

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



F

May 29, 2007

Mr. Bob Lawlor  
RWL Investments, Inc.  
4919 Tidewater Ave., Unit B  
Oakland, CA 94601-4914

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

Dear Mr. Lawlor:

Subject: Fuel Leak Case No. RO0000107 & Global ID T0600100451, Di Salvo Trucking,  
4919 Tidewater Ave., Oakland 94601

Alameda County Environmental Health staff has received and reviewed the February 26, 2007 Feasibility Study Report for the subject site prepared by Applied Remedial Technologies (ART). This study evaluates five remedial alternatives besides No Action. These were evaluated using a screening method which consists of a weighted cumulative score based upon the ability of each alternative to achieve specific weighted criteria. The two highest scoring alternatives were groundwater extraction & treatment with limited excavation and site dewatering plus soil excavation and disposal. As you are aware, prior approval was given from our office for this latter alternative. Since the overall score of these remedial alternatives was similar, based upon the estimated cost for each remedial approach, ART recommends groundwater extraction & treatment with limited source area remediation. Our office concurs with the proposed remedial approach. We understand that alternatives other than excavation may be evaluated to remediate the TPH impacted soils. We request you address the following technical comments and submit the technical reports requested below.

#### TECHNICAL COMMENTS

1. Remedial Action Plan- Please submit your Remedial Action Plan (RAP) as requested below. We understand that it will consist of ten (10) extraction wells located within the area of MW-2 and the former tank pit. Please provide a more detailed figure indicating the well locations and their construction design and the design of the treatment system. Please describe how the affected soil area will be precisely determined and describe how the other remediation alternatives other than excavation will be evaluated. Will the fill and clay impacted soils be treated differently? Will the existing wells be monitored more frequently when the extraction system is operating? The current semi-annual monitoring will not be sufficient at that time. Describe your post-remediation soil and groundwater sampling plan.
2. Groundwater Monitoring- Please continue the requested semi-annual monitoring at the site until the extraction system is in operation. Please be aware, we have not received your 1<sup>st</sup> 2007 Semi-Annual monitoring report.

#### TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health according to the following schedule:

- June 23, 2007- Remedial Action Plan
- June 23, 2007- 1<sup>st</sup> 2007 Semi-Annual Monitoring Report
- November 23, 2007- 2<sup>nd</sup> 2007 Semi-Annual Monitoring Report

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

### ELECTRONIC SUBMITTAL OF REPORTS

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

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In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at [barney.chan@acgov.org](mailto:barney.chan@acgov.org).

### PERJURY STATEMENT

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

## PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

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

## UNDERGROUND STORAGE TANK CLEANUP FUND

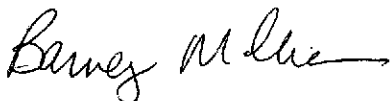
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

## AGENCY OVERSIGHT

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

If you have any questions, please call me at (510) 567-6765.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

cc: files, D. Drogos

Mr. Apri Ghuman, ART, 1485 Bayshore Blvd., Ste. 1, San Francisco, CA 94124  
Mr. S. Ramdass, SWRCB Cleanup Fund, 1001 I St., P.O. Box 944212, Sacramento,  
CA, 94244

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



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January 2, 2007

Mr. Bob Lawlor  
RWL Investments, Inc.  
4919 Tidewater Ave., Unit B  
Oakland, CA 94601-4914

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

Dear Mr. Lawlor:

Subject: Fuel Leak Case No. RO0000107, 4919 Tidewater Ave., Oakland 94601

Alameda County Environmental Health staff has received and reviewed the Murray Engineers Inc. Limited Geotechnical Evaluation Contaminated Soil Replacement report and the Applied Remedial Technologies (ART) Aquifer Testing and Dewatering Analysis Heitz Trucking report for the subject site. We have the following technical comments and request you submit the technical reports requested below.

#### TECHNICAL COMMENTS

1. Additional Report Submissions- Though we received hard copies of the requested geotechnical and dewatering tests, we have not received a copy of the requested Phase I report. Please submit as requested below. You are also reminded that all reports must be submitted electronically to the County's pdf site in addition to Geotracker. Please submit the referenced reports as requested below.
2. Evaluation of Remedial Options- We previously requested a revised Feasibility Study (FS) be submitted incorporating the data from the geotechnical and dewatering tests. The FS should compare cost, the ability to meet cleanup goals and the expected time needed to meet the goals. Please submit your FS as requested below. Failure to meet the newly requested report due dates will cause your case to be referred to the Cleanup Fund for potential ineligibility for reimbursement.

#### TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health according to the following schedule:

- January 15, 2007- Submittal of geotechnical and dewatering reports to County pdf site and to Geotracker
- February 5, 2007- Phase I report and FS
- April 23, 2007- 1<sup>st</sup> 2007 Semi-Annual Monitoring Report
- October 23, 2007- 2<sup>nd</sup> 2007 Semi-Annual Monitoring Report

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

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In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at [barney.chan@acgov.org](mailto:barney.chan@acgov.org).

## PERJURY STATEMENT

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## PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

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

UNDERGROUND STORAGE TANK CLEANUP FUND

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

AGENCY OVERSIGHT

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

If you have any questions, please call me at (510) 567-6765.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

cc: files, D. Drogos

Ms. Gail Jones, ERAS Environmental, Inc., 1533 B St., Hayward, CA 94541

Mr. S. Ramdass, SWRCB Cleanup Fund, 1001 I St., P.O. Box 944212, Sacramento,  
CA, 94244

**Chan, Barney, Env. Health**

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**From:** Gail Jones [gail@eras.biz]  
**Sent:** Tuesday, October 24, 2006 12:39 PM  
**To:** Chan, Barney, Env. Health  
**Cc:** boblawlor@sbcglobal.net  
**Subject:** 4919 Tidewater Ave., Oakland

Barney:

The third quarter semi-annual monitoring report for 4919 Tidewater Avenue has been uploaded to your ftp site.

Unfortunately, ERAS can not send the required Feasibility Study for this site because the client elected not to sign the authorization contract for us to proceed. ART has performed most of the work for the FS. However, we would need about one month after the client signs the authorization to finish the report.

This email is to notify you that ERAS is not contracted to conduct any future work at this site, including groundwater monitoring. We will notify you if the situation changes.

Thank you  
Gail Jones, P.G.  
Senior Geologist  
ERAS Environmental, Inc.

ALAMEDA COUNTY  
HEALTH CARE SERVICES



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AGENCY  
DAVID J. KEARS, Agency Director

September 21, 2006

Mr. Bob Lawlor  
RWL Investments, Inc.  
4919 Tidewater Ave., Unit B  
Oakland, CA 94601-4914

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

Dear Mr. Lawlor:

Subject: Fuel Leak Case No. [REDACTED] 107, 4919 Tidewater Ave., Oakland 94601

Alameda County Environmental Health staff has reviewed the case file for the subject site including the May 12, 2006 Report of Environmental Investigations by ERAS Environmental. We have the following technical comments and request you submit the technical reports requested below.

