

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

November 5, 2007

Mr. John Warner
Oro Loma Sanitary District
2600 Grant Avenue
San Lorenzo, CA 94580

Subject: Fuel Leak Case No. RO0000288 (Geotracker Global ID# T0600101928), Oro Loma Sanitary District, 2600 Grant Avenue, San Lorenzo, CA

Dear Mr. Warner:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above referenced site including the report entitled, "Interim Corrective Action Plan (ICAP)," dated August 28, 2007 prepared by the Sutton Group (Sutton). The chosen remedial alternative for the site is a combination of soil excavation and groundwater extraction. The ICAP remedial alternative consist of excavation of hydrocarbon impacted soil in the source area and extraction of impacted groundwater, which will be discharged to the Oro Loma Sanitary District POTW. ACEH generally agrees with the scope of work as recommended in the work plan, provided the following the technical comments are addressed prior to the start of soil excavation activities.

We request that you perform the proposed work, and send us the reports described below. Please provide 72-hour advance written notification to this office (e-mail preferred to steven.plunkett@accgov.org) prior to the start of field activities.

TECHNICAL COMMENTS

1. **Decommission Monitoring Well MW-4 and Replacement Well MW-6.** Sutton has proposed the removal of MW-4 prior to starting soil excavation. ACEH aggress with the recommendation to remove monitoring well MW-4, which is located within the proposed excavation area. The well shall be decommissioned by over-drilling to the total depth, followed by the installation of a cement seal within the borehole. Once the excavation activities have been completed, a replacement well will be installed, developed and sampled prior to the implementation of the groundwater extraction system. Please present the result from the well decommissioning and well installation in the report requested below.
2. **Source Area Excavation.** Sutton suggests that the extent of the excavation will be nominally 8 feet deep -the upper three feet of clean fill will be segregated and reused as backfill- by 40 feet wide by 45 feet in length. The total calculated volume of soil to be removed during excavation is approximately 533 cubic yards. The extent of the excavation will be constrained by existing structures, underground utilities and other onsite infrastructure. During excavation of impacted soil, ACEH requests that a PID must be used to evaluate VOCs in the breathing space and to assess the relative contamination of soil remaining in the excavation sidewalls

and bottom. Once source area excavation has been completed, ACEH may require additional soil sampling to confirm the efficacy of the soil excavation.

It is very likely that during excavation, groundwater infiltration will preclude any confirmation soil sampling from the excavation bottom and shoring will prohibit any confirmation soil sampling from the sidewall. Therefore, ACEH requests that grab groundwater samples must be collected from the excavation pit prior to backfilling. Grab groundwater samples collected from the excavation pit will provide initial baseline contamination concentrations in the source area must be submitted for the following laboratory analysis; TPHg, TPHd, BTEX, MTBE, TAME, ETBE, DIPE, TBA EDB and EDC. Lastly, given the nature of the excavation activities a health and safety plan must be available at all times during the site excavation activities.

3. **Groundwater Extraction and Disposal.** Sutton suggests the installation of a groundwater extraction trench approximately 30 feet downgradient of the excavation boundary. The extraction trench will be used to control dissolved phase TPH contamination migration toward San Leandro Bay. Groundwater removed during extraction will be discharged into the Oro Lomo's publicly owned treatment works. ACEH generally agrees with the groundwater extraction and treatment proposed by Sutton.
4. **Geotracker EDF Submittals.** During our customary review of the State Water Resources Control Board Geotracker website, ACEH found that the Interim Corrective Action Plan has not been submitted to the Geotracker database. Please perform the electronic submittal for the appropriate document and submit verification to this Agency by November 21, 2007.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Steven Plunkett), according to the following schedule:

- **January 15, 2008** – Interim Remedial Corrective Action 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) 383-1767.

Mr. John Warner
October 31, 2007
Page 4

Sincerely,

A handwritten signature in black ink, appearing to read "Steven Plunkett", with a long horizontal line extending to the right.

Steven Plunkett
Hazardous Materials Specialist

cc: John Sutton
The Sutton Group
3708 Mount Diablo Blvd., Suite 215
Lafayette, CA 94549

Donna Drogos, ACEH
Steven Plunkett, ACEH
File

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



F

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

May 2, 2007

Mr. Michael Cortez
Oro Loma Sanitary District
2600 Grant Avenue
San Lorenzo, CA 94580

Subject: Fuel Leak Case No. RO0000288, Oro Loma Sanitary District, 2600 Grant Avenue, San Lorenzo, CA

Dear Mr. Cortez:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above referenced site including the report entitled, "Request for Interim Corrective Action Work Plan," dated March 31, 2007 prepared by the Sutton Group. The work plan discussed several remedial alternatives, including no action combined with monitored natural attenuation, in-situ bioremediation, soil excavation and offsite disposal and groundwater pump and treat. The chosen remedial alternative for the site is a combination of soil excavation and groundwater extraction. ACEH generally agrees with the scope of work as recommended in the work plan, provided the following the technical comments are addressed prior to the implementation of the work plan.

We request that you perform the proposed work, and send us the reports described below. Please provide 72-hour advance written notification to this office (e-mail preferred to steven.plunkett@acgov.org) prior to the start of field activities.

TECHNICAL COMMENTS

1. **Interim Corrective Action.** In a letter dated February 16, 2007, ACEH required Oro Loma Sanitary District (District) to evaluate several remedial alternatives to mitigate soil and groundwater contamination associated with the former UST. Consequently, the District submitted an interim remedial action work plan detailing their proposal to excavate petroleum hydrocarbon impacted soil in the source area, combined with the installation of a groundwater extraction system downgradient of the source area.

Currently, dissolved phase TPH as gasoline and benzene have been detected in the source area at concentrations up to 65,000 ppb and 11,000 ppb, respectively. MtBE was not detected above laboratory reporting limits. It appears that residual sorbed TPHg is continuing to add mass to the dissolved plume and source area remediation is vital to mitigate downgradient plume migration. In addition, groundwater extraction and discharge into the District's Publicly Owned Treatment Works (POTW) has been recommended to mitigate downgradient plume migration. Prior to the implementation of groundwater extraction, a pump test should be performed in monitoring well MW-5. The data generated during the pump test must be used to evaluate aquifer properties, which will be useful to determine the effectiveness of groundwater extraction.

ACEH concurs with the twofold approach to excavate impacted soil in the source area coupled with groundwater extraction, which should reduce downgradient plume migration. Please present the results of the source area remediation and groundwater extraction in the report requested below.

2. **Abandonment of Monitoring Well MW-4.** Prior to soil excavation, monitoring well MW-4 must be abandoned in accordance with Alameda County Department of Public Works well abandonment guidelines. Furthermore, after soil removal and confirmation sampling have been completed a new monitoring well must be installed within 10 feet of the southern limit of the excavation. Please present the results from the monitoring well installation in the report requested below.
3. **Geotracker EDF Submittals** – A review of the case file and the State Water Resources Control Board's (SWRCB) Geotracker website indicate that electronic copies of analytical data have not been submitted for your site. Pursuant to CCR Sections 2729 and 2729.1, beginning September 1, 2001, all analytical data, including monitoring well samples, submitted in a report to a regulatory agency as part of the LUFT program, must be transmitted electronically to the SWRCB Geotracker website via the internet. Additionally, beginning January 1, 2002, all permanent monitoring points utilized to collect groundwater samples (i.e. monitoring wells) and submitted in a report to a regulatory agency, must be surveyed (top of casing) to mean sea level and latitude and longitude accurate to within 1-meter accuracy, using NAD 83, and transmitted electronically to the SWRCB Geotracker website. Beginning July 1, 2005, electronic submittal of a complete copy of all reports is required in Geotracker (in PDF format). In order to remain in regulatory compliance, please upload all analytical data (collected on or after September 1, 2001), to the SWRCB's Geotracker database website in accordance with the above-cited regulation.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Steven Plunkett), according to the following schedule:

- **July 1, 2007** – Report on Interim Remedial Corrective Action

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

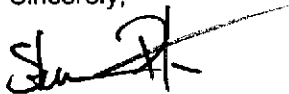
If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code,

Mr. Mike Cortez
May 1, 2007
Page 4

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) 383-1767.

Sincerely,



Steven Plunkett
Hazardous Materials Specialist

cc: John Sutton
The Sutton Group
30778 Mount Diablo Blvd., Suite 215
Lafayette, CA 94549

Donna Drogos, ACEH
Steven Plunkett, ACEH
File

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



F

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

February 21, 2007

Mr. Michael Cortez
Oro Loma Sanitary District
2600 Grant Avenue
San Lorenzo, CA 94580

Subject: Fuel Leak Case No. RO0000288, Oro Loma Sanitary District, 2600 Grant Avenue, San Lorenzo, CA

Dear Mr. Cortez:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above referenced site including the report entitled, "Fourth Quarter 2006 Sampling of Groundwater Monitoring Wells," dated November 20, 2006 and "Remedial Technology Evaluation Work Plan" dated April 5, 2004 and prepared by the Sutton Group. Furthermore, elevated concentrations of total petroleum hydrocarbon as gasoline (TPHg) and benzene were detected at concentrations of up to 89,000 µg/L up to 14,000 µg/L, respectively. Groundwater sampling conducted in November 2006 demonstrate that residual petroleum hydrocarbon contamination in the source are may be continuing to add mass to the dissolved contamination plume.

In September 2006 ACEH met with Mr. Ken Ross of the Oro Loma Sanitary District, and Mr. John Sutton or the Sutton Group to discuss current soil and groundwater contamination issues at the above referenced site. We established that the prior recommendation for In-situ bioremediation with oxygen release compound (ORC) would not adequately abate residual contamination in the source area. We concluded that several alternative remedial methods should be evaluated to mitigate contamination in the source area.

Based on ACEH staff review of the case file, we request that you address the following technical comments and send us the reports described below. Please provide 72-hour advance written notification to this office (e-mail preferred to steven.plunkett@acgov.org) prior to the start of field activities.

TECHNICAL COMMENTS

1. **Interim Remedial Action.** In a letter dated January 2, 2004, ACEH requested additional investigation and interim remedial measures to mitigate residual soil contamination in the source area. Oro Loma Sanitary District subsequently submitted a work plan to evaluate several remedial alternatives. The remedial alternative chosen by the District was in-situ bioremediation using ORC.

The use of ORC as a remedial alternative at fuel leak sites has a history of highly variable results. Additionally, the remedial alternatives suggested by the Sutton Group may not be an appropriate choice for this site. Furthermore, no baseline data has been collected to indicate that the remedial option proposed by the Sutton Group would be effective. There has been

no study of microbial population, chemical oxygen demand, biological oxygen demand, soil porosity or other geochemical parameters to conclude that the proposed remedial option would be effective at this site. Considering the high concentrations of TPH and TPH constituents in soil and groundwater, ACEH recommends that a more aggressive remedial alternative should be considered. Please evaluate several remedial alternatives that could be used to mitigate soil and groundwater contamination at your site and submit the results of your evaluation in the work plan requested below.

2. **Geotracker EDF Submittals** – A review of the case file and the State Water Resources Control Board's (SWRCB) Geotracker website indicate that electronic copies of analytical data have not been submitted for your site. Pursuant to CCR Sections 2729 and 2729.1, beginning September 1, 2001, all analytical data, including monitoring well samples, submitted in a report to a regulatory agency as part of the LUFT program, must be transmitted electronically to the SWRCB Geotracker website via the internet. Additionally, beginning January 1, 2002, all permanent monitoring points utilized to collect groundwater samples (i.e. monitoring wells) and submitted in a report to a regulatory agency, must be surveyed (top of casing) to mean sea level and latitude and longitude accurate to within 1-meter accuracy, using NAD 83, and transmitted electronically to the SWRCB Geotracker website. Beginning July 1, 2005, electronic submittal of a complete copy of all reports is required in Geotracker (in PDF format). In order to remain in regulatory compliance, please upload all analytical data (collected on or after September 1, 2001), to the SWRCB's Geotracker database website in accordance with the above-cited regulation. Please perform the electronic submittals for applicable data and submit verification to this Agency by **March 15, 2007**

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Steven Plunkett), according to the following schedule:

- **March 31, 2007** – Work Plan for Interim Corrective Action

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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PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

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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.

Mr. Mike Cortez
February 17, 2007
Page 4

If you have any questions, please call me at (510) 383-1767.

Sincerely,

A handwritten signature in black ink, appearing to read "Steven Plunkett", with a long horizontal flourish extending to the right.

Steven Plunkett
Hazardous Materials Specialist

cc: John Sutton
The Sutton Group
30778 Mount Diablo Blvd., Suite 215
Lafayette, CA 94549

Donna Drogos, ACEH
Steven Plunkett, ACEH
File

PHONE (925) 284-4208
FAX (925) 284-4189
EMAIL: johnsutton@mindspring.com

THE SUTTON GROUP

SOILS, FOUNDATIONS, DRAINAGE, WALLS, SLOPE INSTABILITY
GEOTECHNICAL, GEO-CIVIL AND ENVIRONMENTAL ENGINEERING

3708 Mount Diablo Blvd
Suite 215
Lafayette, CA, 94549

December 6, 2004

BY REGISTERED MAIL
Alameda County

Ms Donna Drogos
Alameda County Health Care Services
EHS/Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, CA, 94502-6577

DEC 09 2004

Environmental Health

**Re: Plan for Site Remediation of Former 1,000 Gal. UST Area at
Oro Loma Sanitary District's Service Center
2600 Grant Ave., San Lorenzo, CA**

SG File 3022.11

LOP Site No. RO0000288

ST ID 1996

Dear Ms. Drogos:

I am sending this letter by registered mail as I have received no reply to the email that I sent you on November 8, 2004, and re-sent on November 22nd. requesting a meeting.

This firm has been commissioned by Oro Loma Sanitary District, to design, install and operate a groundwater remediation system for clean-up of gasoline-related ground contamination from the subject site. We have been involved with testing, sampling and monitoring of the site since the underground storage tank was removed in 1994.

Following our engineering and economic evaluation of several of potential remediation technologies including method-specific testing, it was concluded that the most appropriate technology for remediating the shallow groundwater will be the Regenesi[®] ORC injection procedure. As you know, the 20-year old patented ORC procedure has been applied successfully at several thousand sites in California, alone.

Before we begin final design of the ORC system at Oro Loma, we are requesting this meeting with your agency to discuss our plans, but more importantly to reach agreement on the clean-up levels that you will require to achieve site closure. This agreement must be reached before the design can be finalized and the remedial technology implemented.

The District is most interested in beginning remediation early in 2005. Please contact me by phone or email (see above) to schedule this meeting as soon as possible. It could be held at your office, or at the District's office, which is adjacent to the site. I and my remediation engineer are generally available, excepting for the last week of



ORO LOMA SANITARY DISTRICT

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GENERAL MANAGER
Michael C. Cameron

September 28, 2004

Ms. Donna Drogos
Hazardous Materials Specialist
Alameda County, Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Alameda County
SEP 30 2004
Environmental Health

**SUBJECT: UNDERGROUND STORAGE TANK CLEANUP
SITE NO. RO0000288
ORO LOMA SANITARY DISTRICT, SAN LORENZO, CA**

Dear Ms. Drogos:

We are continuing to work with The Sutton Group with regard to remediation of the above site. Under the current draft workplan, Sutton is proposing an in-situ bioremediation procedure called Regensis© ORC. Please let us know the success rate of that particular procedure for site closure in the past.

As you are aware, this is a costly proposition (\$200K) including long-term staff involvement. Before authorizing our consultant, Sutton, to prepare a work plan for your consideration, we need assurance from you that the ACEHS will consider Regensis© as a remediation tool. Also, we need target criteria before preparing a work plan.

I am also attaching a copy of a letter sent recently to the SWRCB for your reference. Please call me at (510) 481-6965 if you have any questions.

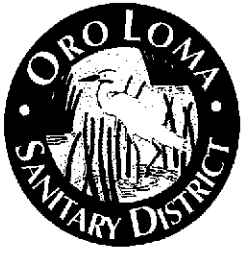
Very truly yours,

Michael P. Cortez, P.E.
District Engineer

Enclosure

cc: John Sutton

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ORO LOMA SANITARY DISTRICT

September 22, 2004

BOARD OF DIRECTORS
Laython N. Landis, President
Roland J. Dias, Vice President
Frank V. Sidari, Secretary
Herbert G. Crowle, Director
Howard W. Kerr, Director

GENERAL MANAGER
Michael C. Cameron

Mr. Abdul Yusufzai
State Water Resources Control Board
Division of Financial Assistance
1001 I Street
Sacramento, CA 95814

**SUBJECT: UNDERGROUND STORAGE TANK CLEANUP FUND
CLAIM #008694, SITE #RO0000288
ORO LOMA SANITARY DISTRICT, SAN LORENZO, CA**

Gentlemen:

Over the past several years, Oro Loma Sanitary District has received reimbursement for consulting services and monitoring activities concerning the above referenced site.

Our consultant now proposes: (a) a more sophisticated method of sampling (micropurge), and (b) the preparation of a workplan to be addressed to the Alameda County Health Department. That workplan would propose in-situ bioremediation using a proprietary procedure called Regenesi[®] ORC.

Before continuing discussions with our consultant, we need a written confirmation from you that we can look forward to reimbursement if we go forward with the consultant's recommendations.

If you need additional information, please call me at (510) 481-6965, or Ken Ross at (510) 481-6972.

Sincerely,

Michael P. Cortez, P.E.
District Engineer

Cc: Sutton Group
Evan Chu, ACEHS

Chu, Eva, Env. Health

From: Chu, Eva, Env. Health
Sent: Tuesday, April 20, 2004 4:35 PM
To: 'jrsgroup@ix.netcom.com'
Subject: RE: Oro Loma

John,

That being the case, please consider this an approval of your workplan. Please provide at least 72 hours advance notice of field activities. If you need a formal letter, let me know.

eva

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

From: John RSutton [mailto:jrsgroup@ix.netcom.com]
Sent: Monday, April 19, 2004 3:31 PM
To: Chu, Eva, Env. Health
Cc: Ken Ross; Gene Barry
Subject: RE: Oro Loma

Thanks for your comments Eva. Yes we did plan to put well pipe in the holes because the sand layer at 6-9 feet will flow, and most wells on that site are slow rechargers.

> [Original Message]
> From: Chu, Eva, Env. Health <eva.chu@acgov.org>
> To: Johnrsutton (E-mail) <johnrsutton@mindspring.com>
> Date: 4/14/2004 2:53:06 PM
> Subject: Oro Loma
>
> Hi John,
>
> I reviewed the Remedial Technology Evaluation and Work Plan report prepared
> for the above referenced site. How will you check for free product. Will
> you insert a screened PVC pipe in each borehole. I think that may be
> prudent to prevent possible collapse of the borehole. If so, the PVC
> screen
> should be from 4 feet bgs to 10 feet bgs (approximately). Let me know
> your
> thoughts on that. Otherwise the proposal to delineate the vertical extent
> of soil contamination, to verify the presence of free product, and to
> collect geochemical parameters is acceptable.
>
> eva chu
> Alameda County Environmental Health
> Sr Environmental Health Specialist
> 1131 Harbor Bay Parkway
> Alameda, CA 94502
> (510) 567-6762
> (510) 337-9234 (fax)
>



State Water Resources Control Board



20-288

Terry Tamminen
Secretary for
Environmental
Protection

Division of Water Quality

1001 I Street • Sacramento, California 95814 • (916) 341-5752
Mailing Address: P.O. Box 2231 • Sacramento, California • 95812
FAX (916) 341-5808 • Internet Address: <http://www.swrcb.ca.gov>

**Arnold
Schwarzenegger**
Governor

*The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption.
For a list of simple ways you can reduce demand and cut your energy costs, see our website at <http://www.swrcb.ca.gov>*

FEB 11 2004

Mr. Michael Cortez, P.E.
Oro Loma Sanitary District
2600 Grant Avenue
San Lorenzo, CA 94580-1838

Dear Mr. Cortez:

PROTECTIVE PETITION, UNDERGROUND STORAGE TANK PROGRAM, LOCAL OVERSIGHT PROGRAM (LOP), SITE NUMBER RO0000288, ORO LOMA SANITARY DISTRICT, 2600 GRANT AVENUE, SAN LORENZO, ALAMEDA COUNTY, FILE NO. PO4-218

This will acknowledge receipt of your January 29, 2004 letter, in which you request that the State Water Resources Control Board (SWRCB) accept a protective petition to preserve your rights of appeal for the Oro Loma Sanitary District, 2600 Grant Avenue, San Lorenzo. We will hold the matter in abeyance for no more than two years from the date of your letter. If, by that time, no resolution of the matter has taken place or the matter has not become the subject of an active dispute, the matter will be dismissed without prejudice.

Please note the significance of the phrase "without prejudice". If, after the matter is dismissed, an actual dispute arises between you and the County over the interpretation or enforcement of the underlying order, you may file a petition with the SWRCB within 30 days of the date of the dispute. Any issues relevant to that dispute, including but not limited to those raised in this petition, will be considered at that time in the same manner as if the petition were filed for the first time.

Please contact me at (916) 341-5645 or brazelli@swrcb.ca.gov if you have any questions or wish to discuss this matter.

Sincerely,

Terry L. Brazell
Underground Storage Tank Program

cc: See page two

California Environmental Protection Agency

Mr. Michael Cortez, P.E.

2

cc: Mr. David Kears, Director
County of Alameda
Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Ms. Eva Chu, Hazardous Materials Specialist
County Alameda
Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Mr. John Sutton, P.E.
The Sutton Group
1480 Moraga Road, Suite I
Moraga, CA 94556

Mr. Roger Brewer
San Francisco Bay Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, CA 94612

Ms. Lori Brock
Office of Chief Counsel
State Water Resources Control Board
1001 I Street, 22nd Floor
Sacramento, CA 95814



ORO LOMA SANITARY DISTRICT

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Howard W. Kerr, Director

GENERAL MANAGER
Michael C. Cameron

January 29, 2004

State Water Resources Control Board
Terri Brazell, Chief, Leak Prevention Regulatory Unit
Water Quality, 17th Floor
1001 I Street
Sacramento, CA 95841

DETITIOUS

R0288

SUBJECT: APPEAL, PROTECTIVE PETITION

Dear Ms. Brazell:

By this letter, we are presenting a Protective Petition to preserve our rights of appeal. The various SWRCB sections that apply are enumerated in the attached letter from the Alameda County Health Care Services Agency dated January 2, 2004.

Please see the attached copies of three letters to the County for more historical information.

We are preparing a response to the County of Alameda. We are not prepared to define the areas of disagreement and therefore do not wish, at this time, to energize the appeal process.

If additional forms or documents are required, please contact me at 510-276-4700.

Very truly yours,

Michael Cortez, P.E.
District Engineer

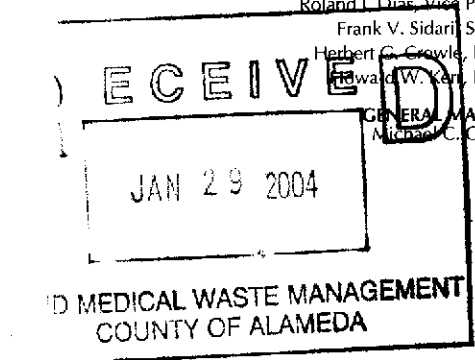
Enc: June 26, 2002, letter to A. Gholami
September 25, 2003 letter to D. Kears
January 27, 2004 letter to E. Chu

cc: D. Kears, County of Alameda
E. Chu, County of Alameda
J. Sutton, The Sutton Group



ORO LOMA SANITARY DISTRICT

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GENERAL MANAGER
 Michael C. Cameron



January 27, 2004

Ms. Eva Chu, Hazardous Materials Specialist
 Alameda County Environmental Health Services
 1131 Harbor Bay Parkway, Suite 250
 Alameda, CA 94502-6577

Subject: Site No. RO0000288 STID 1996
Oro Loma Sanitary District's Service Center
2600 Grant Avenue, San Lorenzo, CA
SG File 3022.10

Dear Ms. Chu:

Thank you for your letter dated January 2, 2004. In it you provided several technical comments about the case and requested that the District study cleanup alternatives that will address the Agency's concerns, culminating in District's submittal of a work plan for remediation of soil and groundwater by April 5, 2004.

The District has met with its environmental consultant, The Sutton Group, to discuss compliance with the Agency's course of action and its submittal deadline. The District has already requested Sutton to commence the Feasibility Study of cleanup alternatives that you requested. Further, to express the District's interest in expeditiously advancing this project towards closure, Sutton has collected this month's quarterly well water specimens in accordance with the current sampling program.

Your letter also detailed the appeal process that is available, which includes a 30-day deadline. In view of that deadline, the District will file with SWRCB to preserve it's right to appeal. However, the filing should not be viewed as any reluctance to continue to cooperate with your Agency. Frustration in the past has been high due to frequent turnover of personnel in your position, and so we appreciate the level of interest you have shown.

One of the District's concerns results from a statement by a recent case officer that Agency files had been pillaged, so you may not have all the results of the investigative work that the District has commissioned in the past decade. We want to ensure that you have all available results in your files, and so have requested John Sutton, PE of The Sutton Group (phone 925-284-4208, email: johnrsutton@mindspring.com) to firstly ensure that you have a complete set of project files. We have asked Mr. Sutton to lead this case-closure effort and we request you communicate through him. If it is necessary to talk with the District, please call me at (510) 481-6965.

Very truly yours,

Michael Cortez, P.E.
 District Engineer

cc: John Sutton, PE, The Sutton Group, Lafayette, CA

F:\GROUPS\ENGR\Ken\SWRCB 01 04.doc

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RECEIVED
JAN 07 2004
ORO LOMA SANITARY DISTRICT

January 2, 2004

Mr. Mike Cortez
Oro Loma Sanitary District
2600 Grant Ave
San Lorenzo, CA 94580

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-8577
(510) 567-6700
FAX (510) 337-9335

Dear Mr. Cortez

Subject: Request for Case Closure, Site No. RO000288, Oro Loma Sanitary District, 2600 Grant Ave, San Lorenzo

Alameda County Environmental Health (ACEH) has received your request regarding the closure of the above referenced site. Based upon our review of your site we are unable to close your case at this time. Additional work is necessary at your site to progress toward case closure. We request that you address the following technical comments and send us the technical reports requested below.

TECHNICAL COMMENTS

- Total petroleum hydrocarbons in groundwater remain elevated. The dissolved plume is not shrinking.
- No source removal (aside from removal of the former underground storage tank) was conducted at the site. The continued detection of elevated gasoline constituents in groundwater may indicate that residual concentrations present in the soil are still a source of pollution.
- The vertical extent of the plume has not been delineated with confirmation soil samples.

TECHNICAL REPORT REQUEST

At this time, you should have a feasibility study performed to evaluate cleanup alternatives that will address the above concerns. A workplan for the remediation of soil and groundwater is due within 90 days of the date of this letter, **or by April 5, 2004.**

Additionally, please be advised that this decision is subject to appeal to the State Water Resources Control Board (SWRCB), pursuant to Sections ~~25296.40~~, ~~25297.1~~, and ~~25299.39.2~~ of the California Health & Safety Code. Please contact the SWRCB Underground Storage Tank Program at (916) 341-5851 for information regarding the appeal process. **Petitions must be filed within 30 days from the date of this letter.**

If you have any questions, please contact me at 510- 567-6762.

A handwritten signature in black ink, appearing to read "Eva Chu".

eva chu
Hazardous Materials Specialist

c: Donna Drogos
John Sutton, The Sutton Group, 1480 Moraga Rd, Suite I, Moraga, CA 94556
Dave Kears, Director



September 25, 2003

ORO LOMA SANITARY DISTRICT

BOARD OF DIRECTORS

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GENERAL MANAGER

Michael C. Cameron

Mr. David J. Kears, Director,
Health Care Services, County of Alameda
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Subject: Appeal to close your case # SG File 3022.9

Dear Mr. Kears:

In 1987, an underground gasoline storage tank on District property was noted to be leaking. The tank was immediately replaced, and no leakage was noted from the new tank. The new tank was removed in 1995. Testing and remedial activities were begun under the direction of The Alameda County Health Department.

In the years that followed, each assignment of a new caseworker resulted in the further expansion of the testing activities while the test results continued to show a reduction in the threat to the public or to waters of the State. The caseworker position, to which we would present the latest test results, is currently vacant.

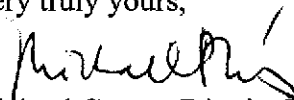
There are no water wells in close proximity to this site. Potable water sources are 600-700 feet below the surface and these sand layers are protected from contamination by a clay layer several hundred feet thick. Tests show that volatilization through the surface is minimal and is not impacting adjacent occupied buildings. There is little migration of the gasoline, but all migration is moving into the District's sewer plant via the trench drain effect of the 60" main sewer lines in Grant Avenue.

A SWRCB representative has reviewed the situation and indicated this situation will naturally remediate itself as determined by studies conducted by the Lawrence Livermore Radiation Laboratory.

The latest test results further testify that the risks have been abated. Continuance of this activity, now in its eighth year, is expensive and time consuming for both our District and the County and makes no contribution to public health or safety.

Respectfully, we ask that this case be closed.

Very truly yours,


Michael Cortez, District Engineer

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO0000288

April 18, 2003

Mr. Mike Cortez
Oro Loma Sanitary District
2600 Grant Ave
San Lorenzo, CA 94580

RE: 2600 Grant Ave, San Lorenzo, CA

Dear Mr. Cortez:

This letter is to memorialize the major points covered in this afternoon's meeting. It was agreed that:

- Quarterly groundwater monitoring should resume for onsite wells MW-4 and MW-5. Wells MW-1 and MW-2 should be monitored semi-annually and well MW-3 be sampled annually. Groundwater for the next sampling event shall be analyzed for TPHg, BTEX, and MTBE. In addition, groundwater from well MW-4 will be analyzed for soluble lead.
- Quarterly groundwater monitoring should resume for well MW-1 at the above ground diesel tank. Groundwater should be analyzed for TPHd and BTEX.
- Quarterly groundwater monitoring reports must include, at minimum, a site plan with gradient/flow direction with accurate north arrow, scale, etc; field notes; laboratory results, including QA/QC; and tabulation of historic groundwater data.
- Data from the quarterly monitoring events should be used to evaluate plume stability.
- Current groundwater concentrations exceed the calculated Tier 1 site specific target levels (SSTLs). Soil data collected to date also exceed Tier 1 SSTLs. Soil vapor samples collected from 3 feet below grade may be warranted to evaluate potential human health risks. Site closure cannot be granted until risk to human health and the environment (due to residual soil and groundwater contamination) has been demonstrated to be insignificant.

If you have any other questions regarding this case, I can be reached at (510) 567-6762.

eva chu
Hazardous Materials Specialist

c: Donna Drogos
email: John Sutton, Sutton Group

ENVIRONMENTAL HEALTH SERVICES

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

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

RO0000288

ENVIRONMENTAL HEALTH SERVICES

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

March 21, 2003

Mr. Michael Cortez
Oro Loma Sanitary District
2600 Grant Ave
San Lorenzo, CA 94580

RE: QMR for 2600 Grant Ave, San Lorenzo, CA

Dear Mr. Cortez:

I am the new caseworker for the above referenced site. When two generations of gasoline tanks were removed (1978 and 1995) from the maintenance building area, it was determined that a release of gasoline fuel has impacted soil and groundwater at the site. I have completed review of the case file and the following is required:

- Quarterly groundwater monitoring shall be implemented for the site. The next sampling event should be in April 2003. Quarterly groundwater monitoring reports (QMR) must include a site plan with gradient and groundwater flow direction, field notes, laboratory analytical results, and a table that includes at a minimum cumulative groundwater analytical results and depth to water. Groundwater should be analyzed for TPHg, BTEX, MTBE, and soluble lead. All five wells (MW-1 through MW-5) should be sampled and monitored.
- Geotechnical boring logs for GB-1 and GB-2 are missing. Please provide.

If you have any questions, I can be reached at (510) 567-6762, or by email at echu@co.alameda.ca.us

eva chu
Hazardous Materials Specialist

email: John Sutton, the Sutton Group

oroloma-1

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



20288

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

STID 1996

August 27, 2002

Mr. Michael Cortez
C/o Oro Loma Sanitary District
2600 Grant Avenue,
San Lorenzo, CA 94580

RE: Former Gasoline Underground Storage Tank at 2600 Grant Ave., San Lorenzo, CA

Dear Mr. Cortez:

I am in receipt of "Addendum to Work Plan for Additional Monitoring Wells" document dated July 28, 2002, by Mr. John Sutton of The Sutton Group, regarding the above referenced site. This addendum was submitted to amend the previously submitted "Work plan for Installing Additional Groundwater Monitoring Wells" document dated May 2, 2002, submitted by Mr. John R. Sutton.

Per our previous meeting and discussion, this work plan was requested based on the fact that the present monitoring wells are located outside of plume area and thus have not been able to provide much information regarding the status of the existing plume. The submitted work plan dated May 2, 2002, by Mr. Sutton is acceptable with the modifications made as specified within the above addendum per my discussion with Mr. Sutton.

Furthermore, please ensure that you calculate the groundwater flow gradient, provide top of casing measurements with respect to Mean Sea Level height (MSL), provide a depth to groundwater table, and provide an explanation regarding the southerly flow gradient direction as opposed to a more "westerly" direction.

Should you have any questions, please do not hesitate to call me at (510) 567-6876.

Sincerely,

Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Mr. John Sutton, The Sutton Group 1480 Moraga Road, Suite I, Moraga, CA 94556
Mr. Ed Hoyer, Oro Loma Sanitary District, 2600 Grant Ave., San Lorenzo, CA 94580
Files

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

STID 1996

August 20, 2001

Mr. Michael Cortez
C/o Oro Loma Sanitary District
2600 Grant Avenue,
San Lorenzo, CA 94580

RE: Former Gasoline Underground Storage Tank at 2600 Grant Ave., San Lorenzo, CA

Dear Mr. Cortez:

I am in receipt of Site Closure Summary document dated 2/20/2001 faxed on August 14th, 2001 submitted by Mr. John R. Sutton of the Sutton Group regarding the above referenced site. Thank you for the submittal of the report. I have reviewed this document and discussed it with Mr. Sutton in length. Furthermore, I have also discussed this case with my colleagues.

As you are aware the present monitoring wells are located outside of plume area and have not provided much information so far. Per my discussion with Mr. Sutton, you need to submit a workplan to install two monitoring wells inside the plume area down-gradient of the former source. Having installed the two new wells a quarterly monitoring of the new wells will provide some information regarding the status of the plume at the above referenced site. Once there is some indication of decrease of plume with establishment of the new data within the plume, we may proceed forward with the above referenced case.

Please be advised that there is no need to sample the old monitoring wells since they have consistently provided non-detect levels of contaminants since they are located "outside" of the existing plume area.

I will look forward to receiving the workplan for the installment of the monitoring wells per my discussion with Mr. Sutton, your consultant.

Should you have any questions, please call me at (510) 567-6876.

Sincerely,

Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Mr. John Sutton, The Sutton Group 1480 Moraga Road, Suite I, Moraga, CA 94556
Mr. Ed Hoyer, Oro Loma Sanitary District, 2600 Grant Ave., San Lorenzo, CA 94580
Files



State Water Resources Control Board



Winston H. Hickox

Secretary for
Environmental
Protection

Division of Clean Water Programs

1001 I Street • Sacramento, California 95814 • (916) 341-5714

Mailing Address: P.O. Box 944212 • Sacramento, California • 94244-2120
(916) 341-5806 • Internet Address: <http://www.swrcb.ca.gov/~cwphome/ustcf>

Gray Davis
Governor

NOV -8 PM 3:52

November 6, 2000

Karl Royer
East Bay Dischargers Authority (Ebd)
2651 Grant Ave
San Lorenzo, CA 94580

Handwritten notes: "AG" circled, "2008" scribbled, "NOV 7/2" written above, and other illegible scribbles.

UNDERGROUND STORAGE TANK CLEANUP FUND PROGRAM, STAFF DECISION TO REJECT CLAIM: CLAIM NUMBER 015864; FOR SITE ADDRESS: 2600 GRANT AVE, SAN LORENZO

Your claim has been found to be ineligible for placement on the Priority List for the following reason:

Release is defined as: 'Release means any spilling, leaking, emitting, discharging, escaping... The term does not include releases which are clearly attributable to spills and overfills occurring as a result of filling or emptying of a tank.'

The faulty shutoff mechanism during filling operation falls into the does not include category identified in the definition.

Furthermore, claimant's claim application was incomplete. The following would be required:

- (1) Clarification would be required for the "joint powers public agency".
- (2) Priority B requires report of financial transactions submitted to the State Controller for the latest fiscal year ending prior to the date of the application.
- (3) DE-6 supporting the number of employees for the last four quarters.
- (4) Leak Report.
- (5) Directive and Notice of Responsibility from the local regulator.
- (6) Site Map showing the location of the tanks.
- (7) Evidence of an owner/operator permit prior to 1/1/90 or complete the Permit Waiver.

NOTE: Sections cited are found in the Petroleum Underground Storage Tank Cleanup Fund Regulations, Title 23, Division 3, Chapter 18, of the California Code of Regulations.

If you disagree with this Staff Decision, you may either request review and reconsideration by the Program Manager or you may formally appeal the decision and request a Final Division Decision from the Chief of the Division. A request for reconsideration along with any additional documentation should be sent to:

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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

Stid 1996

June 14, 1999

Mr. Michael Cortez
C/o Oro Loma Sanitary District
2600 Grant Avenue,
San Lorenzo, CA 94580

RE: Former Gasoline Underground Storage Tank at 2600 Grant Ave., San Lorenzo, CA

Dear Mr. Cortez:

I am in receipt of the "Result of Quarterly Sampling of Ground Water Monitoring Wells" dated June 9, 1999 submitted by Mr. John R. Sutton of the Sutton Group. Thank you for the submittal of the report. As you are aware, the concentrations of all the plume constituents were found at non-detect "ND" with the exception of MTBE, which was detected at 1.49ppb at MW-3 Well.

I understand that the soil concentrations, reported by the Sequoia Analytical, are at ppb rather than ppm levels.

I concur with the future sampling plan as indicated by Mr. Sutton in the above document.

Should you have any questions, please feel free to call me at (510) 567-6876.

Sincerely,

Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Mr. John Sutton, The Sutton Group 1480 Moraga Road, Suite I, Moraga, CA 94556
Mr. Ed Hoyer, Oro Loma Sanitary District, 2600 Grant Ave., San Lorenzo, CA 94580
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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

August 26, 1998

STID #1996

Mike Cortez
C/o Oro Loma Sanitary District
2600 Grant Avenue,
San Lorenzo, CA 94580

Subject: Underground Storage Tank Remediation, at the former site of (1) 1000 gallon gasoline tank at 2600 Grant Avenue, San Lorenzo, CA 94580

Dear Mr. Cortez:

This office has received the "*Supplemental Soil and Groundwater Investigations*", dated July 13, 1998, and submitted by *the Sutton Group*, your consultant of record. Thank you for the prompt submission of the subject document. Upon review of the report submitted, and meeting with your consultant, this office has several comments concerning the former tank area and contemplated actions.

It will be necessary for you to install three monitoring wells in the area of the former underground storage tank to adequately define the horizontal extent of contamination in the area of the tank. The wells should be properly screened so as to allow for a representative sample of the subject constituents. These would be for total petroleum hydrocarbons, BTEX, and MTBE.

Please direct your consultant to submit a work plan for installation of said monitoring wells, referencing the July 13, report. If you have any questions, please do not hesitate to call this office. The telephone number is (510) 567-6737.

Sincerely,

Brian P. Oliva, REHS, REA
Hazardous Material Specialist

C: John Sutton, the Sutton Group
Madhulla Logan, Al Co.
Ed Hoyer, Oro Loma Sanitary District

AKS



ENVIRONMENTAL PROTECTION

ORO LOMA SANITARY DISTRICT

98 AUG -7 PM 1:56

2600 GRANT AVENUE
SAN LORENZO, CALIFORNIA 94580
TELEPHONE 510 276-4700
ADMINISTRATION FAX 510 276-1528
GRANT FAX 510 278-7382

Directors:

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Frank V. Sidari, Vice President
Laython N. Landis, Secretary
Herbert G. Crowle, Director
Roland J. Dias, Director

General Manager:

Michael C. Cameron

August 5, 1998

Mr. Brian Oliva
Senior Hazardous Materials Specialist
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

STID
1998 On phone to
Write Letter to Sutton
re: (3) monitoring wells
in vicinity of the
GAS UST
beyond the
limit of the
plume
monitor for
1 year

SUBJECT: GASOLINE TANK SITE CLOSURE (JOB NO. 45-264-03)
2600 GRANT AVENUE, SAN LORENZO, CA 94580

Dear Mr. Oliva:

Enclosed are two copies of the Report of Supplemental Soil and Ground Water Investigations prepared by The Sutton Group for the District's former 1,000 gallon gasoline tank. We have reviewed the report and concurred with our consultant's findings that the site poses no threat to the public and the environment. The District would appreciate it very much if you can provide a case closure as recommended in the report.

Please do not hesitate to call me at (510) 276-4700, extension 131, if you have any questions.

