ACEH disputed SOMA's selection of CPT drilling for sample collection and soil profiling because the total depth of drilling necessary at this site may not exceed the depth typically achievable using a less expensive geoprobe drill rig (see Comment #2, below). In response, SOMA submitted cost estimates on March 8, 2005 indicating that SOMA believes that CPT drilling will be less expensive than dual-tube drilling. SOMA submitted no previous analysis of analogous sites, as suggested by Resolution 92-49. Contrary to the statements in SOMA's March 9, 2005, workplan addendum, ACEH does not agree with SOMA's cost evaluation. We take no position on the cost-effectiveness of the proposed approach, and at this site, we do not require the specific use of a CPT rig with a MIP probe or otherwise specify drilling techniques for sample collection.

2. Proposed Drilling Depths

The maximum depth of confirmed contamination reported in Clayton Group Services' June 23, 2004, *Preliminary Subsurface Investigation* is 14 ft bgs. Accordingly, ACEH recommends that drilling during the proposed investigation extend to at least 24 ft bgs. SOMA proposes drilling to 50 ft bgs. ACEH recommends that the need for drilling to 50 ft bgs be reassessed during drilling, based on field data. As stated in our January 19, 2005, letter, we recommend that you collect and analyze soil samples from a boring within or immediately downgradient of the former UST location to at least 10 ft below the total depth of impact, as identified by field screening of samples.

REPORT REQUEST

Please submit your *Soil and Water Investigation Report* by **June 4, 2005**. ACEH makes this request pursuant to California Health & Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2778 outline the responsibilities of a responsible party for an unauthorized release from an UST system, and require your compliance with this request.

Professional Certification and Conclusions/Recommendations

The California Business and Professions Code (Sections 6735 and 7835.1) requires that workplans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

Perjury Statement

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, late reports or enforcement actions by ACEH may result in you becoming ineligible to receive cleanup cost reimbursement from the state's Underground Storage Tank Cleanup Fund (senate Bill 2004).

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested we will consider referring your case to the County District Attorney or other appropriate agency, for enforcement. California Health and Safety Code, Section 25299.76 authorizes ACEH enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

Please call me at (510) 567-6719 with any questions regarding this case.

Sincerely,



Robert W. Schultz, P.G.
Hazardous Materials Specialist

cc: Mansour Sepehr, SOMA Environmental Engineering, Inc., 2680 Bishop Dr., Ste. 203,
San Ramon, CA 94583
Matt Katen, Zone 7 Water Agency, QIC 80201
Donna Drogos, ACEH
file

Schultz, Robert, Env. Health

From: Mansour Sepehr [msepehr@somaenv.com]
Sent: Tuesday, March 08, 2005 10:20 AM
To: Schultz, Robert, Env. Health
Subject: Cost estimate
Attachments: 2840 Dual-Wall DPT & CPT-MIP Cost Estimates.XLS

Bob:

The two cost estimates are attached.

Mansour

CPT/MIP COST ESTIMATE				
Soil and Groundwater Investigation				
Wente Brothers Winery, 5565 Tesla Road, Livermore, CA				
Item	Description	No. of Hrs/Days	Unit Price	Total Price
Task 1	Permit Acquisition and Preparation of HASP			
	<i>Labor Category:</i>			
	Preparation of Health and Safety Plan, Staff Geologist			TBD
	Utility Clearance Oversight, Staff Engineer/Geologist			TBD
	Permit Acquisition From County, Staff Engineer/geologist			TBD
	Utility Survey, Precision Locating			TBD
	Permit fees			
			Subtotal	\$0.00
Task 2	Soil and Groundwater Sampling			
	Principal Engineer/Geologist - Charges TBD			
	Staff Geologist/Engineer			
	Oversee/document 1 CPT Calibration Borehole	8	\$75	\$600.00
	Oversee/document 12 CPT/MIP Boreholes ¹	72	\$75	\$5,400.00
	Subcontractor			
	Drill/Sample/Grout 1 CPT-Calibration Borehole	1	\$2,100	\$2,100.00
	Drill/Sample/Grout 12 Boreholes	6	\$2,700	\$16,200.00
	Travel and Supply			\$500
	Waste Disposal ²			\$250
			Subtotal	\$25,050.00
Task 3	Laboratory Analysis			
	Volatile Organic Compounds in Soil Using EPA Method 8260			TBD
	Heavy Metals (CAM-17)			TBD
	Total Recoverable PHC in Soil (TPH-g + TPH-d)			TBD
	Volatile Organic Compounds in GW Using EPA Method 8260			TBD
	Total Recoverable PHC in Soil (TPH-g + TPH-d)			TBD
			Subtotal	\$0.00
Task 4	Report Preparation			
	<i>Labor Category:</i>			TBD
	Principal Hydrogeologist			TBD
	Senior Geologist			TBD
	Drafting and preparation			TBD
	Drafting Lithologic Logs			TBD
			Subtotal	\$0.00
Grand Total				\$25,050.00
¹ If subsurface conditions too dense for CPT, MIP w/ Electrical Conductivity device will be used ² Investigative waste from one DPT borehole: less than 1/2 55-gallon drum				