#### TECHNICAL COMMENTS

1. Additional Report Submissions- The May 12, 2006 report references two reports, a Murray Engineers, Inc. geotechnical report and an Applied Remedial Technology (ART) dewatering test which were to be submitted separately. Since these reports directly influence the proposed remediation, please submit these reports as requested below. Please include the boring logs for the geotechnical borings logged by Murray Engineers, Inc. and the Phase I report requested in the County's 12/28/05 letter.
2. Evaluation of Remedial Options- A Corrective Action Plan and Revision was prepared for this site by Environmental Restoration Services (ERS) in October 2002. It appears that the options evaluated would have benefited with the results of the recent tests and that the recommended remedial option in that report is no longer the lowest cost or most effective option. Therefore, we request that a Feasibility Study (FS) incorporating the May 2006 data, be submitted with current costs and evaluations based on current information. In addition to cost, you must compare the abilities to meet cleanup goals and the expected time needed to meet the goals. Please submit your FS as requested below.

#### TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health according to the following schedule:

- October 23, 2006- Murray Engineers geotechnical report, ART dewatering test report and boring logs and Phase I report.
- October 23, 2006- Feasibility Study
- October 23, 2006- Semi-Annual Monitoring Report



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

#### ELECTRONIC SUBMITTAL OF REPORTS

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#### PERJURY STATEMENT

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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

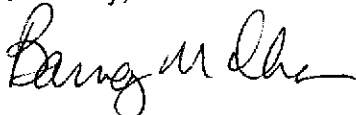
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

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If you have any questions, please call me at (510) 567-6765.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

cc: files, D. Drogos

Ms. Gail Jones, ERAS Environmental, Inc., 1533 B St., Hayward, CA 94541

Mr. S. Ramdass, SWRCB Cleanup Fund, 1001 I St., P.O. Box 944212, Sacramento,  
CA, 94244

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



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December 28, 2005

Mr. Bob Lawlor  
RWL Investments, Inc.  
4919 Tidewater Ave., Unit B  
Oakland, CA 94601-4914

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

Dear Mr. Lawlor:

Subject: Fuel Leak Case No. [REDACTED] 4919 Tidewater Ave., Oakland 94601

Alameda County Environmental Health staff has reviewed the case file for the subject site including the November 7, 2005 *Technical Summary, Groundwater Monitoring Report for Quarter 3 2005*, and *Work Plan for Feasibility Study/Remedial Investigation* by ERAS Environmental. The work plan recommends performing pilot tests to evaluate remediation options previously described in your prior Environmental Restoration Services (ERS) Corrective Action Plan dated October 4, 2002. These tests include installing geotechnical borings to evaluate shoring needs for the excavation proposal, installing an extraction well and observation wells to estimate well pumping flow rates and the installation of test wells to evaluate chemical and biological injection options.

Our office believes that the site has already been characterized well enough to forgo these proposed pilot studies. As stated in the Site Conceptual Model, much is known about the hydrogeology of the site. The site lies along the eastern edge of the SF Bay. It is underlain with artificial fill comprised of gravel and sand. Beneath the fill is peat, which is then underlain with bay mud. The thickness of the fill varies from 3 feet near the southern portion of the site to 9 feet near Tidewater Ave. Petroleum releases from the former USTs, piping and remote dispensers have migrated through the permeable fill and impacted a large portion of the site as shown in the diesel distribution figures in soil and groundwater presented in the referenced report. Groundwater gradient has been variable, but the contaminant distribution indicates a northerly gradient perhaps a result of diurnal tidal influences. Please address the following technical comments and submit the technical reports requested below.

#### TECHNICAL COMMENTS

1. Preliminary Risk Assessment- Because the future use of the site may be residential, our office concurs with the goal of obtaining residential cleanup standards. Once you confirm the water quality at the site does not meet drinking water standard ie high TDS or unsustainable pump rate, your cleanup goals may reflect this. The site is located within ~500 feet of the Tidal Canal, therefore, soil and groundwater cleanup standards protective of aquatic organisms would be appropriate. We concur with the cleanup levels for diesel stated, 500 ppm in soil and 640 ppb in groundwater. Cleanup proposals should therefore be evaluated based upon their ability to meet these cleanup goals. An assumption has been made that the release at the site has been solely that of diesel, however, since TPH as gasoline and benzene have been

reported in soil and groundwater, post excavation will be required for these compounds as requested below.

2. Evaluation of Remedial Options- In-Situ Chemical and Biological Remediation. This approach relies on the addition of oxidants and chemicals that will enhance biological remediation. Because of the high levels of contamination, the existence of free product and the high organic composition of the peaty fill, this option does not appear to be a good candidate. It may, however, be appropriate once contaminant concentrations have been reduced and free product removed. Therefore, we do not concur with performing a pilot test using wells to monitor the injection of these chemicals.
3. Source Removal Excavation- CPT and direct push borings, extraction wells and a pump test are proposed prior to designing the excavation project. This is intended to protect the existing building and efficiently dewater the excavation area. We do not believe this work is necessary and do not concur with these proposals. The contamination has migrated beneath the existing building and remediation of this area would be best done after the removal of this building. We concur with the excavation and dewatering proposal as being the most efficient and timely remediation method to meet your cleanup goals. We believe that extraction wells, typically used in the dewatering of construction projects will likely remove as much water as reasonably possible prior to your excavation. It also appears that excavation and dewatering should be extended beyond the initially proposed area shown in Figure 11, since diesel contamination has migrated north below and beyond the existing building. This should be visually evident and documented by sampling during the initial excavation.
4. Post Excavation Soil Sampling- We request that extracted groundwater be able to be sampled from specific areas prior to storage into tanks. This will allow an estimation of where contamination exists and allow you to monitor the effects of the groundwater removal/remediation. We also will require post-excavation soil sampling of the excavation floor at a frequency of 1 per every 400 square feet. To confirm the presence or absence of TPHg, BTEX and aromatics, we request that your soil samples within the highest estimated TPHd impacted areas (10,000 ppm isocon) also be analyzed for TPHg, BTEX and VOCs by EPA Method 8260.
5. Post Excavation Groundwater Sampling- Some, if not all, monitoring wells will be decommissioned during the remediation. Groundwater sampling is required to verify the residual contaminant concentrations in groundwater as well as define the limits of the plume. Please provide a post excavation groundwater monitoring work plan as requested below.
6. Additional Reports- We are aware that at least one additional Phase I report exists which identifies a former incinerator at the site. Please provide copies of all reports not referenced in Appendix A of the ERAS 11/7/05 report and recommendations for further investigation as warranted.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health according to the following schedule:

- January 30, 2006- Copies of all supplemental reports and recommendations per item 6.
- 60 days after completion of excavation- soil and groundwater sampling report
- 60 days after completion of excavation- groundwater monitoring work plan

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.