Sincerely,

Mike Cortez, P.E.
Associate Engineer



Cal/EPA

**State Water
Resources
Control Board**

Division of
Clean Water
Programs

Mailing Address:
P.O. Box 944212
Sacramento, CA
94244-2120

2014 T Street,
Suite 130
Sacramento, CA
95814
(916) 227-6010
FAX (916) 227-4530

World Wide Web
<http://www.swrcb.ca.gov/~cwphome/fundhome.htm>

1996
30



Pete Wilson
Governor

March 27, 1998

Mike Cortez
Oro Loma Sanitary District
2600 Grant Ave
San Lorenzo, CA 94580

**PRE-APPROVAL OF CORRECTIVE ACTION COSTS, CLAIM NO. 8694,
SITE ADDRESS: 2600 GRANT AVE, SAN LORENZO, CA 94580**

I have reviewed your request, received on February 24, 1998, for pre-approval of corrective action costs. I will place these documents in your file for future reference. I have included a copy of the "Cost Pre-Approval Request" form. Please use this form in the future for requesting pre-approval of corrective action costs.

With the following provisions, the total cost pre-approved as eligible for reimbursement for completing the October 23, 1997, The Sutton Group workplan approved by the Alameda County EHD (County) in their January 26, 1998 letter, is **\$10,050**; see the table below for a breakdown of costs.

*Be aware that this pre-approval does not constitute a decision on reimbursement: **all reasonable and necessary corrective action costs for work directed and approved by the County will be eligible for reimbursement per the terms of your Letter of Commitment at costs consistent with those pre-approved in this letter.***

All future costs for corrective action must be approved in writing by Fund staff. Future costs for corrective action must meet the requirements of Article 11, Chapter 16, Underground Storage Tank Regulations.

- The actual costs and scope of work performed must be consistent with the pre-approval for it to remain valid.
- The work products must be acceptable to the County and the Regional Water Quality Control Board.
- If a different scope of work becomes necessary, then you must request pre-approval of costs on the new scope of work.
- Although I have referred to the The Sutton Group proposal in my pre-approval above, please be aware that you will be entering into a private contract: the State of California cannot compel you to sign any specific contract. This letter **pre-approves the costs** as presented in the proposal dated February 18, 1998 by The Sutton Group for conducting the work approved by the County for implementing the October 23, 1997, The Sutton Group workplan.



Recycled Paper

Our mission is to preserve and enhance the quality of California's water resources, and ensure their proper allocation and efficient use for the benefit of present and future generations.

Mr. Jim Munch
California Underground Storage Tank Fund
CLAIM No. 8694, Request for Pre-Authorization No. 1
February 16, 1998
Page 2

contact the undersigned at (510) 631-1688*, Mr. Brian Oliva, at Alameda County Health Department at (510) 567-6737 Or Mr. Mike Cortez of the District at (510) 276-4700 x 131 should you have any questions or comments.

Yours truly,

THE SUTTON GROUP

John R. Sutton PE/GE
Principal Engineer

Attachments:

1. Table 1 Fee Estimate
2. Work Plan, The Sutton Group, dated October 23, 1997
3. Alameda County Health letter dated January 26, 1998

Copies: Mr. Mike Cortez, Oro Loma Sanitary District (w/ Att No. 1 only)
Mr. Brian Oliva, Alameda County Health Department (w/ Att No. 1 only)

* Area Code will change to 925 on March 14, 1998.

Review of Workplan for further Investigation and conducting a Tier 2 RBCA

Brian

I have looked at their workplan. Since the Tier I RBCA did not pass, they plan to do a Tier 2 RBCA. For the risk assessment, they will be using the results of the borings they propose to drill. The only problem that I noted in the workplan is that they are proposing to take 2 vapor samples from the crawlspace area but I mentioned to John Sutton that they need to do the sampling in a reasonably warm to hot day because temperature may effect the amount of vapor they are detect. So, when you approve the plan, mention it as a condition.

Madhulla

20288

LOP - RECORD CHANGE REQUEST FORM

printed:
10/07/97

Mark Out What Needs Changing and Hand to LOP Data Entry
(Name/Address changes go to Annual Programs Data Entry)

Insp: ALL

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 12034
 StID : 1996 LOC: 08/05/97
 SITE NAME: Oro Loma Sanitary Dist DATE REPORTED : 09/30/93
 ADDRESS : 2600 Grant Ave DATE CONFIRMED: 09/30/93
 CITY/ZIP : San Lorenzo 94580 MULTIPLE RPs : N

SITE STATUS

 CASE TYPE: O CONTRACT STATUS: 4 PRIOR CODE:1C4 EMERGENCY RESP:
 RP SEARCH: S DATE COMPLETED: 06/03/94
 PRELIMINARY ASMNT: DATE UNDERWAY: DATE COMPLETED:
 REM INVESTIGATION: DATE UNDERWAY: DATE COMPLETED:
 REMEDIAL ACTION: DATE UNDERWAY: DATE COMPLETED:
 POST REMED ACT MON: DATE UNDERWAY: DATE COMPLETED:

 ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 06/03/94
 LUFT FIELD MANUAL CONSID: 3SCA
 CASE CLOSED: DATE CASE CLOSED:
 DATE EXCAVATION STARTED : REMEDIAL ACTIONS TAKEN:

RESPONSIBLE PARTY INFORMATION

 RP#1-CONTACT NAME: Mike Cortez
 COMPANY NAME: Oro Loma Sanitary District
 ADDRESS: 2600 Grant Ave.
 CITY/STATE: San Lorenzo, C A 94580

INSPECTOR VERIFICATION:			
NAME _____	SIGNATURE _____	DATE _____	
DATA ENTRY INPUT:			
Name/Address Changes Only		Case Progress Changes	
ANPPGMS _____	LOP _____	DATE _____	LOP _____ DATE _____

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

September 15, 1997

STID# 1996

Mr. Michael Cortez
Ora Loma Sanitary District
2600 Grant Avenue
San Lorenzo, CA 94580

Subject: Former Underground Storage Tank, located at Oro Loma Sanitary District, 2600 Grant Avenue, San Lorenzo, CA 95580

Dear Mr. Cortez:

On Thursday, September 11, 1997, this office conducted an inspection of the above referenced facility during a meeting with you concerning the former underground storage tank located on site. Thank you for meeting me on such a short notice.

The subject of the meeting was the requested submission of Tier One RBCA Evaluation, and a time extension. In light of the fact that there is evidence of difficulty regarding funding of the project, a time extension is granted until **October 15, 1997**, for timely submission of the document. Earlier today I spoke with John Sutton, of the Sutton Group who concurred on the time line for submission of the document.

Please call this office if there are any other difficulties regarding said submission. This office may be reached at (510) 567-6737.

Sincerely,

Brian P. Oliva, REHS, REA
Hazardous Materials Specialist

c: Kevin Graves, SFBRWQCB
The Sutton Group, 51 Shuey Drive, Moraga, CA 94556-2620

UNDERGROUND STORAGE TANK FACILITY REPORT

StID#: 1996 Site Status = R

Facility Name / Owner	Facility Address	FacID	Sta	Stat
Oro Loma Corporation Yard	2600 Grant Ave	12087		R
Oro Loma Sanitary District	San Lorenzo CA 94580	#Tanks:		0

276-4700

FINANC. RESP. EXPIR: Mail Address ----- BILLDATE:
 Contact: Tamara Davidson 2600 Grant Avenue 12/15/87
 Phone: Fac: 415-276-4700 San Lorenzo CA 94580 ACCT# T41112
 EMERGENCY PHONES ... DAY: 415-276-4700 ... NITE: 415-278-1747

STATE SURCHARGES: PERMITTING HISTORY:
 Paid: 06/21/94 PermitIssu: St.Appl.Dt:
 PermHist: Next Due: PermitExpi: Old Perms:
 REMOVED 1 UST 5/3/95 (ALL). 1 UST Paid. Old st. surch date 4/18/88 for 1 UST

--- Tank Information Using Codes from FORM-B ---

Per Tank Info:	Sngl/Dbl	Last Test	Freq (#Mos)
State ID	1 Material	TANKS:	
Owner ID	CorrProt	PIPES:	
Location	SpilProt	Year Pump Interlock Installed:	
TStatus	R OverProt	STATE SURCHARGE Paid :	06/21/94
DtInstal	01/01/68 TLeakDet 2,6	" " Next Due:	
DtRemovd	PIPE:Const	TANK APPLICATION DATE :	
Capacity	1000 Material	TANK Permit Issue Date:	
Contents Leaded	PLeakDet	TANK Permit Expir Date:	

=====
Date Printed: The above information is correct as printed: StID Complete == Pg ==

PRINT Name/Title of Facility Contact Signature Date

Alameda County Hazardous Materials Inspector Date
Report USTFacil; rev 10/96

ALAMEDA COUNTY HAZARDOUS MATERIALS DIVISION

09/11/97

UNDERGROUND STORAGE TANK CLEANUP SITE

AGENCY#: 10000 SOURCE OF FUNDS: F-FEDERAL INSPECTOR: AL
 StID: 1996 SUBSTANCE: 12034 -Diesel
 SITE NAME: Oro Loma Sanitary Dist DATE REPORTED : 09/30/93
 ADDRESS : 2600 Grant Ave DATE CONFIRMED: 09/30/93
 CITY/ZIP : San Lorenzo, CA 94580 MULTIPLE RP's : N

CASE TYPE: O CONTRACT STATUS: 4 PRIOR:1C4 EMERGENCY RESPONSE:

RP SEARCH	: S	DATE END:	06/03/94
PRELIM ASSESSMENT	:	DATE BEGIN:	DATE END:
REMEDIAL INVESTIG	:	DATE BEGIN:	DATE END:
REMEDIAL ACTION	:	DATE BEGIN:	DATE END:
POST REMED MONITOR:	DATE BEGIN:	DATE END:	

TYPE ENFORCEMENT ACTION TAKEN: 1 DATE OF ENFORC. ACTION: 06/03/94

UNDERGROUND STORAGE TANK CLEANUP SITE - SCREEN #2

LUFT FIELD MANUAL CONSIDERATION: 3SCA CASE CLOSED: on:

DT EXC START: REMEDIAL ACTIONS TAKEN:

RP #1: CONTACT: Mike Cortez RP COST:
 RP COMPANY NAME: Oro Loma Sanitary District Ph:
 ADDRESS: 2600 Grant Ave.
 CITY/STATE: San Lorenzo, C A 94580

Listing all LOP DAILY activities since 1991 for StID # 1996
as of 09/11/97

Act91_4
Act92_1
Act92_2
Act92_3
Act92_4
Act92_5
Act93_1
Act93_2
Act93_3

ActivDat	Insp	ACT	Activ	StID	ActCostF	acomment
09/17/93	JMS	42	1.	1996	\$40.41	Reviewed closure plans
09/21/93	JMS	42	0.7	1996	\$28.29	spoke to John Stean and Gary Trump (in office) and completed review of closure plans

Act93_4
Act94_1
Act94_2

05/10/94	JMS	42	0.4	1996	\$17.54	Spoke to Shelly Fletcher, Levine-Fricke, and provided map on Required tank removal
06/03/94	JMS	200	0.2	1996	\$8.77	Entered info into database and printed NOR
06/08/94	JMS	212	0.1	1996	\$4.39	Spoke to Mike Cortez re tank removals and NOR
06/08/94	JMS	215	1.5	1996	\$65.78	Spoke to Mike Cortez and wrote letter to site
06/27/94	JMS	215	0.5	1996	\$21.93	Reviewed May 23, 1994 Qtrly
Act94_3 07/06/94	JMS	215	0.3	1996	\$13.16	Reviewed info (invoices) sent by Cortez on 6/14/94 and left him detailed message
07/08/94	JMS	212	0.5	1996	\$21.93	Spoke to michael Cortez on phone and mailed forms
07/14/94	JMS	215	1.	1996	\$43.85	Reviwed the additiona linfo sent by Mr. Cortez detailing work related to diesel UST piping leak
08/02/94	JMS	212	0.2	1996	\$8.77	Checked files in response to his message re ext. and returned call

Act94_4

10/26/94	JMS	212	0.2	1996	\$9.11	Spoke to John Sutton re anticipated soil delineation and tank removal
11/07/94	JMS	212	0.2	1996	\$9.11	Spoke to Mike Cortez re tank pull and status
12/06/94	JMS	212	0.1	1996	\$4.55	Discussed site with Amy Leech for case transfer

Act95_1

01/06/95	ALL	212	0.5	1996	\$20.10	Phone call w/consultant, John Sutton regarding his questions and County's requirements.
01/06/95	JMS	212	0.7	1996	\$31.87	Discussed site with Amy Leech for transfer process
01/06/95	ALL	215	0.5	1996	\$20.10	Review & update file.
01/06/95	ALL	215	2.	1996	\$80.40	Review file regarding past and upcoming investigations. Discuss

01/09/95	ALL	212	0.5	1996	\$20.10	case history w/J.Shin Phone call w/RP rep. Mike Cortez regarding status of site & County requirements.
01/09/95	ALL	215	0.3	1996	\$12.06	Update notes to file
01/23/95	ALL	215	1.	1996	\$40.20	Review case and write letter regarding tank removal and workplan requirements.
01/24/95	ALL	215	1.	1996	\$40.20	Complete letter to RP.
Act95 2						
04/12/95	ALL	215	2.	1996	\$80.40	REVIEW CASE STATUS AND QMR DTD 3/17/95.
04/13/95	JMS	212	0.5	1996	\$23.82	Spoke to Amy Leech re site
04/13/95	ALL	215	0.2	1996	\$8.04	DISCUSSED CASE W/J.SHIN.
04/13/95	ALL	215	1.6	1996	\$64.32	DRAFT LETTER TO RP.
04/17/95	ALL	212	0.5	1996	\$20.10	REVIEWED FILE AND SPOKE W/SHELLIE FLETCHER W/LEVINE FRICKE REGARDING CASE. NOTES TO FILE.
04/17/95	ALL	215	0.3	1996	\$12.06	DISCUSS CASE STATUS W/J.SHIN.
04/17/95	ALL	215	2.3	1996	\$92.47	REVIEW TANK CLOSURE PLANS FOR 1K GASOLINE UST AND FINAL LETTER TO RP AND CONSULTANT.
04/17/95	JMS	215	0.3	1996	\$14.29	Reviewed letter and discussed with AL
04/18/95	ALL	212	0.2	1996	\$8.04	SPOKE TO RP, MIKE CORTEZ.
04/18/95	ALL	215	0.2	1996	\$8.04	FINAL AND PERMIT TANK CLOSURE PLANS.
04/18/95	ALL	215	0.8	1996	\$32.16	FINAL LETTER TO RP.
04/18/95	EC	215	0.2	1996	\$9.41	peer review letter for all
04/21/95	ALL	212	0.1	1996	\$4.02	SPOKE W/RP, MIKE CORTEZ RE: 4/17/95 LETTER.
05/03/95	ALL	210	3.	1996	\$124.77	TANK REMOVAL OF 1000 GALLON GASOLINE UST.
05/04/95	ALL	212	0.1	1996	\$4.02	CONTACTED CONSULTANT AND RP ABOUT GRAB GW SAMPLES FROM UST PIT.
05/04/95	SOS	215	0.2	1996	\$10.66	discuss UST closure sampling w/ ALL
06/02/95	ALL	212	0.2	1996	\$8.04	MSG FROM RP'S CONSULTANT RE: LATE W/P - RETURNED RPS' CONSULTANT, SHELLIE FLETCHER W/LEVINE FRICKE, CALL.
06/13/95	TP	215	0.1	1996	\$6.24	supv. case review
06/21/95	ALL	212	0.1	1996	\$4.02	RETURNED CALL TO SHELLIE FLETCHER W/LEVINE FRICKE.
06/23/95	ALL	212	0.5	1996	\$20.10	SPOKE W/ SHELLIE FLETCHER AND MIKE CORTEZ RE: UPCOMING W/P. NOTES TO FILE
Act95 3						
08/01/95	ALL	215	0.1	1996	\$4.21	DISCUSSED OLD ULR P/W IN FILE W/J.SHIN
09/27/95	ALL	215	0.5	1996	\$21.03	REVIEW LETTER FROM RP DATED 9/15/95 AND CASE FILE.
09/27/95	ALL	215	0.5	1996	\$21.03	DISCUSSED LETTER FROM RP DATED 9/15/95 W/TOM PEACOCK.
09/27/95	ALL	215	0.7	1996	\$29.44	DISCUSS W/J.SHIN AND PAM EVANS RE: SITE HISTORY AND LETTER FROM RP DATED 9/15/95.
09/27/95	JMS	215	0.8	1996	\$38.10	Discussed site with Amy Leech and Pam Evans
09/27/95	TP	215	0.4	1996	\$24.96	w/ALL, actions & letter to Rafat
09/28/95	ALL	215	2.	1996	\$84.11	PREPARED NOTES TO FILE IN RESPONSE

						TO 9/15/95 LETTER FROM RP.
09/28/95	TP	215	0.3	1996	\$18.72	review again with ALL
09/29/95	ALL	212	0.1	1996	\$4.21	RETURNED MSG FROM MIKE CORTEZ W/OLSD -- LEFT MSG ON HIS VM.
Act95 4						
10/02/95	TP	212	0.3	1996	\$19.54	schedule mtg. w/Mike Cortez, ALL, JMS
10/02/95	ALL	215	0.2	1996	\$8.78	COORDINATE SCHEDULING OR 10/5/95 MEETING WITH RP.
10/03/95	JMS	215	0.2	1996	\$9.95	Reviewed over Amy's notes
10/05/95	TP	210	2.4	1996	\$156.32	w/Juliet, ALL
10/05/95	ALL	212	2.5	1996	\$109.79	MEETING W/OLSD REPS.
10/05/95	JMS	212	1.	1996	\$49.74	Discussed site with Amy
10/05/95	JMS	212	2.7	1996	\$134.30	Met with Mike Cameron, James Bissell, and Mike Cortez re anticipated work
10/05/95	ALL	215	0.8	1996	\$35.13	DISCUSSED MEETING W/J.SHIN AND T.PEACOCK.
10/11/95	TP	212	0.2	1996	\$13.03	w/Bob Murowski
10/25/95	JMS	212	0.3	1996	\$14.92	Discussed site and drafting of letter with ALL
10/25/95	ALL	215	0.9	1996	\$39.52	REVIEW CASE AND LEFT MSG W/RP, MIKE CORTEZ. REVIEWED UST REMOVAL REPORT DATED 6/7/95
10/26/95	ALL	215	1.8	1996	\$79.05	REVIEWED FILE AND CONTACT RP'S CONSULTANT, JOHN SUTTON. PREPARED MINUTES FROM 10/5/95 MEETING
10/30/95	ALL	204	0.3	1996	\$13.17	DISCUSSED SITE W/ KEVIN GRAVES.
10/30/95	ALL	212	0.7	1996	\$30.74	DISCUSSES INVESTIGATIVE DIRECTION W/ RP, MIKE CORTEZ, AND RP'S CONSULTANT, JOHN SUTTON.
10/30/95	ALL	215	0.6	1996	\$26.35	NOTES TO FILE
11/03/95	ALL	215	1.9	1996	\$83.44	DRAFT LETTER TO RP RE: REQ'D LOP INVESTIGATIONS. DISCUSSED SITE W/S.SEERY.
11/03/95	SOS	215	0.4	1996	\$22.27	discuss case w/ ALL
11/08/95	ALL	215	2.7	1996	\$118.57	CONTINUE DRAFTING LETTER TO RP.
11/09/95	JMS	212	0.5	1996	\$24.87	Discussed site with Amy Leech
11/09/95	ALL	215	1.	1996	\$43.91	WORK ON LETTER FOR RP - DISCUSS W/J.SHIN.
11/13/95	ALL	215	2.6	1996	\$114.18	FINALIZE LETTER TO RP
11/13/95	SOS	215	1.2	1996	\$66.82	review case w/ ALL; discuss w/ same
11/13/95	TP	215	0.1	1996	\$6.51	supv. review
12/07/95	ALL	212	0.3	1996	\$13.17	REVIEW FILE AND RETURN RP'S CALL TO SCHEDULE MEETING
12/08/95	ALL	212	1.5	1996	\$65.87	MET W/OLSD AND CONSULTANT
12/08/95	ALL	215	0.4	1996	\$17.57	REVIEW RBCA INFO FOR MEETING TODAY.
12/14/95	ALL	215	0.8	1996	\$35.13	PREPARE NOTES FROM MEETING W/OLSD AND CONSULTANT ON 12/8/95. CALLED CHERYL GORDON REGARDING STATUS OF APPLI.
12/27/95	ALL	215	0.7	1996	\$30.74	MET W/J.SHIN TO DISCUSS APPROPRIATENESS OF FUTURE WORK.
12/27/95	JMS	215	0.5	1996	\$25.95	Discussed site with ALL
12/29/95	ALL	212	0.2	1996	\$8.78	CALL TO MIKE CORTEZ RE: STATUS OF APPLIC W/CLEANUP FUND.
12/29/95	ALL	212	0.3	1996	\$13.17	CALL FROM JOHN SUTTON TO DISCUSS SITE W/P.
12/29/95	ALL	215	0.2	1996	\$8.78	COPIED AND MAILED DIESEL MAP TO J.SUTTON.

Act96 1

01/11/96	ALL	215	1.2	1996	\$57.12	REVIEW WORKPLAN DATED 1/9/96 FORM THE SUTTON GROUP.
01/16/96	ALL	212	0.4	1996	\$19.04	RTND J.SUTTON'S CALL AND FAXED INFO.
01/16/96	JMS	212	0.3	1996	\$16.16	Discussed w.p. with AL
01/16/96	ALL	215	0.2	1996	\$9.52	DISCUSS W/P W/J.SHIN
01/17/96	ALL	212	0.2	1996	\$9.52	DISCUSS W/P W/J.SUTTON
01/17/96	ALL	215	0.3	1996	\$14.28	REFAX INFO TO SUTTON AND NOTES TO FILE
01/18/96	ALL	215	0.2	1996	\$9.52	REFAX INFO TO J.SUTTON AND MAIL INFO TO HIM.
01/25/96	ALL	212	0.3	1996	\$14.28	RTND CALL TO J.SUTTON TO DISCUSS W/P - NOTES TO FILE.
01/29/96	ALL	212	0.5	1996	\$23.80	DISCUSSED W/P W/RP, MIKE CORTEZ. NOTES TO FILE.
02/01/96	ALL	212	0.2	1996	\$9.52	CALL TO RP, MIKE CORTEZ.
02/01/96	ALL	215	1.9	1996	\$90.44	LETTER OUT TO RP.
02/01/96	JMS	215	0.2	1996	\$10.77	Discussed site with ALL and reviewed ltr
02/05/96	ALL	212	0.4	1996	\$19.04	CALL FROM J.SUTTON RE 2/1 LETTER. NOTES TO FILE
03/04/96	ALL	212	0.2	1996	\$9.52	RETURNED CALL TO J.SUTTON RE: 3/7 WORK DATE.
03/07/96	ALL	210	2.9	1996	\$139.86	ON-SITE FOR SUBSURFACE SOIL AND GW INVESTIGATION.

Act96 2

05/09/96	ALL	215	0.2	1996	\$8.93	CALL FROM J.SUTTON RE STATUS OF SITE
05/09/96	ALL	215	0.3	1996	\$13.40	CK STATUS OF SITE. CALL TO RP AND CONSULTANT
05/20/96	ALL	215	0.5	1996	\$22.33	REVIEW REPORT DATED 5/17/96
05/21/96	ALL	212	0.4	1996	\$17.87	DISCUSSED 5/15/96 DRAFT REPROT W/J.SUTTON.
05/21/96	ALL	215	0.5	1996	\$22.33	CONTINUE TO REVIEW REPRT DATED 5/15/96 RE S&GW INVESTIGATION
05/30/96	ALL	212	0.3	1996	\$13.40	CALL TO J.SUTTON TO ASK ABOUT DIESEL REPORT
06/12/96	ALL	212	0.2	1996	\$8.93	RETURNED CALL TO J.SUTTON TO COORDINATE MEETING W/OLSD.

Act96 3

07/24/96	ML	212	0.5	1996	\$24.04	discuss case with John Sutton
07/24/96	ML	215	1.5	1996	\$72.11	review whole site history
07/31/96	ALL	212	0.1	1996	\$4.59	CALL FROM J.SUTTON - LEFT MSG.
08/02/96	ALL	212	0.3	1996	\$13.78	DISCUSS SITE STATUS W/J.SUTTON
08/06/96	ALL	212	0.6	1996	\$27.55	MET W/J.SUTTON TO DISCUSS SITE. CALLED M.CORTEZ TO DISCUSS SITE STATUS.
08/06/96	ALL	215	0.5	1996	\$22.96	DISCUSSED SITE W/J.SHIN.
08/06/96	ALL	215	1.7	1996	\$78.06	REVIEW FILE STATUS AND REPTS DATED 6/7/96.
08/06/96	JMS	215	0.6	1996	\$30.85	Discussed site with Amy
08/07/96	ALL	212	0.2	1996	\$9.18	CALL FROM J.SUTTON
08/09/96	ALL	215	1.5	1996	\$68.88	DRAFT LETTER TO OLSD.
08/12/96	ALL	215	1.	1996	\$45.92	FINALIZE LETTER TO OLSD
08/12/96	ALL	215	2.9	1996	\$133.16	COMPLETE DRAFT LETTER TO RP
08/12/96	JMS	215	0.2	1996	\$10.28	Reviewed ALL's letter and discussed
08/19/96	ALL	212	0.2	1996	\$9.18	CALL FROM J. SUTTON RE MEETING DATE W/RP TO DISCUSS OUR RECENT LETTER.

09/04/96	ALL	212	0.2	1996	\$9.18	CALL FROM J.SUTTON AND M.CORTEZ TO CONFIRM 9/10 MEETING.
09/05/96	ALL	215	0.1	1996	\$4.59	REVIEW SITE STATUS. NOTES TO FILE.
09/10/96	ALL	212	3.	1996	\$147.63	MEETING W/OLSD
09/11/96	ALL	212	0.3	1996	\$13.78	DISCUSSED DRAINAGE ISSUES W/MIKE CORTEZ
09/11/96	ALL	215	0.8	1996	\$36.73	DISCUSS CASE W/S.SEERY
09/11/96	SOS	215	0.8	1996	\$44.08	discuss case w/ ALL
09/12/96	ALL	204	1.5	1996	\$68.88	MEETING W/K.GRAVES RE SITE
09/13/96	ALL	212	0.2	1996	\$9.18	LEFT MSG W/A.LEYTON TO FAX GRADIENT INFO TO US BY 9/17.
09/13/96	ALL	212	0.3	1996	\$13.78	LOCATED RA EGS/ADDRESSES FRO CONSULTANT TO REVIEW AND LEFT MSG.
09/13/96	ALL	215	0.3	1996	\$13.78	FAX LOCATION INFO TO K.GRAVE RE MEETING TIME AND PLACE.
09/13/96	ALL	215	0.4	1996	\$18.37	COORDINATE MEETING TIME W/OLSD, CONSULTANT AND RWQCB
09/19/96	ALL	204	2.2	1996	\$101.02	MEET W/K.GRAVES AND OLSD ON SITE.
09/19/96	ML	212	0.5	1996	\$24.04	discussion- phone conversation
09/19/96	ALL	215	0.2	1996	\$9.18	DISCUSS SITE W/M.LOGAN
09/25/96	ALL	212	0.2	1996	\$9.18	CALL FROM J. SUTTON
09/25/96	ALL	215	0.6	1996	\$27.55	REVIEW LETTER FROM SUTTON GROUP 9/19/96. NOTES TO AND ORG FILE. LEFT MSG W/J.SUTTON
Act96 4						
10/01/96	ALL	215	1.3	1996	\$59.69	DISCUSS SITE W/M.LOGAN
10/01/96	ML	215	1.	1996	\$48.07	orolomat sanitary district-discussion
10/02/96	JMS	212	0.8	1996	\$41.14	Discussed site with Amy Leech
10/02/96	ALL	215	1.1	1996	\$50.51	DISCUSSED CASE W/J.SHIN AND M.LOGAN.
10/15/96	ALL	212	0.5	1996	\$22.96	DISCUSS SITE STATUS W/J.SUTTON. NOTES TO FILE
10/15/96	ALL	212	0.7	1996	\$32.14	CALL FROM M.CORTEZ. CALL TO J.SUTTONNOTES TO FILE
10/16/96	ALL	212	0.2	1996	\$9.18	CALL TO J.SUTTON TO DISCUSS RP'S CONCERNS.
10/21/96	ALL	210	1.4	1996	\$64.28	FIELD SURVEY TO IDENTIFY POTENTIAL ENVIRONMENTAL AND HUMAN RECEPTORS.
10/21/96	SOS	210	1.4	1996	\$77.15	site visit w/ ALL to observe possible receptor locations
10/21/96	ALL	215	0.2	1996	\$9.18	NOTES TO FILE.
10/21/96	ALL	215	2.	1996	\$91.84	DISCUSS CASE W/S.SEERY
10/21/96	SOS	215	1.5	1996	\$82.66	discuss case w/ ALL
10/23/96	ALL	215	1.2	1996	\$55.10	DRAFT LETTER TO RP. REVIEW FILE DATA AND ASTM GUIDELINES
10/29/96	ALL	215	3.5	1996	\$160.71	REVIEW CASE STATUS. DRAFT LETTER TO RP RE RBCA APPROACH FOR SITE.
10/30/96	ALL	215	1.3	1996	\$59.69	FINALIZE OLSD LETTER RE ASTM-REBCA REQ'TS
10/30/96	SOS	215	1.6	1996	\$88.17	review corresp for and discuss case w/ ALL
12/02/96	ALL	212	0.7	1996	\$32.14	CALL FROM J.SUTTON. NOTES TO FILE
12/03/96	ALL	212	0.6	1996	\$27.55	REVIEW FREE PRODUCT INFO ETC. CALL TO J.SUTTON
05/28/97	ALL	204	0.3	1996	\$0.00	CALL FROM CHERYL GORDON. NOTES TO FILE.
05/28/97	ALL	212	0.3	1996	\$0.00	CALL TO JOHN SUTTON.
06/02/97	ALL	212	0.3	1996	\$0.00	REVIEW FILE. LEFT MSG FOR MIKE CORTEZ.

06/03/97	ALL	212	0.2	1996	\$0.00	LEFT MSG W/MIKE CORTEZ
06/05/97	ALL	215	1.6	1996	\$0.00	LEFT MSG FOR M.CORTEZ. DRAFT LETTER
06/09/97	ALL	204	0.5	1996	\$0.00	CONSULT W/ RWQCB RE EBMUD PROJECT SITE SELECTION.
06/09/97	ALL	212	0.6	1996	\$0.00	CALLS FROM J. SUTTON AND M.CORTEZ. NOTES TO FILE.
08/26/97	BO	200	1.	1996	\$0.00	file review
08/27/97	BO	200	0.2	1996	\$0.00	on phone with RP
08/27/97	BO	200	1.	1996	\$0.00	case work
08/27/97	BO	200	1.5	1996	\$0.00	file review

complete

printed 09/11/97

SITE PROFILE SUMMARY
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FACILITY INFORMATION:

Name: Oro Loma Sanitary District

StID:1996 DepRef's Site#:1966
 Addr: 2600 Grant Ave-----
 San Lorenzo CA 94580

PROGRAM INFORMATION:

Gen	BPl	UGT	LOP	Dep	PBR	Storm	Lead	AHM	LOG	(Compl	ER	Prop65)
~~~	~~~	~~~	~~~	Ref	~~~	~~~~	~~~~	~~~	~~~			
C	E	R	A R		Y			Y		--	--	--
H42271		T41112										

TRACKING RECORDS GATHERING:

Data Recs.	Program	Paper Records - Location	Date Ret'd
-----	-----	-----	-----
_____	GENERATOR	- - - - -	_____
_____	BUSINESS PLAN	- - - - -	_____
_____	UNDERGRD TANKS	- - - - -	_____
_____	STORM WATER	- - - - -	_____
_____	DAILIES (HAZMAT)	- - - - -	_____
_____	LOP - FULL SITE & HISTORY	- - - - -	_____
_____	DEPOSIT REFUND (HM) ✓ worksheets:	Proj#: _____	_____
	Site#: _____	Proj#: _____	_____
		Proj#: _____	_____
_____	BILDEP (BILLING)	n/a	_____
_____	COMPLAINTS (see Shirley S.)	- - - - -	_____
_____	EMERGENCY RESPONSE	- - - - -	_____
_____	PROPOSITION 65	- - - - -	_____

**THE SUTTON GROUP**

Engineering and Environmental Services  
51 Shuey Drive  
Moraga, California, 94556-2620  
phone (510) 631-1688 fax (510) 631-1371

September 3, 1997

Mr. Michael Cortez  
Oro Loma Sanitary District  
2600 Grant Avenue  
San Lorenzo, 94580

SEP 8 1997

**Subject:** Change Request:  
Tier One RBCA Evaluation and Work Plan  
Gasoline Tank Site Closure at 2600 Grant Ave., San Lorenzo, CA  
OLSD PO No. 4911, SG Project No. 3022.7

Dear Mike:

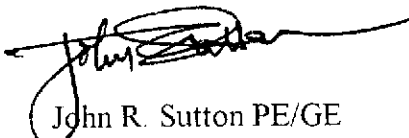
Per our telecon today I have tabulated the scope changes necessary to complete the RBCA site assessment that Alameda County Environmental Health Department (ACEHD) requested in the October 29, 1996 and June 12, 1997 letters. The project has been essentially on 'hold' status since last October, per the District's request.

This scope change request will, we believe, includes the scope requested by ACEHD that will eventually result in site closure without excavation of contaminated soil from beneath the parking lot. At some time in the future, an estimated three to five ground water monitoring wells will need to be installed to monitor the natural degradation of the ground water contamination plume.

Please call me if I can assist you further

Yours truly,

**THE SUTTON GROUP**

  
John R. Sutton PE/GE  
Principal Engineer

attachment (Table 1)



**Cal/EPA**

**State Water  
Resources  
Control Board**

Division of  
Clean Water  
Programs

Mailing Address:  
P.O. Box 944212  
Sacramento, CA  
94244-2120

2014 T Street,  
Suite 130  
Sacramento, CA  
95814  
(916) 227-4307  
FAX (916) 227-4530

World Wide Web  
<http://www.swrcb.ca.gov/~cwphome/fundhome.htm>

ENVIRONMENTAL  
PROTECTION

97 AUG -6 PM 3: 23

ST10 1996  
ALL



Pete Wilson  
Governor

AUG 5 1997

Mike Cortez  
Oro Loma Sanitary District  
2600 Grant Ave  
San Lorenzo, CA 94580

UNDERGROUND STORAGE TANK CLEANUP FUND, CLAIM NO. 8694, FOR SITE  
ADDRESS: 2600 GRANT AVE, SAN LORENZO 94580

The State Water Resources Control Board (State Board) is able to issue, pursuant to applicable regulations, the enclosed Letter of Commitment (LOC) in an amount not to exceed \$20,000. This LOC is based upon our review of the corrective action costs you reported to have incurred to date. The LOC may be modified by the State Board.

It is very important that you read the terms and conditions listed in the enclosed LOC. Claims filed with the Underground Storage Tank Cleanup Fund far exceed the funding available and it is very important that you make use of the funding that has been committed to your cleanup in a timely manner.

**Consequently, if you do not submit your first reimbursement request for corrective action costs which you have incurred within ninety (90) calendar days from the date of this letter, your funds will automatically be deobligated. Once deobligated, any future funds for this site will be obligated subject to availability of funds at such time when we receive your reimbursement request.**

You are reminded that you must comply with all regulatory agency time schedules and requirements and you must obtain three bids for any required corrective action. Only corrective action costs *required* by the regulatory agency to protect human health, safety and the environment can be claimed for reimbursement. **Unless waived in writing, you are required to obtain preapproval of costs for all future corrective action work (form enclosed).** If you have any questions on obtaining preapproval of your costs or the three bid requirement, please call Steve Marquez, our engineer assigned to claims in your Region, at (916) 227-0746. Failure to obtain preapproval of your future costs may result in the costs not being reimbursed.

The following documents needed to submit your reimbursement request are enclosed:

- "Reimbursement Request Instructions" package. **Retain this package for future reimbursement requests.** These instructions must be followed when seeking reimbursement for corrective action costs incurred after January 1, 1988. Included in the instruction package are samples of completed reimbursement request forms and spreadsheets.



Recycled Paper

*Our mission is to preserve and enhance the quality of California's water resources, and ensure their proper allocation and efficient use for the benefit of present and future generations.*

ORO LOMA SANITARY DISTRICT  
Page 2

- "Bid Summary Sheet" to list information on bids received which **must be completed and returned**.
- "Reimbursement Request" forms which you **must use to request reimbursement of costs incurred**.
- "Spreadsheet" forms which you **must use in conjunction with your reimbursement request**.
- "Claimant Data Record" (Std. Form 204) which **must be completed and returned with your first reimbursement request**.

We continuously review the status of all active claims. If you do not submit a reimbursement request or fail to proceed with due diligence with the cleanup, we will take steps to withdraw your LOC.

If you have any questions regarding the enclosed documents, please contact Anna Torres at (916) 227-4388.

Sincerely,



Dave Deaner, Manager  
UST Cleanup Fund Program

Enclosures

cc: Mr. Thomas Peacock  
Alameda County EHD  
1131 Harbor Bay Pkway, 2nd Fl.  
Alameda, CA 94502-6577



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



Std 1996/lop

June 5, 1997

ENVIRONMENTAL HEALTH SERVICES

1131 Harbor Bay Parkway, Suite 250

Alameda, CA 94502-6577

(510) 567-6700

(510) 337-9335 (FAX)

Attn: Mike Cortez  
Oro Loma Sanitary District  
2600 Grant Ave  
San Lorenzo CA 94580

Subject: Investigations at OLSD, 2600 Grant Ave., San Lorenzo

Dear Mr. Cortez:

On October 29, 1996, the Alameda County Department of Environmental Health, sent you a letter requiring that you submit a report that includes an ASTM-RBCA Tier-1 evaluation/Tier-2 proposal concerning the gasoline release(s) at the subject site. Please see attached a copy of that letter. In addition, this office met with you on September 10 and 19, 1996, to discuss the need for and direction of future site investigations. To this date, we have not received any communication from you on this matter. You are required to submit the above described report **within 60 days** of the date of this letter.

The State Cleanup Fund has notified this office that your case has been reviewed and is in the process of being approved for reimbursement. Please be aware that you must be in compliance with County requirements in order to be eligible for future reimbursement with the Cleanup Fund.

Please contact me at (510)567-5655 if you have any questions or comments.

Sincerely,

Amy Leech  
Hazardous Materials Specialist

**ATTACHMENT**

c: Michael Cameron, Oro Loma Sanitary District, 2600 Grant Ave., San Lorenzo, CA 94580  
Cheryl Gordon, SWRCB Cleanup Fund  
Bob Chambers, Alameda County District Attorney's Office  
ALL-File



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



Std 1996

October 29, 1996

Attn: Mike Cortez  
Oro Loma Sanitary District  
2600 Grant Ave  
San Lorenzo CA 94580

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

Subject: Investigations at OLSD, 2600 Grant Ave., San Lorenzo

Dear Mr. Cortez:

This letter is a follow-up to our last correspondence to you dated August 12, 1996 and is subsequent to our September 10 and September 19, 1996 meetings with your office, John Sutton, and Kevin Graves of the San Francisco Bay Regional Water Control Board (RWQCB) regarding the subject site. This office requested in a letter dated August 12, 1996 that OLSD submit a supplemental work plan/report to evaluate, and if deemed appropriate, propose further investigations regarding the impact to soil and groundwater from the gasoline contamination south of boring EP-5. The development of cleanup goals and a corrective action plan using the tiered approach of the ASTM E1739-95 document entitled "Standard Guide for Risk-Based Corrective Action (RBCA) Applied at Petroleum Release Sites" were also elements of our August 12th request.

The purpose of the noted meetings was to discuss the following issues: 1) requirements for defining the extent of gasoline contaminated groundwater south and west of your site in relation to sanitary sewer line trenches that run along Grant Avenue and 2) structural specifications of the Engineering Building (location closest to the identified contamination "hot" spot) in regard to potential human health risks due to exposure to gasoline vapors.

Based on the draft cross-sectional map of the subject site presented during the September meetings, we concur that the presence of large gravel-filled sewer line trenches that run parallel with and beneath Grant Avenue could serve as a conduit for contaminant migration. Per our discussions with Kevin Graves of the RWQCB, an investigation to define the extent of contaminant migration south and west of boring EP-5 would *not* be required if an evaluation confirms an acceptable risk to human health and the environment in these areas. A finalized evaluation of the gravel trenches in regard to preferential pathways should be included as part of the ASTM RBCA Tier-1 evaluation discussed below.

During our site visit, we observed the presence of a concrete slab (i.e. "rodent barrier") underneath the Engineering Building. You also indicated that a moisture barrier was installed beneath the concrete slab. Both of these construction materials, along with the fact the building is built on a ventilated subfloor, are *anticipated* to reduce the potential for exposure to gasoline vapors originating from the soil and groundwater contamination in this area. Nevertheless, potential exposure due to volatilization of such contaminants to an enclosed space (building) must be evaluated. As part of this evaluation, you may want to contact the manufacturer of the moisture barrier that was installed under the buildings to inquire on the specifications of this material in regard to reducing the vapor pathway for gasoline.

Therefore, this site must be evaluated for potential risks to human health and/or the environment using the ASTM ES 1739-95 RBCA guidance. Concurrent with the RBCA evaluation the following issues must be addressed:

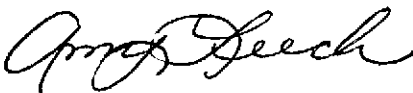
Cortez/OLSD  
Re: 2600 Grant Ave  
October 29, 1996  
Page 2 of 3

1. Groundwater samples collected from boring EP-2 (Sutton 1996) and SB-4 (Levine Fricke 1993) identified Total Petroleum Hydrocarbons as Gasoline (TPH-G) in groundwater as 230,000 ppb and 1,600,000 ppb, respectively. These results indicate that gasoline contamination in some areas of this site exceed published saturation concentrations for gasoline in water, indicating that free-phase (floating) product may be present. Therefore, the presence or absence of floating product must be confirmed at this site. Consequently, potential explosion hazards associated with this condition must be evaluated (e.g., areas where gasoline vapors can accumulate in enclosed spaces such as sewer lines, basements, vaults, etc.) should free-product be discovered/confirmed.
2. Based on the soil and groundwater samples collected during the Sutton and Levine Fricke investigations to date and all other available information, iso-concentration map(s) of the gasoline contamination should be developed relative to all potential receptors within the vicinity of the contaminant plume. Fate and transport modelling or further sampling may be required to confirm the boundaries of the contaminant plume relative to potential receptors. The plume definition map should include potential receptors on-site (e.g. workers in the OLSD Administration, Maintenance, and Engineering Buildings) and off-site (e.g. Mei Lings Chinese Restaurant, Thompson Fence, wetlands). In addition, potential construction or utility worker exposure scenarios must also be evaluated.
3. All appropriate exposure pathways must be considered and evaluated for all potential receptors identified within the contaminant plume boundaries, in addition to evaluation of risk for those receptors located outside the plume but within the areas identified as susceptible to vapor exposure, should such be identified during this stage of the evaluation.
4. Based on the preliminary or final results in evaluating this site using ASTM-RBCA methodologies, permanent groundwater monitoring wells may be required at this site.

The ASTM-RBCA Tier-1 evaluation report for this site is due to this office no later than January 15, 1997. The Tier-1 report should include a summary that organizes available site information regarding principal chemicals of concern, extent of affected environmental media, and potential migration and exposure pathways and receptors. Site conditions should then be compared with California-modified Tier-1 risk-based screening levels (RBSLs). If appropriate, a proposal for corrective action at this site and/or a proposal for a Tier-2 evaluation to develop site-specific target levels (SSTLs) should be included with the Tier-1 evaluation. A description of the Tier-2 approach and site-specific parameters to be used in the Tier-2 evaluation should also be submitted for review if, in the view of your risk assessor, this additional evaluation is necessary. Please include a schedule for proposed corrective action and/or the submittal of the Tier-2 evaluation in the Tier-1 report.

Please call me at (510)567-6755 if you have questions or need additional information.

Sincerely,



Amy Leech  
Hazardous Materials Specialist

# REPORT OF CONVERSATION / VERBAL ORDER

PAGE: 1 OF 1

TELEPHONE     MEETING     FIELD

SCOPE CHANGE YES/NO NO

BETWEEN:

Amy Leach

PHONE:

910.527.6755

OF

Alamogordo County Health

FAX:

( )

DATE:

10/15/96

TIME:

9:00

AND

John Sutton

OF: THE SUTTON GROUP

**SUMMARY:**

Status of Ala Co. letter to OLSO summarizing our meetings w/ Amy and w/ Karin Grand of RLR/OLSD. This site does not fit normal parameters. Trying to get consensus on "what is the right thing to do", and "what is defensible". They have never tried to close a site with consent at these levels. ~~Site available for...~~

Issues: ① Rodent Barrier: is it a long-term solution?

- ② Soil Volatility to outdoor air - not covered in Tier I.
  - ③ Explosion Hazard: (We haven't seen free product; K. Grand didn't suggest a potential problem)
  - ④ Wetlands at rear of Admin Bldg: Can please advance to Bay (if our gradient assumption is incorrect?) I said that County has filled to about 1/4 mile beyond OLSO site (how far is this radially to the North? Northwest?)
- Probably will recommend doing the Risk Assessment then install Monitoring Wells; Monitoring for a period. JS to recommend period (in Work Plan).

ACTION REQUIRED:	BY ?	ACTION TAKEN, DATE
Ala Co to send letter to OLSO setting A.L. these parameters for further OLSO evaluation - Hope for letter early next week.	A.L.	

COPIES TO: M. Carter at OLSO

BY: John Sutton

OCT-15-96 TUE 15:11 UCI/Masichlor

P. 01

Post-It Fax Note	7671	Date	10/15/96	Page	1
To	Mike Cortez	From	John Swinton		
Co./Dept.	OLSTB	Co.			
Phone #	276-4700	Phone #	631-1688		
Fax #	276-1528	Fax #	631-1371		

PHONEXA

**THE SUTTON GROUP**  
*Engineering and Environmental Services*  
51 Shuey Drive  
Moraga, California, 94556-2620  
phone (510) 631-1688 fax (510) 631-1371

---

September 26, 1996

Ms. Amy Leach  
Alameda County Health Department  
Division of Environmental Protection  
1131 Harbor Bay Parkway  
Alameda, California, 94502

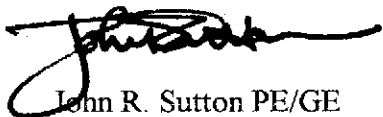
Subject: Diesel Impacted Area at Oro Loma Sanitary District's Treatment Plant Site  
San Lorenzo, California, State ID 1996

Dear Ms. Leach:

Our letter dated September 19, 1996 on the captioned subject contained an erroneous statement. It would be appreciated if you will remove that letter from your files and replace it with the attached letter. Please feel free to call me should you have questions or any other concerns.

Yours truly,

**THE SUTTON GROUP**



John R. Sutton PE/GE  
Principal Engineer

cc: Oro Loma Sanitary District  
Attention: Mr. Michael Cortez

**THE SUTTON GROUP**  
*Engineering and Environmental Services*  
51 Shuey Drive  
Moraga, California, 94556-2620  
phone (510) 631-1688 fax (510) 631-1371

---

September 26, 1996

Ms. Amy Leach  
Alameda County Health Department  
Division of Environmental Protection  
1131 Harbor Bay Parkway  
Alameda, California, 94502

Subject: Diesel Impacted Area at Oro Loma Sanitary District's Treatment Plant Site  
San Lorenzo, California, State ID 1996

Dear Ms. Leach:

The Sutton Group and Oro Loma Sanitary District ("District") have jointly reviewed the Alameda County Health Agency ("Agency") letter dated August 12, 1996 as it pertains to the Diesel Impacted Area. In answer to the question regarding the boring locations, the borings were drilled at approximately the locations shown on Figure 3 of our June 7, 1996 report.

The boring locations were changed from the locations shown in the approved work plan due to a misunderstanding on the part of the undersigned. The actual locations drilled were understood to be locations previously suggested by another Agency staff member. This was during a site meeting between the District and the Agency which we did not attend. It was the District's understanding from that meeting that the boring locations should present the bounds of the area of contamination that can be related to the tank.

All previous work, including contaminated soil removal and monitoring well installation at this specific location had been performed by a different consultant. While we were not entirely familiar with the site, this change from our approved Work Plan was made without consultation with the Agency. This is contrary to normal procedure, however, there was at no time any intent to deceive the Agency. This portion of the project was not yet staked during the time when the Agency's representative was on the site. While the undersigned did walk the Gasoline Impacted Area drill sites with you, the Diesel Impacted Area was not. This is noted as an error by the undersigned, and we apologize for the inconvenience that has resulted.


Even though the samples were collected at what now appears to be a relatively large distance from the source location, the resulting analysis all showed a very minor but consistent presence of petroleum contamination that was quantified as diesel (TPH-d). Three of the four soil samples had a contamination level of between 1 and 6 ppm TPH-d. Additionally, BTEX and EPA8270 analyses conducted on all four soil samples showed non-detection of any analytes, except for one reading of  $5 \times 10^{-3}$  ppm xylenes. All three of

the water samples, including one from the existing monitoring well located near the source, had a uniform TPH-d presence of 210 to 340 ppb. The BTEX and EPA8270 analyses conducted on all three water samples showed non-detection of any analytes, except for one reading of 0.76ppb toluene, and another sample with 11ppb bis(2-ethyl, hexyl) phthalate. We believe these secondary substance results to be either laboratory artifacts or spurious.

On the basis of the modified boring locations and the laboratory analysis results, it is the District's and our opinion that these very low and uniform levels of contamination reflect either relict contamination in the site fill that was placed in the mid 1960s, or a surrogate (non-diesel) hydrocarbon-like chemical that results from biological degradation of organic-rich bayland. The wide disparity of Total Dissolved Solids test results is further indication of the complexity of the geology and biochemical make-up of the bayland environment which obtains in the site vicinity. In evaluation of all these data, it is the District's and our opinion that these low levels of identified substances in soil and ground water, which lie deep within a large active sewage treatment plant site owned and operated by the District, present a negligible-to-zero potential of environmental risk to any potential receptors in this industrial area. We therefore request the Agency to close this case.

Yours truly,

**THE SUTTON GROUP**

  
John R. Sutton PE/GE  
Principal Engineer

cc: Oro Loma Sanitary District  
Attention: Mr. Michael Cortez

**THE SUTTON GROUP**

Engineering and Environmental Services

51 Shuey Drive

Moraga, California, 94556-2620

phone (510) 631-1688 fax (510) 631-1689

ENVIRONMENTAL PROTECTION

SEP 24 AM 11:59

September 19, 1996

Ms. Amy Leach  
Alameda County Health Department  
Division of Environmental Protection  
1131 Harbor Bay Parkway  
Alameda, California, 94502

Subject: Diesel Impacted Area at Oro Loma Sanitary District's Treatment Plant Site  
San Lorenzo, California, State ID 1996

Dear Ms. Leach:

The Sutton Group and Oro Loma Sanitary District ("District") have jointly reviewed the Alameda County Health Agency ("Agency") letter dated August 12, 1996 as it pertains to the Diesel Impacted Area. In answer to the question regarding the boring locations, the borings were drilled at approximately the locations shown on Figure 3 of our June 7, 1996 report.

The boring locations were modified from the locations shown in the Work Plan following an on site meeting between the District and Mr. Tom Peacock of the Agency, which we did not attend. It was the District's understanding from that meeting that the boring locations should present the bounds of the area of contamination that can be related to the tank. Retrospectively, it is regretted that a letter was not written to the Agency at that time confirming the findings made during the meeting, and formally requesting the Agency's concurrence with the modified boring locations. We apologize for the inconvenience that has resulted.

? What meeting?

Even though the samples were collected at what now appears to be a relatively large distance from the source location, the resulting samples all showed a very minor but consistent presence of petroleum contamination that was quantified as diesel (TPH-d). Three of the four soil samples had a contamination level of between 1 and 6 ppm TPH-d. Additionally, BTEX and EPA8270 analyses conducted on all four soil samples showed non-detection of any analytes, except for one reading of  $5 \times 10^{-3}$  ppm xylenes. All three of the water samples, including one from the existing monitoring well located near the source, had a uniform TPH-d presence of 210 to 340 ppb. The BTEX and EPA8270 analyses conducted on all three water samples showed non-detection of any analytes, except for one reading of  $0.76 \times 10^{-3}$  ppm toluene, and another sample with 11ppb Bis(2-ethyl, hexyl) phthalate. We believe these secondary substance results to be either laboratory artifacts or spurious.

DLSD met w/A. Leach, J. Peacock, & J. Shin on 10/5/95  
WP proposed on 1/9/96 & approved on 2/1/96



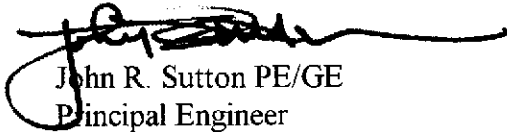
Ms. Amy Leach  
Alameda County Health Department  
September 19, 1996  
Page 2

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On the basis of the modified boring locations and the laboratory analysis results, it is the District's and our opinion that these very low and uniform levels of contamination reflect either relict contamination in the site fill that was placed in the mid 1960s, or a surrogate (non-diesel) hydrocarbon-like chemical that results from biological degradation of organic-rich bayland. The wide disparity of Total Dissolved Solids test results is further indication of the complexity of the geology and biochemical make-up of the bayland environment which obtains in the site vicinity. In evaluation of all these data, it is the District's and our opinion that these low levels of identified substances in soil and ground water, which lie deep within a large active sewage treatment plant site owned and operated by the District, present a negligible-to-zero potential of environmental risk to any potential receptors in this industrial area. We therefore request the Agency to close this case.

Yours truly,

***THE SUTTON GROUP***

  
John R. Sutton PE/GE  
Principal Engineer

cc: Oro Loma Sanitary District  
Attention: Mr. Michael Cortez

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



Alameda County CC4580  
Environmental Health Services  
1131 Harbor Bay Pkwy., #250  
Alameda CA 94502-6577  
(510)567-6700 FAX(510)337-9335

StId 1996

August 12, 1996

Attn: Mike Cortez  
Oro Loma Sanitary District  
2600 Grant Ave  
San Lorenzo CA 94580

Subject: Investigations at OLSA, 2600 Grant Ave., San Lorenzo

Dear Mr. Cortez:

This office has reviewed The Sutton Group's "Report of Soil and Ground Water Investigations at the former site of a 1,000 Gallon Gasoline Tank", dated May 15, 1996, and a supplemental report of soil and groundwater investigations of the diesel tank area, dated June 7, 1996. Both investigations used a rapid site assessment technique to assess the severity and extent of contamination in the area of the former location of a gasoline underground storage tank and an above-ground diesel tanks (UST).

**Gasoline Impacted Area**

The investigation in the area of the former gasoline UST identified Total Petroleum Hydrocarbons as Gasoline (TPH-G) and/or benzene, toluene, ethylbenzene, and xylenes (BTEX) in all sample locations (borings EP-1 through EP-5). However, the extent of the contaminant plume appears to have been adequately defined at this time to the north by boring EP-1 and EP-3, to the northwest by boring EP-4, and to the southeast by borings EP-6 and EP-7. The extent of contamination has *not* been defined to the south as indicated by the elevated levels of gasoline identified in soil (29 ppm TPH-G and 1.5 ppm benzene) and groundwater (64,000 ppb TPH-G and 8,800 ppb benzene) samples collected from boring EP-5.

Per the May 15, 1996 report and my telephone conversation with Mr. Sutton, there are reportedly large sewer lines in Grant Avenue which may act as a conduit for contaminant migration. This office concurs with The Sutton Group's recommendation to further evaluate and/or investigate the potential of contaminant migration south of boring EP-5. The evaluation and/or investigation should identify where and how far the contamination is migrating and if there are any human or environmental receptors at risk of being adversely impacted by the contamination.

In the vicinity of the office building noted on Figure 3 of the May 15, 1996 report, elevated levels of TPH-G and BTEX were identified in soil (1,800 ppm TPH-G and 21 ppm benzene) and groundwater (230,000 ppb TPH-G and 23,000 ppb benzene) samples collected from boring EP-2. This office also concurs with Mr. Sutton's recommendations to evaluate any potential risk to human health and/or the environment from the gasoline contamination using the ASTM ES 1739-95 Standard Guide for Risk-Based Corrective Action Applied at Petroleum Release Sites (RBCA).

Based on the findings of this investigation, you are required to submit a supplemental work plan/report to evaluate and/or propose further investigations regarding the impact to soil and groundwater from the gasoline contamination south of boring EP-5 and develop cleanup goals and a corrective action plan using RBCA as discussed in our letter to you dated November 9, 1995 (see attached). **The supplemental work plan/report to further characterize the extent of contamination south of boring EP-5 and an initial RBCA Tier 1 risk analysis using appropriate exposure pathway scenarios based on the identified**

**DOCUMENT TRANSMITTAL**

**THE SUTTON GROUP**

*Engineering and Environmental Services*  
51 Shuey Drive  
Moraga, California, 94556-2620  
phone (510) 631-1688 fax (510) 631-1371

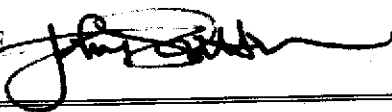
TO: **Ms. Amy Leach**  
of **Alameda County Dept. Environmental Health**  
**Division of Environmental Protection**

DATE: **June 7, 1996**

PROJECT/ **1,000 Gallon Tank Removal Project**  
SUBJECT: **Transmittal of Finalized Reports:**  
**Soil and Ground Water Investigations:**  
**Gasoline Tank Area and Diesel Tanks Area**

PROJECT No.: **3022.7**

INITIATOR: John R. Sutton, PE



Attached please find copies of each of the two reports. I will call you early this coming week to schedule a meeting with The District where we can set a schedule to proceed towards project closure. The District would prefer to hold the meeting at their offices.

Please call me with any questions or comments on the report.

Copy: Mr. Mike Cortez, OLSD

96 JUN 10 AM 9:15  
ENVIRONMENTAL  
PROTECTION

## **THE SUTTON GROUP**

phone: (510) 631-1688 fax: (510) 631-1371

e-mail [jrsgroup@ix.netcom.com](mailto:jrsgroup@ix.netcom.com)

# Memo

**To:** Brian Oliva, REHS, REA @ Alameda County Health

**Transmittal by:** FAX to (510) 397-9335

**From:** John Sutton

**cc:** Mike Cortez @ OLSD FAX 276-1528

**Date:** October 9, 1997

**Re:** Extension of Work Plan Filing Date STID No. 1996

---

This confirms our telecon this morning. It was agreed that the delivery date of the work plan for supplemental investigation at the Oro Loma gasoline tank site in San Lorenzo, currently scheduled for October 15, 1997, could be extended one week until October 22, 1997. There will be no penalty levied due to such late submittal.

2/29/96

Have reviewed draft copy of report dated 5/96.

Have not reviewed the final reports dated 6/1/96.

Note plume is not defined to south toward another LOP

Site Thompson Fence @ 2584 Grant Ave  
GW flow not defined

on letter dated 6/7/96

Called Mike Riddiford 1-6-93 w/ comments + told him deposit is req'd on this as well as the installation of the new above ground VST.

on letter dated 12/28/92

NOT THIS  
Per. Notes  
Do not scan

6-30-93 PE

Called for update. Mike Riddiford gone - Doug Humphrey is new contact. He said no new soil removed since April report but he believes another g.w. sample taken. Also, L.F. has written a new ^{work} plan - He will send

a copy. PE

low levels in gw (mw) - consultant rec's addn'l soil removal, continued monitoring - sounds good for now. If gw levels stay where they are ?? (< 10 x detectable)

on letter dated 4/19/93

ALAMEDA COUNTY, DEPARTMENT OF  
ENVIRONMENTAL HEALTH  
Hazardous Materials Inspection Form

II, III

white -env. health  
yellow -facility  
pink -files

Site ID # _____ Site Name Are Loma Sanitary Dist Today's Date 3/7/96

Site Address 2600 Grant Ave

City San Lorenzo Zip 94 Phone _____

MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks LOP - field notes

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments: Precision soil & gw  
Anticipate witness study of gasoline  
Subst impacted areas.

EP-1 was placed on the north side of the northwest corner of the office building. Mr. Sutton reported that no odors were detected in this location.

EP-2 was placed right against office building wall (under porch of the Fairway). Blue/grey staining w/odor was detected @ a ~~depth~~ 10-12" depth.

~~Because~~ A boring was employed right next to EP-2 to collect another sample @ ~5' depth since OVM had detected such but a sample was not collected. 2nd sample identified w/60ppm @ 5-7' depth in a sandy layer.

EP-3 advanced just south of the maintenance building; no OVM reading @ 5' depth.

EP-4 advanced w/no detect. odors to depth explored. Left site prior to advancement of EP-5.

II.A BUSINESS PLANS (Title 19)

- 1. Immediate Reporting 2703
- 2. Bus. Plan Stds. 25503(b)
- 3. RR Cars > 30 days 25503.7
- 4. Inventory Information 25504(a)
- 5. Inventory Complete 2730
- 6. Emergency Response 25504(b)
- 7. Training 25504(c)
- 8. Deficiency 25505(a)
- 9. Modification 25505(b)

II.B ACUTELY HAZ. MATLS

- 10. Registration Form Filed 25533(a)
- 11. Form Complete 25533(b)
- 12. RMPP Contents 25534(c)
- 13. Implement Sch. Req'd? (Y/N)
- 14. OffSite Conseq. Assess. 25524(c)
- 15. Probable Risk Assessment 25534(d)
- 16. Persons Responsible 25534(g)
- 17. Certification 25534(f)
- 18. Exemption Request? (Y/N) 25536(b)
- 19. Trade Secret Requested? 25538

III. UNDERGROUND TANKS (Title 23)

- General
- 1. Permit Application 25284 (H&S)
  - 2. Pipeline Leak Detection 25292 (H&S)
  - 3. Records Maintenance 2712
  - 4. Release Report 2651
  - 5. Closure Plans 2670

6. Method EP-3
- 1) Monthly Test
  - 2) Daily Vadose WST
  - 3) Daily Vadose WST
  - 4) Monthly Gndwater
  - 5) Daily Inventory
  - 6) Daily Inventory
  - 7) Weekly Tank Gauge
  - 8) Annual Tank Testing
  - 9) Other
7. Precs Tank Test 2643
8. Inventory Rec. 2644
9. Soil Testing 2646
10. Ground Water 2647

- New Tanks
- 11. Monitor Plan 2632
  - 12. Access. Secure 2634
  - 13. Plans Submit 2711
  - 14. As Built 2635

Monitoring for Existing Tanks

Contact: _____

Title: _____

Signature: _____

Inspector: [Signature]

Signature: _____

II, III

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ARNOLD PERKINS, DIRECTOR  
RAFAT A. SHAHID, DEPUTY DIRECTOR

StId 1996

Alameda County Environmental Health Dept.  
Environmental Protection Division  
1131 Harbor Bay Parkway, Room 250  
Alameda CA 94502-6577  
(510)567-6700 fax: (510)337-9335

*Feb. 1, 1996*

Attn: Mike Cortez  
Oro Loma Sanitary District  
2600 Grant Ave  
San Lorenzo CA 94580

Subject: Work plan for investigations at OLSLD, 2600 Grant Ave., San Lorenzo

Dear Mr. Cortez:

This office has reviewed The Sutton Group's work plan, dated January 9, 1996. This work plan proposes to collect soil and groundwater samples in the vicinity of an abandoned gasoline underground storage tank (UST) pit and diesel impacted area to determine the severity and extent of contamination to soil and groundwater at the subject site. As we discussed during our December 8, 1995 meeting, this investigation will assist to determine the proper locations for permanent groundwater monitoring wells and provide some preliminary information necessary to complete a risk assessment that will assist to establish long-term cleanup goals. The work plan is acceptable to this office with the following additions/comments:

1. **At least one sample location should be planned west of SB-4 in order to define the extent of contamination west of SB-4.** Groundwater flow direction has not yet been established at this site. However, since the site is located within a half mile of the Bay, it is reasonable to assume that groundwater flow fluctuates and at times will flow toward the west. A "grab" groundwater sample collected at SB-4, located west of the "Office Building" (see figure 4 of work plan) by Levine Fricke in 1993, identified very elevated levels of contamination, 1,600,000 ppb TPHg and 27,000 ppb benzene.

Per our telephone conversation on January 25, 1996, Mr. Sutton indicated based on field observations, he may be able to relocate borings EP-4 and EP-5 to include the area west of SB-4.

2. **It will be necessary to collect soil and groundwater samples north of the Maintenance Building if samples collected from boring EP-3 identify elevated levels of contamination.**
3. **Soil and groundwater samples should be analyzed for TPHg, BTEX, and Methyl Tertiary Butyl Ether (MTBE).** Please see attached a letter from the San Francisco Regional Water Quality Control Board dated May 2, 1995 which requires reporting of Methyl Tertiary Butyl Ether (MTBE) at all sites where a gasoline release occurred after 1983.

Cortez/OLSD  
Re: 2600 Grant Ave  
February 1, 1996  
Page 2 of 2

Please notify me at least 72 hours before field work begins. A report documenting the results of this investigation is due to this office within 45 days after implementing the work plan.

If you have questions or comments, please call me at (510)567-6755.

Sincerely,



Amy Leech  
Hazardous Materials Specialist

*AL* c: Michael Cameron  
Oro Loma Sanitary District  
2600 Grant Ave.  
San Lorenzo, CA 94580

Attn: John Sutton w/attachments  
The Sutton Group  
51 Shuey Dr.  
Moraga CA 94556-2620

Kevin Graves, SFRWQCB

Gordon Coleman - **File(ALL)**



ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



01-20918  
RAFAT A. SHAHID, DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577  
(510) 567-6700

StId 1996

November 9, 1995

Attn: Michael Cortez  
Oro Loma Sanitary District  
2600 Grant Ave  
San Lorenzo CA 94580

**Subject: Investigations at Oro Loma Sanitary District (OLSD) located at  
2600 Grant Ave., San Lorenzo, CA**

Dear Mr. Cortez:

This office has completed a review of reports submitted by the Sutton Group, Inc. and Levine Fricke, Inc. regarding impact to soil and groundwater from gasoline and diesel at the subject site. The purpose of this letter is to summarize areas of concern and plans for further site investigations of the diesel and gasoline impacted areas discussed during our meeting on October 5, 1995 and our telephone conversation on October 30, 1995.

**Gasoline Impacted Area at OLSD**

In regard to the area impacted by the former gasoline underground storage tank (UST) removed on May 3, 1995 at OLSD, this office has completed a review of The Sutton Group's reports dated November 23, 1994 and June 7, 1995. The November 23rd report documents a trenching/soil sampling investigations completed in October 1994 by the Sutton Group and a soil boring investigation that included collection of soil and "grab" groundwater samples in August 1993 by Levine Fricke. The June 7th report documents the removal of the 1,000-gallon gasoline UST.

During the May 1995 field investigation conducted concurrent with the UST removal, laboratory analyses of soil samples collected from the UST pit identified contaminant levels as high as 3,300 parts per million (ppm) Total Petroleum Hydrocarbons as gasoline (TPHg), 37 ppm benzene, 18 ppm toluene, 61 ppm ethylbenzene, 350 ppm xylene (BTEX), and 260 ppm total lead (6.4 ppm soluble lead). From the investigations completed in 1993, Levine Fricke reported results of soil samples up to 4,300 ppm TPHg and 14, 250, 130, and 680 ppm BTEX, respectively (collected at 3.5 feet below ground surface (bgs) and west of the UST pit). "Grab" groundwater samples collected west, east and south of the UST pit identified significant levels of contamination up to 1,600 ppm TPHg, 27,000, 39,000, 4,200, and 22,000 parts per billion (ppb) BTEX, respectively.

Guidelines established by the California Regional Water Quality Control Board (RWQCB)

Cortez  
Re: 2600 Grant Ave.  
November 9, 1995  
Page 2 of 4