DUAL WALL - MACROCORE
Soil and Groundwater Investigation
Wente Brothers Winery, 5565 Tesla Road, Livermore, CA

Item	Description	No. of Hrs/Days	Unit Price	Total Price
Task 1	Permit Acquisition and Preparation of HASP			
	<i>Labor Category:</i>			
	Preparation of Health and Safety Plan, Staff Geologist			TBD
	Utility Clearance Oversight, Staff Engineer/Geologist			TBD
	Permit Acquisition From County, Staff Engineer/geologist			TBD
	Utility Survey, Precision Locating Permit fees			TBD
	Subtotal			\$0.00
Task 2	Soil and Groundwater Sampling			
	Principal Engineer/Geologist - Charges TBD			
	Staff Geologist/Engineer			
	Oversee/log/document 12 Pilot Boreholes to identify water-bearing zones ¹	60	\$75	\$4,500.00
	Oversee/sample/document 24 GW Sampling Boreholes ²	90	\$75	\$6,750.00
	Subcontractor			
	Drill/Sample/Grout 12 Pilot Boreholes to identify WBZs (50 feet bgs)	6	\$2,100	\$12,600.00
	Drill/Sample/Grout 24 GW Sampling Boreholes (20-25' & 40-50')	9	\$2,700	\$24,300.00
Travel and Supply			\$500	
Waste Disposal ³			\$500	
	Subtotal			\$49,150.00
Task 3	Laboratory Analysis			
	Volatile Organic Compounds in Soil Using EPA Method 8260			TBD
	Heavy Metals (CAM-17)			TBD
	Total Recoverable PHC in Soil (TPH-g + TPH-d)			TBD
	Volatile Organic Compounds in GW Using EPA Method 8260			TBD
Total Recoverable PHC in Soil (TPH-g + TPH-d)			TBD	
	Subtotal			\$0.00
Task 4	Report Preparation			
	<i>Labor Category:</i>			
	Principal Hydrogeologist			TBD
	Senior Geologist			TBD
	Drafting and preparation			TBD
Drafting Lithologic Logs			TBD	
	Subtotal			\$0.00
Grand Total				\$49,150.00

¹ Based on drill/sample/log/grout 100' per day

² Based on drill/sample/log/grout two 20-25' and two 40-50' gw sampling boreholes per day

³ Investigative waste from 12 DPT boreholes; 2: 55-gallon drums

Schultz, Robert, Env. Health

From: Schultz, Robert, Env. Health
Sent: Monday, March 07, 2005 3:31 PM
To: 'Mansour Sepehr'
Subject: RE: Call this AM at 10?
Attachments: 2840 Ltr to ACHCS (7Mr05) (2).doc

please find some notes attached

From: Mansour Sepehr [mailto:msepehr@somaenv.com]
Sent: Monday, March 07, 2005 1:33 PM
To: Schultz, Robert, Env. Health
Subject: RE: Call this AM at 10?

Bob:
Please review our comments before the our conference call this afternoon.
Mansour

-----Original Message-----

From: Schultz, Robert, Env. Health [mailto:robert.schultz@acgov.org]
Sent: Monday, March 07, 2005 9:37 AM
To: Mansour Sepehr
Cc: Drogos, Donna, Env. Health
Subject: RE: Call this AM at 10?

great - talk to you then

From: Mansour Sepehr [mailto:msepehr@somaenv.com]
Sent: Monday, March 07, 2005 9:34 AM
To: Schultz, Robert, Env. Health
Subject: RE: Call this AM at 10?