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If you have any questions, please call me at (510) 567-6765.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: files, D. Drogos

Ms. Gail Jones, ERAS Environmental, Inc., 1533 B St., Hayward, CA 94541

12\_20\_05 4919 Tidewater

20107

4919 Tidewater Ave. Unit #B  
Oakland, CA 94601  
Ph # 510 434-0176 Fax # 510 434-0216  
Cell # 415 279-7003

**R. W. L. Investments,  
Inc.**

# Fax

To: MR. Barney Chan From: Bob Lawlor

Fax: 510-337-9335 Pages: 1

Phone: \_\_\_\_\_ Date: 12/3/04

Re: \_\_\_\_\_ CC: \_\_\_\_\_

- Urgent     For Review     Please Comment     Please Reply     Please Recycle

● Comments:

Please see Attached letter from  
our buyers of these properties

Where should we start?

I will get in touch with Ben Halstead  
for a New Work Plan.

*Bob Lawlor*

Nov 30 04 02:50P

MOUNTAIN HOTEL

TIDEWATER AVENEUE ASSOCIATES, LLC  
1980 Mountain Blvd., Suite 214 Oakland, CA 94611  
Office 510-450-0714 Fax 510-450-0827

November 30, 2004

Bob Lawlor  
4919 Tidewater Ave Unit B  
Oakland, CA 94601  
Phone 415-279-7003  
Fax 510-434-0216

Re. 4919 and 4909 Tidewater

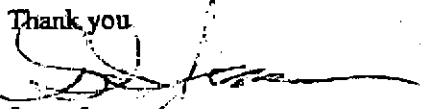
Dear Bob

Per my discussion with you about what type of structures that are going to be built on the property. Sorry I did not get back to you sooner but the planner that has been working with us on the property did not get back to me until today. The buildings that are close to the water will have front and rear yard access, other buildings will have stacked units on top of them, some of them will be taller than 3 stories with underground parking.

With ground water issues in that area we should make every attempt to clear the site completely.

Please let me know if we can stock pile the dirt as we have various sites in the Oakland Hills that has good fill that is clean and will work under these buildings.

Thank you

  
Steve Jaca



**Drogos, Donna, Env. Health**

---

**From:** Drogos, Donna, Env. Health  
**Sent:** Friday, October 29, 2004 11:12 AM  
**To:** 'John Wolfenden'  
**Cc:** Derek Whitworth ; Stephen Hill; Betty Graham; Levi, Ariu, Env. Health  
**Subject:** RO107- 4919 Tidewater, Oakland, Site Designation Request

John,

Background: The site is owned by DiSalvo Trucking & the consultant is Piers Environmental Services.

Significant amounts of free product were present at UST removal in 1989. Notices of violation were issued by ACEH for the site due to lack of response by RP to ACEH directives. ACEH & RWQCB held a pre-enforcement review panel with the RP in 1994. As a result of the review panel a 13267 directive letter was issued by the RWQCB on behalf of ACEH reiterating ACEH directives. Intermittent investigation activities occurred on & off through 1999 and ACEH issued notices of violation and non-compliance during this time period. Much of the work proposed by the RP & approved by ACEH was not performed at the site.

In Feb 2001 ACEH approved a CAP for the site and a cleanup action (excavation) pending development of the site, however this cleanup action was not implemented by the RP. In Oct. 2002 ACEH was notified that the development plans for the site had fallen through & the RP was no longer proposing excavation. Based upon their lack of urgency for site closure as development was no longer an issue, the RP changed their CAP and proposed a longer term remedial action of recovery trenches & injection of hydrogen peroxide and hydrogen consuming micro-organisms. In Oct. 2003 ACEH requested a pilot study be performed to demonstrate that the proposed remedial action is appropriate for the site, other technical directives were also given. ACEH also notified the RP that the CAP would go through the public participation process and requested the RP provide additional information to begin this process. Additionally, the RP was requested to submit semi-annual GW monitoring reports.

To date the RP has not complied with ACEH's Oct 2002 directive letter & we have not received any reports for this site since Oct. 2002. Only limited intermittent free product removal has occurred at this site and significant free product remains in place.

ACEH caseworker Barney Chan spoke with Ben Halstead of Piers on Aug. 25, 2004. Piers indicated they would be submitting a revised proposal for performing excavation at the site (changing back to the scope of work in the original CAP of 2001) to expedite potential development of the property. Barney requested submittal of information regarding the residential development and their timeframe and indicated that ACEH could work with them to schedule regulatory review in relation to the proposed development schedule.

On Sept. 16, 2004, I spoke with Stuart Solomon from Piers re: the site. He said the RP had not performed any investigation/cleanup work at the site in 5 years. He indicated that there were plans for high density housing at the site and the RP wanted to fast track closure. I requested that he have the developer/RP contact ACEH re: the development plans for the site and their development timeframe and that ACEH would review and a regulatory timeframe could be established with them.

To date ACEH has not been contacted by the RP or developer regarding this site, any development plans, or plans to implement the CAP and remedial actions at this site. Further, ACEH has not stated nor indicated that it is unable to perform oversight work on any of its sites.

Please contact me to discuss the site further. Donna

Donna L. Drogos, PE  
LOP/TOXICS Program Manager  
Alameda County Environmental Health  
1131 Harbor Bay Parkway  
Alameda, CA 94502

510-567-6721  
donna.drogos@acgov.org

10/29/2004

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

From: John Wolfenden [mailto:JDW@rb2.swrcb.ca.gov]  
Sent: Thursday, October 28, 2004 5:15 PM  
To: Drogos, Donna, Env. Health; Betty Graham  
Cc: Derek Whitworth ; Stephen Hill  
Subject: Re: 4919 Tidewater, Oakland, Site Designation Request

Betty / Donna:

Please see below email. Do either of you know anything about a site owned by RWL Investments, Inc., located at 4919 Tidewater Avenue, Oakland? I haven't heard of it.

>>> Stephen Hill 10/28/04 03:49PM >>>

this site doesn't sound familiar ... I will check with John Wolfenden, whose section covers Alameda Co, and get back to you ...  
cheers

>>> "Barbara Cook" <BCook@dtsc.ca.gov> 10/28/04 03:04PM >>>

Stephen - are you aware of this?

The Site Designation Committee has received an application from RWL Investments, Inc., located at 4919 Tidewater Avenue, Oakland, CA. The application requests that the SF Bay Regional Water Quality Control Board be designated as the administering agency, citing that Alameda County is currently understaffed, and not able to do oversight work.

Can you give me a brief description so I can response to my HDQTRS request of "Any comment?"

Thanks

10/29/2004

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



February 11, 2003

RO0000107

ENVIRONMENTAL HEALTH SERVICES

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

Messrs. John Tounger and Charles Lawlor  
RWL Investments  
859 Harrison St.  
San Francisco, CA 94107-1124

Dear Messrs. Tounger and Lawlor:

**Re: Di Salvo Trucking, 4919 Tidewater Ave., Oakland, CA 94601**

Please be advised that I have been recently assigned to oversee the above referenced site. Therefore, all documents, reports, and correspondences should be addressed to my attention. In fact, I have received numerous other "new cases", which I need to get familiar with and proceed forward as soon as practicable. In order to keep continuity and to reduce confusion, I will try to follow up on the work/guidelines previously requested by my colleague of this office.