require that soil and ground water investigations be conducted when there is evidence to indicate that a release from an UST will impact or may have impacted the ground water.

Previous assessment work has clearly identified an impact to groundwater and soil resulting from an UST release. Therefore, you are required to conduct a **Soil and Water Investigation (SWI)** to determine the lateral and vertical extent and severity of **both soil and ground water** contamination resulting from the release at the site. The information gathered by the SWI will be used to determine an appropriate course of action (Corrective Action Plan) to remediate the site, if deemed necessary. The SWI must be conducted in accordance with the RWQCB's Staff Recommendations for the Initial Evaluation and Investigation of Underground Tanks, and be consistent with requirements set forth in Article 11 of Title 23, California Code of Regulations. The major elements of such an investigation are summarized in the attached **Appendix A**.

As I indicated during our telephone conversation on October 3rd, I spoke with Kevin Graves with the San Francisco RWQCB regarding this site. We discussed that the vertical and lateral extent of soil and groundwater contamination should be defined and cleanup goals established prior to implementing a Corrective Action Plan for this site. Cleanup goals for soil and groundwater should be established by evaluating the health and safety risks/environmental impact to potential receptors (e.g., employees working inside nearby buildings, impact to nearby surface waters, etc.). Should, for example, human receptors be identified, an initial risk evaluation can be completed using the 3-Tier approach of the ASTM ES 38-94 Emergency Standard Guide for Risk-Based Corrective Action (RBCA) Applied at Petroleum Release Sites.

The most cost-effective Corrective Action Plan can be developed and implemented after the soil and groundwater contamination has been fully characterized, a risk assessment of potential receptors has been evaluated, and cleanup goals established. Once implemented and based on the results of Corrective Action, this site will be directed toward either: 1) permanent closure, or 2) a long term groundwater monitoring plan, also known as a Ground Water Non-Attainment Areas (NAA). The NAA alternative to final closure can be used as a plume management option for sites with limited water quality, environmental, and human health risks. Oro Loma Sanitary District could be considered for this option if all Category I criteria outlined in the NAA Memorandum are met (see attached), including that the vertical and horizontal extent of contamination to soil and groundwater has been defined, adequate source removal has been completed to limit future migration of contaminants to groundwater, and there is data to support that the contaminant plume has stabilized. (Please note that at this time the plume management option has not been officially approved as State policy; however, this option is being approved for implementation by RWQCB on a case-by-case.)

Cortez  
Re: 2600 Grant Ave.  
November 9, 1995  
Page 3 of 4

This Department will oversee the assessment and remediation of your site. Our oversight will include the review of and comment on work proposals and technical guidance on appropriate investigative approaches and monitoring schedules. The issuance of well drilling permits, however, will be through the Alameda County Flood Control and Water Conservation District, Zone 7, in Pleasanton. The RWQCB may choose to take over as lead agency if it is determined that there has been a substantial impact to ground water.

In order to properly conduct a site investigation, you are required to obtain professional services of a reputable environmental consultant. **All reports and proposals must be submitted under seal of a California-Registered Geologist, -Certified Engineering Geologist, or -Registered Civil Engineer.**

**The SWI proposal (work plan) is due within 60 days of the date of this letter or by January 10, 1995.** Once the proposal is approved, field work should commence within 30 days. A report must be submitted within 45 days after the completion of this phase of work at the site.

Please be advised that this is a formal request for a work plan pursuant to **Section 2722 (c)(d) of Title 23 California Code of Regulations.** Any extensions of the stated deadlines, or modifications of the required tasks, must be confirmed in writing by either this agency or RWQCB.

#### **Diesel Impacted Area at OLSD**

The other area of concern at OLSD is the area surrounding the above-ground diesel tanks where soil and groundwater have been impacted by diesel fuel. In this area, a single monitoring well was installed to the west of the tanks and sampled for four quarters. Levine-Fricke completed a source removal/investigation during September and October 1993. Diesel contamination has been delineated in soil up to 1,700 ppm TPHd to the south and 360 ppm to the west of the tanks. Since groundwater gradient and flow direction are not known in this area, further soil and groundwater investigations should be completed to the south of the diesel tanks to define the degree and extent of soil and water contamination and to verify that the groundwater contaminant plume is stable. We discussed that this investigation could be completed with a minimum of two sampling areas. A minimum of one soil and groundwater sample should be collected from each sampling point and analyzed for TPH as diesel, BTEX, and semi-volatile compounds which includes naphthalene and benzo(a)pyrene.

As we discussed during the October 5th meeting, OLSD has the option to complete this investigation now or, if more cost-effective for OLSD, in conjunction with the required gasoline investigation indicted above. This work should be proposed, however, in the form of a workplan or detailed letter with a site map that includes boring locations.

Cortez


Re: 2600 Grant Ave.

November 9, 1995

Page 4 of 4

A meeting prior to submitting a SWI work plan for review, with representatives from OLSD, OLSD consultant(s), and this office would be helpful to assist in directing future investigations at your site toward final closure. Please give me a call at (510)567-6755 if you have questions or need additional information.

Sincerely,



Amy Leech

Hazardous Materials Specialist

#### ATTACHMENTS

c: ^{fl} Michael Cameron  
Oro Loma Sanitary District  
2600 Grant Ave.  
San Lorenzo, CA 94580

Attn: John Sutton w/attachments  
The Sutton Group  
51 Shuey Dr.  
Moraga CA 94556-2620

~~Kevin Graves, SFRWQCB~~

Acting Chief of Environmental Protection - File(ALL)

**Meeting on 10/5/95 w/Oro Loma Sanitary District  
2600 Grant Ave., San Lorenzo  
StId 1996**

Attendees: Mike Cameron, Mike Cortez, and Jim Bissell w/OLSD  
Tom Peacock, Juliet Shin, and Amy Leech w/AICo

Topic: To resolve issues raised in OLSD letter dated 9/15/95

A meeting was held to discuss issues OLSD had regarding the investigation concerning the diesel contamination at their site.

Mr. Cameron gave an overview of the expenditures that occurred in regard to the diesel tank removal and new installation and resulting soil and gw investigation. He indicated they are not eligible for funding w/ the Cleanup Fund since there is <10% underground piping associated with the above-ground diesel system.

Mr. Cameron questioned the need for further investigations in regard to the diesel contamination. AICo reps explained that the extent of soil contamination had not been defined as reported in the Levine-Fricke March 1994 report. Diesel contamination had been delineated in soil up to 1,700 ppm TPHd to the south and 360 ppm to the west, and since groundwater gradient is not known at the site (one monitoring well was installed west of the diesel tanks), further soil and groundwater investigations should occur south of the diesel tanks to define extent. This data will help determine if further work is necessary or if the case could be closed.

Mr. Cameron explained that OLSD is contained in the diesel area either by concrete structures extending approx 15 bgs or surface water collection trenches to the west.

We then discussed the gasoline UST situation. OLSD is proposing to remove soil down to 10 feet bgs (gw @ 5'). Also, proposing to install sheet piling to stabilize building structures. OLSD had not submitted a workplan to the County for review.

A.Leech indicated that she was in the process of reviewing the gasoline UST removal report received in July but held off on writing a letter in anticipation of this meeting. We indicated to OLSD that a groundwater investigation would definitely be required in this area ( at least 3 MWs). We asked OLSD to hold off on their proposed work until it was determined necessary based on groundwater monitoring results. We also indicated that they should submit workplans to this office for review and comment prior to completing the work.

We then took a walk out to the diesel impacted area of the site. We determined two possible locations to emplace borings to collect soil and gw samples south and southwest of the diesel tanks.

Note: After discussing this case with Juliet in the office, she suggested that OLSD analyze for **TPHd, BTEX, Naphthalene and Benzopyrene**. Analytical results for naphthalene and benzopyrene would assist in the decision to allow closure with contaminants left in place. M.Logan checked on the approx. method per Curtis Tompkins, would need to run an 8270 to get needed detection limits but should check w/other labs to make sure.

**StId 1996**

Subject: 9/15/95 LETTER FROM RP, OLSD/MICHAEL C. CAMERON

Notes to file September 28, 1995

Page 1 of 3

This Dept. received a letter addressed to Rafat Shahid from Oro Loma Sanitary District's General Manager, Michael Cameron. The letter was forwarded to Amy Leech on September 26, 1995 from Don Atkinson-Adams.

On Sept. 27, 1995, Amy Leech met with Juliet Shin, Pamela Evans, and Tom Peacock to discuss the contents of this letter. Juliet, Tom, and Amy agreed that we should have a meeting with the RP, and it would be preferable if the RP's consultant was present if they wanted to discuss technical issues regarding this case. Tom left a message on 9/27 P.M. for Michael Cameron to call him or Amy Leech to discuss his letter and to schedule a meeting.

Comments regarding the 9/15/95 letter

"This excavation went well beyond...and was successful in removing most if not all of the contaminated soil."

Note: Levine-Fricke (L-F) documented that diesel affected soils remain to the west (360 ppm) and to the south (1,700 ppm) of the tank slab. Concerns we have when reviewing this case for project closure are that the limits of contamination have not been defined in these areas. Groundwater quality is not known to the south and gradient has not been determined.

"Both L-F and Pamela Evans from the Health Dept. were on-site during much of the excavation and both concurred with the final limits of the excavation."

Note: I spoke with Pam Evans of our office and she stated that she did not indicate to the RP that the project was ready for closure. She did not review the report of soil results dated 3/24/94 for the soil excavation project since the deposit/refund account had a negative balance. She sent a letter to OLSD on 11/16/93 to request a deposit of \$275 to cover Hazmat's continued oversight costs. She did not receive this deposit and transferred the case to LOP in 6/94 when it was determined that it was LOP eligible since underground piping was involved.

**StId 1996**

Subject: 9/15/95 LETTER FROM RP, OLSD/MICHAEL C. CAMERON

Notes to file September 28, 1995

Page 3 of 3

Note: This Department agrees that it is a concern that OLSD spent \$125,000 on the removal and disposal of ~300 cy of diesel soil to a Class III Landfill, backfilling with clean fill, and installing one monitoring well that extends ~8 feet bgs and monitoring gw for 4 quarters.

"The additional soil testing and potential excavation ... are unwarranted."

Note: We asked in our 4/95 letter for a workplan to delineate the extent of soil contamination and determine groundwater quality and gradient in this area. LOP would not require additional soil excavation if it was not warranted."

"We are now in the process ..." (In regard to investigations of a leaky gasoline UST determined to have impacted soil and groundwater)

Note: Soil and groundwater contamination has been confirmed in the vicinity of the former gasoline UST pit. LOP was in the process of reviewing UST removal report and notifying the RP that a soil and groundwater investigations and possibly remediation will be required. L-F/Sutton performed preliminary PSA(s) last year in this area to confirm soil and groundwater contamination in this area. Monitoring wells have not been proposed as of yet. It would be wise to determine the TDS ~~at~~ at this site.

Please note that LOP has worked with the RP under a very drawn out time-line. For example, plans for the abandoned gasoline UST removal were originally submitted in 9/93 and not until 5/95 was this tank actually removed even though in 1994 it was confirmed that soil and groundwater was impacted by TPHg and BTEX. In addition in June 1995, A.Leech had told M.Cortez that LOP would make every effort to approve the workplan for confirmatory investigations at the diesel tank location with the least cost (i.e. least amount of work) possible but confirmed that we needed to gather this data in order to substantiate a legitimate project closure.

COM No.	REMOTE STATION	START TIME	DURATION	PAGES	RESULT	USER ID	REMARKS
964	916 227 4530	05-28 12:07	00' 51	01/01	OK		

7439402046

05/28/97 11:34 UST CLEANUP FUND - 510 337 9335

NO. 711 004

DETAILED REVIEW CHECK LIST  
Page 3

Claim No: 8694 Claimant Name: Oro Loma Sanitary District

COMPLIANCE DOCUMENTATION	
DATE	ACTION/RESPONSE
9/95	File transferred to LOP.
10/22/97	Claimant letter to County, transmitting soil & soil sample results from a fuel spill from an above-ground diesel fuel tank (unlabeled).
12/22/92	Soil & groundwater investigation in the vicinity of two above-ground diesel fuel tanks. A 1K gal UST is located at the site, but no results or leaks associated with the UST are known to have occurred.  All costs associated with above-ground tanks are ineligible.
	Subsurface investigation of the 1K gallon UST was done in 1993. August 1993. Drilled six shallow stem access points. Collection of soil samples, and soil gas samples. Samples analyzed revealed soil contamination by gasoline to as much as 4300 mg/kg (ppm) and ground water contamination to 1,600 ppm.
5/3/95	1K gallon UST was removed. Debris not noted after removing concrete.

CONFIRMATION OF CORRECTIVE ACTION COMPLIANCE  
 Claimant is Responsible for Action

Post-It® Fax Note 7671  
Date: 5/28/97 # of pages: 2  
To: Cony Feely From: Cheryl Gordon  
Alameda County Public Health Officer



DETAILED REVIEW CHECK LIST

Page 3

Claim No: 8694	Claimant Name: Oro Loma Sanitary District
----------------	-------------------------------------------

COMPLIANCE DOCUMENTATION

DATE	ACTION/RESPONSE
9/95	File transferred to LOP.
10/22/92	Claimant letter to County, transmitting soil & gw sample results from a fuel spill from an above-ground diesel fuel tank (undiscoverable)
12/22/92	Soil & groundwater investigation in the vicinity of two aboveground diesel fuel tanks. A 1K gal UST is located at the site, but no spills or leaks associated with the UST are known to have occurred.  All costs associated with aboveground tanks are ineligible.  Subsurface investigation of the 1K gallon UST was done in 1993. August 1993. Drilled six shallow stem access points, collection of soil samples, and soil gas samples. Samples analysis revealed soil contamination by gasoline to as much as 4300 mg/kg (ppm) and ground water contamination to 1,600 ppm.
5/3/95	1K gallon UST was removed. Pump and noted after removing concrete

CONFIRMATION OF CORRECTIVE ACTION COMPLIANCE

- Claimant in Corrective Action Compliance
- Claimant NOT in Corrective Action Comp
- Claimant NOT in Corrective Action Compliance - Recommend Rejection

Post-It* Fax Note 7671

Date: 5/28/97	# of pages: 2
To: Amy Jepp	Cheyl Gordon
Address: Alameda County	Cleanup Fund
Phone #: (510) 337-9335	Phone #: (714) 227-4530

*A. Jepp*  
LEAD AGENCY SIGNATURE

5/28/97  
DATE

*Cheyl Gordon*  
CLAIMS REVIEWER SIGNATURE

5/28/97  
DATE

## DETAILED REVIEW CHECK LIST

Page 4

Claim No: 8694	Claimant Name: Oro Loma Sanitary District
----------------	-------------------------------------------

COMPLIANCE DOCUMENTATION (Continued)	
DATE	ACTION/RESPONSE
	before excavation. Plume staining noted on excavation walls esp. on side facing pump island. In wrap on tank was heavy deterioration w/ pitting in many areas. No holes observed. No free product was observed. Consultant recommended removal of significantly contaminated soil as the best solution for site closure.
7/95	a geotechnical investigation was performed. Two borings were drilled to depths of 21 and 36 ft.
1/96	Workplan for soil & gw investigations
2/96	County requested that Claimant evaluate potential extension of the plume beneath the buildings and testing for MTBE.
5/15/96	Report of soil and gw investigations. Seven borings were drilled. Based on exposure in soil and groundwater, consultant recommended risk assessment.
5/21/96	Job notes: Plume needs to be further defined to the south. MWS need to be installed
6/96	County requested a workplan.
6/96-12/96	Consistent phone discussions regarding installation of monitoring wells and risk assessment.
5/28/97	Spoke w/ Tony Feuch. We agreed to sign off on the work that Claimant has done so far. Tony will still issue a letter informing Claimant that they must comply with the County's latest requirements.

01-2098116

# 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 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 09/28/95	CASE #	SIGNATURE <i>[Signature]</i>	DATE 9/28/95
-------------------------	--------	---------------------------------	-----------------

REPORTED BY	NAME OF INDIVIDUAL FILING REPORT	PHONE	SIGNATURE
	MICHAEL F. CORTEZ	(510) 276 4700	<i>[Signature]</i>
	REPRESENTING <input checked="" type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> OTHER	COMPANY OR AGENCY NAME ORCLONA SANITARY DISTRICT	

RESPONSIBLE PARTY	ADDRESS	CITY	STATE	ZIP
	2600 GRANT AVENUE	SAN LORENZO	CA	94580

SITE LOCATION	NAME	CONTACT PERSON	PHONE
	ORCLONA SANITARY DISTRICT	MICHAEL F. CORTEZ	(510) 276 4700

IMPLEMENTING AGENCIES	FACILITY NAME (IF APPLICABLE)	OPERATOR	PHONE
	ORCLONA SANITARY DISTRICT		( )

SUBSTANCES INVOLVED	(1) NAME	QUANTITY LOST (GALLONS)
	UNLEADED FUEL	<input checked="" type="checkbox"/> UNKNOWN

DISCOVERY/ABATEMENT	DATE DISCOVERED	HOW DISCOVERED	<input checked="" 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 type="checkbox"/> OTHER	
	DATE DISCHARGE BEGAN	METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)	

SOURCE/CAUSE	SOURCE OF DISCHARGE	CAUSE(S)
	<input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER	<input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER

CASE TYPE	CHECK ONE ONLY
	<input checked="" 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 checked="" type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input 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

REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)
	<input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CAP SITE (CD) <input checked="" type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> OTHER (OT)

COMMENTS: The District is currently conducting a study on how the proposed excavation may affect the existing structures within the vicinity. Gasoline UST removed from this location 5/3/95. At this time soil was confirmed to be impacted. Soil and groundwater were confirmed to be impacted in 1993. *[Signature]*

## INSTRUCTIONS

### EMERGENCY

Indicate whether emergency response personnel and equipment were involved at any time. If so, a Hazardous Material Incident Report should be filed with the State Office of Emergency Services (OES) at 2800 Meadowview Road, Sacramento, CA 95832. Copies of the OES report form may be obtained at your local underground storage tank permitting agency. Indicate whether the OES report has been filed as of the date of this report.

### LOCAL AGENCY ONLY

To avoid duplicate notification pursuant to Health and Safety code Section 25180.5, a government employee should sign and date the form in this block. A signature here does not mean that the leak has been determined to pose a significant threat to human health or safety, only that notification procedures have been followed if required.

### REPORTED BY

Enter your name, telephone number, and address. Indicate which party you represent and provide company or agency name.

### RESPONSIBLE PARTY

Enter name, telephone number, contact person, and address of the party responsible for the leak. The responsible party would normally be the tank owner.

### SITE LOCATION

Enter information regarding the tank facility. At a minimum, you must provide the facility name and full address.

### IMPLEMENTING AGENCIES

Enter names of the local agency and Regional Water Quality Control Board involved.

### SUBSTANCES INVOLVED

Enter the name and quantity lost of the hazardous substance involved. Room is provided for information on two substances if appropriate. If more than two substances leaked, list the two of most concern for cleanup.

### DISCOVERY/ABATEMENT

Provide information regarding the discovery and abatement of the leak.

### SOURCE/CAUSE

Indicate source(s) of leak. Check box(es) indicating cause of leak.

### CASE TYPE

Indicate the case type category for this leak. Check one box only. Case type is based on the most sensitive resource affected. For example, if both soil and ground water have been affected, case type will be "Ground Water". Indicate "Drinking Water" only if one or more municipal or domestic water wells have actually been affected. A "Ground Water" designation does not imply that the affected water cannot be, or is not, used for drinking water, but only that water wells have not yet been affected. It is understood that case type may change upon further investigation.

### CURRENT STATUS

Indicate the category which best describes the current status of the case. Check one box only. The response should be relative to the case type. For example, if case type is "Ground Water", then "Current Status" should refer to the status of the ground water investigation or cleanup, as opposed to that of soil. Descriptions of options follow:

No Action Taken - No action has been taken by responsible party beyond initial report of leak.

Leak Being Confirmed - Leak suspected at site, but has not been confirmed.  
Preliminary Site Assessment Workplan Submitted - workplan/proposal requested of/submitted by responsible party to determine whether ground water has been, or will be, impacted as a result of the release.

Preliminary Site Assessment Underway - implementation of workplan.  
Pollution Characterization - responsible party is in the process of fully defining the extent of contamination in soil and ground water and assessing impacts on surface and/or ground water.

Remediation Plan - remediation plan submitted evaluating long term remediation options. Proposal and implementation schedule for appropriate remediation options also submitted.

Cleanup Underway - implementation of remediation plan.

Post Cleanup Monitoring in Progress - periodic ground water or other monitoring at site, as necessary, to verify and/or evaluate effectiveness of remedial activities.

Case Closed - regional board and local agency in concurrence that no further work is necessary at the site.

IMPORTANT: THE INFORMATION PROVIDED ON THIS FORM IS INTENDED FOR GENERAL STATISTICAL PURPOSES ONLY AND IS NOT TO BE CONSTRUED AS REPRESENTING THE OFFICIAL POSITION OF ANY GOVERNMENTAL AGENCY

### REMEDIAL ACTION

Indicate which action have been used to cleanup or remediate the leak. Descriptions of options follow:

Cap Site - install horizontal impermeable layer to reduce rainfall infiltration.

Containment Barrier - install vertical dike to block horizontal movement of contaminant.

Excavate and Dispose - remove contaminated soil and dispose in approved site.

Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming).

Remove Free Product - remove floating product from water table.

Pump and Treat Groundwater - generally employed to remove dissolved contaminants.

Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants.

Replace Supply - provide alternative water supply to affected parties.

Treatment at Hookup - install water treatment devices at each dwelling or other place of use.

Vacuum Extract - use pumps or blowers to draw air through soil.

Vent Soil - bore holes in soil to allow volatilization of contaminants.

No Action Required - incident is minor, requiring no remedial action.

COMMENTS - Use this space to elaborate on any aspects of the incident.

SIGNATURE - Sign the form in the space provided.

### DISTRIBUTION

If the form is completed by the tank owner or his agent, retain the last copy and forward the remaining copies intact to your local tank permitting agency for distribution.

1. Original - Local Tank Permitting Agency
2. State Water Resources Control Board, Division of Clean Water Programs, Underground Storage Tank Program, P.O. Box 944212, Sacramento, CA 94244-2120
3. Regional Water Quality Control Board
4. Local Health Officer and County Board of Supervisors or their designee to receive Proposition 65 notifications.
5. Owner/responsible party.

# 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 type="checkbox"/> NO		<b>FOR LOCAL AGENCY USE ONLY</b> 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 09/28/95		CASE #		SIGNED: <u>Michael P. Cortez</u> DATE: 9/28/95		
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT MICHAEL P. CORTEZ		PHONE (510) 276-4700		SIGNATURE 	
	REPRESENTING <input checked="" type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME PRO LOMA SANITARY DISTRICT			
	ADDRESS 2600 GRANT AVENUE, SAN LORENZO, CA 94580					
RESPONSIBLE PARTY	NAME PRO LOMA SANITARY DIST. <input type="checkbox"/> UNKNOWN		CONTACT PERSON MICHAEL P. CORTEZ		PHONE (510) 276-4700	
	ADDRESS 2600 GRANT AVENUE, SAN LORENZO, CA 94580					
SITE LOCATION	FACILITY NAME (IF APPLICABLE) PRO LOMA SANITARY DISTRICT		OPERATOR		PHONE ( )	
	ADDRESS 2600 GRANT AVE, SAN LORENZO, CA 94580					
	CROSS STREET WIDGITHLEY BLVD					
IMPLEMENTING AGENCIES	LOCAL AGENCY AGENCY NAME ALAMEDA COUNTY ENVIRONMENTAL HEALTH & SAFETY AGENCY		CONTACT PERSON JULIE HIN		PHONE ( )	
	REGIONAL BOARD STATE WATER RESOURCES CONTROL BOARD		PHONE ( )			
SUBSTANCES INVOLVED	(1) NAME		QUANTITY LOST (GALLONS)			
	DIESEL FUEL		<input checked="" type="checkbox"/> UNKNOWN			
(2)		<input type="checkbox"/> UNKNOWN				
DISCOVERY/ABATEMENT	DATE DISCOVERED 04/15/88		HOW DISCOVERED <input type="checkbox"/> TANK TEST <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK REMOVAL <input checked="" type="checkbox"/> OTHER COUNTY INSPECTION			
	DATE DISCHARGE BEGAN M M D D Y Y <input checked="" type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> CLOSE TANK & REMOVE <input checked="" type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input checked="" type="checkbox"/> REPLACE TANK <input type="checkbox"/> OTHER			
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO    IF YES, DATE M M D D Y Y					
SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input checked="" type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER		CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input checked="" type="checkbox"/> CORROSION <input type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER			
	CASE TYPE 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 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 checked="" 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 checked="" 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 (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input 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 EXISTING TANKS HAVE BEEN REPLACED WITH ONE (1) 4000 GAL. TRIPLE WALL TANK ACCORDING TO PLANS APPROVED BY THE ALAMEDA COUNTY HEALTH SERVICES AGENCY & THE EDDY COUNTY CONSOLIDATED FIRE AGENCY.					

## INSTRUCTIONS

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3. Regional Water Quality Control Board
4. Local Health Officer and County Board of Supervisors or their designee to receive Proposition 65 notifications.
5. Owner/responsible party.

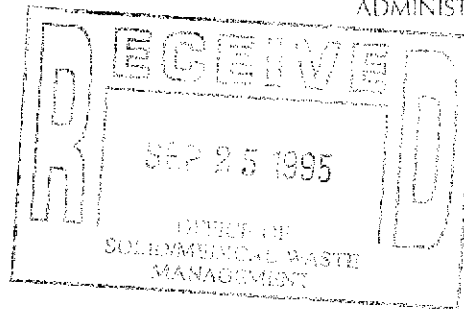


# ORO LOMA SANITARY DISTRICT

*Fine*

2600 GRANT AVENUE  
SAN LORENZO, CALIFORNIA 94580  
TELEPHONE (510) 276-4700  
ADMINISTRATION FAX (510) 276-1528  
PLANT FAX (510) 278-7382

*Directors:*  
Roland J. Dias, President  
Howard W. Kerr, Vice President  
Laythan M. Jones, Secretary  
Herbert G. Crowe, Director  
Frank V. Eldan, Director  
*General Manager:*  
Michael C. Damstra



September 15, 1995

*David*

Mr. Rafat A. Shahid, Director  
Alameda County Health Care Services Agency  
Department of Environmental Health  
1131 Harbor Way Parkway  
Alameda, CA 94502-6577

*Amy Leech* → *Tom Pearson*

**SUBJECT: DIESEL FUEL REMEDIATION  
2600 GRANT AVENUE, SAN LORENZO**

Dear Mr. Shahid:

The purpose of this letter is to request that a compliance certificate be issued for our diesel tank remediation project and ground water monitoring completed in March 1995.

This project involved the removal of two 2,500 gallon above-ground tanks and the associated underground fuel supply lines buried approximately three feet deep. The lines eventually leaked into the surrounding soil. The tanks were replaced with a one 4,000 gallon triple wall tank in October, 1993 and all new above-ground fuel supply lines were installed.

A remediation plan was prepared by our consultant Levine-Fricke and approved by the Alameda County Department of Health. The plan was very costly and ultimately involved the excavation of 275 cubic yards of material. This excavation went well beyond the original scope of the project and was successful in removing most if not all of the contaminated soil.

Both Levine-Fricke and Pamela Evans from the Health Department were on site during much of the excavation and both concurred with the final limits of the excavation. The excavation site was backfilled with cement slurry and we hauled the diesel contaminated soil to a Class A landfill.

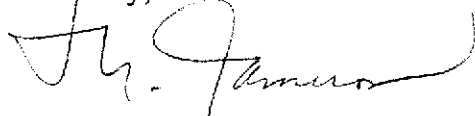
Mr. Rafat A. Shahid  
**DIESEL FUEL REMEDIATION**  
September 12, 1995  
Page 2

Pursuant to the Health Department's requirements we installed a ground water monitoring well adjacent to the site. Test results over the last 1-1/2 years have indicated that TPHd is 0.2 ppm and BTEX was below laboratory detection limits. Moreover, there are no domestic wells within the area and the site itself is bounded on three sides by sewage treatment structures with subterranean foundations embedded nearly 18' into the ground. There are also a number of other technical issues which we can discuss if necessary. In summary, our consultants indicate that the migratory potential for any diesel fuel remaining in the soil is virtually non-existent.

Notwithstanding these facts, several changes in Health Department personnel assigned to this project have resulted in what we believe are new and unfounded requirements for more monitoring and excavation. We believe that there has been more than adequate compliance with both the spirit and the letter of the law. It is of grave concern to our Board of Directors that after spending more than \$125,000 for remediation on a contained site with restricted public access, we seem to be back to square one. The additional soil testing and potential excavation requested by your Department in Amy Leach's April 17, 1995 letter, after the completion of a successful monitoring program, are unwarranted.

We are now in the process of bidding the removal of contaminated soils at the only other site owned by the District. I firmly agree with Levine-Fricke, as confirmed by the last ground water samples, that no additional excavation of the site in question should be required. I am convinced that this is an unnecessary expenditure which is not in the best interests of the District and our taxpayers. Anything you can do to resolve this problem as soon as possible will be greatly appreciated. Please call me at (510) 276-4700 if you have further questions.

Sincerely,



Michael C. Cameron  
General Manager

MCC:al

cc: Mr. John Sturman  
Levine-Fricke  
1900 Powell St., 12th Floor  
Emeryville, CA 94608-1811



**ORO LOMA SANITARY DISTRICT**

2600 Grant Avenue  
SAN LORENZO, CALIFORNIA 94580

(415) 276-4700  
FAX (415) 276-1528

TO ALA. CO. ENVIRONMENTAL PROTECTION DM  
1131 HARBOR WAY PKWY., ROOM 250  
ALAMOSA, CA 94502-6577

**LETTER OF TRANSMITTAL**

DATE	6-30-95	JOB NO.	45-262-03
ATTENTION	AMY LEECH		
RE:	UNDERGROUND GASOLINE TANK REMOVAL		

WE ARE SENDING YOU  Attached  Under separate cover via _____ the following items:

- Shop drawings     Prints     Plans     Samples     Specifications  
 Copy of letter     Change order     _____

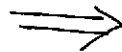
COPIES	DATE	NO.	DESCRIPTION
			TANK REMOVAL REPORT
			DISPOSAL MANIFESTS

THESE ARE TRANSMITTED as checked below:

- For approval     Approved as submitted     Resubmit _____ copies for approval  
 For your use     Approved as noted     Submit _____ copies for distribution  
 As requested     Returned for corrections     Return _____ corrected prints  
 For review and comment     _____  
 FOR BIDS DUE _____ 19 _____     PRINTS RETURNED AFTER LOAN TO US

REMARKS Pls. call me at (510) 276-4700 At: 131  
if you need additional information

COPY TO _____ SIGNED: Michael P. King



1131 Harbor Bay Pkwy.  
Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700

ALAMEDA COUNTY, DEPARTMENT OF  
ENVIRONMENTAL HEALTH

Hazardous Materials Inspection Form

II, III

white -env.health  
yellow -facility  
pink -files

Site ID # _____ Site Name Oro Loma Sanitary Dist. Today's Date 5/3/95

II.A BUSINESS PLANS (Title 19)

- ___ 1. Immediate Reporting 2703
- ___ 2. Bus. Plan Stds. 25503(b)
- ___ 3. RR Cars > 30 days 25503.7
- ___ 4. Inventory Information 25504(a)
- ___ 5. Inventory Complete 2730
- ___ 6. Emergency Response 25504(b)
- ___ 7. Training 25504(c)
- ___ 8. Deficiency 25505(a)
- ___ 9. Modification 25505(b)

Site Address 2600 Grant Ave

City San Lorenzo Zip 94580 Phone _____

___ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

- ___ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
  - ___ II. Business Plans, Acute Hazardous Materials
  - ___ III. Underground Tanks
- Man# 95101102  
Dranna Ltd  
Call 170148  
USDDT 563505  
Erickson

II.B ACUTELY HAZ. MATLS

- ___ 10. Registration Form Filed 25533(a)
- ___ 11. Form Complete 25533(b)
- ___ 12. RMPP Contents 25534(c)
- ___ 13. Implement Sch. Req'd? (Y/N) _____
- ___ 14. OffSite Conseq. Assess. 25524(c)
- ___ 15. Probable Risk Assessment 25534(d)
- ___ 16. Persons Responsible 25534(g)
- ___ 17. Certification 25534(f)
- ___ 18. Exemption Request? (Y/N) _____
- ___ 19. Trade Secret Requested? 25538

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

III. UNDERGROUND TANKS (Title 23)

- General
- ___ 1. Permit Application 25284 (H&S)
  - ___ 2. Pipeline Leak Detection 25292 (H&S)
  - ___ 3. Records Maintenance 2712
  - ___ 4. Release Report 2651
  - ___ 5. Closure Plans 2670

- Monitoring for Existing Tanks
- ___ 6. Method
    - 1) Monthly Test
    - 2) Daily Vadose  
Semi-annual groundwater  
One time soils
    - 3) Daily Vadose  
One time soils  
Annual tank test
    - 4) Monthly Gndwater  
One time soils
    - 5) Daily Inventory  
Annual tank testing  
Cont pipe leak det  
Vadose/gndwater mon.
    - 6) Daily Inventory  
Annual tank testing  
Cont pipe leak det
    - 7) Weekly Tank Gauge  
Annual tank test
    - 8) Annual Tank Testing  
Daily inventory
    - 9) Other _____

- ___ 7. Precs Tank Test 2643  
Date: _____
- ___ 8. Inventory Rec. 2644
- ___ 9. Soil Testing 2646
- ___ 10. Ground Water. 2647

- New Tanks
- ___ 11. Monitor Plan 2632
  - ___ 12. Access. Secure 2634
  - ___ 13. Plans Submit 2711  
Date: _____
  - ___ 14. As Built 2635  
Date: _____

Rev 6/88

Comments:

Or 6% LEL 6%  
Tank -> 1,000 gal gasoline removed @ 11:20AM  
Per consultant, green soil noted after removing  
concrete before excavation. Green staining  
noted on excavation walls esp on side  
facing pump island  
Tank wrap on tank very deteriorated w/  
peeling in many areas. No holes observed  
Water present in pit at approx. 7'5"  
bottom of tank @ 7'. Pit was 17'x11'  
-S1 taken @ approx 5.8' on sidewall at  
what appeared to be groundwater soil interface  
Backfill (~45 yd³) will be analyzed for  
manifests for disposal w/ tank closure report  
S2 taken at 6' on sidewall @ pond/gw  
interface at west end

*East end  
stored on  
pits*

Water samples collected at pit bottom.  
Per consultant w/ V&T water is from tank  
during excavation - most likely perched H₂O  
in backfill. Groundwater was noted seeping  
in at sides of excavation.

Contact: JOHN R. SUTTON

Title: PRINCIPAL ENGINEER

Signature: [Signature]

Inspector: Amy Leech

Signature: [Signature]

GW sampled on 1/9/93 from nearby springs - per rpt dtd 11/23/94.

Check if we can bypass testing pit water since  
we already have results of grab samples from  
nearby borings taken in 1973

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577  
(510) 567-6700

StId #1996

April 17, 1995

Mike Cortez  
Oro Loma Sanitary District  
2600 Grant Ave  
San Lorenzo CA 94580

Subject: Investigations at 2600 Grant Ave., San Lorenzo, CA

Dear Mr. Cortez:

This office has received and reviewed Levine-Fricke's Quarterly Ground Water Monitoring Results, dated March 17, 1995, for the subject site. In this report, Levine-Fricke recommends that Oro Loma Sanitary District (OLSD) pursue case closure for this site. As you know, soil and ground water investigations are pending at this site in regard to the 1,000-gallon gasoline underground storage tank (UST). Therefore, this office will not consider reviewing this site for case closure until investigations and remediation, if necessary, are complete in regard to both the closure of the gasoline UST and the aboveground diesel tanks and associated underground piping.

In addition, this office has determined that investigations in the location of the aboveground diesel tanks are not complete for the reasons indicated below. Please submit to this office on or before June 1, 1995, the following information in regard to soil and ground water investigations in the location of the aboveground diesel tanks:

1. The June 1994 Ground Water Quarterly Monitoring Report completed by Levine-Fricke for monitoring well MW-1.