Yes I am available.
Mansour

-----Original Message-----

From: Schultz, Robert, Env. Health [mailto:robert.schultz@acgov.org]
Sent: Monday, March 07, 2005 8:49 AM
To: msepehr@somaenv.com
Subject: Call this AM at 10?

Mansour,
Are you available at 10AM? If so we will call you then.
Thank you,
Bob

Robert W. Schultz, R.G.
Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502
510-567-6719 (direct)
510-337-9335 (facsimile)

Schultz, Robert, Env. Health

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Sent: Monday, March 07, 2005 1:33 PM
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To: msepehr@somaenv.com
Subject: Call this AM at 10?

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Thank you,
Bob

Robert W. Schultz, R.G.
Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502
510-567-6719 (direct)
510-337-9335 (facsimile)

Schultz, Robert, Env. Health

From: Mansour Sepehr [msepehr@somaenv.com]
Sent: Friday, January 21, 2005 11:19 AM
To: Schultz, Robert, Env. Health
Cc: arisk@wentevineyards.com
Subject: RE: response to workplan

Bob:

Thank you for your letter dated January 19, 2005 in connection with SOMA's workplan for conducting soil and groundwater investigation at the Wente Winery property in Livermore, California. As we discussed during our telephone conversation on 1/20/05, SOMA will conduct CPT and MIP study to address your concern about delineation of the vertical extent of contaminants as well as minimizing the inherent cross contamination during our investigation. In addition, per your request SOMA will include a protocol and procedure for sampling the existing drinking water well at the site. This is my understanding that once we incorporated these changes into the workplan, the Alameda County will approve our workplan ASAP. SOMA will complete the workplan/addendum by 1/25/05. Please let me know if you have any comments or questions.

Mansour

-----Original Message-----

From: Schultz, Robert, Env. Health [mailto:robert.schultz@acgov.org]
Sent: Wednesday, January 19, 2005 4:06 PM
To: 'Aris Krimetz'
Cc: Mansour Sepehr (E-mail)
Subject: response to workplan

Please find our response to your workplan attached. I am emailing it to speed delivery. Hard copy is in today's mail.

Sincerely,
Bob Schultz

Robert W. Schultz, R.G.
Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502
510-567-6719 (direct)
510-337-9335 (facsimile)

-----Original Message-----

From: Aris Krimetz [mailto:aris@wentevineyards.com]
Sent: Thursday, September 09, 2004 1:56 PM
To: Schultz, Robert, Env. Health
Cc: Mansour Sepehr (E-mail)
Subject: Request for extension

<<AlaCountyExtension.doc>>
Aris Krimetz
Wente Vineyards
5565 Tesla Road
Livermore, CA 94550
Office: 925 456 2313
Cell: 925 519 9010
arisk@wentevineyards.com
www.wentevineyards.com



January 19, 2005

Aris Krimetz
Wente Bros.
5565 Tesla Rd.
Livermore, CA 94550-9149

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

Subject: Fuel Leak Case No. RO0002585, Wente Vineyards, 5565 Tesla Road,
Livermore, California – Response to Workplan

Dear Mr. Krimetz:

Alameda County Environmental Health (ACEH) has reviewed your October 12, 2004, *Revised Workplan to Conduct Additional Soil and Groundwater Investigation* prepared by SOMA Environmental Engineering, Inc., for the above-referenced site. Up to 24 mg/kg TPHg and 1.3 mg/kg 1,2,4-trimethylbenzene were detected in soil, and up to 200,000 ug/L TPHg, 150,000 ug/L TPHd, 2,100 ug/L benzene, 34,000 ug/L toluene, and 1,800 ug/L naphthalene were detected in groundwater in the location of the former underground storage tanks (USTs) removed in 1987. Three aboveground storage tanks (ASTs) are currently located in this same location. In addition, up to 180 ug/L TPHd and 370 ug/L TPHmo were detected in groundwater near a former steam cleaning area located approximately 190 ft south-southwest of the former USTs. Onsite drinking water supply well 3S/2E 23C 1 is located approximately 265 ft south of the former UST location, and drinking water supply well 3S/2E 23C 2 is located within 300 ft in the approximate downgradient direction from the site. The lateral and vertical extent of contamination is currently undefined. SOMA proposes installation of 9 additional soil borings to further delineate petroleum hydrocarbons and VOCs in groundwater. Please revise your workplan and submit an addendum to address the technical comments below.