However, to expedite this so called "familiarization" process, please fill out and submit to me the attached table as soon as possible. Please fill out the attached table with the latest information regarding the chemical concentrations. If you have any questions, please call me at (510)-567-6876. Thank you very much for your cooperation.

Sincerely,

Amir K. Gholami, REHS  
Hazardous Materials Specialist

C: Mr. B. Halsted, Environmental Restoration Services, 500 Santa Cruz Ave., Menlo Park, CA 94025  
Ms. S. Knieriem, SWRCB Cleanup Fund, 1001 St., 17<sup>th</sup> Floor, Sacramento, CA 95814-2828

Depth to groundwater	
Groundwater flow gradient and speed	
Benzene (ppb)	
Toluene (ppb)	
Ethylbenzene (ppb)	
Xylene (ppb)	
MTBE (ppb)	
TPHg (ppb)	
TPHd (ppb)	
Solvents if any (ppb)	
Heavy Metals if any	
Well Screen levels	
Date information collected for concentrations	
Other Pertinent information regarding this site	

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY  
DAVID J. KEARS, Agency Director

October 21, 2002

Messrs. John Tounger and Charles Lawlor  
RWL Investments  
859 Harrison St.  
San Francisco, CA 94107-1124

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

Dear Messrs. Tounger and Lawlor:

Subject: Fuel Leak Case RO0000107, Di Salvo Trucking, 4919 Tidewater Ave., Oakland,  
CA 94601

Alameda County Environmental Health, Local Oversight Program (LOP), has received and reviewed the September 27, 2002 Groundwater Monitoring report and the October 4, 2002 Revision of ERS February 6, 2001 Corrective Action Plan. We request that you address the following technical comments when performing the requested work at your site and submit the technical reports below.

Technical Comments

1. Please include a cover sheet signed by the responsible parties authorizing all reports submitted to our office.
2. In all future groundwater monitoring reports, please include a table of historical groundwater analytical data, depths to water and gradient direction.
3. Note that our office previously requested that wells be monitored semi-annually and provide on a quarterly basis an update on free product removal. Site compliance requires the submittal of technical reports on this schedule.
4. Because there is no longer an urgency for site closure, your consultant has changed their Corrective Action Plan, (CAP), recommendation. They now propose the installation of additional recovery trenches, groundwater extraction and discharge to the sanitary sewer and later, the injection of both hydrogen peroxide and hydrocarbon consuming micro-organisms (HCMO). This remedial action would be significantly less costly than the previously proposed remedial action, soil excavation and groundwater removal. Prior to our approval, our office requests that you perform a pilot extraction test on the existing trench to verify the expected groundwater extraction rate. We also request that you consider initial injection of microbes, nutrients and oxygen up-gradient of the contaminant plume. The treated water may then be considered for re-injection as opposed to disposal to the sanitary sewer. Please be aware that perimeter monitoring wells will be required to determine the lateral extent of the groundwater plume. The three wells proposed in Figure 3 of the revised CAP are reasonable locations for perimeter wells. Your CAP must be provided to the public for comment prior to approval. To facilitate this, please provide the names and addresses of the neighboring property owners. A figure indicating the locations of these addresses would be helpful so our office can determine the appropriate stakeholders.

Technical Report Request

- November 21, 2002-CAP Addendum to address the above-mentioned items
- April 11, 2003- Semi-annual monitoring report

Please note, failure to provide the technical reports as requested may cause your case to be referred to an appropriate agency for enforcement and may also result in your becoming ineligible for the Cleanup Fund.

Messrs. John Tounger and Charles Lawlor  
RO0000107  
Di Salvo Trucking, 4919 Tidewater Ave., Oakland, CA 94601  
October 21, 2002  
Page 2

If you have any questions, please contact me at (510) 567-6765.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

✓ C: B. Chan, files

Mr. B. Halsted, Environmental Restoration Services, 500 Santa Cruz Ave., Menlo Park,  
CA 94025

Ms. S. Knieriem, SWRCB Cleanup Fund, 1001 I St., 17<sup>th</sup> Floor, Sacramento, CA 95814-2828

Mr. S. Ramdass, SWRCB Cleanup Fund, 1001 I St., 17<sup>th</sup> Floor, Sacramento, CA 95814-2828

RevCAP4919Tidewater

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

February 15, 2001  
StID # 3687

Messrs. John Tounger and Charles Lawlor  
RWL Investments, Inc.  
859 Harrison St.  
San Francisco, CA 94107-1124

**Re: Corrective Action Plan (CAP) for DiSalvo Trucking, 4919 Tidewater Ave.,  
Oakland 94601**

Dear Messrs. Tounger and Lawlor:

Our office has received and reviewed the February 6, 2001 Corrective Action Plan (CAP) for the above referenced site as prepared by Environmental Restoration Services. This report reviews the past actions at the site and evaluates three potential remediation options. As you are aware, because of the closeness of the San Leandro Bay, this site represents a significant threat to surface water and the ecology. The site has been fairly well characterized and it appears that the diesel fuel release from the former tank and pipelines has spread to a large area throughout the shallow fill materials of sand and gravel. Localized areas of free product still remain and have been partially removed through the existing extraction trench and recovery well. The native clay, bay mud, has likely contained the vertical migration of the contaminant.

The three proposed corrective action plans were:

1. Enhanced bio-remediation by injecting a 10% solution of hydrogen peroxide and Hydrocarbon Consuming Micro-Organisms (HCMO). This also included a slurry wall to prevent further plume migration and additional down-gradient wells.
2. Groundwater extraction from an extended recovery trench system. This may also require addition of hydrogen peroxide and HCMO to reach acceptable clean-up levels within a reasonable time frame.
3. Excavation of the shallow affected soils and confirmation sampling coupled with additional monitoring.

Upon review of these three potential remediation plans, the first two have an inherent disadvantage because they rely solely and partially on enhanced bio-remediation. This technique can require several to many years to reduce dissolved contaminant concentrations and may require additional application of chemicals or microbes. Time and groundwater monitoring costs are negatives to this approach. Because the contamination is limited to shallow fill soils and this approach is expected to be able to reach acceptable clean-up goals quickly, your consultant recommends the third alternative. The cost of this remediation is comparable or less than the expected remediation costs of the other two alternatives.