2. Per Levine-Fricke's Report on Soil Excavation at the OLSD, dated March 29, 1994, analytical results of soil samples collected in October 1993 to the south (boring SW-S-3.5) and west (boring SW-W-3.5) of the diesel tanks identified 1,700 ppm and 360 ppm of TPHd, respectively. Therefore, it appears the extent of soil contamination has not yet been delineated to the south and west of the excavation boundaries.

There is currently one monitoring well (MW-1) in the vicinity of the aboveground diesel tanks and associated underground piping. MW-1 is located west/northwest of the diesel tanks and associated underground piping. It appears that the extent of ground water contamination has been delineated in this area. However, ground water gradient in this location has not been determined and impact to ground water has not

been determined in the areas where the highest concentrations of soil contamination remain, i.e. to the south and west of the tanks and associated piping. **Please submit a work plan that addresses ground water gradient determinations in this location of the site, as well as, delineation of contamination to soil and ground water south and west of the diesel tanks and associated piping.**

3. **Please submit manifests for disposal of the approximately 275 cubic yards of petroleum contaminated soil that was removed from the vicinity of the aboveground diesel tanks and related underground piping.**

After the above information is forwarded to us and the required investigations are complete in regard to soil and ground water investigations in the location of the aboveground diesel tanks and associated underground piping, we will be able to determine whether it is necessary to continue monitoring the ground water in the location of the aboveground diesel tanks.

Please be reminded that per Section 2652, Article 5, Title 23 California Code of Regulations, and the Regional Water Quality Control Board's guidelines, **you are required to conduct quarterly monitoring and sampling of the groundwater monitoring wells and submit quarterly reports to this office until this site qualifies for case closure.** The referenced quarterly reports, must describe the status of the investigations and must include, among others, the following elements:

- o Details and results of all work performed during the designated period of time: records of field observations and data, boring and well construction logs, water level data, chain-of-custody forms, laboratory results for all samples collected and analyzed, tabulations of free product thicknesses and dissolved fractions, etc.
- o Status of ground water contamination characterization.
- o Interpretations of results: water level contour maps showing gradients, free and dissolved product plume definition maps for each target component, geologic cross sections, etc.
- o Recommendations or plans for additional investigative work or remediation.

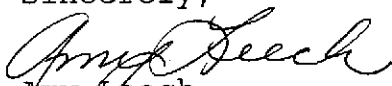
The Tank Closure Plan for the 1,000-gallon gasoline tank was submitted to this office by V.C.I. of California on April 14, 1995. Per our conversation on April 13th, you stated you plan to

Cortez/Oro Loma Sanitary District  
April 17, 1995  
Page 3 of 3

schedule the tank removal as soon as the plans are approved. This Tank Closure Plan was reviewed and approved by this office on April 18, 1995. Please notify this office to schedule an appointment at least 72 hours prior to completing the tank removal.

Please call me at (510)567-6755 if you have questions and/or to schedule an appointment. I will be out of town April 24 - 28, 1995. If you need to schedule the tank removal during that time, please contact Tom Peacock at (510)567-6782.

Sincerely,



Amy Leech  
Hazardous Materials Specialist

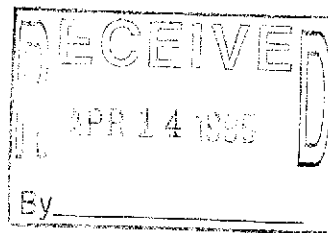
c: Shellie Fletcher  
Levine-Fricke  
1900 Powell St., 12th Floor  
Emeryville, CA 94608

John Sutton  
The Sutton Group  
51 Shuey Dr.  
Moraga, CA 94556-2620

Acting Chief of Environmental Protection - Files(ALL)

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY  
 DEPARTMENT OF ENVIRONMENTAL HEALTH  
 HAZARDOUS MATERIALS DIVISION

1131 HARBOR BAY PARKWAY, STE 250  
 ALAMEDA, CA 94502-6577  
 TELE: (510) 567-6700  
 FAX: (510) 337-9335



*Approved by Atleech on 04/17/95  
 * You are required to comply with  
 this plan & the additional comments  
 in red ink.*

**ACCEPTED**

Underground Storage Tank Closure Permit Application

Alameda County Division of Hazardous Materials

885 West Wackerly Suite 200  
 Oakland, CA 94612

Telephone: (510) 337-9330 567-6700

These closure/removal plans have been received and found to be acceptable and essentially meet the requirements of State and Local Health Laws. Changes to your closure plans indicated by this Department are to assure compliance with State and Local Laws. The project proposed herein is now referred for issuance of any required building permits for construction/destruction.

One copy of the accepted plans must be on the job and available to all contractors and craftsmen involved with the removal.

Any changes or alterations of these plans and specifications must be submitted to this Department and to the Fire and Building Inspections Department to determine if such changes meet the requirements of State and local laws.

Notify this Department at least 72 hours prior to the following required inspections:

- Removal of Tank(s) and Piping
- Sampling
- Final Inspection

Issuance of a) permit to operate, b) permanent site closure, is dependent on compliance with accepted plans and all applicable laws and regulations.

***THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS**

Contact Specialist:

*Amy Leech  
 (510) 567-6755*

**UNDERGROUND TANK CLOSURE PLAN**

*** * * Complete according to attached instructions * * ***

1. Business Name OROLOMA SANITARY DISTRICT  
 Business Owner OROLOMA SANITARY DISTRICT

2. Site Address 2600 GRANT AVENUE  
 City SAN LORENZO Zip 94580 Phone 510-276-4700

3. Mailing Address 2600 GRANT AVENUE  
 City SAN LORENZO, CA. Zip 94580 Phone 510-276-4700

4. Land Owner OROLOMA SANITARY DISTRICT  
2600 GRANT AVENUE, SAN LORENZO  
 Address _____ City, State CALIFORNIA Zip 94580

5. Generator name under which tank will be manifested _____  
OROLOMA SANITARY DISTRICT

EPA I.D. No. under which tank will be manifested CAL 000065728

6. Contractor V.C.I. CALIFORNIA  
Address 753 PERALTA AVENUE  
City SAN LEANDRO, CA. 94577 Phone 510-568-1234  
License Type * A,B,C-21, HAZARDOUS ID# 487537

*Effective January 1, 1992, Business and Professional Code Section 7058.7 requires prime contractors to also hold Hazardous Waste Certification issued by the State Contractors License Board. Indicate that the certificate has been received, in addition, to holding the appropriate contractors license type.

7. Consultant THE SUTTON GROUP  
Address 51 SHUEY DRIVE  
City MORAGA, CA. 94556-2620 Phone 510-631-1688

8. Contact Person for Investigation  
Name MR. JOHN R. SUTTON Title PRINCIPAL ENGINEER  
Phone 510-631-1688

9. Number of tanks being closed under this plan 1  
Length of piping being removed under this plan estimated less 20'  
Total number of tanks at facility 1

10. State Registered Hazardous Waste Transporters/Facilities (see instructions).

** Underground tanks are hazardous waste and must be handled **  
as hazardous waste

a) Product/Residual Sludge/Rinsate Transporter

Name ENVIROPUR ENVIRONMENTAL CORPORATION EPA I.D. No. CAT080011059  
Hauler License No. 2591 License Exp. Date 3/31/96  
Address 13331 NO. HIGHWAY #33  
City PATTERSON State CA. Zip 95363

b) Product/Residual Sludge/Rinsate Disposal Site

Name ENVIROPUR ENVIRONMENTAL CORPORATION EPA I.D. No. CAD083166728  
Address 13331 NO. HIGHWAY #33  
City PATTERSON State CA. Zip 95363



c) Tank and Piping Transporter

Name DEXANNA, LTD. EPA I.D. No. CAD982438566  
Hauler License No. 2883 License Exp. Date 6/30/95  
Address 3104 ATHENE COURT  
City CONCORD State CA. Zip 94519

d) Tank and Piping Disposal Site

Name ERICKSON, INC. EPA I.D. No. CAD009466392  
Address 255 PARR BLVD.  
City RICHMOND State CA. Zip 94801

11. Experienced Sample Collector

Name MR. JOHN SUTTON  
Company THE SUTTON GROUP  
Address 51 SHUEY DRIVE  
City MORAGA State CA. Zip 94556 Phone 510-631-1688

12. Laboratory

Name SEQUIA ANALYTICAL  
Address 680 CHESAPEAKE  
City REDWOOD CITY State CA. Zip 94063  
State Certification No. 1210

13. Have tanks or pipes leaked in the past? Yes [ ] No [ ]

If yes, describe. UNKNOWN  
_____  
_____

14. Describe methods to be used for rendering tank inert

TANK WILL BE RINSED, RINSATE WILL BE DISPOSED AT A DISPOSAL FACILITY,

TANK WILL BE INERTED WITH CARBON DIOXIDE SUPPLIMENTED FROM DRY-ICE

*15-25 lbs dry ice / 1000 gallons*

Before tanks are pumped out and inerted, all associated piping must be flushed out into the tanks. All accessible associated piping must then be removed. Inaccessible piping must be plugged.

The Bay Area Air Quality Management District (771-6000), along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of explosion proof combustible gas meters to verify tank inertness. It is the contractor's responsibility to bring a working combustible gas meter on site to verify tank inertness.

15. Tank History and Sampling Information

Tank		Material to be sampled (tank contents, soil, ground-water, etc.)	Location and Depth of Samples
Capacity	Use History (see instructions)		
1000 GAL.	GASOLINE	SOIL, WATER IF PRESENT  pipings is all above tank (total) less than 5' , all soil will be excavated during tank removal.	2 samples each end (above water if encountered)

One soil sample must be collected for every 20 feet of piping that is removed. A ground water sample must be collected should any ground water be present in the excavation.

**Excavated/Stockpiled Soil**

<p><b>Stockpiled Soil Volume (Estimated)</b></p> <p align="center">90 CYD.</p>	<p align="center"><b>Sampling Plan</b></p> <p>Soil will be stored near tank site in bermed area on district property, soil will be covered. Later aerated during remediation of plume soil.</p> <p><i>1 discrete sample per 20 cyds for on-site disposal/reuse</i></p> <p><i>1 composite sample per 50 cyds for off-site disposal</i></p>
--------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

**Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting.**

16. Chemical methods and associated detection limits to be used for analyzing samples

The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed. See attached Table 2.

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
LEADED GASOLINE	TPH GAS GCFID (5030) BTEX 8020 <i>Soil</i> TOTAL LEAD AA	BTEX 602, 624, <i>↳ water</i>	SOIL AND WATER

*Soil Water*  
ppm ppb  
1.0 50.0  
0.005 0.5

17. Submit Site Health and Safety Plan (See Instructions)

18. Submit Worker's Compensation Certificate copy

Name of Insurer STATE FUND INSURANCE

19. Submit Plot Plan (See Instructions)

20. Enclose Deposit (See Instructions)

21. Report any leaks or contamination to this office within 5 days of discovery. The report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report form. (see Instructions)

22. Submit a closure report to this office within 60 days of the tank removal. This report must contain all the information listed in item 22 of the instructions.

I declare that to the best of my knowledge and belief the statements and information provided above are correct and true.

I understand that information in addition to that provided above may be needed in order to obtain an approval from the Department of Environmental Health and that no work is to begin on this project until this plan is approved.

I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel health and safety. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Once I have received my stamped, accepted closure plan, I will contact the project Hazardous Materials Specialist at least three working days in advance of site work to schedule the required inspections.

Signature of Contractor

V.C.I. OF CALIFORNIA

Name (please type) by: Catherine R. Mayer (Secretary)

Signature By: Catherine R. Mayer

Date 4/10/95

Signature of Site Owner or Operator

Name (please type) Michael Cortez

Signature Michael Cortez

Date April 4, 1995

## INSTRUCTIONS

### General Instructions

- * Three (3) copies of this plan plus attachments and deposit must be submitted to this Department.
- * Any cutting into tanks requires local fire department approval.
- * One complete copy of your approved plan must be at the construction site at all times; a copy of your approved plan must also be sent to the landowner.

### Item Specific Instructions

2. SITE ADDRESS  
Address at which closure is taking place.
5. EPA I.D. NO. under which the tanks will be manifested  
EPA I.D. numbers may be obtained from the State Department of Health Services, 916/324-1781.
6. CONTRACTOR  
Prime contractor for the project.
10. STATE REGISTERED HAZARDOUS WASTE TRANSPORTERS/FACILITIES
  - a) All residual liquids and sludges are to be removed from tanks before tanks are inerted.
  - c) Tanks must be hauled as hazardous waste.
  - d) This is the place where tanks will be taken for cleaning.
15. TANK HISTORY AND SAMPLING INFORMATION  
Use History - This information is essential and must be accurate. Include tank installation date, products stored in the tank, and the date when the tank was last used.  
  
Material to be sampled - e.g. water, oil, sludge, soil, etc.  
  
Location and depth of samples - e.g. beneath the tank a maximum of two feet below the native soil/backfill interface, side wall at the high water mark, etc.

16. CHEMICAL METHODS AND ASSOCIATED DETECTION LIMITS

See attached Table 2.

17. SITE HEALTH AND SAFETY PLAN

A site specific Health and Safety plan must be submitted. We advocate the site health and safety plan include the following items, at a minimum:

- a) The name and responsibilities of the site health and safety officer;
- b) An outline of briefings to be held before work each day to appraise employees of site health and safety hazards;
- c) Identification of health and safety hazards of each work task. Include potential fire, explosion, physical, and chemical hazards;
- d) For each hazard, identify the action levels (contaminant concentrations in air) or physical conditions which will trigger changes in work habits to ensure workers are not exposed to unsafe chemical levels or physical conditions;
- e) Description of the work habit changes triggered by the above action levels or physical conditions;
- f) Frequency and types of air and personnel monitoring - along with the environmental sampling techniques and instrumentation - to be used to detect the above action levels. Include instrumentation maintenance and calibration methods and frequencies;
- g) Confined space entry procedures (if applicable);
- h) Decontamination procedures;
- i) Measures to be taken to secure the site, excavation and stockpiled soil during and after work hours (e.g. barricades, caution tape, fencing, trench plates, plastic sheeting, security guards, etc.);
- j) Spill containment/emergency/contingency plan. Be sure to include emergency phone numbers, the location of the phone nearest the site, and directions to the hospital nearest the site;
- k)** Documentation that all site workers have received the appropriate OSHA approved trainings and participate in appropriate medical surveillance per 29 CFR 1910.120; and
- l) Page for employees to sign indicating they have read and will comply with the site health and safety plan.

The safety plan must be distributed to all employees and contractors working in hazardous waste operations on site. A complete copy of the site health and safety plan along with any standard operating procedures shall be on site and accessible at all times.

NOTE: These requirements are excerpts from 29 CFR Part 1910.120(b)(4), Hazardous Waste Operations and Emergency Response; Final Rule, March 6, 1989. Safety plans of certain underground tank sites may need to meet the complete requirements of this Rule.

19. PLOT PLAN

The plan should consist of a scaled view of the facility at which the tank(s) are located and should include the following information:

- a) Scale;
- b) North Arrow;
- c) Property Lines;
- d) Location of all Structures;
- e) Location of all relevant existing equipment including tanks and piping to be removed and dispensers;
- f) Streets;
- g) Underground conduits, sewers, water lines, utilities;
- h) Existing wells (drinking, monitoring, etc.);
- i) Depth to ground water; and
- j) All existing tanks and piping in addition to the ones being pulled.

20. DEPOSIT

A deposit, payable to Alameda County for the amount indicated on the Alameda County Underground Storage Tank Fee Schedule, must accompany the plans.

21. Blank Unauthorized Leak/Contamination Site Report forms may be obtained in limited quantities from our office and from the San Francisco Bay Regional Water Quality Control Board (415/464-1255). Larger quantities may be obtained directly from the State Water Resources Control Board at (916) 739-2421.

22. TANK CLOSURE REPORT

The tank closure report should contain the following information:

- a) General description of the closure activities;
- b) Description of tank, fittings and piping conditions. Indicate tank size and former contents; note any corrosion, pitting, holes, etc.;

- c) Description of the excavation itself. Include the tank and excavation depth, a log of the stratigraphic units encountered within the excavation, a description of root holes or other potential contaminant pathways, the depth to any observed ground water, descriptions and locations of stained or odor-bearing soil, and descriptions of any observed free product or sheen;
- d) Description of sampling methods;
- e) Description of any remedial measures conducted at the time of tank removal;
- f) To-scale figures showing the excavation size and depth, nearby buildings, sample locations and depths, and tank and piping locations. Include a copy of the plot plan prepared for the Tank Closure Plan under item 19;
- g) Chain of custody records;
- h) Copies of signed laboratory reports;
- i) Copies of "TSDF to Generator" Manifests for all hazardous wastes hauled offsite (sludge, rinsate, tanks and piping, contaminated soil, etc.); and
- j) Tabulation of the volume and final destination of all non-manifested contaminated soil hauled offsite.



TABLE #2  
RECOMMENDED MINIMUM VERIFICATION ANALYSES FOR  
UNDERGROUND TANK LEAKS

<u>HYDROCARBON LEAK</u>	<u>SOIL ANALYSIS</u>		<u>WATER ANALYSIS</u>		
Unknown Fuel	TPH G	GCFID(5030)	TPH G	GCFID(5030)	
	TPH D	GCFID(3550)	TPH D	GCFID(3510)	
	BTX&E	8020 or 8240	BTX&E	602, 624 or 8260	
	TPH AND BTX&E	8260			
Leaded Gas	TPH G	GCFID(5030)	TPH G	GCFID(5030)	
	BTX&E	8020 OR 8240	BTX&E	602 or 624	
	TPH AND BTX&E	8260	TOTAL LEAD AA		
	TOTAL LEAD AA				
	-----Optional-----				
	TEL	DHS-LUFT	TEL	DHS-LUFT	
EDB	DHS-AB1803	EDB	DHS-AB1803		
Unleaded Gas	TPH G	GCFID(5030)	TPH G	GCFID(5030)	
	BTX&E	8020 or 8240	BTX&E	602, 624 or 8260	
	TPH AND BTX&E	8260			
Diesel, Jet Fuel and Kerosene	TPH D	GCFID(3550)	TPH D	GCFID(3510)	
	BTX&E	8020 or 8240	BTX&E	602, 624 or 8260	
	TPH AND BTX&E	8260			
Fuel/Heating Oil	TPH D	GCFID(3550)	TPH D	GCFID(3510)	
	BTX&E	8020 or 8240	BTX&E	602, 624 or 8260	
	TPH AND BTX&E	8260			
Chlorinated Solvents	CL HC	8010 or 8240	CL HC	601 or 624	
	BTX&E	8020 or 8240	BTX&E	602 or 624	
	CL HC AND BTX&E	8260	CL HC AND BTX&E	8260	
Non-chlorinated Solvents	TPH D	GCFID(3550)	TPH D	GCFID(3510)	
	BTX&E	8020 or 8240	BTX&E	602 or 624	
	TPH AND BTX&E	8260	TPH and BTX&E	8260	
Waste and Used Oil or Unknown (All analyses must be completed and submitted)	TPH G	GCFID(5030)	TPH G	GCFID(5030)	
	TPH D	GCFID(3550)	TPH D	GCFID(3510)	
	TPH AND BTX&E	8260			
	O & G	5520 D & F	O & G	5520 C & F	
	BTX&E	8020 or 8240	BTX&E	602, 624 or 8260	
	CL HC	8010 or 8240	CL HC	601 or 624	
ICAP or AA TO DETECT METALS: Cd, Cr, Pb, Zn, Ni					
METHOD 8270 FOR SOIL OR WATER TO DETECT:					
	PCB*		PCB		
	PCP*		PCP		
	PNA		PNA		
	CREOSOTE		CREOSOTE		

* If found, analyze for dibenzofurans (PCBs) or dioxins (PCP)

Reference: Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, 10 August 1990

**EXPLANATION FOR TABLE #2: MINIMUM VERIFICATION ANALYSIS**

1. OTHER METHODOLOGIES are continually being developed and as methods are accepted by EPA or DHS, they also can be used.
2. For DRINKING WATER SOURCES, EPA recommends that the 500 series for volatile organics be used in preference to the 600 series because the detection limits are lower and the QA/QC is better.
3. APPROPRIATE STANDARDS for the materials stored in the tank are to be used for all analyses on Table #2. For instance, seasonally, there may be five different jet fuel mixtures to be considered.
4. To AVOID FALSE POSITIVE detection of benzene, benzene-free solvents are to be used.
5. TOTAL PETROLEUM HYDROCARBONS (TPH) as gasoline (G) and diesel (D) ranges (volatile and extractible, respectively) are to be analyzed and characterized by GCFID with a fused capillary column and prepared by EPA method 5030 (purge and trap) for volatile hydrocarbons, or extracted by sonication using 3550 methodology for extractable hydrocarbons. Fused capillary columns are preferred to packed columns; a packed column may be used as a "first cut" with "dirty" samples or once the hydrocarbons have been characterized and proper QA/QC is followed.
6. TETRAETHYL LEAD (TEL) analysis may be required if total lead is detected unless the determination is made that the total lead concentration is geogenic (naturally occurring).
7. CHLORINATED HYDROCARBONS (CL HC) AND BENZENE, TOLUENE, XYLENE AND ETHYLBENZENE (BTX&E) are analyzed in soil by EPA methods 8010 and 8020 respectively, (or 8240) and in water, 601 and 602, respectively (or 624).
8. OIL AND GREASE (O & G) may be used when heavy, straight chain hydrocarbons may be present. Infrared analysis by method 418.1 may also be acceptable for O & G if proper standards are used. **Standard Methods** 17th Edition, 1989, has changed the 503 series to 5520.
9. PRACTICAL QUANTITATION REPORTING LIMITS are influenced by matrix problems and laboratory QA/QC procedures. Following are the Practical Quantitation Reporting Limits:

	<u>SOIL PPM</u>	<u>WATER PPB</u>
TPH G	1.0	50.0
TPH D	1.0	50.0
BTX&E	0.005	0.5
O & G	50.0	5,000.0

Based upon a Regional Board survey of Department of Health Services Certified Laboratories, the Practical Quantitation Reporting Limits are attainable by a majority of laboratories with the exception of diesel fuel in soils. The Diesel Practical Quantitation Reporting Limits, shown by the survey, are:

ROUTINE	MODIFIED PROTOCOL
≤ 10 ppm (42%)	≤ 10 ppm (10%)
≤ 5 ppm (19%)	≤ 5 ppm (21%)
≤ 1 ppm (35%)	≤ 1 ppm (60%)

When the Practical Quantitation Reporting Limits are not achievable, an explanation of the problem is to be submitted on the laboratory data sheets.

- LABORATORY DATA SHEETS are to be signed and submitted and include the laboratory's assessment of the condition of the samples on receipt including temperature, suitable container type, air bubbles present/absent in VOA bottles, proper preservation, etc. The sheets are to include the dates sampled, submitted, prepared for analysis, and analyzed.
- IF PEAKS ARE FOUND, when running samples, that do not conform to the standard, laboratories are to report the peaks, including any unknown complex mixtures that elute at times varying from the standards. Recognizing that these mixtures may be contrary to the standard, they may not be readily identified; however, they are to be reported. At the discretion of the LIA or Regional Board the following information is to be contained in the laboratory report:

The relative retention time for the unknown peak(s) relative to the reference peak in the standard, copies of the chromatogram(s), the type of column used, initial temperature, temperature program is C/minute, and the final temperature.

- REPORTING LIMITS FOR TPH are: gasoline standard ≤ 20 carbon atoms, diesel and jet fuel (kerosene) standard ≤ 50 carbon atoms. It is not necessary to continue the chromatography beyond the limit, standard, or EPA/DHS method protocol (whichever time is greater).

#### EPILOGUE

ADDITIVES: Major oil companies are being encouraged or required by the federal government to reformulate gasoline as cleaner burning fuels to reduce air emissions. MTBE (Methyl-tertiary butyl ether), ETHANOL (ethyl alcohol), and other chemicals may be added to reformulate gasolines to increase the oxygen content in the fuel and thereby decrease undesirable emissions (about four percent with MTBE). MTBE and ethanol are, for practical purposes, soluble in water. The removal from the water column will be difficult. Other compounds are being added by the oil companies for various purposes. The refinements for detection and analysis for all of these additives are still being worked out. If you have any questions about the methodology, please call your Regional Board representative.

## SITE HEALTH AND SAFETY PLAN

### Introduction

This health and safety plan prescribes the work-place procedures which will be followed during the removal and disposal of one underground storage tank located at Oro Loma Sanitary District, 2600 Grant Avenue, San Lorenzo, California. The provisions of this plan are mandatory for all V.C.I. personnel and subcontractors assigned to this project. All authorized visitors to the site will be required to abide by the procedures. The requirements in this plan may change due to changes in the work conditions, however, no changes will be made without prior written approval of the Health and Safety Consultant and the Project Manager.

VCI of California is committed to providing a safe and healthful working environmental for all its employees and subcontractors.

### ASSIGNMENT OF RESPONSIBILITY

#### Project manager

VCI's Project Manager will be Mr. Verl K. Rothlisberger, who will be responsible for oversight and management of the project. Mr. Merlin N. Bowen will be responsible for the implementation and management of the Health and Safety plan.

#### Health and Safety Consultant

Mr. Merlin Bowen or his designee will visit the site periodically and during critical phases of the project. The Health and Safety Consultant is responsible for preparation of this plan.

#### VCI Site Representative/Safety and Health officer

During all of this project there will be an VCI representative on site. That representative will be responsible for day to day implementation of the health and safety plan and overall direction of subcontractor personnel. The VCI representative is empowered to stop all site work in the case of violation of the requirements of the health and safety plan.

#### Other Project Personnel/Subcontractor

All project and subcontractor personnel will be responsible for understanding and complying with the project health and safety requirements.

## HAZARD CHARACTERIZATION AND RISK ANALYSIS

Petroleum Contaminated Water and Soils

Petroleum Hydrocarbons and its constituents pose health hazards in two major classifications: explosivity and toxicity, the extreme flammability of gasoline is commonly known. The lower explosion limit (LEL) of gasoline vapor is 1.3 percent in air. If the Concentration of gasoline vapor in air exceeds 1.3. percent (13,000 parts per million) and sufficient quantities of oxygen are present, then the introduction of sufficient heat, spark, or flame will result in an explosion.

Prior to conducting any subsurface excavation in the vicinity of a fuel tank, the tank should be emptied of all liquid product and receive sufficient quantities of dry ice (frozen carbon dioxide) so that available oxygen is displaced from the tank atmosphere.

A lesser known health hazard resulting from exposure to gasoline is toxicity. Over exposure to petroleum hydrocarbon vapor can cause depression of the central nervous system. Inhalation of high concentrations of gasoline can cause chemical pneumonia and/ or pulmonary edema. Repeated or prolonged skin exposure to gasoline or gasoline contaminated materials can cause dermatitis or even blistering of the skin.

Several common constituents of gasoline have been shown to cause serious health problems resulting from relatively minor exposures include benzene, toluene, meta, para, and ortho xylenes, ethyl benzene and tetraethyl lead.

Typical percentages (by weight) of these constituents in gasoline are: benzene - 0.12-3.50%, toluene - 2.73-21.80%, meta xylene -1.77-3.87%, para xylene -0.77-1.58%, ortho xylene - 0.68-2.66%, and ethyl benzene -0.36-2.36%. Typical percentage of tetraethyl lead is not available.

Units used to describe occupational exposures to hazardous substances include: exposure limit, also known as the "threshold limit value" (TLV), ceiling limit, and the concentration level that is "Immediately dangerous to life and health" (IDLH). the exposure limit defines the maximum concentration of a substance to which one can be exposed During an 8 hour period without suffering significant health effects. The ceiling limit is the concentration level that cannot be exceeded at any time; i.e., a suitable respirator must be worn if concentration values reach the ceiling limit.

The IDLH level represents a maximum concentration from which one could escape within 30 minutes of respirator failure without experiencing escape-impairment or irreversible health damage. IDLH values are not listed for substances that are potential human carcinogens.

#### EXPOSURE TABLE

<u>Substance</u>	<u>Exposure Limit</u>	<u>Ceiling Limit</u>	<u>IDLH</u>
Benzene	0.1 ppm (8 hrs)	1 ppm (15 min)	Carcinogen
Toluene	100 ppm (10 hrs)	200 ppm (10 min)	2000 ppm
Xylene	100 ppm (8 hrs)	200 ppm (10 min)	1000 ppm
Ethyl Benzene	100 ppm (8 hrs)	N/A	2000 ppm
Tetraethyl lead	0.0067 ppm	N/A	3.6 ppm

Prolonged exposures to concentrations above the limits noted may affect the central nervous system, cardiovascular system, respiratory system, eyes, skin, kidneys, bones and bone marrow. Research has shown that benzene is a carcinogen.

Immediate symptoms of over-exposure include: eye irritation, nose irritation, throat irritation, headache, nausea, dizziness, weakness, confusion, euphoria, excitement, staggered gait, abnormal pain, respiratory difficulties, muscle fatigue, and coma.

In order to protect against over-exposure to these compounds, the ambient air will be monitored with a "lower explosion limit/oxygen content meter and/or handled photo ionizing detector (PID). As soon as vapor concentrations approach 75% of the exposure limit value, work will cease until all on-site personnel have donned protective clothing and suitable respiratory devices.

Personnel exposures to excessive job-related hazards are expected to be minimal using these safeguards.

It should be noted that summertime heat may initiate weather stress-related problems and decrease productivity on the job site.

Based upon VCI's experience with investigations of potentially gasoline contaminated soil and water, overexposure of personnel to gasoline vapor is unlikely.

Personnel however may be exposed to short term vapor concentrations approaching 100 ppm. Respiratory protection plans will be directed to protecting personnel from the transient exposures.

#### Drilling Activities

Various hazards are present during excavating procedures.

- electrical hazards due to overhead and underground utility line
- excessive noise
- confined space
- moving portions of the drilling
- falling of heavy overhead objects
- fall hazards due to working at heights

#### SITE CONTROL

A site map has been attached to this plan. The areas where work will occur, will be on the site, and may be barricade to prevent unauthorized access. Only authorized personnel shall be allowed in the work areas and any unauthorized visitors must remain outside any barricade area.

The site is small enough that normal voice communication can be used. In the vicinity of the excavation, common hand signals will be used.

#### TRAINING

##### VCI Personnel

All VCI project personnel shall have completed 40 hours of off-site health and safety training, related to hazardous waste operations. In general, the VCI personnel will have completed a combination of paid training courses which meet the requirements of both the interim and final Occupational Safety and Health Administration (OSHA) rule for Hazardous Waste and Emergency Response Operations (29 CFR 1910.120). All VCI supervisory personnel on site will have completed an additional 8 hours of relevant health and safety training.

VCI personnel who may visit the site occasionally, and are unlikely to be exposed to chemical hazards will have completed at least 24 hours of relevant health and safety training.

Any VCI or contractor personnel operating specialized industrial equipment such as forklifts, heavy equipment, drilling equipment, etc. shall be able to demonstrate their competency in the safe operation of such items.

### Personnel

All subcontractor personnel who are likely to be exposed to hazardous materials either by inhalation or dermal contact shall have completed 40 hours of off-site health and safety training, in accordance with the OSHA interim and final Hazardous Waste and Emergency Operations rule. Subcontractor personnel who are required to work on the site for short periods of time (1-day or less), and who will not be required to wear any protective equipment, shall have completed at least 24 hours of off-site health and safety training.

### All Site Personnel

Prior to starting off the project, a kick-off safety will be on the site. During this meeting all personnel will be briefed on the requirements contained within the health and safety plan, and will be told the site safety rules. The kick-off safety meeting will be conducted jointly by the project manager and the HSO.

At the beginning of each work shift, or whenever new personnel arrive on the site, a tailgate safety meeting will be held. The purpose of such meetings is to highlight health and safety concerns and to ensure that employees are fully briefed on the site work procedures to be followed during the shift. The tailgate safety meetings will be conducted by the first line supervisors. The project manager will review records of all tailgate safety meetings.

### MEDICAL SURVEILLANCE

All VCI subcontractor personnel shall provide proof of having successfully completed a preplacement or annual update physical examination. This examination shall have been designed to comply with regulatory requirements for hazardous waste operations and shall include the following:

- . medical and occupational history form
- . physical examination
- . blood analysis
- . urinalysis
- . chest x-ray
- . pulmonary function test
- . audiogram
- . electrocardiogram ( if indicated during the physical exam)
- . alcohol and illegal drug screening



### GOVERNMENT AND VCI STANDARDS

Currently the health and safety of workers performing hazardous waste activities regulated by OSHA (29 CFR 1910.120).

The OSHA PEL for gasoline vapor is 300 ppm average over an eight-hour period. The 15-minute short term exposure limit is 500 ppm. To ensure that no project workers monitored several times each day using either a photoionization detector (PID) or colorimetric indicator tubes.

If the PID or colorimetric indicator tube samples indicate that hydrocarbon vapor levels are 50 ppm or greater, then daily air samples will be collected from representative project personnel using charcoal tube sampling methods (OSHA Method 1M1S1340). Personnel will be notified in writing of the results of any personal air samples and their significance. A copy of this report will be maintained in the employee's medical surveillance file.

### ACCESS AND DECONTAMINATION

#### Access

Access to the project work area zones shall be regulated and limited to authorized persons. a daily log shall be kept all persons entering such areas. The work area itself shall be cordoned off using barrier tape or other suitable barriers.

#### Decontamination

Due to the low toxicity of the material involved (gasoline), the anticipated low levels of contamination, and the minimal hazard posed of spread of contaminated soil, formal decontamination procedures will not be required. The following site requirements will be enforced:

- . Eating, drinking and smoking within the work area are prohibited.
- . project personnel may eat, drink or smoke outside the work area, only if they have washed their hands and face.
- . An emergency eye wash station shall be located on the job site adjacent to the work area.

Any potentially contaminated equipment will either be disposed of, or washed off with soap and water.

Any equipment used in the contaminated zone should be washed with soap and water before it is removed from the site.

**SAFE USE OF FLAMMABLE AND COMBUSTIBLE MATERIALS**  
(29CFR 1926.152)

Employees shall make sure that combustible scrap, debris and waste materials (oily rags, etc.) are stored in covered metal receptacles and removed from the worksite promptly. Be sure that proper storage is practiced to minimize the risk of fire including spontaneous combustible liquids and that approved containers and tanks are used for the storage and handling of flammable and combustible liquids.

Employees shall make sure that all connections on drums and combustible liquid piping, vapor and liquid are tight, that all bulk drums of flammable liquids are grounded and bonded to containers during dispensing.

Be certain that storage rooms for flammable and combustible liquids have explosion-proof lights and that storage rooms for flammable and combustible liquids have mechanical or gravity ventilation.

Make sure that liquefied petroleum gas is stored, handled and used in accordance with safe practices and standards, pay particular attention in that no smoking signs are posted on liquified petroleum gas tanks. All solvent wastes, and flammable liquids will be kept in fire-resistant, covered containers until they are removed from the worksite.

Vacuuuming shall be used whenever possible, rather than blowing or sweeping combustible dust. Be certain that firm separators are placed between containers of combustibles or flammables, when stacked one upon another, to assure their support and stability.

All fire extinguishers will be selected and provided for the particular types of materials in areas where they are to be used.

- Class A: Ordinary combustible material fires.
- Class B: Flammable liquid, gas or grease fires.
- Class C: Energized-electrical equipment fires.

All appropriate fire extinguishers shall be mounted within 75 feet of outside areas containing flammable liquids, and within 10 feet of any inside storage area for such materials. Said fire extinguishers shall be free from obstructions or blockage and that all extinguishers are serviced, maintained and tagged at intervals not to exceed one year.

Be certain that "NO SMOKING" signs are posted where appropriate in areas where flammable or combustible materials are used or stored and that safety cans are used for dispensing flammable or combustible liquids at a point of use. Spills of flammable or combustible liquids are to be cleaned up promptly.