TECHNICAL COMMENTS

1. Depth-Discrete Groundwater Sampling

SOMA proposes dual-tube direct push sampling and use of a Watera sampler. It is not clear from SOMA's sampling and analysis plan how cross-contamination will be prevented during collection of multiple depth-discrete samples from a single soil boring. It is also not clear how target groundwater sampling zones will be identified prior to drilling through the target zone. No information was provided regarding the Watera sampler. Typically, depth-discrete groundwater sampling using dual-tube drilling technology requires: 1) a pilot bore hole to identify lithology, and 2) additional boreholes to collect groundwater from each water-bearing zone identified in the pilot borehole. ACEH is willing to consider innovative sampling approaches; however, additional description of methods is required. Please amend your sampling and analysis plan in the workplan addendum requested below.

2. Vertical Definition

To evaluate the vertical extent of groundwater contamination, SOMA states that "the drilling crew will advance the cased DPT sampler to collect discrete groundwater samples from deeper water-bearing zones." Please more fully describe your proposed approach to define the vertical extent of contamination. Please state 1) your proposed screened interval for each depth-

discrete groundwater sample (not greater than 5 ft), and 2) your criteria for determining when further drilling is no longer necessary. To define the vertical extent of source area contamination, we recommend that you collect and analyze soil samples from a boring within or immediately downgradient of the former UST location to at least 10 ft below the total depth of impact, as identified by field screening of samples. Please amend your sampling and analysis plan in the workplan addendum requested below.

3. Drinking Water Supply Well Sampling

SOMA identified well 3S/2E 23C 2 at the property downgradient of and adjacent to the site. According to SOMA, no DWR driller's report was available for this well. Due to the close proximity of this well to the site and the potential for the well to be screened in a shallow zone, we request that you sample this well as part of the current investigation. Both well 3S/2E 23C 2 and onsite well 3S/2E 23C 1 need to be sampled during pumping conditions. If the wells are found to be inactive prior to sampling, we require that the wells be purged and that water quality parameters (including temperature, pH, and electrical conductivity, at a minimum) be monitored until apparent steady-state conditions are achieved. Depending on the results of your groundwater investigation, ambient condition and/or depth-discrete sampling from these wells may also be required in the future. Please amend your sampling and analysis plan in the workplan addendum requested below.

REPORT REQUEST

Please submit your *Workplan Addendum*, which addresses the comments above by **April 19, 2005**. ACEH makes this request pursuant to California Health & Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2778 outline the responsibilities of a responsible party for an unauthorized release from an UST system, and require your compliance with this request.

Professional Certification and Conclusions/Recommendations

The California Business and Professions Code (Sections 6735 and 7835.1) requires that workplans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

Perjury Statement

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, late reports or enforcement actions by ACEH may result in you becoming ineligible to receive cleanup cost reimbursement from the state's Underground Storage Tank Cleanup Fund (senate Bill 2004).

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested we will consider referring your case to the County District Attorney or other appropriate agency, for enforcement. California Health and Safety Code, Section 25299.76 authorizes ACEH enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

Please call me at (510) 567-6719 with any questions regarding this case.

Sincerely,



Robert W. Schultz, R.G.
Hazardous Materials Specialist

cc: Mansour Sepehr, SOMA Environmental Engineering, Inc., 2680 Bishop Dr., Ste. 203,
San Ramon, CA 94583
Matt Katen, Zone 7 Water Agency, QIC 80201
Donna Drogos, ACEH
Robert W. Schultz, ACEH

Schultz, Robert, Env. Health

To: Aris Krimetz
Cc: Mansour Sepehr (E-mail)
Subject: RE: Request for extension

Dear Mr. Krimetz:
Your request for an extension of the due date for the required investigation workplan is approved. Please submit your workplan by September 30, 2004.
Thank you,
Bob Schultz

-----Original Message-----
From: Aris Krimetz [mailto:aris@wentevineyards.com]
Sent: Thursday, September 09, 2004 1:56 PM
To: Schultz, Robert, Env. Health
Cc: Mansour Sepehr (E-mail)
Subject: Request for extension

<<AlaCountyExtension.doc>>
Aris Krimetz
Wente Vineyards
5565 Tesla Road
Livermore, CA 94550
Office: 925 456 2313
Cell: 925 519 9010
arisk@wentevineyards.com
www.wentevineyards.com

September 9, 2004

PO-2585

Mr. Robert Schultz
Alameda County Environmental Health Services
1131 Harbor Bay Parkway
Suite 250
Alameda, California 94502

Subject: Wente Bros. Winery, 5565 Tesla Road, Livermore, California

Dear Mr. Schultz:

Per your request dated August 12, 2004, we directed our consultant, SOMA Environmental Engineering (SOMA) to revise the workplan for the subject property. Given the level of additional work you required in your letter, we are unable to meet the September 12, 2004 deadline to complete the workplan.