Our office concurs with the evaluation and prognosis of these remediation plans and therefore approves the excavation of shallow soils. However, prior to initiating this remediation, we have the following observations/requests:

Messrs. John Tounger and Charles Lawlor  
February 15, 2001  
StID # 3687, 4919 Tidewater Ave., Oakland  
Page 2

- The proposed limits of the excavation should be refined after obtaining additional analytical data. Another groundwater sampling event should be scheduled to confirm the October 2000 diesel concentrations. The groundwater samples should be treated with silica gel prior to analysis. This treatment should be done on **all** subsequent groundwater analyses. Please also run a spiked blank (known diesel standard in water) through this same treatment to determine if any recovery problems occur through this method. Based upon sampling results, you should revise the area of the proposed excavation as necessary.
- To help make quick decisions during this work, a mobile laboratory should be present to analyze representative water and soil samples to help determine the extent of excavation and progress of the remediation.
- After the completion of excavation, a number of backfill wells should be placed within the excavation to allow groundwater sampling and verify the results of this remediation. During this time, the need for additional down-gradient wells and a future monitoring schedule should be proposed. Clean-up levels can also be discussed.

Please provide a proposed schedule for the requested additional groundwater monitoring and initiating excavation.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

✓ C: B. Chan, files  
Mr. B. Halsted, Environmental Restoration Services, 500 Santa Cruz Ave., Menlo Park,  
CA 94025  
Ms. S. Knieriem, SWRCB Cleanup Fund, 1001 I St., 17<sup>th</sup> Floor, Sacramento CA 95814-2828  
CAPap4919Tidewater

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



January 4, 2001  
StID # 3687

Messrs. John Tounger and Charles Lawlor  
RWL Investments, Inc.  
859 Harrison St.  
San Francisco, CA 94107-1124

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

**Re: Subsurface Investigation at 4919 Tidewater Ave., Oakland CA 94601**

Dear Messrs. Tounger and Lawlor:

Our office has received and reviewed the December 27, 2000 Investigative Report prepared by Piers Environmental, Inc. (Piers), your consultant, detailing the results of recent investigative borings at the above referenced site. This investigation was performed to better characterize the extent of the soil and groundwater contaminant (diesel) plume. A total of sixteen (16) shallow borings were advanced, from which, soil and groundwater samples were collected and analyzed by an on-site mobile laboratory. Soil contamination appears to be limited in extent, however, the dissolve diesel plume is illustrated as a large ellipse as represented in the report's Figure 2. Though no free product was noted in the borings, up to 670 parts per million (ppm) diesel was reported in the groundwater sample from soil boring SB-10, the boring located closest to the recovery sump. This concentration is indicative of free product, even though its appearance is dependent on variables such as depth to water, soil type, etc. Though the dissolved plume does not appear to have migrated to the bay as yet, the dissolved plume still serves as a source of contamination and likely still contains areas of free product. Therefore, continued remediation is necessary in addition to groundwater monitoring. Natural bio-remediation has not reduced the dissolved concentrations sufficiently.

The groundwater sample results from this investigation are assumed more representative than that of the October 2000 monitoring event since these samples were filtered and treated with a silica gel clean-up prior to chemical analysis.

Piers recommends the following:

- Obtain a sanitary sewer permit (EBMUD) to discharge extracted diesel impacted groundwater and
- Extend the existing groundwater extraction system from the recovery sump northwest to the terminal building.

Our office has previously approved the extension of the existing recovery trench as proposed in the August 1995 Environmental Restoration Services' Investigative Report. At that time an additional recovery trench was proposed which would extend from monitoring wells MW-2 to MW-3. Given the extent of contamination shown in Figure 2, additional recovery trenches in other areas would appear necessary, particularly if you are relying solely on a gravity fed collection system. Therefore, please extend the groundwater extraction system to affect the entire diesel plume. In addition, please perform monthly inspection of the recovery sump and remove any free product present during the inspection.



Messrs. Tounger and Lawlor  
4919 Tidewater Ave., Oakland 94601  
StID # 3687  
January 4, 2001  
Page 2

Please initiate semi-annual monitoring at this site and on a quarterly basis, provide an update on the status of the additional recovery trench installation. Since your last monitoring event was performed in October 2000, your next monitoring event should be performed in April of 2001. You may also start your quarterly update reports in April of 2001. To remain in regulatory compliance, you must comply with this reporting schedule and make progress in installing the additional extraction trenches.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

✓ C: B. Chan, files

Mr. B. Halsted, Piers Environmental Services, Inc., 1330 S. Bascom Ave., Suite F,  
San Jose, CA 95128

Ms. S. Knieriem, SWRCB Cleanup Fund, 2014 T. St., Suite 130, P.O.Box 944212,  
Sacramento, CA 94244-2120

Ssi4919

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

November 28, 2000  
StID # 3687

Mr. Charles Lawlor  
RWL Investments, Inc.  
859 Harrison St.  
San Francisco, CA 94107-1124

**Re: Groundwater Monitoring Report and Investigative Workplan for DiSalvo Trucking,  
4919 Tidewater Ave., Oakland CA 94601**

Dear Mr. Lawlor:

Our office met with your consultant, Mr. Ben Halsted, of Piers Environmental Services on 11/27/00. Mr. Halsted provided us the two referenced reports and stated your intention to continue and complete the environmental investigation at this site.

This letter serves to comment on the submitted reports. The groundwater monitoring report provides the analytical results for an October 16, 2000 sampling event and also describes the attempt to remove free product on three occasions this year from the recovery sump adjacent to the former tank pit. It appears that free product (diesel fuel) is still being recovered at a rate similar to that in 1999. A total of 75 gallons of free product was removed from the site accounting for that removed in 1999 and 2000. Apparently 4500 gallons of diesel impacted water remains onsite in an aboveground tank.

- Piers recommends that this water be treated and discharged if approved by the Bay Area Regional Water Quality Control Board. This is acceptable. Please provide our office with a copy of their authorization prior to discharging this water.
- Piers recommends continued monthly free product removal from the recovery sump. Please provide a running and cumulative total of free product removed in all monitoring reports.

The October 16, 2000 monitoring results report elevated diesel in monitoring wells MW2, MW3 and MW4. Note the reported levels are significantly higher than the Tier 1 clean-up level of 640 ppb (parts per billion) recommended for the San Francisco Airport Water Board order used on sites similar to this. However, these results are questionable since the analyses were done without silica gel treatment or filtering.

- Piers recommends, as previously requested by our office, continued quarterly monitoring. Therefore, your next monitoring event should occur in January 2001. Please filter all groundwater samples through a 0.45 micron filter and treat with silica gel prior to chemical analysis as recommended by the Water Board.
- All future monitoring reports should include cumulative monitoring results to allow for easier trend comparisons.
- The monitoring report also provides iso-concentration maps showing the distribution of gasoline, diesel and benzene in groundwater. The proposed work plan will allow a refinement of these maps to reflect current conditions.

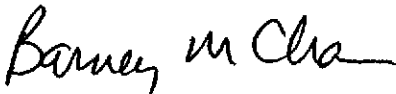
Mr. C. Lawlor  
StID # 3687  
4919 Tidewater Ave., Oakland 94601  
November 28, 2000  
Page 2

The proposed investigative work plan calls for the advancement of approximately 20 borings site-wide to characterize the extent of diesel contamination in soil and groundwater. This should identify those highly impacted areas that may need active remediation. Both soil and groundwater samples will be collected for analysis. The soil samples will be collected at the groundwater interface while the groundwater samples will be collected with a disposable bailer.