Make sure that storage tanks are adequately vented to prevent the development of excessive vacuum or pressure as a result of filling, emptying, or atmosphere temperature changes. Be certain that storage tanks are equipped with emergency venting that will relieve excessive internal pressure caused by fire exposure and that "NO SMOKING" rules are enforced in areas involving storage and use of hazardous materials.

#### EMPLOYEE AND WORK RULES AROUND EXCAVATIONS

(29 CFR 1926.651, and 29 CFR 1926.652)

When excavation is necessary at a job site, before work commences and during the performance of work the site shall be adequately protected to prevent sloughing of earth by shoring or sloping. The site shall be fenced in or boarded over to prevent personnel from slipping or falling in the area when moving about.

No employee shall enter or perform work in an excavation which requires the person's head be below the surface of the ground until all confined space procedures are followed.

Employees are not permitted to work in or adjacent to any excavation until an inspection is conducted to determine that they will not be exposed to injuries resulting from moving ground and that necessary permits have been obtained.

#### SLIPS, TRIPS AND FALLS

Inattentiveness is one of the major factors contributing to injuries caused by slips, trips and falls. An employee who is not fully aware of his or hers working conditions, allows himself or herself to be put in a potentially dangerous position.

Another contributing factor is practicing GOOD HOUSEKEEPING ! Working conditions are made hazardous by the spillage of liquids, petroluem products and or residual material unto working areas around machinery and walkways. If spills, unused material, and construction debris are left in walkways, work areas and near construction site, such hazardous shall be immediately cleaned up.

**TOOL AND EQUIPMENT HANDLING (29 CFR 1926.301)**

**SAFETY DEVICES-** Employees must never remove, displace, damage, destroy, or carry away any safety device, safeguard, notice, or warning used at the Company facilities, Company property, or customer job locations.

Never, in any way, interfere with the use of another employee's safety device or safeguard. Verify that all guards and other protective devices are in their proper place, in good repair, and properly adjusted for safe operation. Any deficiency or malfunction must be reported immediately to the supervisor or Safety Representative.

**DAMAGED/UNSAFE EQUIPMENT- REPAIR WORK**

Employees must not repair operating equipment or machinery, oil moving parts, except when the equipment or machinery is designed or fitted with safeguards to protect the employee while performing the work.

Equipment that is worn, damaged, or otherwise defective to the extent that it is unsafe must be reported immediately to the supervisor or Safety Representative.

**CRANE/HOISTING EQUIPMENT**

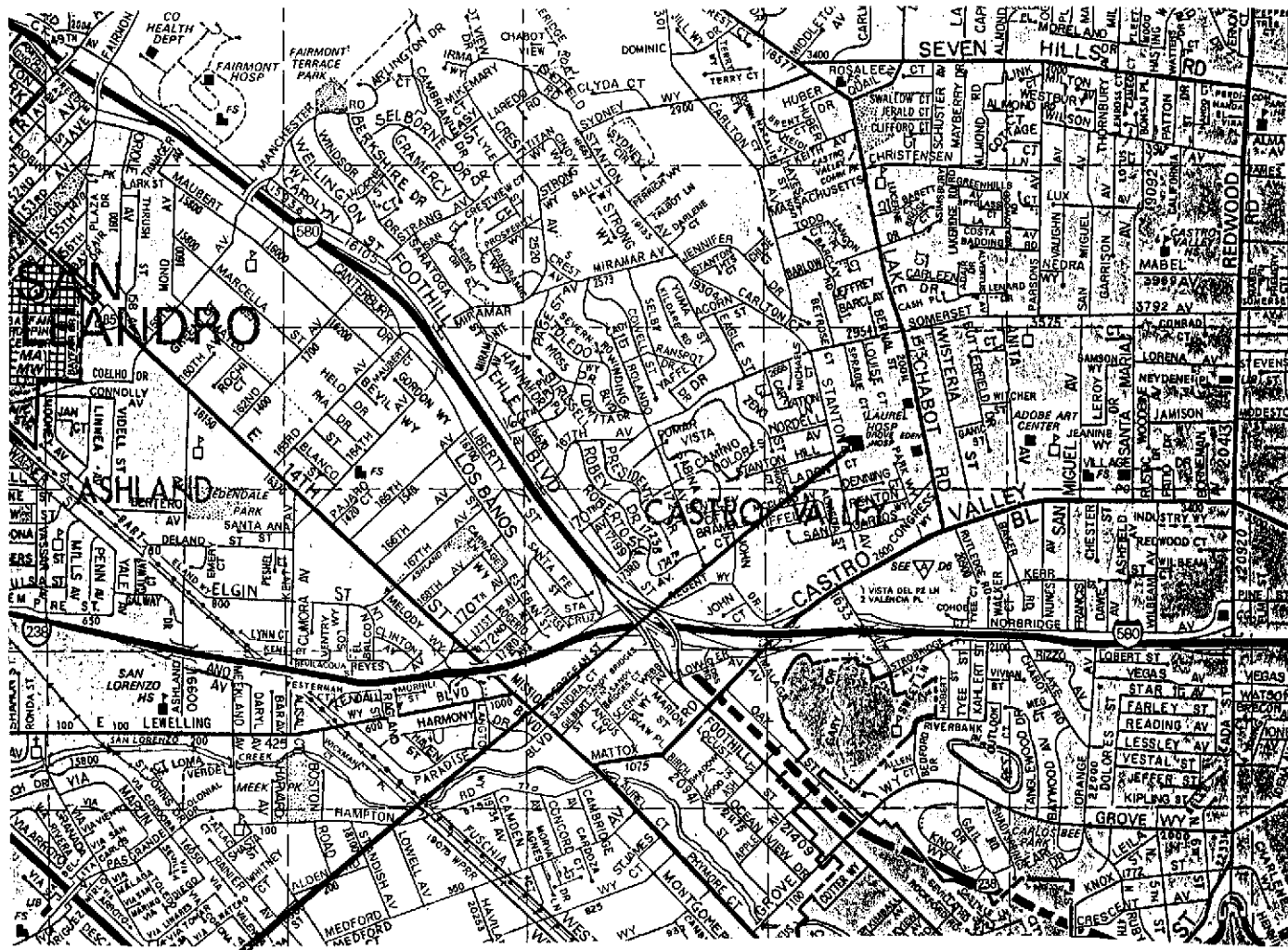
Unauthorized persons are not to be permitted in a crane cab or on a crane at any time. All unattended equipment shall be guarded against operation by unauthorized persons, signals to the operator of the equipment shall be given by a designated person.

Cranes, derricks, hoists or other equipment shall not be used for side pulls or lifts that would affect the stability or overstress the equipment.

Hoisting equipment shall be loaded so that the load is in a stable position and does not exceed the designated safe load. Loads shall be test lifted, brakes checked, and slings readjusted when required, to check the stability and safety of the lift.

Outriggers, when provided, shall be used for the stability and safe operation of the equipment. The operator shall personally check that the outriggers have been properly placed and blocked in position.

A mobile or overhead traveling crane, hoist, or shovel shall not be operated unless the gong or other effective warning device is in suitable operating condition. Equipment surfaces



HOSPITAL LOCATION

EDEN HOSPITAL 20103 LAKE CHABOT ROAD CASTRO VALLEY, CALIFORNIA (510)537-1234		
SCALE:	APPROVED BY:	DRAWN BY
DATE:		REVISED
NEAREST HOSPITAL		
		DRAWING NUMBER

and walkways shall be maintained free of oil, grease, or debris, and, where necessary, non-slip material shall be used.

Wire rope, under tension, shall not be guided by the hands or feet. Employees shall avoid standing or passing under suspended loads. Extreme care shall be exercised in the selection, inspection, and use of chains.

Precautions in dealing with wire rope slings:

- Do not use knots to make slings.
- Pad or block sharp corners.
- Do not jerk loads. lift and lower loads slowly.
- Use slings of adequate capacity. Consult the charts.
- Know how much weight you are lifting.

#### EMERGENCY RESPONSE (29 CFR 1910.151)

In the event of an emergency such as a sickness, injury or fire, the following procedures will be followed:

- Emergency procedures will be initiated by the first person recognizing the emergency situation. This person shall immediately notify the VCI site representative.
- The designated VCI First Aid/CPR provider and a project member shall provide assistance to any injured or sick employee. In the case of suspected release of toxic material, these personnel shall first don protective suites and self-contained breathing apparatus. The injured employee will first be moved to a safe location, before any attempt at treatment is made.
- A project member or other responsible person will notify appropriate government agencies or individuals.

1. Police, Fire, or Ambulance emergency: 911
2. Nearest Emergency Hospital: (510) 537-1234  
Eden Hospital  
20103 Lake Chabot Road  
Castro Valley, California
3. Alameda County (510) 567-6700  
Department of Environmental Health  
Hazardous Materials Division  
1131 Harbor Bay Parkway, 2nd Floor  
Alameda, California 94502
4. Poison Control (209) 445-1222
5. Office of Emergency Service (800) 852-7550

- |                  |               |
|------------------|---------------|
| 6. Chemtrec      | (800)424-9300 |
| 7. EPA Region 9  | (415)974-8153 |
| 8. HHS Region 9  | (415)556-7260 |
| 9. OSHA Region 9 | (415)556-3782 |

Any injuries or incidents which have the potential to result in an injury will be recorded by the VCI site representative on the supervisor's employee injury report form. This form, when completed by the site representative, shall be forwarded to the VCI project manager, and to the VCI. Corporate Health and Safety Department.

#### PERSONAL PROTECTIVE EQUIPMENT OSHA 29 CFR 1910

The following items represent some common health and safety issues that may need to be addressed prior to initiating hazardous work activities. In particular, included in this " Site and Safety Plan " are excerpts from Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities in reference to PPE ( Personal Protective Equipment ).

##### Eye and Face Protection (29 CFR 1910.133)

Eye and face protection is required when there is the potential for on-site injury. Particular information on goggle, spectacles, and face protection is provided to all employees and covered in the initial 40 hour training and reviewed in the annual re-training program for all employees of VCI of California. All sub-contractors must meet the minimum safety requirements and training as accepted by VCI of California Health Safety Coordinator (HSC).

All employees are to wear protective eye wear and or face shields when entering the work site area, eye protection is provided to all employees by the health and safety coordinator for each particular work site.

##### Occupation Head Protection (29 CFR 1910.135)

On-site situations requiring head protection include: presence of overhead objects, on-site operations of heavy equipment, potential for flying objects in the work area, and possible electrical shock hazards. All employees and site personal are required to wear head gear protection that affords limited protection from electric shock and burn and meets ANSI Z89.1-1969 specifications.

**Occupational Foot Protection (29 CFR 1910.136)**

All employees and or site personal shall be required to wear safety toe footwear meeting ANSI Z41.1-1967 for Men's Safety-Toe Footwear. In, general workers at hazardous waste sites must wear leather or rubber boots with steel toes and steel shanks.

**Personal Protective Equipment (PPE), (29 CFR 1910)**Selection of Respiratory Equipment

As previously discussed, air purification respirators will be used when ambient levels of fuel constituents reach levels over 300 parts per million on a eight hour basis, and or exceed 500 parts per million in a 15 minute period. Air-purifying respirators consist of a facepiece and an air-purifying device, which is either a removable component of the facepiece or an air-purifying apparatus worn on a body harness and attached to the facepiece by a corrugated breathing hose. Air-purifying respirators selectively remove specific airborne contaminates from ambient air by filtration, absorption, adsorption, or chemical reactions.

They are approved for use in atmospheres containing specific chemicals up to designated concentrations, and not for IDLH atmospheres. Air-purifying respirators have limited use at hazardous waste sites and can be used only when the ambient atmosphere contains sufficient oxygen (19.5%). Selection of the proper chemical absorbant cartridge for constituents encountered at the work site is necessary for proper protection of the wearer. Additionally most chemical sorbent canisters are imprinted with an expiration date. They may be used up to that date as long as they were not opened previously. Once opened, they begin to sorb humidity and air contaminates whether or not they are in use. Their efficiency and service life decreases and therefore they should be used immediately.

Selection of Protective Clothing and Accessories

The individual components of clothing and equipment will be assembled into a full protective ensemble that both protects the worker from the site-specific hazards and minimizes the hazards and drawbacks of the PPE ensemble itself. Following are the levels of protection with recommened equipment, protection provided, when level should be used and limiting critereaa. Level D and Level C are most common levels of protection required in the scope of work anticipated, Level B is not anticipated but is included in following Table



## SAMPLE PROTECTIVE ENSEMBLES

LEVEL OF PROTECTION	EQUIPMENT	PROTECTION PROVIDED	SHOULD BE USED WHEN:	LIMITING CRITERIA
B	<p><b>RECOMMENDED:</b></p> <ul style="list-style-type: none"> <li>• Pressure-demand, full-facepiece SCBA or pressure-demand supplied-air respirator with escape SCBA.</li> <li>• Chemical-resistant clothing (overalls and long-sleeved jacket; hooded, one- or two-piece chemical splash suit; disposable chemical-resistant one-piece suit).</li> <li>• Inner and outer chemical-resistant gloves.</li> <li>• Chemical-resistant safety boots/shoes.</li> <li>• Hard hat.</li> <li>• Two-way radio communications.</li> </ul> <p><b>OPTIONAL:</b></p> <ul style="list-style-type: none"> <li>• Coveralls.</li> <li>• Disposable boot covers.</li> <li>• Face shield.</li> <li>• Long cotton underwear.</li> </ul>	<p>The same level of respiratory protection but less skin protection than Level A.</p> <p>It is the minimum level recommended for initial site entries until the hazards have been further identified.</p>	<ul style="list-style-type: none"> <li>• The type and atmospheric concentration of substances have been identified and require a high level of respiratory protection, but less skin protection. This involves atmospheres: <ul style="list-style-type: none"> <li>– with IDLH concentrations of specific substances that do not represent a severe skin hazard;</li> <li>or</li> <li>– that do not meet the criteria for use of air-purifying respirators.</li> </ul> </li> <li>• Atmosphere contains less than 19.5 percent oxygen.</li> <li>• Presence of incompletely identified vapors or gases is indicated by direct-reading organic vapor detection instrument, but vapors and gases are not suspected of containing high levels of chemicals harmful to skin or capable of being absorbed through the intact skin.</li> </ul>	<ul style="list-style-type: none"> <li>• Use only when the vapor or gases present are not suspected of containing high concentrations of chemicals that are harmful to skin or capable of being absorbed through the intact skin.</li> <li>• Use only when it is highly unlikely that the work being done will generate either high concentrations of vapors, gases, or particulates or splashes of material that will affect exposed skin.</li> </ul>
C	<p><b>RECOMMENDED:</b></p> <ul style="list-style-type: none"> <li>• Full-facepiece, air-purifying, canister-equipped respirator.</li> <li>• Chemical-resistant clothing (overalls and long-sleeved jacket; hooded, one- or two-piece chemical splash suit; disposable chemical-resistant one-piece suit).</li> <li>• Inner and outer chemical-resistant gloves.</li> <li>• Chemical-resistant safety boots/shoes.</li> <li>• Hard hat.</li> <li>• Two-way radio communications.</li> </ul> <p><b>OPTIONAL:</b></p> <ul style="list-style-type: none"> <li>• Coveralls.</li> <li>• Disposable boot covers.</li> <li>• Face shield.</li> <li>• Escape mask.</li> <li>• Long cotton underwear.</li> </ul>	<p>The same level of skin protection as Level B, but a lower level of respiratory protection.</p>	<ul style="list-style-type: none"> <li>• The atmospheric contaminants, liquid splashes, or other direct contact will not adversely affect any exposed skin.</li> <li>• The types of air contaminants have been identified, concentrations measured, and a canister is available that can remove the contaminant.</li> <li>• All criteria for the use of air-purifying respirators are met.</li> </ul>	<ul style="list-style-type: none"> <li>• Atmospheric concentration of chemicals must not exceed IDLH levels.</li> <li>• The atmosphere must contain at least 19.5 percent oxygen.</li> </ul>
D	<p><b>RECOMMENDED:</b></p> <ul style="list-style-type: none"> <li>• Coveralls.</li> <li>• Safety boots/shoes.</li> <li>• Safety glasses or chemical splash goggles.</li> <li>• Hard hat.</li> </ul> <p><b>OPTIONAL:</b></p> <ul style="list-style-type: none"> <li>• Gloves.</li> <li>• Escape mask.</li> <li>• Face shield.</li> </ul>	<p>No respiratory protection. Minimal skin protection.</p>	<ul style="list-style-type: none"> <li>• The atmosphere contains no known hazard.</li> <li>• Work functions preclude splashes, immersion, or the potential for unexpected inhalation of or contact with hazardous levels of any chemicals.</li> </ul>	<ul style="list-style-type: none"> <li>• This level should not be worn in the Exclusion Zone.</li> <li>• The atmosphere must contain at least 19.5 percent oxygen.</li> </ul>

## SAMPLE HANDLING PROCEDURES

Soil and groundwater samples will be package carefully to avoid breakage or contamination, and will be delivered to the laboratory at proper storage temperatures. The following sample packaging requirements will be followed.

- . Sample bottle/sleeve lids will not be mixed. All sample lids will stay with original containers and have custody seals affixed to them.
- . Samples will be secured in coolers to maintain custody, control temperatures, and prevent breakage during transportation to the laboratory.
- . A chain-of-custody form will be completed for all samples and accompany the sample cooler to the laboratory.
- . Ice, blue ice, or dry ice will be used to keep samples at a constant temperature during transport to the laboratory.
- . Each sample will be identified by affixing a pressure sensitive, gummed label, or standardized tag on the container(s). This label will contain the site identification, sample identification number, date and time of sample collection, and the collector's initials.

All groundwater sample containers will be precleaned and will be obtained from a State Department of Health Services certified analytical laboratory.

Sample Control/Chain-of-Custody: All field personnel will refer to this work plan to verify the methods to be employed during sample collection. All sample gathering activities will be recorded in the site logbook; all sample transfers will be documented in the site logbook; samples are to be identified with VCI labels and all sample bottles are to be custody-sealed. All information is to be recorded in waterproof ink. All VCI field personnel are personally responsible for sample collection and the care and custody of collected samples until the samples are transferred or properly dispatched.

The custody record will be completed by the field technician who has been designated by the VCI project manager as being responsible for sample shipment to the appropriate laboratory. The custody record will include, among other things, the following information: site identification, name of person collecting the samples, date and time samples were collected, type of sampling conducted (composite/grab), location of sampling station, number and type of containers used, and signature of the VCI person relinquishing samples to a non-VCI person with the date and time of transfer noted. The relinquishing individual will also put all the specific shipping data on the custody record.

Site log books will be maintained by a designated VCI field employee to record, for each sample, site identification, sampling locations, station number, dates, times, sampler's name, designation of the samples as a grab or composite, notation of the type of sample (e.g. groundwater, soil boring, etc.), preservatives used, on-site measurement data, and observations or remarks.



Environmental Services • General Engineering Contractor • Hazardous • Lic. #487537

FAX TRANSMITTAL

RE: CERTIFICATION  
TO: SCOTT SEERY  
COMPANY: ALAMEDA HEALTH  
FROM: MERLIN BOWEN

MESSAGE: FOLLOWING ARE RECORDS FOR ADRIAN  
ARDELEAU, MERLIN BOWEN (REFEREE, 1983)  
I AM LOOKING FOR 8 HR SUPERVISOR TRAINING  
WHICH I TOOK IN 1992) I HAD THE JOB OF  
TEACHING THE REFEREE COURSE IN 1994.  
I ALSO INCLUDED ACC ENVIRONMENTALS  
REPRESENTATIVES CERTIFICATION.

THANKS  
Merlin

DATE: 4/11/95

NUMBER OF PAGES TRANSMITTED: 11



Environmental Services • General Engineering Contractor • Hazardous • Lic. #487537

Alameda County Health Agency  
Division of Hazardous Materials  
Department of Environmental Health  
1131 Harbor Bay Parkway, Suite 250  
Attn: Inspector Scott Seery

Dear Scott;

As per our conversation, following is a description of our in-house 8 hour re-training program for employees and supervisors all ready certified with 29 CFR 40 Hour Hazardous Site Certification.

We are a tank installation, tank removal and contaminated soil remediation company. After years of attending various training classes, our personnel were not receiving training that was strictly for our line of work.

Therefore, in the spring of 1994, it was determined that personell, who were all-ready 29 CFR 40 hour HAZ. certified would recieve yearly re-training by VCI of California.

I do the re-training for all company personel as the Companys Health Safety Officer ( HSO), I've implemented the Company's Site Safety Program, since his joining VCI of California, in March of 1990. I visit each site before workers are permitted and revise the Site Safety Plan to meet the hazards for that particular site.

My background includes extensive underground mine safety, first aid, mine gases and mine rescue training and was certified as a Mine Fireboss and Mine Foreman in the State of Utah. I have completed studies, from the University of California, Santa Cruz, in Regulatory Framework for Toxic and Hazardous Materials and in Principles of Hazardous Materials Management. I hold certificates of training as per 29 CFR 40 hour Health and Safety, 8 hour Supervisory Training, State of California Underground Storage Tank Installation certification and Highway grading and excavation certification.

VCI's re-training course covers " Site Health and Safety Plan " ( which includes information as per 29 CFR. sec. 1910.1200 (h)(i)-(iii), National Standards review, specific safety issues which includes...Health and Safety Orders, MSDS Sheets, Regulatory Agencies, Accident Prevention, Permitting, Personal Protection, Ladder Safety, Excavation, Trenches and Earth-Work, Electrical Safety, Compressors, Portable Compressors, Traffic Safety and Control, Construction Safety Orders, Hazard Characterization and Risk Analysis, Site Preparation, and CAL OSHA inspections.

I would like to extend an invitation to you to sit in our next re-training session.  
Sincerely,



Merlin N. Bowen  
Principal

Merlin N. Bowen  
Crowley Court  
Tracy, California 94576  
Tele: (209) 832-4595

April 11, 1995

**EDUCATION:**

Covenant Environmental, completed 29 CFR 8-hour Supervisory course certification.

U.C. Santa Cruz, completed course in Introduction to Hazardous Materials.

U.C. Santa Cruz, completed course in Environmental Law and Regulations.

S.C.S. Engineers, completed certification in 29 CFR 40 Hour Training.

U.C. Riverside, received certification in installation of USTS, State of California.

State of Utah, completed certification in highway excavation.

State of Utah, Bureau of Mines Division, College of Eastern Utah, Mine Foremen Certification.

State of Utah, Bureau of Mines Division, College of Eastern Utah, Mine Fireboss Certification.

College of Eastern Utah, Associate Degree in English Literature, minored in Physical Education.

East Carbon High School, High School Diploma, State of Utah. Honor Student.

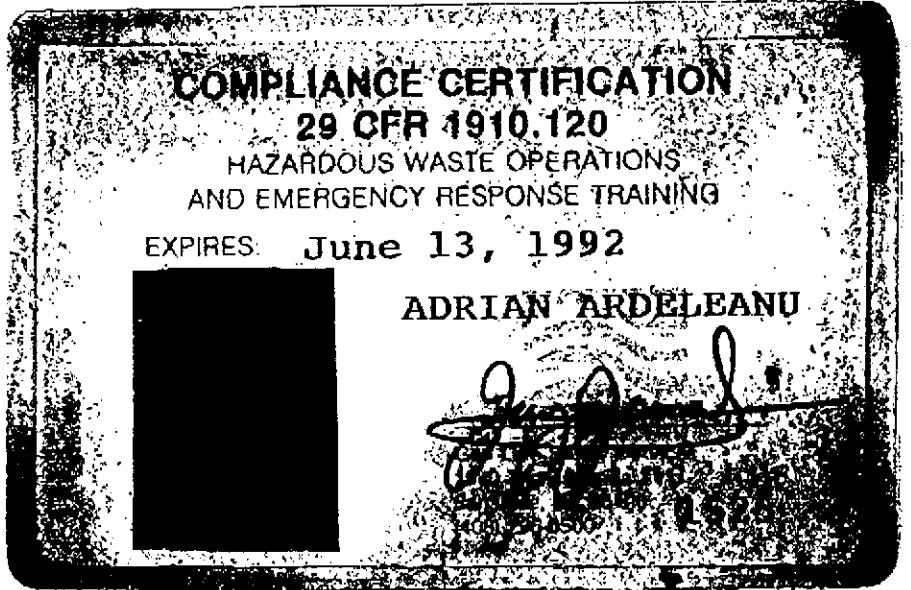
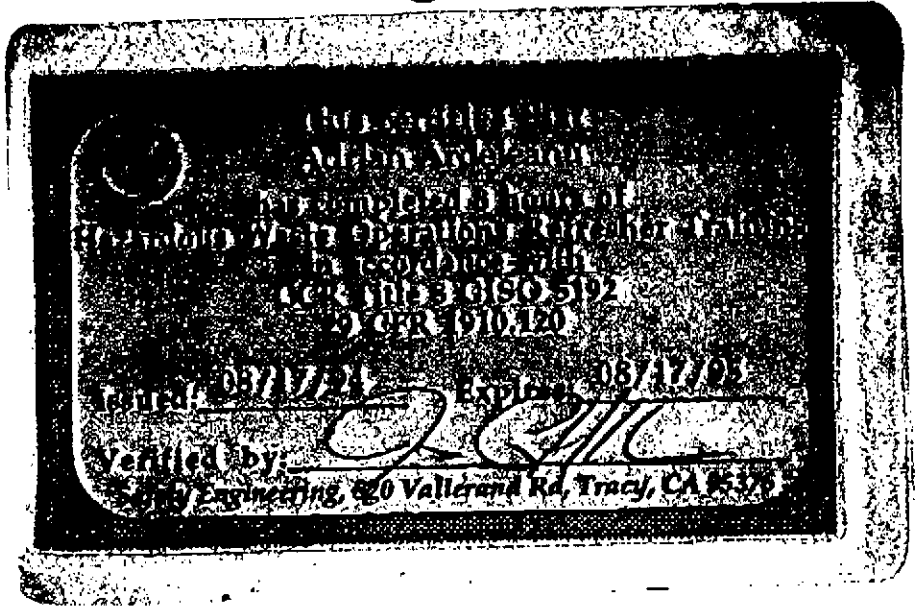
**EMPLOYMENT HISTORY**

VCI of California, 753 Peralta Ave., San Leandro, CA.  
( March 1990 - Present ) Safety Officer, Operations Supervisor, Project Director. Currently Vice President and Principal.

Clean Fuels, Inc. 1086 E. Bessemere Street, Manteca, CA.  
( November 1988 - March 1990 )  
General Manager in underground and above ground fuel cleaning and maintenance.

Western Quality Concrete, 230 E. 400 S., Mapleton, Utah.  
( September 1987 - August 1989 )  
Field technician, and equipment operator.

Utah Power and Light, 3400 S. Main, Huntington, Utah.  
( April 1979 - June 1986 )  
Mine Fireboss, equipment operator, safety crew member in coal mining industry.





**COVENANT ENVIRONMENTAL TRAINING**

P.O. BOX 1006 • LOTUS, CALIFORNIA 95651

(916) 626-0918

This is to certify that

**MERLIN BOWEN**

*8 HOUR EPA/OSHA HAZWASTE OPERATIONS REFRESHER*

has completed and satisfactorily  
passed the exam for the EPA/OSHA accredited  
Hazardous Waste Operation Training Course  
in accordance with  
40 and 29 Code of Federal Regulation.

*June 1993*

Exam Date

*Craig Wright*

Course Instructor

*69301*

Certificate Number

**OSHA 29 CFR 1910.120 P00125**  
**Certificate of Training**  
**Misty C. Yelton**  
 523-27-2136

has met the 40 hour Initial Training requirement  
 for the Hazardous Waste Operations &  
 Emergency Response

*[Signature]*

Acknowledgement      Expiration : 10/90  
 Occupational Health & Safety Group, Inc.

**COMPLIANCE CERTIFICATION**  
**29 CFR 1910.120**  
 HAZARDOUS WASTE OPERATIONS  
 AND EMERGENCY RESPONSE TRAINING  
 EXPIRES: **October 23, 1991**



**MISTY YELTON**  
*[Signature]*  
 Geo Line Safety Services  
 1940 The Alameda  
 San Jose, CA 95128      **1265R**  
 (408) 296-0500


**8 HOUR REFRESHER**  
**October 23, 1990**

**HAZARDOUS WASTE SITE OPERATION  
 TRAINING**

This card certifies that  
**Misty Kaltreider**

---

has completed eight hours of  
 Annual Refresher Training  
 for  
 Hazardous Waste Site Operation  
 in accords to 29 CFR 1910.120

**ENVIRONMENTAL & SAFETY RESOURCES** 

500 Laurelwood Rd., Suite 1  
 Santa Clara, CA 95054

ESR Program Certification #: **S91-433**

Expiration Date: **November 14, 1992**

Verified By: *[Signature]*

# CERTIFICATE OF COMPLETION

*This Is to Certify That*

## Misty Kaltreider

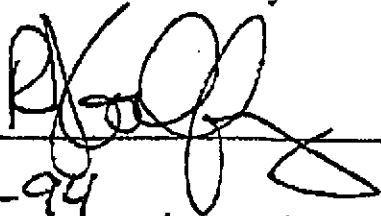
*Has Successfully Completed a Training Session On*  
**Hazardous Materials (Haz Wopper) Worker Safety**  
**8-Hour O.S.H.A. Annual Refresher Course**  
**(29 CFR 1910. 120)**

- Hazardous Waste Regulations
- Chemical Incompatibility & Waste
- Respiratory Protection
- Decontamination Methodologies
- Site Safety - Drilling & Sampling
- Confined Space Entry
- Trenching & Shoring
- Accident Protection
- Construction Field Safety

- Basic Toxicology
- Physical Hazards
- Personal Exposure Hazards
- Protective Clothing
- Site Safety - Tank Removal
- General Safety - O.S.H.A. SB 198
- Compressed Gasses - Safety
- Asbestos Safety

Date:

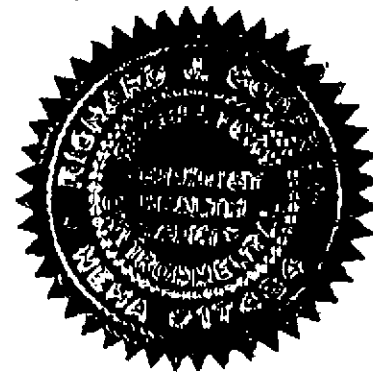
3-14-94



Instructor:

**American Compliance Services, Inc.**

1111 Alameda Avenue, Suite 300 • San Leandro, CA 94577



# CERTIFICATE OF SAFETY TRAINING

## DAVE DEMENT

has successfully completed the

### SAFETECH

Hazardous Waste Operations and Emergency Response  
29 CFR 1910.120 and GISO 5192  
8 Hour Recertification Training Course

August 17, 1994

*Jay Jamali*  
Training Director

8662  
Certificate Number



SAFETECH 3062 Armdale Court, San Jose, CA 95148

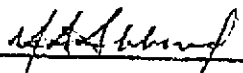
Expires: 08/17/95

APR-11-95 TUE 04:40 PM VCI OF CAL. ACC ENVIRONMENTAL P.03  
510 568 2218 P.10  
5682218 P.03  
TO

# CERTIFICATE OF TRAINING OSHA - SARA

**DAVID DeMENT**

Has Met The 40 Hour Initial Training Requirement Under OSHA  
Standard, 29CFR1910.120 Hazardous Waste Operations And  
Emergency Response

  
ACKNOWLEDGEMENT

Occupational Health & Safety Group, Inc.

AUGUST 1, 1991

DATE

CERTIFICATE OF TRAINING  
PRESENTED TO

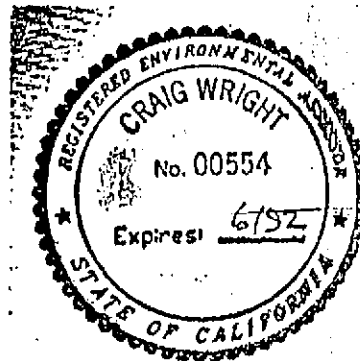
Verl Rothlisberger

FOR HAVING SUCCESSFULLY COMPLETED  
A TRAINING COURSE IN

40 HOURS OF HAZARDOUS MATERIALS MANAGEMENT...29 CFR 1910.120

PRESENTED BY

COVENANT ENVIRONMENTAL



Craig Wright

Coordinating Trainer

JULY 1991

Date

# CERTIFICATE OF TRAINING

Merlin Bowen

has successfully completed a course of instruction for

**40 Hour Health and Safety  
Training Program For  
Hazardous Waste Site Activities**

**SCS ENGINEERS**

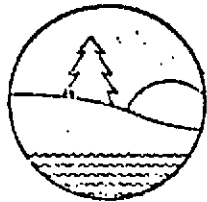
Environmental Consultants

Date May 10, 1990

Instructor



Charles Monroe



# Environmental Health Consultants

## Certificate of Completion

Steven M. Elms

has successfully completed a forty hour course in health and safety for hazardous waste site operations as required by 29 CFR 1910.120 (e) 3 (i).

October 12, 13, 19 & 20, 1990 Hayward, Ca.

Course Date and Location

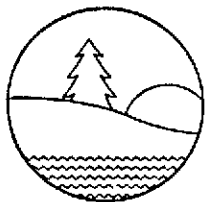
Instructor

Doreen J. Lanelli, CIAA

Instructor



B 1187



# Environmental Health Consultants

## Certificate of Completion

*George R. Nihau*

has successfully completed a forty hour course in health and safety for hazardous waste site operations as required by 29 CFR 1910.120 (e) 3 (i).

*October 12, 13, 19 & 20, 1990 Hayward, Ca.*

Course Date and Location

Instructor

*Drene J. Fanelli, CIH*

Instructor

# CERTIFICATE OF TRAINING

PRESENTED TO

*STEVEN ELMS*

FOR HAVING SUCCESSFULLY COMPLETED A TRAINING  
COURSE IN  
8 Hours Of Hazardous Waste Retraining

Presented By  
V.C.I. Of California

Coordinating Trainer:

*Merlin Bow*

Date:

*JULY 22, 1994*

# CERTIFICATE OF TRAINING

PRESENTED TO

*GEORGE NIHAU*

FOR HAVING SUCCESSFULLY COMPLETED A TRAINING  
COURSE IN  
8 Hours Of Hazardous Waste Retraining

Presented By  
V.C.I. Of California

Coordinating Trainer:

*Merlin Bowen*

Date

*JULY 22, 1994*

# CERTIFICATE OF TRAINING

PRESENTED TO

*VERL K. ROTH LISBERGER*

FOR HAVING SUCCESSFULLY COMPLETED A TRAINING -  
COURSE IN  
8 Hours Of Hazardous Waste Retraining

Presented By  
V.C.I. Of California

Coordinating Trainer

*Meilin Bawes*

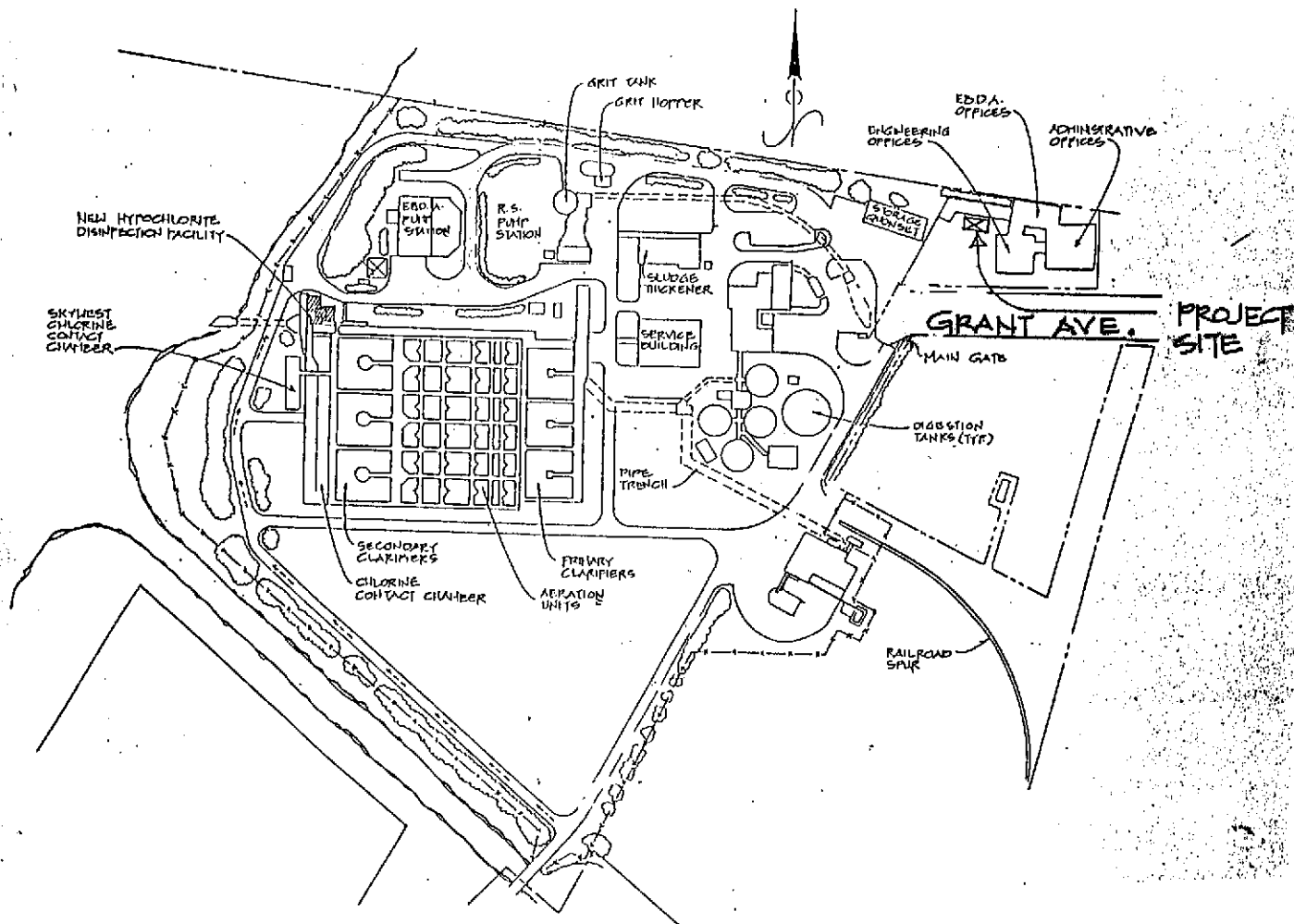
Date

*JULY 22, 1994*



MAP LOCATION

<p>OROLOMA SANITARY DISTRICT          2600 GRANT AVENUE          SAN LORENZO, CA. 94580 (510)276-4700</p>		
SCALE:	APPROVED BY:	DRAWN BY
DATE:		REVISED
<p>SITE MAP</p>		
		DRAWING NUMBER



OROLOIMA SANITARY DISTRICT  
 2600 GRANT AVENUE  
 SAN LORENZO, CALIFORNIA (510) 276-4700

SCALE:	APPROVED BY:	DRAWN BY
DATE:		REVISED
PROJECT SITE		
		DRAWING NUMBER

STATE OF CALIFORNIA  
STATE AND CONSUMER SERVICES AGENCY CONTRACTORS STATE LICENSE BOARD



*Building Quality*



## HAZARDOUS SUBSTANCES REMOVAL AND REMEDIAL ACTIONS CERTIFICATION

Pursuant to the provisions of Section 7058.7 of the Business and Professions Code, the Registrar of Contractors does hereby certify that the following qualifying person has successfully completed the hazardous substances removal and remedial actions examination.



Qualifier: VERL K. ROTH LISBERGER

License No.: 487537

Namestyle: VERLS CONSTRUCTION INC.

WITNESS my hand and official seal this  
30th day of DECEMBER 1988

*J. M. Alonzo*  
Registrar of Contractors

13L-36 (1/88)

This certification is the property of the Registrar of Contractors, is not transferable, and shall be returned to the Registrar upon demand when suspended, revoked, or invalidated for any reason.

A1659

State of California  
Contractors State License Board

Pursuant to Chapter 9 of Division 3 of the Business and Professions Code  
and the Rules and Regulations of the Contractors State License Board,  
the Registrar of Contractors does hereby issue this license to:

V C I OF CALIFORNIA * VERL'S CONSTRUCTION INC



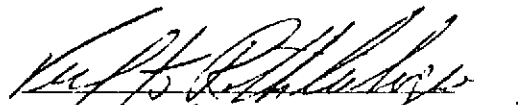
to engage in the business or act in the capacity of a contractor  
in the following classification(s):

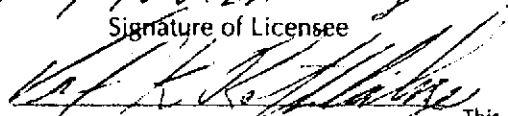
- A - General Engineering Contractor
- B - General Building Contractor
- HAZ - Hazardous Substances Removal

Witness my hand and seal this day,

October 10, 1990

Issued February 25, 1986  
CERTIFIED COPY

  
Signature of Licensee

  
Signature of License Qualifier

This license is the property of the Registrar of Contractors, is not  
transferrable, and shall be returned to the Registrar upon demand  
when suspended, revoked, or invalidated for any reason. It becomes  
void if not renewed.



  
Registrar of Contractors

487537

License Number



**STATE  
COMPENSATION  
INSURANCE  
FUND**

P.O. BOX 420807, SAN FRANCISCO, CA 94142-0807

**CERTIFICATE OF WORKERS' COMPENSATION INSURANCE**

APRIL 5, 1995

POLICY NUMBER: 1540530-95  
CERTIFICATE EXPIRES: 4-1-96

COUNTY OF ALAMEDA  
DEPT. OF HEALTH - HAZARDOUS MATERIALS  
1131 HARBOR SAN BAY STE 290  
ALAMEDA CA 94502

This is to certify that we have issued a valid Workers' Compensation insurance policy in a form approved by the California Insurance Commissioner to the employer named below for the policy period indicated.

This policy is not subject to cancellation by the Fund except upon ten days' advance written notice to the employer.

We will also give you TEN days' advance notice should this policy be cancelled prior to its normal expiration.

This certificate of insurance is not an insurance policy and does not amend, extend or alter the coverage afforded by the policies listed herein. Notwithstanding any requirement, term, or condition of any contract or other document with respect to which this certificate of insurance may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions and conditions of such policies.

  
PRESIDENT

EMPLOYER'S LIABILITY LIMIT INCLUDING DEFENSE COSTS 40,000,000 PER OCCURRENCE

EMPLOYER

VOI OF CALIFORNIA  
755 PERALTA AVE  
SAN LEONARDO CA 94577



Environmental Services • General Engineering Contractor • Hazardous • Lic. #487537

FAX TRANSMITTAL

RE: DUBLONA SANITARY DISTRICT

TO: MS. AMY LEECH

COMPANY: _____

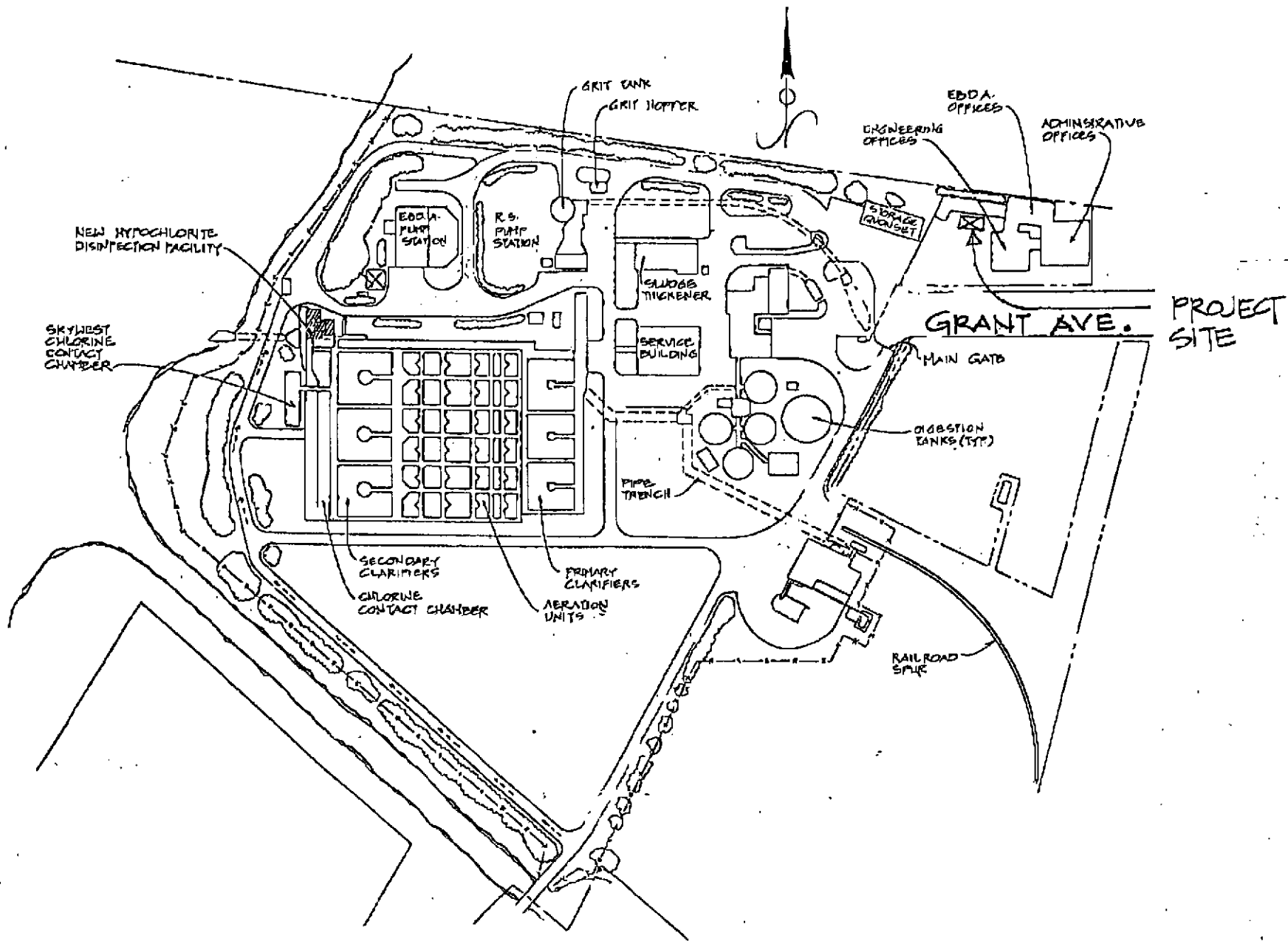
FROM: IRENE

MESSAGE: _____

_____  
_____  
_____  
_____  
_____  
_____  
_____  
_____  
_____  
_____

DATE: 4/18/95

NUMBER OF PAGES TRANSMITTED: 2



A
**SITE PLAN**  
 SCALE: 1" = 200'

STATE OF CALIFORNIA  
STATE WATER RESOURCES CONTROL BOARD  
**UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A**



COMPLETE THIS FORM FOR EACH FACILITY/SITE

<b>MARK ONLY ONE ITEM</b>	<input checked="" type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input type="checkbox"/> 7 PERMANENTLY CLOSED SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY SITE CLOSURE	

**I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)**

DRA OR FACILITY NAME OROLOMA SANITARY DISTRICT		NAME OF OPERATOR MR. MIKE CORTEZ		
ADDRESS 2600 GRANT AVENUE		NEAREST CROSS STREET WASHINGTON STREET	PARCEL # (OPTIONAL)	
CITY NAME SAN LORENZO		STATE CA	ZIP CODE 94580	SITE PHONE # WITH AREA CODE 510-276-4700
<input checked="" type="checkbox"/> BOX TO INDICATE <input type="checkbox"/> CORPORATION <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> PARTNERSHIP <input checked="" type="checkbox"/> LOCAL AGENCY DISTRICTS* <input type="checkbox"/> COUNTY AGENCY* <input type="checkbox"/> STATE AGENCY* <input type="checkbox"/> FEDERAL AGENCY*				
* If owner of UST is a public agency, complete the following: name of Supervisor of division, section, or office which operates the UST <u>Mike Cortez/ Engineering</u>				
TYPE OF BUSINESS		<input type="checkbox"/> 1 GAS STATION	<input type="checkbox"/> 2 DISTRIBUTOR	<input type="checkbox"/> 3 FARM
		<input type="checkbox"/> 4 PROCESSOR	<input checked="" type="checkbox"/> 5 OTHER	
		<input type="checkbox"/> IF INDIAN RESERVATION OR TRUST LANDS	# OF TANKS AT SITE 1	E. P. A. I. D. # (optional) CAL000065728

**EMERGENCY CONTACT PERSON (PRIMARY)**

**EMERGENCY CONTACT PERSON (SECONDARY) - optional**

DAYS: NAME (LAST, FIRST) Mike Cortez		PHONE # WITH AREA CODE 510-276-4700		DAYS: NAME (LAST, FIRST) John Sutton		PHONE # WITH AREA CODE 510-631-1688	
NIGHTS: NAME (LAST, FIRST)		PHONE # WITH AREA CODE		NIGHTS: NAME (LAST, FIRST)		PHONE # WITH AREA CODE	

**II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)**

NAME OROLOMA SANITARY DISTRICT		CARE OF ADDRESS INFORMATION		
MAILING OR STREET ADDRESS 2600 GRANT AVENUE		<input checked="" type="checkbox"/> box to indicate <input type="checkbox"/> INDIVIDUAL <input checked="" type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> STATE AGENCY <input type="checkbox"/> CORPORATION <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> COUNTY AGENCY <input type="checkbox"/> FEDERAL AGENCY		
CITY NAME SAN LORENZO		STATE CA.	ZIP CODE 94580	PHONE # WITH AREA CODE 510-276-4700

**III. TANK OWNER INFORMATION - (MUST BE COMPLETED)**

NAME OF OWNER OROLOMA SANITARY DISTRICT		CARE OF ADDRESS INFORMATION		
MAILING OR STREET ADDRESS 2600 GRANT AVENUE		<input checked="" type="checkbox"/> box to indicate <input type="checkbox"/> INDIVIDUAL <input checked="" type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> STATE AGENCY <input type="checkbox"/> CORPORATION <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> COUNTY AGENCY <input type="checkbox"/> FEDERAL AGENCY		
CITY NAME SAN LORENZO		STATE CA.	ZIP CODE 94580	PHONE # WITH AREA CODE 510-276-4700

**IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 322-9669 if questions arise.**

TY (TK) HQ   -

**V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE COMPLETED) - IDENTIFY THE METHOD(S) USED**

<input checked="" type="checkbox"/> box to indicate	<input checked="" type="checkbox"/> 1 SELF-INSURED	<input type="checkbox"/> 2 GUARANTEE	<input type="checkbox"/> 3 INSURANCE	<input type="checkbox"/> 4 SURETY BOND
	<input type="checkbox"/> 5 LETTER OF CREDIT	<input type="checkbox"/> 6 EXEMPTION	<input type="checkbox"/> 99 OTHER	

**VI. LEGAL NOTIFICATION AND BILLING ADDRESS** Legal notification and billing will be sent to the tank owner unless box I or II is checked.

CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATIONS AND BILLING: I.  II.  III.

AGENT: THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

OWNER'S NAME (PRINTED & SIGNED) by; Catherine R. Mayer <i>Catherine R. Mayer</i>	V.C.I. OF CALIFORNIA	OWNER'S TITLE Secretary	DATE MONTH/DAY/YEAR 4/10/95
-------------------------------------------------------------------------------------	----------------------	----------------------------	--------------------------------

**LOCAL AGENCY USE ONLY**

COUNTY # <input type="text" value=""/> <input type="text" value=""/>	JURISDICTION # <input type="text" value=""/> <input type="text" value=""/>	FACILITY # <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>
LOCATION CODE - OPTIONAL	CENSUS TRACT # - OPTIONAL	SUPERVISOR - DISTRICT CODE - OPTIONAL

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE PERMIT APPLICATION - FORM B, UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.

OWNER MUST FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

STATE OF CALIFORNIA  
STATE WATER RESOURCES CONTROL BOARD  
**UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B**



COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM	<input checked="" type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input type="checkbox"/> 7 PERMANENTLY CLOSED ON SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY TANK CLOSURE	<input checked="" type="checkbox"/> 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: OROLOMA SANITARY DISTRICT

**I. TANK DESCRIPTION** COMPLETE ALL ITEMS - SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # <u>UNKNOWN</u>	B. MANUFACTURED BY: <u>UNKNOWN</u>
C. DATE INSTALLED (MO/DAY/YEAR) <u>1968</u>	D. TANK CAPACITY IN GALLONS: <u>1,000 gal.</u>

**II. TANK CONTENTS** IF A-1 IS MARKED, COMPLETE ITEM C.

A. <input type="checkbox"/> 1 MOTOR VEHICLE FUEL	<input type="checkbox"/> 4 OIL	B. <input type="checkbox"/> 1 PRODUCT	C. <input type="checkbox"/> 1a REGULAR UNLEADED	<input type="checkbox"/> 3 DIESEL	<input type="checkbox"/> 6 AVIATION GAS
<input type="checkbox"/> 2 PETROLEUM	<input type="checkbox"/> 80 EMPTY	<input type="checkbox"/> 2 WASTE	<input type="checkbox"/> 1b PREMIUM UNLEADED	<input type="checkbox"/> 4 GASAHOL	<input type="checkbox"/> 7 METHANOL
<input type="checkbox"/> 3 CHEMICAL PRODUCT	<input type="checkbox"/> 95 UNKNOWN		<input checked="" type="checkbox"/> 2 LEADED	<input type="checkbox"/> 5 JET FUEL	<input type="checkbox"/> 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED _____ C. A. S. #: _____

**III. TANK CONSTRUCTION** MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM	1 DOUBLE WALL	3 SINGLE WALL WITH EXTERIOR LINER	95 UNKNOWN
	<input checked="" type="checkbox"/> 2 SINGLE WALL	<input type="checkbox"/> 4 SECONDARY CONTAINMENT (VAULTED TANK)	<input type="checkbox"/> 99 OTHER

B. TANK MATERIAL (Primary Tank)	1 BARE STEEL	2 STAINLESS STEEL	3 FIBERGLASS	4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC
	<input type="checkbox"/> 5 CONCRETE	<input type="checkbox"/> 6 POLYVINYL CHLORIDE	<input type="checkbox"/> 7 ALUMINUM	<input type="checkbox"/> 8 100% METHANOL COMPATIBLE W/FRP
	<input type="checkbox"/> 9 BRONZE	<input type="checkbox"/> 10 GALVANIZED STEEL	<input type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER

C. INTERIOR LINING	1 RUBBER LINED	2 ALKYD LINING	3 EPOXY LINING	4 PHENOLIC LINING
	<input type="checkbox"/> 5 GLASS LINING	<input type="checkbox"/> 6 UNLINED	<input checked="" type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER

IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