So far, SOMA has contacted the following agencies in order to complete the regional hydrogeological study for preparation of the workplan:

1. California Department of Water Resources (DWR);
2. California Division of Mines and Geology (CDMG);
3. Regional Water Quality Control Board – San Francisco Region (SFRWQCB);
4. Alameda County Health Care Services – Environmental Health Services (ACHCS); and
5. Zone 7 Water Agency (Zone &) to obtain reports, documents and maps for this regional hydrogeologic study.

We are requesting an extension of our deadline to September 30, 2004 to complete the additional work. I can be reached at (925) 519-9010, if you have any questions or concerns.

Sincerely,

Aris Krimetz
Director of Engineering
Wente Bros.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

August 12, 2004

Aris Krimetz
Wente Bros.
5565 Tesla Rd.
Livermore, CA 94550-9149

Subject: Fuel Leak Case No. RO0002585, Wente Vineyards, 5565 Tesla Road,
Livermore, California

Dear Mr. Krimetz:

Alameda County Environmental Health (ACEH) has reviewed the May 11, 2004, *Workplan For Conducting An Additional Site Investigation and Groundwater Monitoring Well Installation* and the case file for the above-referenced site. The Workplan was prepared and submitted on your behalf by SOMA Environmental Engineering, Inc. We do not concur with SOMA's proposed scope of work or with the proposed technical approach. We request that you address the following technical comments and submit a revised workplan by the due date specified below.

TECHNICAL COMMENTS

The June 23, 2003 *Preliminary Subsurface Investigation* report prepared by Clayton Group Services, Inc., documents the presence of petroleum hydrocarbon contamination in soil and groundwater at the site. Up to 24 mg/kg TPHg and 1.3 mg/kg 1,2,4-trimethylbenzene were detected in soil, and up to 200,000 ug/L TPHg, 2,100 ug/L benzene and 34,000 ug/L toluene were detected in groundwater in the location of the former underground storage tanks (USTs) removed in 1987. Three aboveground storage tanks (ASTs) are currently located in this same location. In addition, up to 180 ug/L TPHd and 370 ug/L TPHmo were detected in groundwater near a former steam cleaning area located approximately 190 ft south-southwest of the former USTs.

In addition, a drinking water supply well is located approximately 265 ft south of the former UST location. We understand that Wente Bros. uses groundwater from the well as a backup drinking water source and for facility process water.

In response to the subsurface petroleum hydrocarbon detections, SOMA proposes to install three groundwater monitoring wells: 1) adjacent and northwest of the former USTs, 2) approximately 50 ft west of the former USTs, and 3) approximately 125 ft northwest of the former USTs. SOMA proposes these locations to evaluate the groundwater gradient and the extent of groundwater contamination in the estimated downgradient direction from the USTs.

1. Site Characterization

Clayton estimates the current local groundwater flow direction to be toward the north-northwest; however, this estimate has not been field confirmed. The monitoring well locations proposed by SOMA may or may not be downgradient of the former USTs. Appropriate screening intervals for the future wells and the influence of the onsite water supply well on shallow groundwater have

not been evaluated. Accordingly, prior to proposing installation of monitoring wells, we request that your scope of work include the following:

- Evaluation of total well depth, screened interval(s), lithology (as available from historical drilling reports), and static depth to groundwater in the onsite water supply well;
- Analysis of a water sample from the supply well (TPHd, TPHg, BTEX and MTBE by EPA Method 8260);
- Additional lithologic characterization to better define the "shallow/perched water-bearing zone" discussed by SOMA;
- Vertical definition of petroleum hydrocarbon contamination in soil and groundwater beneath the former USTs; and
- Depth discrete groundwater sampling to define the plume extent.