- Please filter and provide a silica gel clean-up on all groundwater samples. Your soil extract should also have a silica gel clean-up prior to analysis.
- Because gasoline and BTEX has been historically low in groundwater, Piers recommends that only diesel be run on the samples. This is approved with the exception of any sample taken near the Tidewater Ave. entrance gate where the sample from EB-2 exhibited considerable gasoline. Any sample taken in this area should be run for gasoline and BTEX. All others will be run for TPH as diesel only.
- Piers does not recommend determining the vertical extent of groundwater contamination given the presence of the bay mud aquitard. This is acceptable.
- Though the exact number and locations of borings is not firm and is left to the field engineer, please keep in mind that prior field results indicate the extent of contamination is limited in a few directions around the former tank pit and may not need further investigation. However, at least one additional boring should be advanced within the former tank pit to see if free product or elevated contamination exists in the former source area. I understand that this work is tentatively scheduled for early December 2000 and the results of this investigation will be included in a remedial action proposal to be included in your investigation report.
- Please notify our office of all field work scheduled at this site.

Our office will consider your site in compliance contingent on your completion of the approved monitoring and investigation proposals. You may contact me at (510) 567-6765 if you have any comments or questions.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

✓ C: B. Chan, files

Mr. B. Halsted, Piers Environmental Services, Inc., 1330 S. Bascom Ave., Suite F,  
San Jose, CA 95128

Mr. M. O'Connor, Alameda County District Attorney's Office

Mr. C. Headlee, RWQCB

Ms. S. Knieriem, SWRCB Cleanup Fund, 2014 T. St., Suite 130, P.O. Box 944212,  
Sacramento, CA 94244-2120

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

November 1, 2000  
StID # 3687

Mr. John Tounger  
DiSalvo Trucking  
859 Harrison St.  
San Francisco, CA 94107-1124

**FINAL NOTICE OF VIOLATION**

**Re: Request for Technical Reports for Subsurface Investigation at DiSalvo Trucking, 4919  
Tidewater Ave., Oakland CA 94601**

Dear Mr. Tounger:

Our office last wrote you in my September 11, 2000 Notice of Violation. I have enclosed a copy of this letter for your reference. This letter requested specific technical reports and actions regarding the above site. These reports were to be submitted to our office no later than October 16, 2000. To date, we have not received any reports. The consequences of non-compliance were outlined in detail.

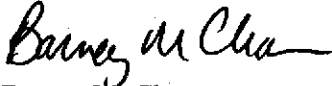
**This letter is your Final Notice. Please provide the bulleted items in the letter to our office within 30 days or no later than December 1, 2000. Failure to submit the requested items will cause the following:**

- **The County will request that the State Water Resources Control Board Cleanup Fund remove your Letter of Commitment (LOC) for the potential reimbursement of past cleanup expenses up to \$250,000.**
- **The County will request that the Regional Water Quality Control Board (RWQCB) seek civil liability for failing to comply with their February 24, 1994 Legal Request for Submittal of Technical Reports following the January 18, 1994 Pre-Enforcement Hearing**
- **The County will request that the Alameda County District Attorney Office seek civil liability for DiSalvo Trucking non-compliance with underground tank closure requirement pursuant to Title 23 of the California Underground Storage Tank Regulations.**

You should contact our office immediately to notify us of any actions you are taking to come into compliance. You may contact me at (510) 567-6765.

Mr. John Tounger  
DiSalvo Trucking, 4919 Tidewater Ave., Oakland  
November 1, 2000  
StID # 3687  
Page 2.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

Enclosure (Mr. Tounger)

C: B. Chan, files

Mr. B. Halsted, Piers Environmental, 1330 S. Bascom Ave., Suite F, San Jose, CA 95128

Mr. M. O'Connor, Alameda County District Attorney Office

Mr. C. Headlee, RWQCB

Ms. S. Knieriem, SWRCB Cleanup Fund, 1001 I St., 17<sup>th</sup> Floor, Sacramento, CA 95814

FNOV4919Tidewater



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

September 11, 2000  
StID # 3687

Mr. John Tounger / *Charles Lawler*  
RWL Investments, Inc.  
859 Harrison St.  
San Francisco, CA 94107-1124

### NOTICE OF VIOLATION

**Re: Request for Technical Reports for Subsurface Investigation at 4919 Tidewater Ave.,  
Oakland, CA 94601**

Dear Mr. Tounger:

Our office last wrote to you in my September 3, 1999 letter, over one year ago. In this letter, I commented on the Piers Environmental Services, August 27, 1999 Groundwater Monitoring and Free Product Removal report. Piers Environmental had performed free product and groundwater removal from the recovery sump and measured the influence of this extraction at various distances from the extraction point. Since this appeared to have removed measurable amounts of free product, our office and your consultant recommended that the recovery sump be extracted on a regular basis. My letter also mentioned that you consider expanding the existing extraction trench, investigate the addition of oxygen to groundwater and requested that you perform quarterly groundwater monitoring at the site. Since this time, our office has not received any monitoring or status reports and assumes no additional investigation or remediation has occurred.

At this time, our office requests the following actions:

- Provide information and documentation for the proper disposal of the free product and groundwater removed during the 1999 extraction from the recovery sump.
- Provide a map indicating the extent of free product based upon the data available.
- Provide iso-concentration maps for soil and groundwater based upon the data available.
- Provide a current groundwater monitoring report and continue to monitor the existing wells on a quarterly basis.
- Perform an inspection of the recovery sump for free product and determine whether groundwater extraction should be continued.
- Discuss the need to perform additional soil and groundwater investigation to provide current information and fill in data gaps in the maps requested above.
- Discuss the need to extend the existing recovery trench to include other areas where free product is present.

**Please provide the above requested technical information to our office within 30 days or no later than October 16, 2000.**

Mr. John Tounger  
StID # 3687  
4919 Tidewater Ave., Oakland 94601  
September 11, 2000  
Page 2.

Because you have not performed the previously requested work, your site is considered out of compliance with our office and your eligibility to the State Water Resources Control Board Cleanup Fund (the Fund) should be reconsidered. The Fund is being notified of your non-compliance by way of copy of this letter.

In addition, the failure to submit the requested reports and perform the requested investigations as required by the California Code of Regulations and Section 13267 (b) of the California Water Code may subject you to civil liability. You are advised that the above requested items should be added to those items listed in the **February 24, 1994 Legal Request for Submittal of a Technical Report** from the Regional Water Quality Control Board.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

✓ C: B. Chan, files

Mr. Ben Halsted, Piers Environmental Services, Inc., 1330 S. Bascom Ave., Suite F,  
San Jose, CA 95128

Mr. Micheal O'Connor, Alameda County District Attorney's Office, 7677 Oakport St.,  
Oakland CA 94621

Mr. C. Headlee, RWQCB

Ms. S. Knieriem, SWRCB Cleanup Fund, 2014 T. St., Suite 130, P.O. Box 944212,  
Sacramento, CA 94244-2120

NOV4919Tidewater

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) 567-8700  
(510) 337-9335 (FAX)

September 3, 1999  
StID # 3687

Mr. John Tounger  
RWL Investments, Inc.  
859 Harrison St.  
San Francisco, CA 94107-1124

**Re: Subsurface Investigation at Di Salvo Trucking, 4919 Tidewater Ave., Oakland 94601**

Dear Mr. Tounger:

Thank you for the submission of the Piers Environmental Services, Inc. August 27, 1999 Groundwater Monitoring and Free Product Removal report. This report details the results of free product removal, testing for groundwater extraction area of influence and testing for chemical and bio-parameters. Prior groundwater sampling occurred last in August of 1995.