D. CORROSION PROTECTION	1 POLYETHYLENE WRAP	2 COATING	3 VINYL WRAP	4 FIBERGLASS REINFORCED PLASTIC
	<input type="checkbox"/> 5 CATHODIC PROTECTION	<input type="checkbox"/> 91 NONE	<input checked="" type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER

E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) unknown OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) unknown

**IV. PIPING INFORMATION** CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE	A <input checked="" type="radio"/> 1 SUCTION	A U <input type="radio"/> 2 PRESSURE	A U <input type="radio"/> 3 GRAVITY	A U <input type="radio"/> 99 OTHER
B. CONSTRUCTION	A <input checked="" type="radio"/> 1 SINGLE WALL	A U <input type="radio"/> 2 DOUBLE WALL	A U <input type="radio"/> 3 LINED TRENCH	A U <input type="radio"/> 95 UNKNOWN A U <input type="radio"/> 99 OTHER
C. MATERIAL AND CORROSION PROTECTION	A U <input type="radio"/> 1 BARE STEEL	A U <input type="radio"/> 2 STAINLESS STEEL	A U <input type="radio"/> 3 POLYVINYL CHLORIDE (PVC)	A U <input type="radio"/> 4 FIBERGLASS PIPE
	A U <input type="radio"/> 5 ALUMINUM	A U <input type="radio"/> 6 CONCRETE	A U <input type="radio"/> 7 STEEL W/ COATING	A U <input type="radio"/> 8 100% METHANOL COMPATIBLE W/FRP
	A U <input type="radio"/> 9 GALVANIZED STEEL	A U <input type="radio"/> 10 CATHODIC PROTECTION	A <input checked="" type="radio"/> 95 UNKNOWN	A U <input type="radio"/> 99 OTHER

D. LEAK DETECTION  1 AUTOMATIC LINE LEAK DETECTOR  2 LINE TIGHTNESS TESTING  3 INTERSTITIAL MONITORING  99 OTHER

**V. TANK LEAK DETECTION**

<input type="checkbox"/> 1 VISUAL CHECK	<input checked="" type="checkbox"/> 2 INVENTORY RECONCILIATION	<input type="checkbox"/> 3 VADOZE MONITORING	<input type="checkbox"/> 4 AUTOMATIC TANK GAUGING	<input type="checkbox"/> 5 GROUND WATER MONITORING
<input checked="" type="checkbox"/> 6 TANK TESTING	<input type="checkbox"/> 7 INTERSTITIAL MONITORING	<input type="checkbox"/> 91 NONE	<input type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER

**VI. TANK CLOSURE INFORMATION**

1. ESTIMATED DATE LAST USED (MO/DAY/YR) <u>1992</u>	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING <u>30</u> GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
--------------------------------------------------------	-------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) <u>V.C.I. OF CALIFORNIA</u> by: <u>Catherine R. Mayer (Secretary)</u>	DATE <u>4/10/95</u>
--------------------------------------------------------------------------------------------------------------------	------------------------

**LOCAL AGENCY USE ONLY** THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
PERMIT NUMBER	PERMIT APPROVED BY/DATE		PERMIT EXPIRATION DATE	

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.  
FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

StId 1996

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program

February 16, 1995

Alameda County CC453  
Environmental Protection Division  
1131 Harbor Bay Parkway, Room 250  
Alameda CA 94502-6577

Mike Cortez  
Oro Loma Sanitary District  
2600 Grant Ave  
San Lorenzo CA 94580

Subject: 2600 Grant Ave., San Lorenzo, CA

Dear Mr. Cortez:

We are in receipt of your letter dated February 15, 1995. Please find attached copies of the "original" Underground Storage Tank (UST) Closure Plan, dated August 26, 1993, along with UST Permit Application forms that were, also, submitted at that time.

Please note that this plan and attached paperwork was for the removal of a 1,000 gallon gasoline UST. I hope this clears up any confusion.

We look forward to receiving the "updated" UST Closure Plan on approximately March 21, 1995, as stated in your letter. Please be reminded that the UST Closure Plan must be reviewed and approved by this office prior to completing the removal.

Please call me if you have questions or require additional information.

Sincerely,

A handwritten signature in cursive script that reads "Amy Leech".

Amy Leech  
Hazardous Materials Specialist

**Attachments**

cc: John Sutton w/attachments  
The Sutton Group  
51 Shuey Dr.  
Moraga CA 94556-2620

Ed Howell



1995  
1000 Lakeview Avenue  
P.O. Box 1000  
San Francisco, CA 94115  
Telephone: (415) 774-1000  
Fax: (415) 774-1001

ORO LOMA SANITARY DISTRICT

50 FEB 17 11 2:55

BOARD OF DIRECTORS  
SANTO DOMINGO, CALIFORNIA 94502  
TELEPHONE: (415) 774-1000  
ADMINISTRATIVE: (415) 774-1001  
PLANT: (415) 774-1002

February 15, 1995

Ms. Amy Leach  
Environmental Protection Division  
Alameda County, Department of Environmental Health  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

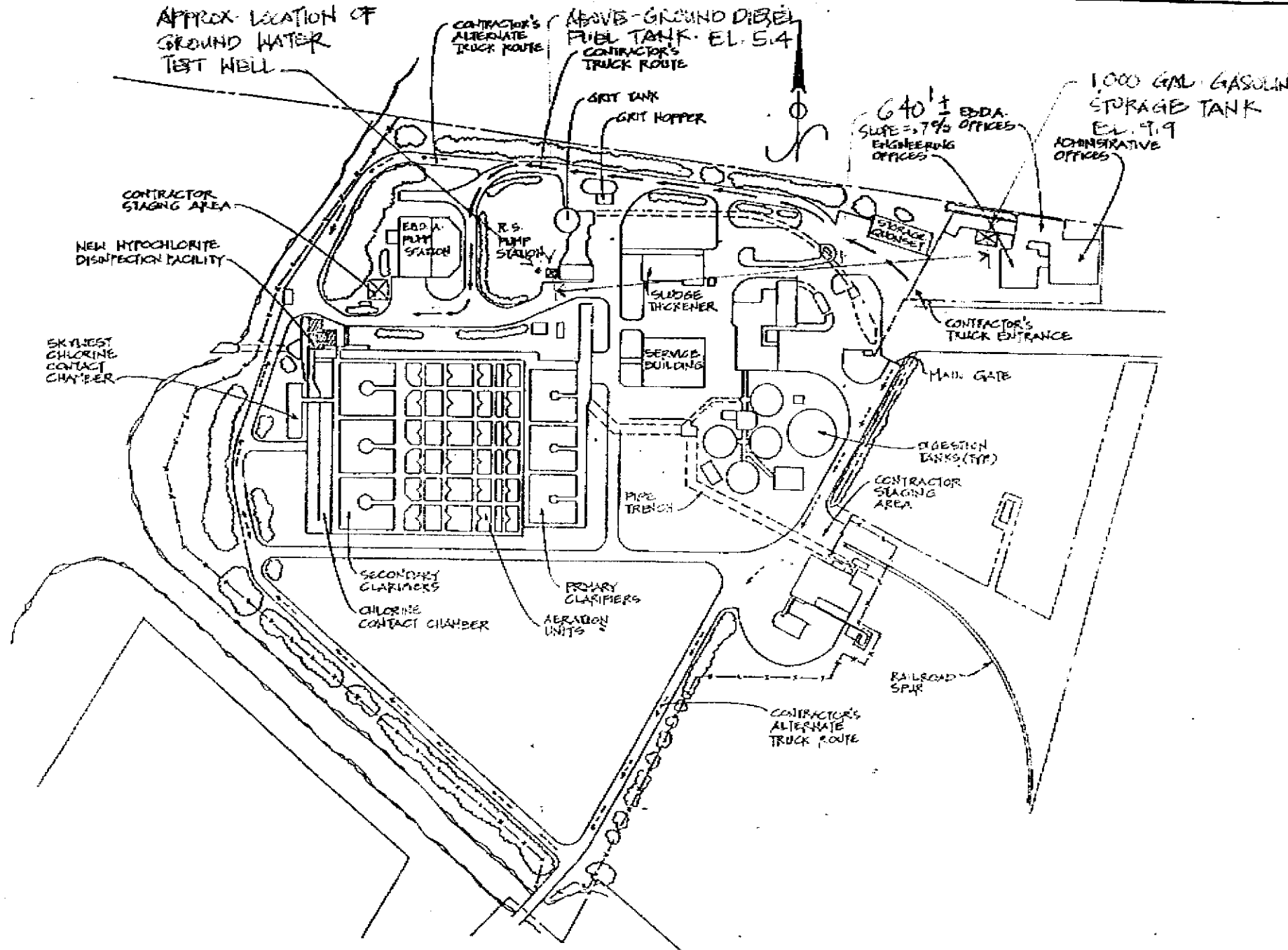
**SUBJECT: UNDERGROUND GASOLINE STORAGE TANK REMOVAL  
PROJECT STATUS REPORT (JOB NO. 45-264-03)**

Dear Ms. Leach:

The Oro Loma Sanitary District understands the concerns presented in your letter dated January 23, 1995. The District plans to remove the underground gasoline tank and clean up the soil contamination with the financial support from the California Underground Tank fund. We provide the following responses to areas of interest in your letter.

The District will remove the tank as soon as possible according to the operational guidelines set by the County. At this time, the Contract Documents have been prepared for the tank removal and are in the final stage of District review. The item has been placed on the agenda for the next Board meeting on February 21, 1995. The Board is expected to authorize to advertise the project for bid and a Public bid announcement will be placed in the newspapers as soon as possible. The process of Bid Announcement, Public Opening of Bids, Bid Review, and Selection of Bidder is followed by a request to the Board to award the contract to the selected bidder on the March 21, 1995 Board meeting. Based on this schedule, the tank removal contractor will commence work within ten (10) working days, and complete the work within fifteen (15) consecutive working days. Weather permitting, it is hoped that we will finish the tank removal by mid-April.

The scope of work in the Contract Documents consists of the removal of the tank and petroleum impacted soil in the immediate surroundings of the tank. Our original plan was to remove a majority of the identified petroleum-impacted soil in the area west of the tank, as described to you by our consultant in the January 6 phone conversation. Since that discussion, a technical review of the project has raised concern on the impact of excavation from this "source" on the District's recently constructed office building which bounds the site to the east. The excavations performed for the construction of this building and the exploratory pits dug during our recent investigation revealed



(A) SITE PLAN  
 SCALE: 1" = 200'

FEB-16-95 THU 8:28 AM ORO LOMA 415-276-1528 P.04



ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR  
DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program

ALAMEDA COUNTY                    CC4580  
DEPT. OF ENVIRONMENTAL HEALTH  
ENVIRONMENTAL PROTECTION DIVISION  
1131 HARBOR BAY PKWY., #250  
ALAMEDA CA 94502-6577

January 23, 1995

Mike Cortez  
Oro Loma Sanitary District  
2600 Grant Ave  
San Lorenzo CA 94580

StId 1996

Subject: Underground Tank Removal Plan and required  
investigations at 2600 Grant Ave., San Lorenzo, CA

Dear Mr. Cortez,

Per our telephone conversation January 6, 1995, I am awaiting your submittal of a new Underground Tank Removal Plan for the removal of a 1,000 gallon gasoline tank. You were informed by this office in a letter dated June 8, 1994, that per Alameda County Fire Code, Section 79.114(e), you are required to remove a tank within 90 days of it not being in service.

Additionally, a report submitted to this office by The Sutton Group on behalf of Oro Loma Sanitary District dated November 23, 1994, reported that Total Petroleum Hydrocarbons as gasoline (TPHg) as high as 1600 parts per million (ppm) and benzene as high as 8.8 ppm were reported to exist in subsurface soil within 50 feet of the 1,000 gallon gasoline tank. Investigations of soil and ground water in 1993 found TPHg and benzene as high as 4,300 ppm and 23 ppm, respectively for soil and 1,600 ppm and 27 ppm, respectively for ground water.

Per my telephone conversation on January 6, 1995, with your consultant, John Sutton, he has proposed to complete contaminant source reduction via on-site overexcavation at the same time the tank is removed. I indicated to him that the following items need to be submitted:

- o A new Underground Tank Closure Plan. Much of the information contained in the original plan, dated 8/26/93, has changed.
- o A workplan for the proposed source reduction.

(415) 276-4700 FAX (415) 276-1528 NAZMAT

DATE	7-20-94	JOB NO.	41-264-03
ATTENTION	JULIET SHIN		
RE:	UST UNAUTHORIZED RELEASE (USTR) REPORT		

TO ALAMOGA County DEPT. OF ENVIRONMENTAL HEALTH  
 HAZARDOUS MATERIALS DIVISION  
 1131 HARBOR BOY PKWY., 2nd FLR.  
 ALAMOGA, CA 94502-6577

WE ARE SENDING YOU  Attached  Under separate cover via _____ the following items:

- Shop drawings     Prints     Plans     Samples     Specifications  
 Copy of letter     Change order     _____

COPIES	DATE	NO.	DESCRIPTION
1			RELEASE / CONTAMINATION SITE REPORT FOR EXISTING 1,000 GAL UST.
1			RELEASE / CONTAMINATION SITE REPORT FOR THE TWO (2) 2500 GAL DIESEL FUEL TANK THAT HAS BEEN REMOVED.

THESE ARE TRANSMITTED as checked below:

- For approval     Approved as submitted     Resubmit _____ copies for approval  
 For your use     Approved as noted     Submit _____ copies for distribution  
 As requested     Returned for corrections     Return _____ corrected prints  
 For review and comment     _____  
 FOR BIDS DUE _____ 19 _____     PRINTS RETURNED AFTER LOAN TO US

REMARKS

~~_____~~  
 Pls. feel free to call me at 276-4700, ext. 131 if you have further questions.

COPY TO _____

SIGNED: _____

Michael P. Cortez

Michael P. Cortez

# 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 checked="" type="checkbox"/> YES <input 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 09/28/95		CASE # 111234		SIGNED: <i>Michael P. Cortez</i> DATE: 9/28/95		
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT MICHAEL P. CORTEZ		PHONE (510) 276 4700		SIGNATURE <i>Michael P. Cortez</i>	
	REPRESENTING <input checked="" type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME ORO LOMA SANITARY DISTRICT			
	ADDRESS 2600 GRANT AVENUE, SAN LORENZO, CA 94580					
RESPONSIBLE PARTY	NAME ORO LOMA SANITARY DIST. <input type="checkbox"/> UNKNOWN		CONTACT PERSON MICHAEL P. CORTEZ		PHONE (510) 276-4700	
	ADDRESS 2600 GRANT AVENUE, SAN LORENZO, CA 94580					
SITE LOCATION	FACILITY NAME (IF APPLICABLE) ORO LOMA SANITARY DISTRICT		OPERATOR ( )		PHONE ( )	
	ADDRESS 2600 GRANT AVENUE, SAN LORENZO, CA 94580					
	CROSS STREET WORTHLEY DRIVES					
IMPLEMENTING AGENCIES	LOCAL AGENCY AGENCY NAME ALAMEDA COUNTY ENVIRONMENTAL HEALTH SERVICES AGENCY		CONTACT PERSON JULIET SHAW		PHONE ( )	
	REGIONAL BOARD STATE WATER RESOURCES CONTROL BOARD		PHONE ( )			
SUBSTANCES INVOLVED	(1) NAME DIESEL FUEL		QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN			
	(2)		<input type="checkbox"/> UNKNOWN			
DISCOVERY/ABATEMENT	DATE DISCOVERED 09/15/95		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 COUNTY INSPECTION			
	DATE DISCHARGE BEGAN UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> CLOSE TANK & REMOVE <input checked="" type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input checked="" type="checkbox"/> REPLACE TANK <input type="checkbox"/> OTHER			
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE					
SOURCE/ CAUSE	SOURCE OF DISCHARGE <input checked="" type="checkbox"/> TANK LEAK <input 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 checked="" type="checkbox"/> CORROSION <input 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 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 checked="" type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY					
	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input checked="" type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> OTHER (OT)					
COMMENTS	EXISTING TANKS HAS BEEN REPLACED WITH ONE (1) 4000 GAL. TRIPLE WALL TANK ACCORDING TO PLANS APPROVED BY THE ALAMEDA COUNTY HEALTH SERVICES AGENCY & THE ESDEN COUNTY CONSOLIDATED FIRE AGENCY.					

## INSTRUCTIONS

### EMERGENCY

Indicate whether emergency response personnel and equipment were involved at any time. If so, a Hazardous Material Incident Report should be filed with the State Office of Emergency Services (OES) at 2800 Meadowview Road, Sacramento, CA 95832. Copies of the OES report form may be obtained at your local underground storage tank permitting agency. Indicate whether the OES report has been filed as of the date of this report.

### LOCAL AGENCY ONLY

To avoid duplicate notification pursuant to Health and Safety code Section 25180.5, a government employee should sign and date the form in this block. A signature here does not mean that the leak has been determined to pose a significant threat to human health or safety, only that notification procedures have been followed if required.

### REPORTED BY

Enter your name, telephone number, and address. Indicate which party you represent and provide company or agency name.

### RESPONSIBLE PARTY

Enter name, telephone number, contact person, and address of the party responsible for the leak. The responsible party would normally be the tank owner.

### SITE LOCATION

Enter information regarding the tank facility. At a minimum, you must provide the facility name and full address.

### IMPLEMENTING AGENCIES

Enter names of the local agency and Regional Water Quality Control Board involved.

### SUBSTANCES INVOLVED

Enter the name and quantity lost of the hazardous substance involved. Room is provided for information on two substances if appropriate. If more than two substances leaked, list the two of most concern for cleanup.

### DISCOVERY/ABATEMENT

Provide information regarding the discovery and abatement of the leak.

### SOURCE/CAUSE

Indicate source(s) of leak. Check box(es) indicating cause of leak.

### CASE TYPE

Indicate the case type category for this leak. Check one box only. Case type is based on the most sensitive resource affected. For example, if both soil and ground water have been affected, case type will be "Ground Water". Indicate "Drinking Water" only if one or more municipal or domestic water wells have actually been affected. A "Ground Water" designation does not imply that the affected water cannot be, or is not, used for drinking water, but only that water wells have not yet been affected. It is understood that case type may change upon further investigation.

### CURRENT STATUS

Indicate the category which best describes the current status of the case. Check one box only. The response should be relative to the case type. For example, if case type is "Ground Water", then "Current Status" should refer to the status of the ground water investigation or cleanup, as opposed to that of soil. Descriptions of options follow:

No Action Taken - No action has been taken by responsible party beyond initial report of leak.

Leak Being Confirmed - Leak suspected at site, but has not been confirmed.  
Preliminary Site Assessment Workplan Submitted - workplan/proposal requested of/submitted by responsible party to determine whether ground water has been, or will be, impacted as a result of the release.  
Preliminary Site Assessment Underway - implementation of workplan.  
Pollution Characterization - responsible party is in the process of fully defining the extent of contamination in soil and ground water and assessing impacts on surface and/or ground water.  
Remediation Plan - remediation plan submitted evaluating long term remediation options. Proposal and implementation schedule for appropriate remediation options also submitted.  
Cleanup Underway - implementation of remediation plan.  
Post Cleanup Monitoring in Progress - periodic ground water or other monitoring at site, as necessary, to verify and/or evaluate effectiveness of remedial activities.  
Case Closed - regional board and local agency in concurrence that no further work is necessary at the site.

IMPORTANT: THE INFORMATION PROVIDED ON THIS FORM IS INTENDED FOR GENERAL STATISTICAL PURPOSES ONLY AND IS NOT TO BE CONSTRUED AS REPRESENTING THE OFFICIAL POSITION OF ANY GOVERNMENTAL AGENCY

### REMEDIAL ACTION

Indicate which action have been used to cleanup or remediate the leak. Descriptions of options follow:

Cap Site - install horizontal impermeable layer to reduce rainfall infiltration.  
Containment Barrier - install vertical dike to block horizontal movement of contaminant.  
Excavate and Dispose - remove contaminated soil and dispose in approved site.  
Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming).  
Remove Free Product - remove floating product from water table.  
Pump and Treat Groundwater - generally employed to remove dissolved contaminants.  
Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants.  
Replace Supply - provide alternative water supply to affected parties.  
Treatment at Hookup - install water treatment devices at each dwelling or other place of use.  
Vacuum Extract - use pumps or blowers to draw air through soil.  
Vent Soil - bore holes in soil to allow volatilization of contaminants.  
No Action Required - incident is minor, requiring no remedial action.

COMMENTS - Use this space to elaborate on any aspects of the incident.

SIGNATURE - Sign the form in the space provided.

### DISTRIBUTION

If the form is completed by the tank owner or his agent, retain the last copy and forward the remaining copies intact to your local tank permitting agency for distribution.

1. Original - Local Tank Permitting Agency
2. State Water Resources Control Board, Division of Clean Water Programs, Underground Storage Tank Program, P.O. Box 944312, Sacramento, CA 94244-2100
3. Regional Water Quality Control Board
4. Local Health Officer and County Board of Supervisors or their designees to receive Proposition 67 notifications.
5. Owner/responsible party.

# 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 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 09/28/95		CASE #		SIGNATURE: <i>[Signature]</i> DATE: 9/28/95	
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT MICHAEL P. CORTES		PHONE (510) 276 4700		SIGNATURE Michael P. Cortes
	REPRESENTING <input checked="" type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME ORO LOMA SANITARY DISTRICT		
	ADDRESS 2600 GRANT AVENUE STREET SAN LORENZO CITY CA 94580 STATE ZIP				
RESPONSIBLE PARTY	NAME ORO LOMA SANITARY DIST. <input type="checkbox"/> UNKNOWN		CONTACT PERSON MICHAEL P. CORTES		PHONE (510) 276 4700
	ADDRESS 2600 GRANT AVENUE STREET SAN LORENZO CITY CA 94580 STATE ZIP				
SITE LOCATION	FACILITY NAME (IF APPLICABLE) ORO LOMA SANITARY DISTRICT		OPERATOR		PHONE ( )
	ADDRESS 2600 GRANT AVENUE STREET SAN LORENZO CITY CA 94580 COUNTY ZIP				
	CROSS STREET WORTHLEY DRIVES				
IMPLEMENTING AGENCIES	LOCAL AGENCY ALAMEDA COUNTY ENVIRONMENTAL HEALTH SERVICES AGENCY		CONTACT PERSON JULIET SHIN		PHONE ( )
	REGIONAL BOARD STATE WATER RESOURCES CONTROL BOARD		PHONE ( )		
SUBSTANCES INVOLVED	(1) NAME QUANTITY LOST (GALLONS) UNLUBRICATED FUEL <input checked="" type="checkbox"/> UNKNOWN				
	(2) <input type="checkbox"/> UNKNOWN				
DISCOVERY/ABATEMENT	DATE DISCOVERED M M D D Y Y		HOW DISCOVERED <input checked="" 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 type="checkbox"/> OTHER		
	DATE DISCHARGE BEGAN M M D D Y Y <input checked="" type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input 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 checked="" type="checkbox"/> REPLACE TANK <input type="checkbox"/> OTHER		
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 01/01/99				
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 type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER		
	CHECK ONE ONLY <input checked="" 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 checked="" type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input 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 checked="" type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> OTHER (OT) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS)				
COMMENTS	The District is currently conducting a study on how the proposed excavation may affect the existing structures within the vicinity.				
	Gasoline UST removed from this location 5/3/95. At this time soil was confirmed to be impacted. Soil and groundwater were confirmed to be impacted in 1993. <i>[Signature]</i>				

## INSTRUCTIONS

### EMERGENCY

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### REPORTED BY

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### RESPONSIBLE PARTY

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### SITE LOCATION

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### DISCOVERY/ABATEMENT

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### SOURCE/CAUSE

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Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants.

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Treatment at Hookup - install water treatment devices at each dwelling or other place of use.

Vacuum Extract - use pumps or blowers to draw air through soil.

Vent Soil - bore holes in soil to allow volatilization of contaminants.

No Action Required - incident is minor, requiring no remedial action.

COMMENTS - Use this space to elaborate on any aspects of the incident.

SIGNATURE - Sign the form in the space provided.

### DISTRIBUTION

If the form is completed by the tank owner or his agent, retain the last copy and forward the remaining copies intact to your local tank permitting agency for distribution.

1. Original - Local Tank Permitting Agency
2. State Water Resources Control Board, Division of Clean Water Programs, Underground Storage Tank Program, P.O. Box 944212, Sacramento, CA 94244-3120
3. Regional Water Quality Control Board
4. Local Health Officer and County Board of Supervisors or their designee to receive Proposition 65 notifications.
5. Owner/responsible party.

# ORO LOMA SANITARY DISTRICT

2600 Grant Avenue  
San Lorenzo, CA 94580  
Telephone (510) 276-4700  
FAX-Administration (510) 276-1528  
FAX-Plant (510) 278-7382

The **FAX** and nothing but....

to: JULIET SHIN  
FAX #: 337 9315  
from: Mike Cortez  
date & time: 7-8-94 / 9:30 AM  
# of pages: 2 including this cover page

Comments/Notes:

Copy of our July 6, 1994 letter  
per our phone conversation.

*If you do not receive the number of pages indicated, please notify us immediately at the above number.*

**ORO LOMA SANITARY DISTRICT**  
 2600 Grant Avenue  
 SAN LORENZO, CALIFORNIA 94580

**LETTER OF TRANSMITTAL**

(415) 276-4700 FAX (415) 276-1528

TO ALAMEDA COUNTY HEALTH CARE  
SERVICES AGENCY  
80 SWAN WAY, RM 200  
OAKLAND, CA 94621

DATE	6-14-94	JOB NO.	45-26403
ATTENTION	JULIET SHIN		
RE:	MISC. CORRESPONDENCES CONCERNING U.S.T. REMOVAL PER YOUR REQUEST DATED 6-8-94.		

WE ARE SENDING YOU  Attached  Under separate cover via _____ the following items:

- Shop drawings     Prints     Plans     Samples     Specifications  
 Copy of letter     Change order     _____

COPIES	DATE	NO.	DESCRIPTION
1			EXHIBIT "A" - MISC. INVOICES FROM THE PROJECT CONSULTANT FOR THE REQUIRED SAMPLING AFTER THE SUBMITTAL OF THE UST. CLOSURE PLAN IN 9/93.
1			EXHIBIT "B" - MISC. ALTERNATIVES FOR EXCAVATION OF CONTAMINATED SOIL & REMOVAL OF U.S.T.
1			EXHIBIT "C" - SCOPE OF WORK / PROPOSAL OF ENGINEERING SERVICES.

THESE ARE TRANSMITTED as checked below:

- For approval     Approved as submitted     Resubmit _____ copies for approval  
 For your use     Approved as noted     Submit _____ copies for distribution  
 As requested     Returned for corrections     Return _____ corrected prints  
 For review and comment     _____  
 FOR BIDS DUE _____ 19 _____  PRINTS RETURNED AFTER LOAN TO US

REMARKS _____

WE WILL SUBMIT A COPY OF THE SOIL TEST REPORT DESCRIBED IN EXHIBIT "A" ~~AS~~ WHEN WE RECEIVE ONE FROM THE CONSULTANT (LEVINE-FLOCKE).

82:1111V 11 MAR 95

LWZVH  
CCTV

COPY TO _____

SIGNED: _____

*Michael Plot*

MIKE CORDESS



ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

June 8, 1994

Mr. Mike Cortez  
Oro Loma Sanitary District  
2600 Grant Avenue  
San Lorenzo, CA 94580

STID 1996

Re: Required investigations at 2600 Grant Ave., San Lorenzo, CA

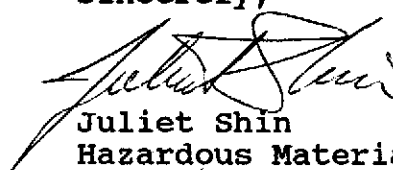
Dear Mr. Cortez,

In September 1993, this office reviewed and approved the Underground Tank Closure Plans that Oro Loma Sanitary District submitted for the removal of one 1,000-gallon gasoline tank at the above site. It is the understanding of this office that this tank was never removed. Per Alameda County Fire Code, Section 79.114(e), you are required to remove these tanks within 90 days of not being in service. It appears that this tank has been inactive for over 90 days, therefore, you are required to remove this tank **within 45 days** of the date of this letter.

Additionally, this office is in possession of a September 30, 1993 Inspection Form that indicates that soil and ground water contamination, resulting from a release from an on-site underground storage tank, has been identified at the site. This office has no information on investigations related to this release. Please submit copies of all reports and correspondence relating to these investigations **within 45 days** of the date of this letter.

If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,

  
Juliet Shin  
Hazardous Materials Specialist

cc: ✓ Edgar Howell-File(JS)

DATE:

TO : Medhulla Logan

FROM:

SUBJ: Transfer of Slic cases

Site name: Oro Loma Sanitary District  
Address: 2600 Grant Av city San Lorenzo zip 94580  
Stid # 1996

This site is also regulated by the following programs:

Gen  UGT (removed or soon to be) LOP  Storm Water

Contamination level: upto 540 ppm TPHd in groundwater (ppm, TTLC, STLC, in order of hazard)  
additional: _____

TPHd up to 33,000 ppm in soil

BEX up to 29 ppm groundwater

BEX also present in soil up to 2.5 ppm

DepRef remaining \$ -1 hour Do not transfer a case with less than \$100.  
Request and receive additional funds first! Additional funds have been requested, never received.

Have you made all entries on the deposit/refund account sheet? Yes

Is the site file organized with all pertinent information in it? Yes

Date of last correspondence from this office: 9-30-93 (site visit)

Date of last workplan/technical report:

3/29/94

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY  
 DEPARTMENT OF ENVIRONMENTAL HEALTH  
 HAZARDOUS MATERIALS DIVISION  
 80 SWAN WAY, ROOM 200  
 OAKLAND, CA 94621  
 PHONE NO. 510/271-4320

ACCEPTED

DEPARTMENT OF ENVIRONMENTAL HEALTH  
 470 - 27th Street, Third Floor  
 Oakland, CA 94612  
 Telephone: (415) 374-7237

These plans have been reviewed and found to be acceptable and essentially meet the requirements of State and local health laws. Changes to your plans that affect State Department are to assure compliance with State and local laws. The project proposed to be a new addition to the base of any required building permits for construction.

One copy of these accepted plans must be available and available to all contractors and other parties involved with the removal.

Any change or alterations of these plans and specifications must be submitted to this Department and to the Building Department. Do not start to determine if such changes meet the requirements of State and local laws. Notify this Department at least 48 hours prior to the following required inspections:

- _____ Removal of Tank and Capping
- _____ Sampling
- _____ Final Inspection

Issuance of a permit to operate is dependent on compliance with accepted plans and all applicable laws and regulations.

THERE IS A TRIANGLE FORMERLY LOCATED  
 BEHIND THESE BUILDINGS.

UNDERGROUND TANK CLOSURE PLAN

*** Complete according to attached instructions ***

1. Business Name Oro Loma Sanitary District  
 Business Owner same
2. Site Address 2600 Grant Avenue  
 City San Lorenzo zip 94580 Phone 510-276-4700
3. Mailing Address 2600 Grant Avenue  
 City San Lorenzo zip 94580 Phone 510-276-4700
4. Land Owner Oro Loma Sanitary District  
 Address 2600 Grant Ave. city, state San Lorenzo, CA zip 94580
5. Generator name under which tank will be manifested Oro Loma Sanitary District  
 EPA I.D. No. under which tank will be manifested CAL 0000 65728

Contact:  
 Mike  
 Cortez

#428

6. Contractor Thompson Bros. Inc.  
 Address 1540 Industrial Ave  
 City San Jose, CA Phone 408-292-0820  
 License Type* A, H ID# 646168

*Effective January 1, 1992, Business and Professional Code Section 7058.7 requires prime contractors to also hold Hazardous Waste Certification issued by the State Contractors License Board. Indicate that the certificate has been received, in addition, to holding the appropriate contractors license type.

7. Consultant Levine-Fricke Inc.  
 Address 1900 Powell St, 12th Floor  
 City Emeryville, CA Phone (510) 652-4500

8. Contact Person for Investigation  
 Name Michael Stoll Title Project Engineer  
 Phone (510) 652-4500

9. Number of tanks being closed under this plan 1  
 Length of piping being removed under this plan estimated < 20-foot  
 Total number of tanks at facility 1

10. State Registered Hazardous Waste Transporters/Facilities (see instructions).

** Underground tanks are hazardous waste and must be handled **  
 as hazardous waste

a) Product/Residual Sludge/Rinsate Transporter  
 Name Evergreen Oil, INC. EPA I.D. No. CAD 980887418  
 Hauler License No. 0242 License Exp. Date 7-31-94  
 Address 6880 Smith AVE  
 City Newark State CA zip 94560

b) Product/Residual Sludge/Rinsate Disposal Site  
 Name EVERGREEN OIL INC. EPA I.D. No. CAD 980887418  
 Address 6880 Smith AVE  
 City Newark State CA zip 94560

c) Tank and Piping Transporter

Name H+H Ship Service EPA I.D. No. CAD0004771168  
Hauler License No. 0334 License Exp. Date 131-94  
Address 220 CHINA BASIN  
City SAN FRANCISCO State CA Zip 94107

d) Tank and Piping Disposal Site

Name H+H Ship Service EPA I.D. No. CAD0004771168  
Address 220 CHINA BASIN  
City SAN FRANCISCO State CA Zip 94107

11. Experienced Sample Collector

Name Michael Stoll  
Company Levine-Fricke Inc.  
Address 1900 Powell Street, 12th Floor  
City Emeryville State CA Zip 94608 Phone (510) 652-4500

12. Laboratory

Name American Environmental Network  
Address 3440 Vincent Road  
City Pleasant Hill State CA Zip 94523  
State Certification No. 1172

13. Have tanks or pipes leaked in the past? Yes [ ] No [ ] Unknown [X]

If yes, describe. _____  
_____  
_____

14. Describe methods to be used for rendering tank inert

Residual liquids in the tank will be pumped out prior to excavation and dry ice will be added to purge aromatic hydrocarbons. A gas meter will be maintained on site throughout the excavation to insure that the tank is inert.

Before tanks are pumped out and inerted, all associated piping must be flushed out into the tanks. All accessible associated piping must then be removed. Inaccessible piping must be plugged.

The Bay Area Air Quality Management District (771-6000), along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of explosion proof combustible gas meters to verify tank inertness. It is the contractor's responsibility to bring a working combustible gas meter on site to verify tank inertness.

15. Tank History and Sampling Information

Tank		Material to be sampled (tank contents, soil, ground-water, etc.)	Location and Depth of Samples
Capacity	Use History (see instructions)		
1,000 gallons	Tank was installed 1969 to store gasoline for the districts vehicles	<u>Soil</u>  <u>Water</u> (if encountered)	no deeper than 2' beneath both ends of the tank (2 samples) and beneath the fuel dispenser (1 sample).  1 sample from the tank excavation in addition to 2 subsoil soil samples from ends of tank

One soil sample must be collected for every 20 feet of piping that is removed. A ground water sample must be collected should any ground water be present in the excavation.

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (Estimated)  20 cubic yards	Sampling Plan  4 discrete samples from the stockpile to be composited by the laboratory into 1 sample for analysis.

Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting.

16. Chemical methods and associated detection limits to be used for analyzing samples

The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed. See attached Table 2.

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
Gasoline	5030	GC FID EPA 5030 (TPHg)	American Environmental Network - 0.2 ppm - Soil 0.05 ppm - Water
BTEX	5030	GC FID, EPA 8020	0.005 ppm - Soil 0.5 ppb [BTEX] - Water 2 ppb [X] - Water
TEL (organic lead)	DHS Method		0.5 ppm - soil 0.02 ppm - water

17. Submit Site Health and Safety Plan (See Instructions)

18. Submit Worker's Compensation Certificate copy

Name of Insurer Fremont Indemnity Co.

19. Submit Plot Plan (See Instructions)
20. Enclose Deposit (See Instructions)
21. Report any leaks or contamination to this office within 5 days of discovery. The report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report form. (see Instructions)
22. Submit a closure report to this office within 60 days of the tank removal. This report must contain all the information listed in item 22 of the instructions.

I declare that to the best of my knowledge and belief the statements and information provided above are correct and true.

I understand that information in addition to that provided above may be needed in order to obtain an approval from the Department of Environmental Health and that no work is to begin on this project until this plan is approved.

I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel health and safety. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Once I have received my stamped, accepted closure plan, I will contact the project Hazardous Materials Specialist at least three working days in advance of site work to schedule the required inspections.

Signature of Contractor

Name (please type) Gary Trumpp

Signature _____

Date 8-27-93

Signature of Site Owner or Operator

Name (please type) Douglas C. Humphrey

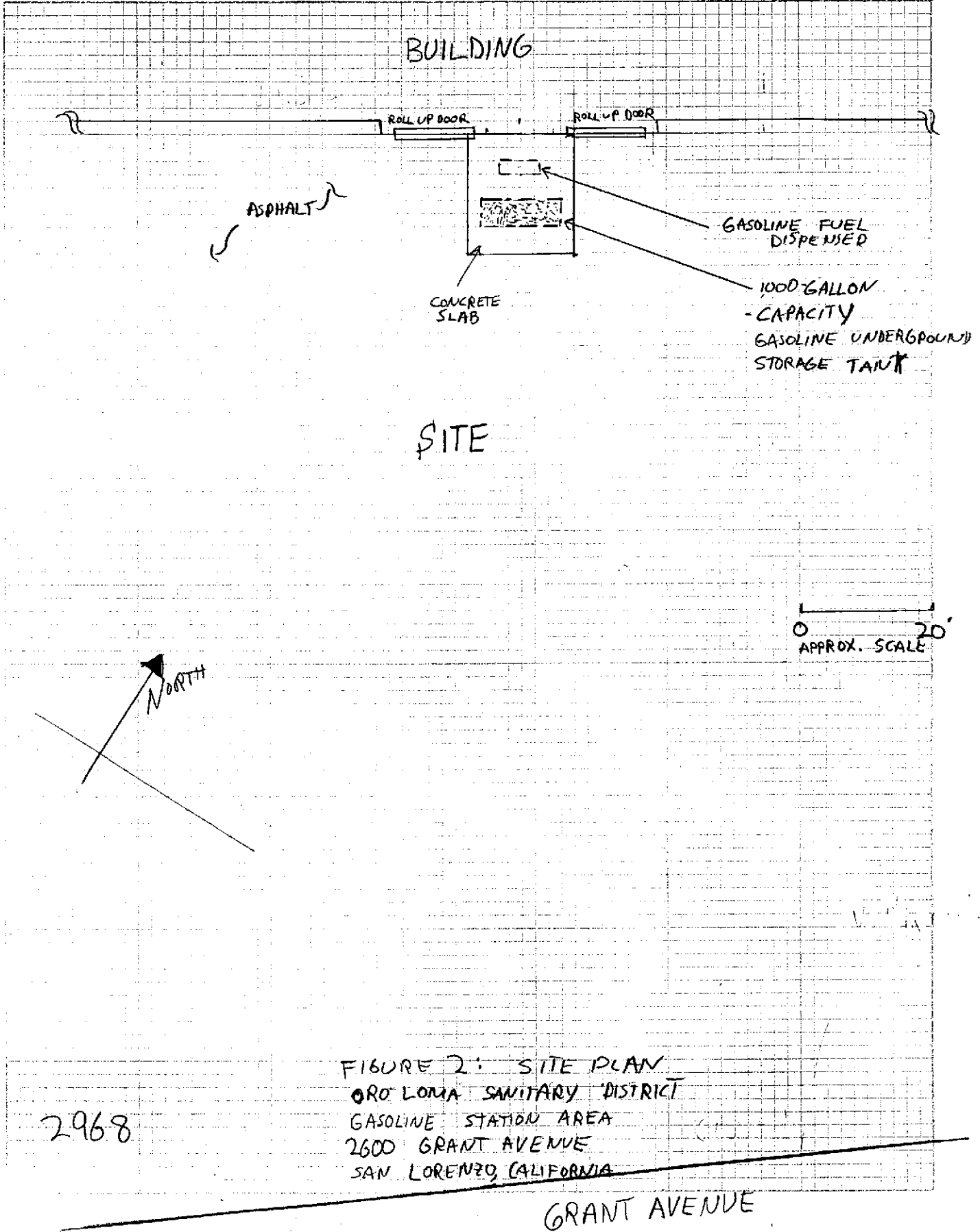
Signature Douglas C. Humphrey

Date 8/26/93



PROJECT: _____

SUBJECT: _____



2968

FIGURE 2: SITE PLAN  
ORO LOMA SANITARY DISTRICT  
GASOLINE STATION AREA  
2600 GRANT AVENUE  
SAN LORENZO, CALIFORNIA

GRANT AVENUE



CONTRACTORS STATE LICENSE BOARD



License Number

646168

Entity

CORP

Name/Namestyle

TRUMPP BROS INC

Classification(s)

A HAZ

Expiration Date

05/31/94



*Building Quality*



# HAZARDOUS SUBSTANCES REMOVAL AND REMEDIAL ACTIONS CERTIFICATION

Pursuant to the provisions of Section 7058.7 of the Business and Professions Code, the Registrar of Contractors does hereby certify that the following qualifying person has successfully completed the hazardous substances removal and remedial actions examination.



Qualifier: Walter Chester Trumpp

License No.: 646168

Business Name: Trumpp Brothers, Inc.

WITNESS my hand and official seal this  
26th day of May, 1992

*David R. Phillips*  
Registrar of Contractors

13 36 (12/91)

This certification is the property of the Registrar of Contractors, is not transferable, and shall be returned to the Registrar upon demand when suspended, revoked, or invalidated for any reason.

A 5009

Attended course 11/30-12/11/92

**LABORERS TRAINING AND RETRAINING TRUST FUND FOR NORTHERN CALIFORNIA**  
S.S. 324-34-5599

**JOSE Mireles # 323**

---

has successfully completed the

**Two** week Training Course in

---

**Hazardous and toxic waste**

---

Date 12/11/92 By John [Signature]

Card expires 12/11/93



This is to certify that

DATE FEB. 12, 1993

NAME LARRY B. HETRICK

SSN 575 90 5378

Successfully completed 40 hours of Hazardous Waste Training in accordance with 29 CFR 1910.120.

Instructor Don [Signature]

This is to certify that on **JAN. 23, 1993**  
**NANCY GARY TRUMP**  
 SSN **549 86 3491**  
 has successfully completed 8 hours of Hazardous Waste Refresher Training in accordance with 29 CFR 1910.120(e)  
 Instructor Don [Signature]  
 This card expires one year from the date shown above.

This is to certify that on JAN. 23, 1993

NAME CARL GOMES

SSN 550 54 2819

Successfully completed 8 hours of Hazardous Waste Refresher Training in accordance with 29 CFR 1910.120(e).

Instructor Don [Signature]

This card expires one year from the date shown above.

**OSHA 29 CFR 1910.120 PO2690**

Verification of Training

**Ray Robeson**

92-914-1090

has met the 8 Hour Refresher Training requirement for the Hazardous Waste Operations & Emergency Response

[Signature]  
 Acknowledgement Expiration 9/93  
 M/A Industries, Inc.

Post-It™ brand fax transmittal memo 7571 # of pages 1

To <u>Juliet Shin</u>	From <u>GARY</u>
Co. <u>ALHA</u>	Co. <u>TRUMP BROS</u>
Dept.	Phone # <u>408 292-0820</u>
Fax # <u>510 567 4757</u>	Fax #

***END***



**LEVINE•FRICKE**  
ENGINEERS, HYDROGEOLOGISTS & APPLIED SCIENTISTS

# *Certificate of Training*

_____  
Shellie Fletcher

Successfully Completed

on

_____  
October 8, 1992

The 8-hour Refresher Training Required in 29 CFR 1910.120 (e) (8) of the OSHA  
Regulations governing Hazardous Waste Operations and Emergency Response.

**Shari A. Samuels**  
Health and Safety Director

**James D. Levine, P.E.**  
President



**LEVINE•FRICKE**

ENGINEERS, HYDROGEOLOGISTS & APPLIED SCIENTISTS

# *Certificate of Training*

John Sturman

Successfully Completed

on

December 28, 1992

The 8-hour Refresher Training Required in 29 CFR 1910.120 (e) (8) of the OSHA Regulations governing Hazardous Waste Operations and Emergency Response.

**Shari A. Samuels**  
Health and Safety Director

  
**James D. Levine, P.E.**  
President

# CERTIFICATE OF TRAINING

OSHA-SARA

*John Sturman*

has met the initial 40 hr. training requirements under  
OSHA Standard, 29CFR 1910.120, Hazardous Waste Operations  
and Emergency Response

*[Signature]*

Acknowledgement

Occupational Health and Safety Group, Inc.

*March 10, 1989*

Date

**RECEIVED**  
JAN 20 1994  
ORO LOMA SANITARY DISTRICT

EXHIBIT "A"

January 15, 1994  
Page number 1

Oro Loma Sanitary District  
Attn: Mr. Doug Humphrey  
2600 Grant Avenue  
San Lorenzo, CA 94580

Statement reflects activity through December 31, 1993.

Document	Date	Debit	Credit	
2793.00 Oro Loma: San Lorenzo				
REFERENCE: Purchase Order No. 4173-01				
Invoice	279306	12-15-93	941.93	
		Balance	941.93	
2968.00 Oro Loma Sanitary: UST Removal				
REFERENCE: Purchase Order No. 4172-01				
Invoice	296802	12-08-93	5,719.69	
		Balance	5,719.69	
		Balance due	6,661.62	
Current	31-60 days	61-90 days	91-120 days	121+ days
6,661.62				

*Anna,  
Pls. pay this amt.  
only. Thanks!  
MORTI*

*paid 1/10(?) /94*

**FILE COPY**

# 6d RA  
# 6d RA  
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# 6d RA  
# 6d RA

Approved *MPC*  
Date *1-20-94*  
P.O.# *4173*  