As part of your depth discrete groundwater sampling effort we recommend you consider installation of temporary piezometers to evaluate the local groundwater gradient. Once additional hydrogeologic information is available, and once depth discrete groundwater sampling has defined the vertical and horizontal extent of the dissolved contaminant plume(s), monitoring wells may be appropriately sited and installed. Prior to installing wells, we will require an investigation report with a workplan for well installation. Include your proposal for this work in the revised workplan requested below.

In addition, we recommend further assessment of the petroleum hydrocarbon impact near the former steam cleaning area to the south-southwest of the former UST area as part of the current investigation.

2. Regional Hydrogeologic Study

We request that you perform a study of the regional geologic and hydrogeologic setting for your site by reviewing the available technical literature for the area. The objectives of a regional geologic and hydrogeologic study are to 1) provide data to develop an initial Conceptual Site Model (CSM), 2) identify regional hydrogeologic features - and phenomena such as historical water level fluctuations - that could influence or control the migration of contamination, and 3) determine the appropriate scope of initial investigation activities. Background information for your review includes but is not limited to regional geologic maps, United States Geological Survey (USGS) technical reports and documents, Department of Water Resources (DWR) Bulletins, Regional Water Quality Control Board reports on the groundwater basin, data from contaminant investigations in the area, and driller's reports from the well survey requested below (Comment #3). Provide a narrative discussion of the regional geologic and hydrogeologic setting obtained from your background study. Include an evaluation of the potential significance of regional geologic features on site contaminant migration. Use photocopies of regional geologic maps, groundwater contours, cross-sections, etc., to illustrate your results and include a list of the technical references reviewed. Report your results as part of the workplan requested below.

3. Well Survey

We request that you perform a well survey to locate all wells (monitoring and production wells: active, inactive, standby, decommissioned, abandoned and dewatering, drainage and cathodic protection wells) within a 2,000 foot radius of the subject site. Submittal of maps showing the

location of all wells identified in your study, and the use of tables to report the data collected as part of your survey are required. We recommend that you obtain well information from both Zone 7 Water Agency and the State of California Department of Water Resources, at a minimum. Please include an analysis and interpretation of your findings, and report your results in the workplan requested below.

REPORT REQUEST

Please submit a *Revised Soil and Groundwater Investigation Workplan* addressing the comments above to ACEH by **September 12, 2004**. Pursuant to Section 25297 of the California Health and Safety Code, ACEH requests this report utilizing the Regional Water Quality Control Board's authority defined under Section 13267 of the California Water Code.

PROFESSIONAL CERTIFICATION AND CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please be aware that you may be eligible for reimbursement of the costs of investigation from the California Underground Storage Tank Cleanup Fund (USTCF). Information regarding the USTCF is available at: <http://www.swrcb.ca.gov/cwphome/ustcf/>. If you believe you meet the eligibility requirements, I strongly encourage you to obtain an application form online or call the USTCF for an application.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested we will consider referring your case to the County District Attorney or other appropriate agency, for enforcement. California Health and Safety Code, Section 25299.76 authorizes ACEH enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

Mr. Krimetz
August 12, 2004
RO2585

Please call me at (510) 567-6719 with any questions regarding this case.

Sincerely,



Robert W. Schultz, R.G.
Hazardous Materials Specialist

Cc: Mansour Sepehr, SOMA Environmental Engineering, Inc., 2680 Bishop Dr., Ste. 203,
San Ramon, CA 94583
Matt Katen, Zone 7 Water Agency, QIC 80201
Donna Drogos, ACEH
Robert W. Schultz, ACEH

RO 2585



WENTE
VINEYARDS

Alameda County

JAN 09 2004

Environmental Health

January 6, 2004

RE: Record ID RO0002585

Mr. Scott Seery
Hazardous Materials Specialist
ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Dear Mr. Seery,

Subject: Record owners of fee title

This letter is to confirm that Wente Bros. is the current record owner of title of the subject property located at 5565 Tesla Road, Livermore, CA. The property has been owned and occupied by Wente Bros. since 1883. Wente Bros. currently has no intention of releasing any interest in this property. Furthermore, Wente Bros. shall notify your agency within 20 days, if either a change in ownership is contemplated before a site cleanup or closure, or until a determination by your agency that no further mitigation activities are required.

Sincerely,

Aris Krimetz
Corporate Engineer
Wente Vineyards

A.K.