Our office has reviewed this report and we have the following observations and comments:

- Free product still exists at the site and is being captured in the recovery trench previously installed along the former remote fill lines. At a minimum, our office recommends the removal of free product from the recovery sump on a regular basis.(as long as free product exists). Your consultant recommends semi-monthly.
- Prior work plans proposed the expansion of the existing extraction trench. It appears that this might remove additional free product and hasten source removal. You should reconsider this action.
- The dissolved oxygen levels indicate that aerobic bio-degradation may be occurring, however, the oxygen levels are less than optimal for bio-degradation. Please investigate the addition of dissolved oxygen. This may be reasonable remediation approach given the shallow groundwater encountered at this site.
- Our office agrees with your consultant that quarterly groundwater monitoring should continue at this site including both chemical and bio-indicator parameters.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

c: **B. Chan, files**

Mr. Ben Halsted, Piers Environmental, 1330 S. Bascom Ave., Suite F, San Jose, CA 95128



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)

July 27, 1999  
StID # 3687

Mr. John Tounger  
RWL Investments, Inc.  
859 Harrison St.  
San Francisco, CA 94107-1124

**Re: Request for Technical Reports for Environmental Testing at Di Salvo Trucking  
4919 Tidewater Ave., Oakland CA 94601**

Dear Mr. Tounger:

As you are aware, Piers Environmental performed environmental testing at the above site in May of this year. This work was in accordance to their April 23, 1999 work plan and my subsequent April 27, 1999 comment letter. I was present to observe some of the work on May 26, 1999. At this time, a pump test was being performed on the recovery sump at the site. Groundwater was being pumped to an above ground tank and temporary wells were being used to measure groundwater draw-down along the extraction trench. In addition, the four monitoring wells were to be sampled for both chemical and bio-parameters. Our office requested that groundwater monitoring continue on a quarterly basis thereafter.

An investigation report was to be submitted to you including recommendations on interim remedial actions. Please provide this report or at a minimum, a status report of this work **within 30 days or by August 27, 1999.**

Please be aware that recent updates of the San Francisco International Airport Clean-up order have been adopted which may clarify the clean-up requirements for soil and groundwater at this site.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

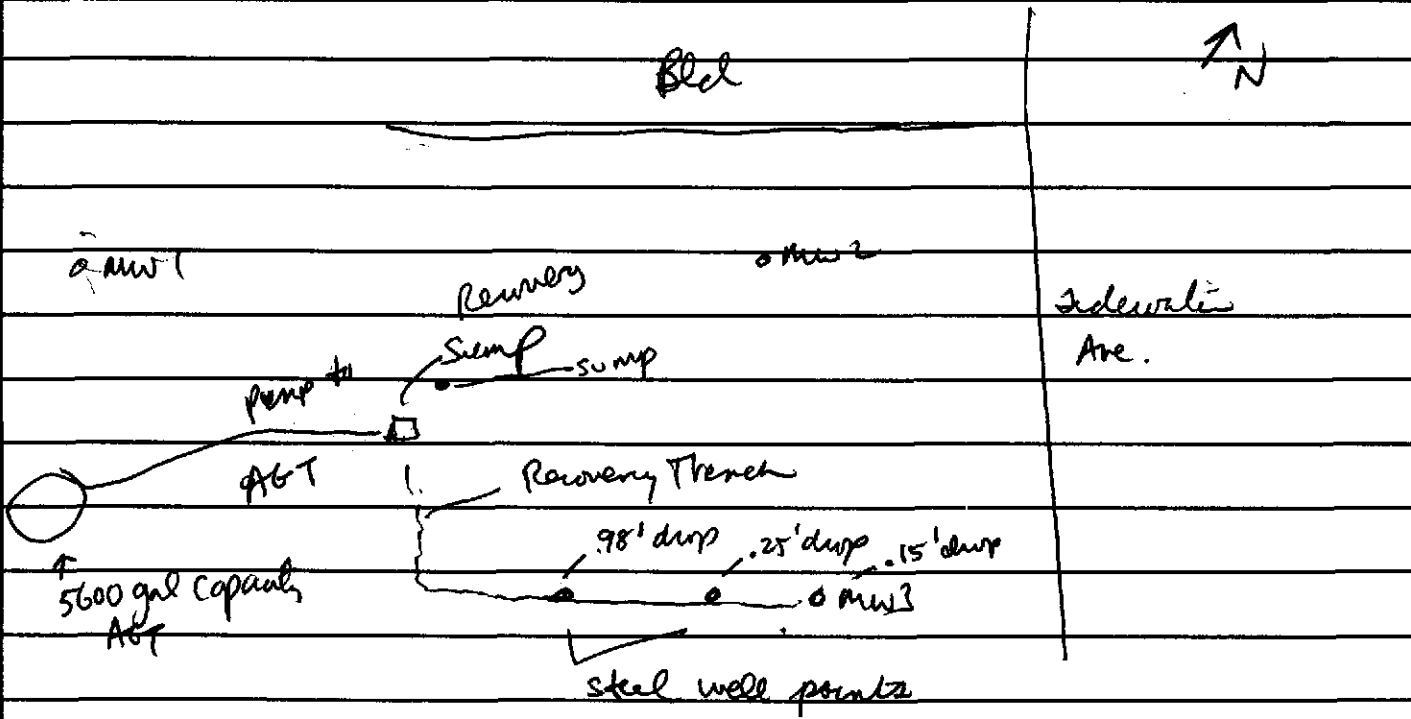
C: B. Chan, files

Mr. B. Halsted, Piers Environmental Services, Inc., 1330 S. Bascom Ave., Suite F,  
San Jose, CA 95128

Ms. S. Knieriem, SWRCB Clean-up Fund, 2014 T. St., Suite 130, P.O. Box 944212,  
Sacramento, CA 94244-2120

HAZARDOUS WASTE GENERATOR INSPECTION REPORT

STID # 3687 FACILITY NAME: DiSalvo Trucking 4919 Indevator PG. 1 OF 1  
 SUPPLEMENTAL FORM 94601



Approx 1200 gal of fluids pumped from recovery sump  
 B. Halsted of Piers presents. Will attempt to return regulated  
 (whey?) to fill AGT. Will also pump fluids from other sump  
 next to recovery sump.  
 Discussed the addition of ORC grant in buying as the  
 step to reduce dissolved conc. < eco levels (.3-.4 mg/L)