Acct.# *45-223-02*

---

Voucher# _____  
Date _____  
VR pg. # _____

HAZMAT  
ALCO  
MAY 11 11 11 AM '94

If payment has been made, please disregard this statement. Thank you for the business you have given Levine•Fricke.





**LEVINE•FRICKE**  
ENGINEERS, HYDROGEOLOGISTS, & APPLIED SCIENTISTS

Services Rendered

Levine•Fricke Invoice No. 296802

2968.00 Oro Loma Sanitary: UST Removal

September 5 through November 27, 1993

- 
- Levine•Fricke personnel charges for evaluation of analytical data and preparation of a letter dated September 29, 1993, outlining soil removal alternatives, performed at the request of Mr. Mike Cortez.
  - Received subcontractor invoice from American Environmental Network Laboratory for charges for analytical test of ground-water samples.
  - Received subcontractor invoice from Trumpp Brothers, general contractor, for charges for permit fees to remove the underground storage tanks and subsurface utility locator.
  - Received subcontractor invoice from West Hazmat Drilling for charges for the performance and collection of hydropunch ground-water samples.
-

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH  
Hazardous Materials Division  
80 Swan Way, Rm. 200  
Oakland, CA 94621  
(510) 271-4320

November 16, 1993

ATTN: -0-

Oro Loma Sanitary District  
2600 Grant Ave  
San Lorenzo

RE: Project # 1966A - M  
at 2600 Grant Ave. in San Lorenzo 94580

Dear Property Owner/Designee:

Our records indicate the deposit/refund account for the above project has fallen below the minimum deposit amount. To replenish the account, please submit an additional deposit of \$250.00, payable to Alameda County.

Please write your project number and site address on your check.

We must receive this deposit before we perform any further work on this project. At the completion of this project, any unused monies will be refunded to you or your designee.

If you have any questions, please contact PAM EVANS  
at (510) 271-4320.

Sincerely,

Edgar B. Howell III, Chief  
Hazardous Materials Division

c: files

white -env.health  
 yellow -facility  
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

80 Swan Way, #200  
 Oakland, CA 94621  
 (415) 271-4320

Hazardous Materials Division Inspection Form

Site ID# 1996 Site Name Oro Loma Sanitary District Today's Date 9/30/93

Site Address 2600 Grant Av EPA ID# _____

City San Lorenzo Zip 94580 Phone _____

MAX Amt. Stored > 500lbs/55g/200cf?  Y  N  
 Hazardous Waste generated per month? _____

Inspection Categories:  
 I. Haz. Mat/Waste GENERATOR/TRANSPORTER  
 II. Business Plans, Acute Hazardous Materials  
 III. Underground Tanks SLIC site

The marked items represent violations of the Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

LA GENERATOR (Title 22)

- ___ 1. Waste ID * 66471
- ___ 2. EPA ID 66472
- ___ 3. > 90 days 66508
- ___ 4. Label dates 66508
- ___ 5. Biennial 66493

- Manifest
- ___ 6. Records 66492
  - ___ 7. Correct 66484
  - ___ 8. Copy sent 66492
  - ___ 9. Exception 66484
  - ___ 10. Copies Rec'd 66492

- Misc.
- ___ 11. Treatment 66371
  - ___ 12. On-site Disp. (H.S.&C.) 26189.5
  - ___ 13. Ex Haz. Waste 66570

- Prevention
- ___ 14. Communications 67121
  - ___ 15. Aisle Space 67124
  - ___ 16. Local Authority 67126
  - ___ 17. Maintenance 67120
  - ___ 18. Training 67105

- Contn. Agency
- ___ 19. Prepared 67140
  - ___ 20. Name List 67141
  - ___ 21. Copies 67141
  - ___ 22. Emg. Coord. Trng. 67144

- Containers, Tanks
- ___ 23. Condition 67241
  - ___ 24. Compatibility 67242
  - ___ 25. Maintenance 67243
  - ___ 26. Inspection 67244
  - ___ 27. Buffer Zone 67246
  - ___ 28. Tank Inspection 67259
  - ___ 29. Containment 67245
  - ___ 30. Safe Storage 67261
  - ___ 31. Freeboard 67257

I.B TRANSPORTER (Title 22)

- ___ 32. Applic./Insurance 66428
- ___ 33. Comp. Cert./CHP Insp. 66448
- ___ 34. Containers 66465

- Manifest
- ___ 35. Vehicles 66465
  - ___ 36. EPA ID #s 66531
  - ___ 37. Correct 66541
  - ___ 38. HW Delivery 66543
  - ___ 39. Records 66544

- Cont'rs
- ___ 40. Name/ Covers 66545
  - ___ 41. Recyclables 66800

Comments:

Today's visit was to observe soil remediation + sampling activities connected with a leak in a set of underground pipes connected with above ground diesel tanks.

The pipes were removed in September 1992 + some exploratory samples were taken.

Purpose of current sampling is to delineate the extent of contamination in soil + ground water. Excavation thus far: 6' deep x 20' x 15'. Groundwater was at ~ 4-5' in pit.

I watched Shelley Fletcher with Levine-Fricke take one sample from the pit bottom. L.F will continue the sampling tomorrow morning (10-1-93). They plan to take at least six samples total from the pit bottom + side walls.

Above ground tanks had been removed along with piping. New tanks will be installed next week.

Also present: Michael Cortez w/ Oro Loma Gary w/ Trump Bros.

Rev 6/88

Contact: _____

Title: _____

Signature: _____

Inspector: _____

Signature: _____

*Daniela J. Evans*

white -env.health  
 yellow -facility  
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

80 Swan Way, #200  
 Oakland, CA 94621  
 (415) 271-4320

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	10. Copies Rec'd	66492
Misc.	11. Treatment	66371
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	13. Ex Haz. Waste	66570
Prevention	14. Communications	67121
	15. Aisle Space	67124
	16. Local Authority	67126
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	41. Recyclables	66800

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Above ground tanks had been removed along with piping. New tanks will be installed next week.

Also present: Michael Cortez w/ Oro Loma Gary w/ Trump Bros.

Contact: _____  
 Title: _____  
 Signature: _____

Inspector: _____  
 Signature: Samuel J. Evans

STATE OF CALIFORNIA  
STATE WATER RESOURCES CONTROL BOARD  
**UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A**



COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM	<input type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input checked="" type="checkbox"/> 7 PERMANENTLY CLOSED SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY SITE CLOSURE	

**I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)**

DBA OR FACILITY NAME <i>Oro Loma Sanitary District</i>		NAME OF OPERATOR <i>Oro Loma</i>		
ADDRESS <i>2600 Grant Avenue</i>		NEAREST CROSS STREET <i>Worthley Drive</i>	PARCEL # (OPTIONAL)	
CITY NAME <i>San Lorenzo</i>		STATE <i>CA</i>	ZIP CODE <i>94580</i>	SITE PHONE # WITH AREA CODE <i>(510) 276-4700</i>
<input checked="" type="checkbox"/> BOX TO INDICATE	<input type="checkbox"/> CORPORATION	<input type="checkbox"/> INDIVIDUAL	<input type="checkbox"/> PARTNERSHIP	<input checked="" type="checkbox"/> LOCAL-AGENCY DISTRICTS
TYPE OF BUSINESS		<input type="checkbox"/> 1 GAS STATION	<input type="checkbox"/> 2 DISTRIBUTOR	<input type="checkbox"/> 3 FARM
		<input type="checkbox"/> 4 PROCESSOR	<input checked="" type="checkbox"/> 5 OTHER	<input type="checkbox"/> IF INDIAN RESERVATION OR TRUST LANDS
		# OF TANKS AT SITE <i>1</i>	E. P. A. I. D. # (optional)	

**EMERGENCY CONTACT PERSON (PRIMARY)**

**EMERGENCY CONTACT PERSON (SECONDARY) - optional**

DAYS: NAME (LAST, FIRST) <i>Humphrey Doug</i>	PHONE # WITH AREA CODE <i>(510) 276-4700</i>	DAYS: NAME (LAST, FIRST) <i>Mosgraves Randy</i>	PHONE # WITH AREA CODE <i>(510) 276-4700</i>
NIGHTS: NAME (LAST, FIRST) <i>same</i>	PHONE # WITH AREA CODE <i>(510) 482-4066</i>	NIGHTS: NAME (LAST, FIRST) <i>Ed Hevert</i>	PHONE # WITH AREA CODE <i>(510) 462-3485</i>

**II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)**

NAME <i>Oro Loma Sanitary District</i>		CARE OF ADDRESS INFORMATION		
MAILING OR STREET ADDRESS <i>2600 Grant Avenue</i>		<input checked="" type="checkbox"/> box to indicate	<input type="checkbox"/> INDIVIDUAL	<input checked="" type="checkbox"/> LOCAL-AGENCY
CITY NAME <i>San Lorenzo</i>		<input type="checkbox"/> CORPORATION	<input type="checkbox"/> PARTNERSHIP	<input type="checkbox"/> STATE-AGENCY
	STATE <i>Calif</i>	ZIP CODE <i>94580</i>	PHONE # WITH AREA CODE <i>(510) 276-4700</i>	

**III. TANK OWNER INFORMATION - (MUST BE COMPLETED)**

NAME OF OWNER <i>Oro Loma Sanitary District</i>		CARE OF ADDRESS INFORMATION		
MAILING OR STREET ADDRESS <i>2600 Grant Avenue</i>		<input checked="" type="checkbox"/> box to indicate	<input type="checkbox"/> INDIVIDUAL	<input checked="" type="checkbox"/> LOCAL-AGENCY
CITY NAME <i>San Lorenzo</i>		<input type="checkbox"/> CORPORATION	<input type="checkbox"/> PARTNERSHIP	<input type="checkbox"/> STATE-AGENCY
	STATE <i>Calif</i>	ZIP CODE <i>94580</i>	PHONE # WITH AREA CODE <i>(510) 276-4700</i>	

**IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 323-9555 if questions arise.**

TY (TK) HQ   -

**V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE COMPLETED) - IDENTIFY THE METHOD(S) USED**

<input checked="" type="checkbox"/> box to indicate	<input checked="" type="checkbox"/> 1 SELF-INSURED	<input type="checkbox"/> 2 GUARANTEE	<input type="checkbox"/> 3 INSURANCE	<input type="checkbox"/> 4 SURETY BOND
	<input type="checkbox"/> 5 LETTER OF CREDIT	<input type="checkbox"/> 6 EXEMPTION	<input type="checkbox"/> 99 OTHER	

**VI. LEGAL NOTIFICATION AND BILLING ADDRESS** Legal notification and billing will be sent to the tank owner unless box I or II is checked.

CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATIONS AND BILLING: I.  II.  III.

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) <i>Douglas C. Humphrey</i>	APPLICANT'S TITLE <i>Director of Engineering</i>	DATE <i>8/27/93</i>
LOCAL AGENCY USE ONLY		

COUNTY # <input type="text" value=""/> <input type="text" value=""/>	JURISDICTION # <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	FACILITY # <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>
LOCATION CODE - OPTIONAL	CENSUS TRACT # - OPTIONAL	SUPVISOR - DISTRICT CODE - OPTIONAL

## INSTRUCTIONS FOR COMPLETING FORM "A"

### GENERAL INSTRUCTIONS:

1. One FORM "A" shall be completed for all NEW PERMITS, PERMIT CHANGES or any FACILITY/SITE INFORMATION/TYPE CHANGES.
2. SUBMIT ONLY ONE (1) FORM "A" for a Facility (site) regardless of the number of tanks located at the site.
3. This form should be completed by either the PERMIT APPLICANT or the LOCAL AGENCY UNDERGROUND TANK INSPECTOR.
4. Please type or print clearly all requested information.
5. Use a hard point writing instrument, you are making 3 copies.

### TOP OF FORM: "MARK ONLY ONE ITEM"

Mark an (X) in the box next to the item that best describes the reason the form is being completed.

### I. FACILITY/SITE INFORMATION & ADDRESS (MUST BE COMPLETED)

1. Record name and address (physical location) of the underground tank(s).  
NOTE: Address MUST have a valid physical location including city, state, and zip code.  
P.O. BOX NUMBERS ARE NOT ACCEPTABLE.  
Include nearest cross street and name of the operator.
2. Phone number must have an area code. If the right number is the same, write "SAME" in proper location.
3. Check the appropriate box for TYPE OF BUSINESS OWNERSHIP (ex. CORPORATION, INDIVIDUAL, etc.)
4. Check the appropriate box for TYPE OF BUSINESS.
5. If Facility/Site is located within an Indian reservation or other Indian trust lands, check the box marked "YES".
6. Indicate the NUMBER of TANKS at this SITE.
7. Record the E.P.A. ID # or write "NONE" in the space provided.

### II. PROPERTY OWNER INFORMATION & ADDRESS (MUST BE COMPLETED)

Complete all items in this section, unless all items are the same as SECTION I; if the same, write "SAME AS SITE" across this section. Be sure to check PROPERTY OWNERSHIP TYPE box.

### III. TANK OWNER INFORMATION & ADDRESS (MUST BE COMPLETED)

Complete all items in this section, unless all items are the same as SECTION I; if the same, write "SAME AS SITE" across this section. Be sure to check TANK OWNERSHIP TYPE box.

### IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER (MUST BE COMPLETED)

Enter your Board of Equalization (BOE) UST storage fee account number which is required before your permit application can be processed. Registration with the BOE will ensure that you will receive a quarterly storage fee return in reporting the \$0.006 (6 mills) per gallon fee due on the number of gallons placed in your UST's. The BOE will code persons exempt from paying the storage fee so returns will not be sent. If you do not have an account number with the BOE or if you have any questions regarding the fee or exemptions, please call the BOE at 916-323-9555 or write to the BOE at the following address: Board of Equalization, Environmental Fees Unit, P.O. Box 942879, Sacramento, CA 94279-0001.

### V. PETROLEUM UST FINANCIAL RESPONSIBILITY (MUST BE COMPLETED)

Identify the method(s) used by the owner and/or operator in meeting the Federal and State financial responsibility requirements. USTs owned by any Federal or State agency are exempt from this requirement.

### VI. LEGAL NOTIFICATION AND BILLING ADDRESS

Check ONLY ONE box for the address that will be used for BOTH LEGAL AND BILLING NOTIFICATIONS

APPLICANT MUST SIGN AND DATE THE FORM AS INDICATED.

### INSTRUCTIONS FOR THE LOCAL AGENCY:

The county and jurisdiction numbers are predetermined and can be obtained by calling the State Board (915)739-2421. The facility number may be assigned by the local agency; however, this number must be numerical and cannot contain any alphabetical. If the local agency prefers the State Board to assign the facility number, please leave it blank.

IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERIFY THE ACCURACY OF THE INFORMATION. THIS APPLICATION CANNOT BE PROCESSED IF THE BOE ACCOUNT NUMBER IS NOT FILLED IN. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(S) TO THE FOLLOWING ADDRESS.

STATE OF CALIFORNIA  
STATE WATER RESOURCES CONTROL BOARD  
C/O SWELLER  
DATA PROCESSING CENTER  
P.O. BOX 527  
PACAMOUNT, CA 90723

STATE OF CALIFORNIA  
STATE WATER RESOURCES CONTROL BOARD  
**UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B**



COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM	<input type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input type="checkbox"/> 7 PERMANENTLY CLOSED ON SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY TANK CLOSURE	<input checked="" type="checkbox"/> 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: Oro Loma

**I. TANK DESCRIPTION** COMPLETE ALL ITEMS - SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # <u>1</u>	B. MANUFACTURED BY:
C. DATE INSTALLED (MO/DAY/YEAR) <u>1/69</u>	D. TANK CAPACITY IN GALLONS: <u>1,000.</u>

**II. TANK CONTENTS** IF A-1 IS MARKED, COMPLETE ITEM C.

A. <input checked="" type="checkbox"/> 1 MOTOR VEHICLE FUEL	<input type="checkbox"/> 4 OIL	B. <input checked="" type="checkbox"/> 1 PRODUCT	C. <input type="checkbox"/> 1a REGULAR UNLEADED
<input type="checkbox"/> 2 PETROLEUM	<input type="checkbox"/> 80 EMPTY	<input type="checkbox"/> 2 WASTE	<input type="checkbox"/> 1b PREMIUM UNLEADED
<input type="checkbox"/> 3 CHEMICAL PRODUCT	<input type="checkbox"/> 95 UNKNOWN		<input checked="" type="checkbox"/> 2 LEADED
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED			C. A. S. #:

**III. TANK CONSTRUCTION** MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM	<input type="checkbox"/> 1 DOUBLE WALL	<input type="checkbox"/> 3 SINGLE WALL WITH EXTERIOR LINER	<input type="checkbox"/> 95 UNKNOWN
	<input checked="" type="checkbox"/> 2 SINGLE WALL	<input type="checkbox"/> 4 SECONDARY CONTAINMENT (VAULTED TANK)	<input type="checkbox"/> 99 OTHER
B. TANK MATERIAL (Primary Tank)	<input checked="" type="checkbox"/> 1 BARE STEEL	<input type="checkbox"/> 2 STAINLESS STEEL	<input type="checkbox"/> 3 FIBERGLASS
	<input type="checkbox"/> 5 CONCRETE	<input type="checkbox"/> 6 POLYVINYL CHLORIDE	<input type="checkbox"/> 7 ALUMINUM
	<input type="checkbox"/> 9 BRONZE	<input type="checkbox"/> 10 GALVANIZED STEEL	<input type="checkbox"/> 95 UNKNOWN
C. INTERIOR LINING	<input type="checkbox"/> 1 RUBBER LINED	<input type="checkbox"/> 2 ALKYD LINING	<input type="checkbox"/> 3 EPOXY LINING
	<input type="checkbox"/> 5 GLASS LINING	<input checked="" type="checkbox"/> 6 UNLINED	<input type="checkbox"/> 95 UNKNOWN
	IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___		
D. CORROSION PROTECTION	<input type="checkbox"/> 1 POLYETHYLENE WRAP	<input type="checkbox"/> 2 COATING	<input type="checkbox"/> 3 VINYL WRAP
	<input checked="" type="checkbox"/> 5 CATHODIC PROTECTION	<input type="checkbox"/> 91 NONE	<input type="checkbox"/> 95 UNKNOWN
E. SPILL AND OVERFILL	SPILL CONTAINMENT INSTALLED (YEAR) <u>NONE</u>		OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) <u>NONE</u>

**IV. PIPING INFORMATION** CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE	A U 1 SUCTION	A U 2 PRESSURE	A U 3 GRAVITY	A U 99 OTHER
B. CONSTRUCTION	A U <input checked="" type="checkbox"/> 1 SINGLE WALL	A U <input type="checkbox"/> 2 DOUBLE WALL	A U <input type="checkbox"/> 3 LINED TRENCH	A U <input type="checkbox"/> 95 UNKNOWN
C. MATERIAL AND CORROSION PROTECTION	A U <input type="checkbox"/> 1 BARE STEEL	A U <input type="checkbox"/> 2 STAINLESS STEEL	A U <input type="checkbox"/> 3 POLYVINYL CHLORIDE (PVC)	A U <input type="checkbox"/> 4 FIBERGLASS PIPE
	A U <input type="checkbox"/> 5 ALUMINUM	A U <input type="checkbox"/> 6 CONCRETE	A U <input type="checkbox"/> 7 STEEL W/ COATING	A U <input type="checkbox"/> 8 100% METHANOL COMPATIBLE W/FRP
	A U <input type="checkbox"/> 9 GALVANIZED STEEL	A U <input type="checkbox"/> 10 CATHODIC PROTECTION	A U <input type="checkbox"/> 95 UNKNOWN	A U <input type="checkbox"/> 99 OTHER
D. LEAK DETECTION	<input type="checkbox"/> 1 AUTOMATIC LINE LEAK DETECTOR	<input type="checkbox"/> 2 LINE TIGHTNESS TESTING	<input type="checkbox"/> 3 INTERSTITIAL MONITORING	<input type="checkbox"/> 99 OTHER <u>NONE</u>

**V. TANK LEAK DETECTION**

<input type="checkbox"/> 1 VISUAL CHECK	<input type="checkbox"/> 2 INVENTORY RECONCILIATION	<input type="checkbox"/> 3 VADOZE MONITORING	<input type="checkbox"/> 4 AUTOMATIC TANK GAUGING	<input type="checkbox"/> 5 GROUND WATER MONITORING
<input type="checkbox"/> 6 TANK TESTING	<input type="checkbox"/> 7 INTERSTITIAL MONITORING	<input type="checkbox"/> 91 NONE	<input type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER

**VI. TANK CLOSURE INFORMATION**

1. ESTIMATED DATE LAST USED (MO/DAY/YR) <u>6/1/93</u>	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING _____ GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? YES <input type="checkbox"/> NO <input type="checkbox"/>
----------------------------------------------------------	------------------------------------------------------------	--------------------------------------------------------------------------------------------------

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) <u>Douglas C. Humphrey</u>	DATE <u>8/26/93</u>
----------------------------------------------------------------------	------------------------

**LOCAL AGENCY USE ONLY** THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
[ ] [ ] [ ] [ ]	[ ] [ ]	[ ] [ ] [ ] [ ]	[ ] [ ] [ ] [ ] [ ] [ ]	[ ] [ ] [ ] [ ] [ ] [ ]
PERMIT NUMBER	PERMIT APPROVED BY/DATE		PERMIT EXPIRATION DATE	

## INSTRUCTIONS FOR COMPLETING FORM "B"

### GENERAL INSTRUCTIONS:

1. One FORM "B" shall be completed for each tank for all NEW PERMITS, PERMIT CHANGES, REMOVALS and/or any other TANK INFORMATION CHANGE.
2. This form should be completed by either the PERMIT APPLICANT or the LOCAL AGENCY UNDERGROUND TANK INSPECTOR.
3. Please type or print clearly all requested information.
4. Use a hard point writing instrument, you are making 3 copies.

### TOP OF FORM: "MARK ONLY ONE ITEM"

1. Mark an (X) in the box next to the item that best describes the reason the form is being completed.
2. Indicate the DBA or Facility name where the tank is installed.

### I. TANK DESCRIPTION - COMPLETE ALL ITEMS - IF UNKNOWN - SO SPECIFY

- A. Indicate owners tank ID # - If there is a tank number that is used by the owner to identify the tank (ex. AB00789).
- B. Indicate the name of the company that manufactured the tank (ex. ACOB TANK MFG.).
- C. Indicate the year the tank was installed (ex. 1987).
- D. Indicate the tank capacity in gallons (ex. 25,000 or 10,000 etc.).

### II. TANK CONTENTS

- A. 1. If MOTOR VEHICLE FUEL, check box 1 and complete items B & C.  
2. If not MOTOR VEHICLE FUEL, check the appropriate box in section A and complete items B & D.
- B. Check the appropriate box.
- C. Check the type of MOTOR VEHICLE FUEL (if box 1 is checked in A).
- D. Print the chemical name of the hazardous substance stored in the tank and the C.A.S.#. (Chemical Abstract Service number), if box 1 is NOT checked in A.

### III. TANK CONSTRUCTION - MARK ONE ITEM ONLY IN BOX A, B, C & D

1. Check only one item in TYPE OF SYSTEM, TANK MATERIAL, INTERIOR LINING and CORROSION PROTECTION.
2. If OTHER, print in the space provided.

### IV. PIPING INFORMATION

1. Circle A if above ground; circle U if underground; and circle both if applicable.
2. If UNKNOWN, circle; or if OTHER, print in space provided.
3. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirement for the piping.

### V. TANK LEAK DETECTION

1. Indicate the LEAK DETECTION system(s) used to comply with the monitoring requirements for the tank.

### VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

1. ESTIMATED DATE LAST USED - MONTH/YEAR (January, 1988 or 01/88).
2. ESTIMATED QUANTITY of HAZARDOUS SUBSTANCE remaining in the tank (in Gallons).
3. WAS TANK FILLED WITH INERT MATERIAL? Check "Yes" or "NO".

### APPLICANT MUST SIGN AND DATE THE FORM AS INDICATED.

### INSTRUCTION FOR THE LOCAL AGENCIES

The state underground storage tank identification number is composed of the two digit county number, the three digit jurisdiction number, the six digit facility number and the six digit tank number. The county and jurisdiction numbers are predetermined and can be obtained by calling the State Board (916)739-2421. The facility number must be the same as shown in form "A". The tank number may be assigned by the local agency; however, this number must be numerical and cannot contain an alphabet. If the local agency prefers the State Board to assign the tank number, please leave it blank.

**IT IS THE RESPONSIBILITY OF THE LOCAL AGENCY THAT INSPECTS THE FACILITY TO VERIFY THE ACCURACY OF THE INFORMATION. THE LOCAL AGENCY IS RESPONSIBLE FOR THE COMPLETION OF THE "LOCAL AGENCY USE ONLY" INFORMATION BOX AND FOR FORWARDING ONE FORM "A" AND ASSOCIATED FORM "B"(s) TO THE FOLLOWING ADDRESS.**

STATE OF CALIFORNIA  
STATE WATER RESOURCES CONTROL BOARD  
C/O S.W.R.F.P.S.  
DATA PROCESSING CENTER  
P.O. BOX 527  
PARAMOUNT, CA 90723





# ORO LOMA SANITARY DISTRICT

2600 GRANT AVENUE  
SAN LORENZO, CALIFORNIA 94580  
TELEPHONE (510) 276-4700  
ADMINISTRATION FAX (510) 276-1528  
PLANT FAX (510) 278-7382

*Directors:*  
Laython N. Landis, President  
Roland J. Dias, Vice President  
Harvey V. Nolling, Secretary  
Howard W. Kerr, Director  
Milford L. Sanford, Director  
*General Manager:*  
Paul H. Causey

August 3, 1993

James Ferdinand  
Battalion Chief  
Fire Prevention Bureau  
Eden Consolidated Fire Protection District  
427 Paseo Grande  
San Lorenzo, CA 94580

**SUBJECT: FUEL TANK INSTALLATION  
DIESEL FUEL REMEDIATION (45-265-00)**

Dear Chief Ferdinand:

According to our phone conversation today attached are specifications for the three different 4,000 gallon tanks the District is currently considering for installation. Please let me know which of the three meets current fire code regulations.

Please call me at (510) 276-4700, extension 131, if you have any questions.

Sincerely,

Mike Cortez  
Assistant Civil Engineer

cc: Ms. Pamela Evans  
Alameda County Health Care Services Agency

P:\USERS\CORTEZA\...AECFPD2.LTR

93 AUG 12 PM 12:47



# ORO LOMA SANITARY DISTRICT

2600 GRANT AVENUE  
SAN LORENZO, CALIFORNIA 94580  
TELEPHONE (510) 276-4700  
ADMINISTRATION FAX (510) 276-1528  
PLANT FAX (510) 278-7382

93 AUG -4 PM 1:03

**Directors:**

Layton N. Landis, President  
Roland J. Dias, Vice President  
Harvey V. Notting, Secretary  
Howard W. Kerr, Director  
Millard L. Sanford, Director

**General Manager:**

Paul H. Causey

August 2, 1993

James Ferdinand  
Battalion Chief  
Fire Prevention Bureau  
Eden Consolidated Fire Protection District  
427 Paseo Grande  
San Lorenzo, CA 94580

**SUBJECT: TANK REMOVAL AND DISPOSAL  
DIESEL FUEL REMEDIATION (45-265-00)**


Dear Chief Ferdinand:

The District is proceeding with a plan to replace two 2,500 gallon diesel fuel aboveground tanks with one large capacity tank. The capacity and type of replacement tank will be determined later and submitted for your review and approval.

We plan to hire the services of VCI of California for the old tank removal and disposal. Enclosed is a copy of the proposal and scope of work for the job. Please let us know of any additional requirements. Current scheduling should allow the work to commence within four to six weeks.

Please call me at (510) 276-4700, extension 131, if you have any questions.

Sincerely,

  
Mike Cortez  
Assistant Civil Engineer

cc: Ms. Pamela Evans  
Alameda County Health Care Services Agency



# ORO LOMA SANITARY DISTRICT

2600 GRANT AVENUE  
SAN LORENZO, CALIFORNIA 94580  
TELEPHONE (510) 276-4700  
ADMINISTRATION FAX (510) 276-1528  
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**Directors:**  
Layton K. Fandis, President  
Roland J. Dias, Vice President  
Harvey V. Nolting, Secretary  
Howard W. Kern, Director  
Milford L. Sanford, Director  
**General Manager:**  
Paul H. Causey

July 1, 1993

Msg to Doug Humphrey's voice mail  
Called 7/8/93 - Plan looks OK  
• Need copy of site safety plan  
• If confirmatory samples show high levels, more work may be needed  
• Give date for sampling activities  
LC

Ms. Pamela Evans  
Senior Hazardous Materials Specialist  
Hazardous Materials Division  
Alameda County Health Care Services Agency  
Department of Environmental Health  
80 Swan Way, Room 200  
Oakland, CA 94621

**SUBJECT: DIESEL FUEL REMEDIATION (45-64-10)-REVISED PLAN**

Dear Ms. Evans:

As we discussed earlier today, Oro Loma has received a proposal for services to remove and dispose of diesel-contaminated soil. The revised plan includes soil disposal and quarterly groundwater monitoring for a period of one year.

Please review the enclosed plan and provide any comments you may have. Our current plan is to contract Levine-Fricke for the services as scoped in this revised plan.

Sincerely,

Doug Humphrey  
Director of Engineering

DH:al



# ORO LOMA SANITARY DISTRICT

2600 GRANT AVENUE  
SAN LORENZO, CALIFORNIA 94580  
TELEPHONE (510) 276-4700  
ADMINISTRATION FAX (510) 276-1528  
PLANT FAX (510) 278-7382

*Directors:*  
Layton N. Landis, President  
Roland J. Dias, Vice President  
Harvey V. Nolting, Secretary  
Howard W. Ker, Director  
Mikerd L. Sanford, Director  
*General Manager:*  
Paul H. Cauney

April 19, 1993

Ms. Pamela Evans  
Senior Hazardous Materials Specialist  
Hazardous Materials Division  
Alameda County Health Care Services Agency  
Department of Environmental Health  
80 Swan Way, Room 200  
Oakland, CA 94621

**SUBJECT: DIESEL FUEL REMEDIATION (45-64-11)  
PRELIMINARY SITE ASSESSMENT**

Dear Ms. Evans:

We are enclosing for your use a copy of the Levine-Fricke Report that covers the preliminary investigation of diesel fuel soil contamination at the site of our two, above ground, 2500 gallon diesel fuel tanks at our Plant.

You will note the Report summarizes the previous tests conducted by TAT as well as the Levine-Fricke investigation. Section 3 describes the methodology and results, which indicate, fortunately, that ground-water contamination is minimal.

Please notify us if the County concurs with the Levine-Fricke Recommendations so the District may proceed. We have already requested a cost analysis from Levine-Fricke for this work.

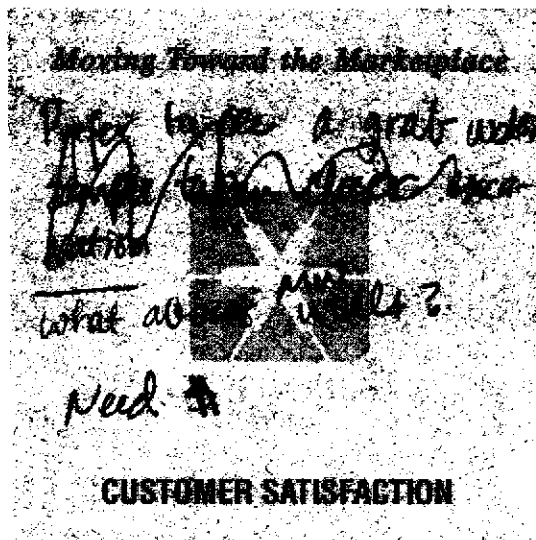
Sincerely,

Michael Riddiford  
Associate Engineer

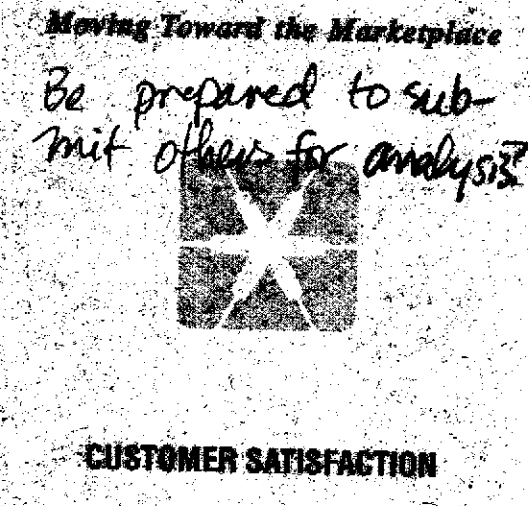
Encl:

2-26-93 - Mike Riddiford  
said that this investigation  
went forward as proposed.  
One MW was installed.

He expects the full report  
(including soil + gw analysis)  
any day + will forward  
a copy to us. PR



on report 12/22/92



Same as above



# ORO LOMA SANITARY DISTRICT

2600 GRANT AVENUE  
SAN LORENZO, CALIFORNIA 94580  
TELEPHONE (510) 276-4700  
ADMINISTRATION FAX (510) 276-1528  
PLANT FAX (510) 278-7382

*Directors:*  
Laydon N. Landis, President  
Roland J. Dias, Vice President  
Harvey V. Nading, Secretary  
Howard W. Kerr, Director  
Mihale L. Santoro, Director  
*General Manager:*  
Paul H. Causey

January 27, 1993

Ms. Pamela J. Evans  
Senior Hazardous Materials Specialist  
Hazardous Materials Division  
Alameda County Health Care Services Agency  
Department of Environmental Health  
80 Swan Way, Room 200  
Oakland, CA 94621

**SUBJECT: FUELING FACILITIES (45-64-10)  
DIESEL FUEL REMEDIATION (45-64-11)**

Dear Ms. Evans:

Per our telephone conversation, enclosed is our check in the aggregate amount of \$601.00 to cover your review of our Fueling Facilities and the Diesel Fuel Remediation Plan.

Sincerely,

Michael Riddiford  
Associate Engineer

MR:al

Encl

ALAMEDA COUNTY HAZARDOUS MATERIALS DIVISION  
DEPOSIT / REFUND ACCOUNT SHEET

SITE INFORMATION

Oro Loma Sanitary District  
2600 Grant Ave.  
San Lorenzo 94580  
Site Contact:  
Site Phone :

StID: 1996 Site#: 1966
PROJECT#: 1966A
PROJECT TYPE: M
INSP: PAM EVANS
ACCT. SHEET PG #: <u>2</u>

PROPERTY OWNER INFORMATION

Oro Loma Sanitary District  
2600 Grant Ave  
San Lorenzo  
Owner Contact:  
Owner Phone :

CONTRACTOR INFORMATION

Oro Loma Sanitary Distric  
2600 Grant Ave  
San Lorenzo Ca 94580 #646  
Contr. Contact:  
Contr. Phone :

Date	Action Taken	Time		Hours Spent/ Depstd	Hour Balnce	Money Spent/ Depositd	Money Balance
		In	Out				
	Balance from Prev. Page	.....	.....	.....		.....	
^{1/} 29/93	Rcpt# 668912 Deposit of \$601.00 @ \$75/hour			<del>18.01</del>		<u>1.76</u>	
8-25-93	Review Plans, call to M. Cortez			.05	1.26		
<del>9-16-93</del> 8-25-93	Final AST Plan review			.25	1.01		
9-30-93	Onsite for <del>final</del> ^{sampling re:} diesel fuel remediation			1.05	-.49		
12-10-93	Review case for transfer to Mahdulla			.05	-.99		

UPON COMPLETION OF PROJECT

PROJ COMPLETED BY : _____ ATTACH:  State Forms A, B & C  
 Billing Adjustment*

DATE OF COMPLETION : _____ DATE SENT TO BILLING: _____

TOTAL COST OF PROJECT: _____ REFUND AMOUNT: _____ Rev. 1/93

* Billing adjustment forms needed when site is in our UST program.

SITE INFORMATION

Oro Loma Sanitary District  
2600 Grant Ave.  
San Lorenzo 94580  
Site Contact:  
Site Phone :

StID: Site#: 1966  
PROJECT#: 1966A  
PROJECT TYPE: M  
INSP: PAM EVANS  
ACCT. SHEET PG #: 1

*Above ground tank installation  
Diesel Fuel remediation*

PROPERTY OWNER INFORMATION

Oro Loma Sanitary District  
2600 Grant Ave  
San Lorenzo  
Owner Contact:  
Owner Phone :

CONTRACTOR INFORMATION

Oro Loma Sanitary Distric  
2600 Grant Ave  
San Lorenzo Ca 94580 #646  
Contr. Contact:  
Contr. Phone :

Date	Action Taken	Time		Hours Spent/Depstd	Hour Balance	Money	
		In	Out			Spent/Depositd	Money Balance
	Balance from Prev. Page	.....	.....	.....		.....	
	Rcpt# U668912						
01/29/93	Deposit of \$601.00 @ \$75/hour			+8.01			
2-26-93	Review AGT plans & specs, call O.L.S.D.			1.5	6.51		
2-26-93	Review Diesel rem. proposal, call OLSD			.5	6.01		
3-15-93	2 billing						
3-18-93	Questions re: AGT from contractor			.25	5.76		
3-31-93	Questions re: AGT from Contractor & Plans to fire dept			<del>1.0</del>	4.76		
5-14-93	Review changes, call, discuss plans			1.25	3.51		
6-30-93	Review Prelim Site Asses, call M. Biddiford			.5	3.01		
7-8-93	Review workplan - call to Doug Humphrey			.75	2.26		
7-11-93	2 billing						
8-3-93	Call from Mike Cortez			.25	2.01		
8-18-93	Review plans, call to Mike Cortez			.25	1.76		

UPON COMPLETION OF PROJECT

11-16-93 2 billing  
PROJ COMPLETED BY : _____ ATTACH:  State Forms A, B & C  
 Billing Adjustment*

DATE OF COMPLETION : _____ DATE SENT TO BILLING: _____

TOTAL COST OF PROJECT: _____ REFUND AMOUNT: _____ Rev. 1/93

* Billing adjustment forms needed when site is in our UST program.





**ORO LOMA SANITARY DISTRICT**  
 2600 Grant Avenue  
 San Lorenzo, CA 94580  
 Telephone (510) 276-4700  
 FAX (510) 276-1528 (Administration)  
 FAX (510) 278-7382 (Plant)

**FACSIMILE TRANSMITTAL**

TO Hazardous Materials Div.

ATTENTION Pam Evans

FROM M. Riddiford

DATE & TIME 05/21/93

FAX NUMBER 569-4157

NO. OF PAGES 2

Pam: Copy of completed Agencies Route Form  
 for your file.

We will fill tanks next week and then  
 test electrical system. Call me if you wish  
 to attend start-up.

If you do not receive the number of pages indicated, which includes this cover sheet, please  
 notify us immediately at the above number.

Final check by Fire Dept 6/18/93. I was not present.  
 ↓ witness  
 (on site to test of system) ME

ABOVE-GROUND FLAMMABLE LIQUID STORAGE TANKS

AGENCIES ROUTE FORM

Application No.: 92-1223

DATE SUBMITTED: 12-23-92

OWNER: Oro Loma Sanitary District

ADDRESS: 2600 Grant Ave.

CITY, STATE, ZIP CODE: San Lorenzo, CA 94580-1838

PHONE NO.: 276-4700

USE OF PROPERTY: Wastewater Treatment Plant

Dealer, contractor's, or installer's name, address, phone number, and contractor's License No.: Petro Vault/pump supplier - Hazcon,

39120 Argonaut Way, Suite 405, Fremont, CA 94538,

429-1418. Installation by District and yet-to-be-determined contractor

TANK SIZE: 1000 NUMBER OF TANKS: 2

TYPE OF LIQUID: GAS:  DIESEL:  WASTE OIL:  OTHER:

NAME OF LOCAL FIRE AGENCY: Eden Consolidated Fire Prevention District

DATE RECEIVED: 12-23-93 SIGNATURE: [Signature]

ENVIRONMENTAL HEALTH AGENCY: Approved:  Disapproved:

DATE: 5-14-93 SIGNATURE: [Signature]

REMARKS: Please provide mfr's specifications for foundation/pad for tank.

PLANNING DEPARTMENT: Approved:  Disapproved:  Plan Review No.         

DATE: 5/18/93 SIGNATURE: [Signature]

REMARKS:         

BUILDING DEPARTMENT: Approved:  Disapproved:  Plan Check No.         

DATE: 5/20/93 SIGNATURE: [Signature]

PERMIT NO: 93-1121

REMARKS:         

LOCAL FIRE AGENCY: Approved:  Disapproved:  Date: 5-20-93

SIGNATURE: [Signature] REMARKS: 7 GALLON OVERSPILL

For Tank IS APPROVED - 4-21-93 [Signature] ACFD.



# ORO LOMA SANITARY DISTRICT

2600 GRANT AVENUE  
SAN LORENZO, CALIFORNIA 94580  
TELEPHONE (510) 276-4700  
ADMINISTRATION FAX (510) 276-1528  
PLANT FAX (510) 278-7382

*Directors:*

Laythorn N. Lano's, President  
Ronald J. Glas, Vice President  
Harvey V. Holmg, Secretary  
Howard W. Kerr, Director  
Miltord L. Sanford, Director  
*General Manager*  
Paul H. Causey

December 28, 1992

Ms. Pamela J. Evans  
Senior Hazardous Materials Specialist  
Hazardous Materials Division  
Alameda County Health Care Services Agency  
Department of Environmental Health  
80 Swan Way, Room 200  
Oakland, CA 94621

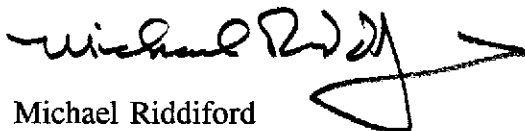
**SUBJECT: DIESEL FUEL REMEDIATION (45-64-11)**

Dear Ms. Evans:

Please find enclosed a copy of the Lavine-Fricke work plan for remediation of the diesel petroleum contaminated soil at our Wastewater Treatment Plant.

You will note that our consultant has tentatively scheduled field activities for January 7, 1993. If approval of the Plan by your Division or others is necessary prior to commencement of field work, please contact me so that field activities may be rescheduled.

Sincerely,



Michael Riddiford  
Associate Engineer

MR:al

Encl

G:CORRESP/JEVFUERM.LTR/al



# ORO LOMA SANITARY DISTRICT

2600 GRANT AVENUE  
SAN LORENZO, CALIFORNIA 94580  
TELEPHONE (510) 276-4700  
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**Directors:**

Laythen N. Lancia, President  
Roland J. Dias, Vice President  
Harvey V. Noting, Secretary  
Howard W. Kerr, Director  
Milford L. Sanford, Director  
**General Manager:**  
Paul H. Causey

December 17, 1992

Ms. Pamela J. Evans  
Senior Hazardous Materials Specialist  
Hazardous Materials Division  
Alameda County Health Care Services Agency  
Department of Environmental Health  
80 Swan Way, Room 200  
Oakland, CA 94621

**SUBJECT: DIESEL FUEL REMEDIATION (45-64-11)**

Dear Ms. Evans:

The District is proceeding with development of a work plan for our diesel fuel spill remediation. We have retained the firm of Levine-Fricke to prepare the plan in accordance with the work plan requirements submitted with your November 13 letter. Current scheduling should allow the plan to be completed in time for submission to your office on December 28th.

Sincerely,

Michael Riddiford  
Associate Engineer

MR:al

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH  
Hazardous Materials Division  
80 Swan Way, Rm. 200  
Oakland, CA 94621  
(510) 271-4320

November 13, 1992

Michael Riddiford  
Oro Loma Sanitary District  
2600 Grant Av  
San Lorenzo CA 94580

RE: Petroleum Fuel Contamination of Soil and Groundwater

Dear Mr. Riddiford:

I have reviewed the analysis report for soil and groundwater samples taken in the vicinity of Oro Loma's former above ground diesel tank. Soil samples contained as much as 33,000 ppm and groundwater contained up to 540,000 ppb of diesel. Also, both soil and groundwater contained high levels of hazardous fuel constituents, including benzene, toluene, xylene and ethyl benzene (BTEX). On November 2, we discussed these results by telephone and you stated that the District would most likely hire an environmental consultant to develop plan for further investigation and remediation.

I have enclosed a copy of the Department's requirements for initial subsurface investigations for your reference. We require that Oro Loma submit a work plan that addresses these requirements and presents a timetable for their completion. My office acts as the lead agency overseeing the investigation of fuel contaminated sites. Please submit your work plan within 45 days of the date of this letter. A copy of your plan, as well as all other documents and correspondence related to your investigation and remediation, should also be sent to:

Richard Hiett  
Regional Water Quality Control Board  
2201 Webster St., 4th Floor  
Oakland CA 94612

You may contact me with any questions at (510)271-4320.

Sincerely,

A handwritten signature in cursive script that reads "Pamela J. Evans".

Pamela J. Evans  
Senior Hazardous Materials Specialist

c: Richard Hiett, RWQCB

JOHN R. SUTTON, CE, GE  
Principal Eng

## THE SUTTON GROUP

Soils, Foundations, Drainage, Environmental  
Civil and Geotechnical Engineers

1480 Moraga Rd, #395  
Moraga, CA, 94556

(925) 631-1688  
FAX (925) ~~631-1688~~

284-4187



ORO LOMA SANITARY DISTRICT  
2600 GRANT AVE., SAN LORENZO, CA 94580

Michael C. Cameron  
General Manager

(510) 276-4700 EXT. 112

FAX 276-1528



ORO LOMA SANITARY DISTRICT  
2600 GRANT AVE., SAN LORENZO, CA 94580

James D. Bissell, P.E.  
Senior Engineer

(510) 276-4700 EXT. 128

FAX 276-1528



ORO LOMA SANITARY DISTRICT  
2600 GRANT AVE., SAN LORENZO, CA 94580

Michael P. Cortez, P.E.  
Associate Engineer

(510) 276-4700 EXT. 131

FAX (510) 276-1528