[Faint, illegible text, likely bleed-through from the reverse side of the page]

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.		
REPORT DATE 07/02/03		CASE #		SIGNED: <i>[Signature]</i> DATE: 07/24/03		
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT DONALD ASHTON		PHONE (925) 426-2600		SIGNATURE <i>[Signature]</i>	
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME CLAYTON GROUP SERVICES - AGENT FOR WENTE VINEYARDS			
ADDRESS 6920 KOLL CENTER PARKWAY, #216, PLEASANTON, CA 94566-3102						
RESPONSIBLE PARTY	NAME WENTE VINEYARDS <input type="checkbox"/> UNKNOWN		CONTACT PERSON ARIS KRIMETZ		PHONE (925) 456-2300	
	ADDRESS 5565 TESLA ROAD, LIVERMORE, CA 94550-9149					
SITE LOCATION	FACILITY NAME (IF APPLICABLE) WENTE WINERY		OPERATOR ARIS KRIMETZ		PHONE (925) 456-2300	
	ADDRESS 5565 TESLA ROAD, LIVERMORE, CA 94550-9149					
	CROSS STREET MINES ROAD					
IMPLEMENTING AGENCIES	LOCAL AGENCY ALAMEDA CO. HEALTH CARE SERVICES AGENCY		CONTACT PERSON DONNA DRUGOS		PHONE (510) 567-6700	
	AGENCY NAME LIVERMORE PLEASANTON FIRE DEPARTMENT		CONTACT PERSON DANIEL STEPHANI		PHONE (925) 454-2361	
REGIONAL BOARD SF BAY REGION		CONTACT PERSON BETTY GRAHAM		PHONE (510) 622-2358		
SUBSTANCES INVOLVED	(1) NAME GASOLINE				QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN	
	(2) NAME DIESEL				QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN	
DISCOVERY/ABATEMENT	DATE DISCOVERED 04/18/03		HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input type="checkbox"/> TANK REMOVAL <input checked="" type="checkbox"/> OTHER <u>SUBSURFACE SAMPLING</u>			
	DATE DISCHARGE BEGAN <input checked="" type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> OTHER			
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE <u>10/13/07</u>					
SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER		CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER			
	CHECK ONE ONLY <input type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input checked="" type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)					
CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input checked="" type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY					
	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (PT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input checked="" type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> OTHER (OT)					
COMMENTS						



WENTE BROS.

Fine Wines Since 1883

JAN 14 PM 3:18

January 11, 1991

Mr. Gil Wistar
Hazardous Materials Specialist
DEPT. OF ENVIRONMENTAL HEALTH
80 Swan Way, Room 200
Oakland, CA 94621

RE: Plan of Correction of Violations Per
Certified Mailer #P 062 128 106

Wente Bros. is prepared to correct the following violations noted in your correspondence dated December 11, 1990.

1. All steam cleaning operations have ceased and will not resume until an appropriate waste water handling system is installed. At this time, the specific equipment has not been identified, but it will be in the form of a closed loop system with no future discharges.

2. The soil around the previous steam cleaning area as well as other areas noted in your letter will be sampled and tested by a state certified laboratory and in case of contamination will be remediated on site. The remediation process shall be performed by Wente Bros. personnel or agents thereof. The process will adhere to appropriate regulations and practices established by your office and other agencies involved. These activities will begin immediately, or as soon as weather permits.

3. In the future, all hazardous wastes shall be stored separately in approved, enclosed containers with appropriate labeling. The containers shall be kept in a suitable building and/or be provided with an acceptable secondary containment. Our present plan is to incorporate these measures with the construction of the steam cleaning facility as soon as all components are identified.

4. Immediate provisions shall be made to maintain and properly dispose of hazardous wastes at least every 90 days, and a system of recording will be implemented to provide proper documentation to agents of your office and/or other agencies that may be involved.

If you have any questions regarding this letter please contact me at 447-3603.

Sincerely,

Aris Krimetz
Chief Engineer

AK:hf

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



Certified Mailer # P 062 128 106

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415)

December 11, 1990

Mr. Aris Krimitz
Plant Engineer
Wente Brothers Winery
5565 Tesla Rd.
Livermore, CA 94550

NOTICE OF VIOLATION

Dear Mr. Krimitz:

On November 28, 1990 the Alameda County Department of Environmental Health, Hazardous Materials Division inspected the Wente Brothers facility in Livermore. During this inspection, the Division found several areas of stained soil around the maintenance shop, where hydrocarbon or solvent spillage had occurred. Contamination was particularly evident around a group of unlabeled 55-gallon drums behind the shop. Another area of noticeable contamination was the unlined runoff ditch adjacent to the steam-cleaning pad, where wastes from the steam cleaning of vehicles and equipment have drained directly to the soil for years.

Such gross spillage, and intentional drainage of clearly contaminated runoff, constitute on-site disposal of hazardous waste; this violates Section 25189.5 of the California Health and Safety Code (H&SC). Therefore, the steam-cleaning operation must cease immediately, and all free liquid in the runoff ditch must be pumped into a holding tank until proper disposal arrangements can be made. Then, all areas of soil contamination, in and around this ditch as well as in all other areas of stained soil, should be excavated, followed by sampling and analysis of soil beneath the contamination to confirm that all affected soil has been removed. A work plan for these tasks needs to be developed and submitted to this office for approval; it should be signed by a California-registered engineer or geologist, and must take into account the potential for groundwater contamination resulting from the facility's past operations. (As indicated to you on the telephone, it is acceptable to begin remediation before a work plan is submitted here, as long as the tasks completed conform to requirements laid out in this letter.)

Should Wente Brothers wish to resume steam-cleaning operations at this facility, an appropriate oil/water separator must be installed and serviced so that liquid and solid contaminants are removed and

recycled/disposed of as hazardous waste. Assuming it is fully separated from sludges and hydrocarbons, treated wastewater from the steam-cleaning process can only be discharged into surface waters under a federal NPDES permit, from the San Francisco Bay Regional Water Quality Control Board (RWQCB). Disposal to land requires a state Waste Discharge Requirements permit, also from the RWQCB. In either case, discharges cannot occur unless the water is treated in some manner to "non-detect" levels. Another option for a steam-cleaning setup would be the use of a closed-loop system that would not require any discharge of wastewater.

During the inspection, the Hazardous Materials Division also noted the following violations of the California Code of Regulations, Title 22, at the Wentz Brothers facility.

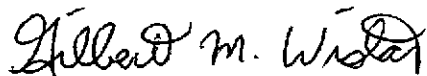
1. Sec. 66508 - Waste oils in the above-ground tank behind the maintenance shed have been stored for over 90 days, and no beginning accumulation date was identified on the tank. Additionally, neither this tank nor any of the 55-gallon drums in this area (presumably containing waste) were labeled properly. All vessels containing hazardous waste must be clearly labeled and disposed of at least every 90 days.
2. Sec. 66492 - The facility could not produce a set of receipts for waste oil disposal dating back three years.
3. Sec. 67241 - Some 55-gallon drums are rusted or otherwise in deteriorated condition. Product (as opposed to waste) in such drums should be used up immediately or transferred to containers in better condition. Hazardous waste in such drums must be disposed of promptly, and the drums retired thereafter.
4. Sec. 67242 - The facility has made a practice of mixing solvents into the waste oil tank. These wastes should be stored, labeled, and handled separately.
5. Sec. 67243 - Several hazardous waste containers were found to be open during the inspection; they must always be kept closed to minimize spillage and prevent overflow.
6. Sec. 67244 - Wentz Brothers Winery has failed to carry out frequent inspections and maintenance of waste storage areas, which appear neglected and in poor condition. Accumulation of unmarked, unidentified drums is a consequence of such neglect.
7. Sec. 67245 - Because hazardous wastes at the facility are stored outdoors, secondary containment is required. The volume of such systems should be 10% of the combined volume of all drums or containers in storage plus at least 3 inches of freeboard to contain precipitation.

Mr. Aris Krimitz
December 11, 1990
Page 3 of 3

In accordance with Sec. 66328 of Title 22, please submit a Plan of Correction to this office within 30 days, or by **January 11, 1991**. The plan should specify the actions to be taken to address each of the above violations and their expected dates of completion. It should also include the work plan described above, as well as a description of procedures to be put into place to prevent future violations.

If you have any questions concerning this letter, please contact me at 271-4320.

Sincerely,



Gil Wistar
Hazardous Materials Specialist

c: Howard Hatayama, DOHS
Gil Jensen, Alameda County District Attorney, Consumer and
Environmental Protection Division
Lester Feldman, RWQCB
Rafat Shahid, Assistant Agency Director, Environmental Health
files