PRINT NAME: \_\_\_\_\_ INSPECTED BY: BCHAN  
 SIGNATURE: \_\_\_\_\_ DATE: 5/26/99

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

ENVIRONMENTAL PROTECTION (LOP)

1131 Harbor Bay Parkway, Suite 250

Alameda, CA 94502-6577

(510) 567-6700

FAX (510) 337-9335

April 27, 1999

StID # 3687

Mr. John Tounger  
RWL Investments, Inc.  
859 Harrison St.  
San Francisco, CA 94107-1124

**Re: Work Plan for Pump Test and Groundwater Sampling at Di Salvo Trucking, 4919  
Tidewater Ave., Oakland CA 94601**

Dear Mr. Tounger:

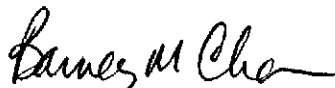
Our office has received and reviewed the April 23, 1999 letter work plan for the above site as prepared by Piers Environmental Services, Inc. Hopefully, the proposed work will actually be performed this time, unlike the prior work plan submissions. As you are aware, our office currently considers this site out of compliance and ineligible for the Cleanup Fund. Nevertheless, I have discussed the work plan's contents with Mr. Ben Halsted and we have reached the following compromises/modifications to it:

- Prior work plans had proposed the installation of up to two (2) additional collection trenches to recover any free product from a larger area. I questioned why these trenches were no longer being recommended. Mr. Halsted responded that there is a possibility that natural bio-degradation has occurred to reduce the amounts of free product. The majority of the original free product was located along the existing trench and would be captured in the proposed pump test. It was, therefore, agreed that we would use the results of the pump test to judge whether additional free product may exist and whether the other trenches are needed.
- Groundwater monitoring wells should be sampled before the pump test to insure that current groundwater conditions are obtained to represent the existing baseline condition.
- In order to determine the potential for natural bio-degradation to occur, please analyze the monitoring well samples for the following parameters: dissolved oxygen, oxidation-reduction potential, nitrate, sulfate and iron +2. Please include an interpretation of their results in your report.
- It is recommended that prior to testing the groundwater samples for diesel, the sample should be treated with silica gel to remove any naturally occurring material, which may be detected in the diesel analysis.
- Groundwater monitoring is essential to obtain enough current data to recommend closure (if appropriate) for the site, therefore, continual monitoring should be included in this work plan.
- Please include in the investigative report, an estimate of the amount of fuel removed from both free and dissolved product.

Please contact me prior to performing any of the proposed work. I may be reached at (510) 567-6765 if you have any questions.

Mr. John Tounger  
StID # 3687  
Di Salvo Trucking, 4919 Tidewater Ave., Oakland 94601  
April 27, 1999  
Page 2.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

**C: B. Chan, files**

Mr. B. Halsted, Piers Environmental Services, Inc., 1330 S. Bascom Ave., Suite F, San Jose,  
CA, 95128

Ms. J. Duerig, Alameda County District Attorney Office, 7677 Oakport St., Suite 400,  
Oakland CA 94621

Ms. C. Gordon, SWRCB, Clean-up Fund, 2014 T. St., Suite 130, P.O. Box 944212,  
Sacramento, CA 94244-2120

Wpap-4919Tidewater

Shari Knieriem

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



March 1, 1999  
StID # 3687

Mr. John Tounger  
R. W. L. Investments, Inc.  
859 Harrison St.  
San Francisco, CA 94107-1124

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

**NOTICE OF VIOLATION**

**Re: Request for Technical Reports for DiSalvo Trucking, 4919 Tidewater Ave., Oakland  
CA, 94601**

Dear Mr. Tounger:

Our office last corresponded with you in my June 12, 1997 letter, which responded to a May 27, 1997 letter proposal from Mr. Bennett Halstad of Environmental Restoration Services. His proposal addressed the on-going investigation of the petroleum fuel release from the former underground tanks. It included on-going groundwater monitoring and the removal of free product and groundwater from the recovery sump. A groundwater sample was to be collected from the recovery sump after the groundwater removal for chemical analysis.

Our office approved this work plan and recommended the analysis of the natural attenuation parameters; dissolved oxygen, oxidation-reduction potential, nitrate, sulfate, alkalinity and ferrous iron. You were requested to add MTBE on a one-time basis to the existing parameters; TPHg, TPHd and BTEX, due to the current policy on this compound.

In addition, our office had recommended to the Underground Storage Tank Clean-up Fund, aka the Clean-up Fund, to withhold any reimbursement since the site was not considered to be in compliance. This was contained in my May 1, 1997 letter. The submittal and performance of the May 27, 1997 proposal from Mr. Halstad was intended to bring the site into compliance.

To date, our office has not received any groundwater monitoring reports for this site, nor are we aware of any work, which may have occurred.

You are requested to initiate groundwater monitoring immediately, including both chemical and natural attenuation parameters. In addition, please inspect the recovery sump for the presence of free product. You are recommended to perform a silica gel clean-up prior to analyzing your groundwater sample for TPHd. A monitoring report should be submitted to our office **within 45 days or by April 15, 1999 and quarterly thereafter.**

Please inform our office if the proposed groundwater extraction from the recovery sump is being scheduled and whether the proposed trench between monitoring well MW2 and MW3 is still being considered. It is anticipated that if free product is no longer present and groundwater contamination stabilizes below levels seen protective of ecological species, the site may be considered for closure. Please submit a status of this groundwater remediation in your next groundwater monitoring report.

Mr. John Tounger  
StID # 3687  
4919 Tidewater Ave., Oakland CA 94601  
March 1, 1999  
Page 2.

You should consider this a formal request for technical reports pursuant to the Water Code and the Health and Safety Code. The failure to submit the requested reports may subject DiSalvo Trucking to civil liability. This letter is also being sent to the Alameda County District Attorney's Office since this site has previously been issued a Legal Request for Technical Reports from the Water Board following a January 18, 1994 Pre-enforcement hearing at Alameda County Environmental Health's offices.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

✓ C: B. Chan, files

Mr. B. Halstad, Environmental Restoration Services, 1115 Merrill St., Menlo Park, CA 94025

Mr. C. Headlee, RWQCB, 1515 Clay St., Suite 1400, Oakland, CA 94612

Ms. J. Duerig, Alameda County District Attorney Office, 7677 Oakport St., Suite 400,  
Oakland, CA 94621

Ms. C. Gordon, SWRCB, Clean-up Fund, 2014 T St., Suite 130, P.O. Box 944212,  
Sacramento, CA 94244-2120

Reps-4919

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



June 12, 1997  
StID # 3687

Mr. John Tounger  
R.W. L. Investments, Inc.  
859 Harrison St.  
San Francisco, CA 94107-1124

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

**Re: DiSalvo Trucking, 4919 Tidewater Ave., Oakland 94601**

Dear Mr. Tounger:

Our offices have received and reviewed the May 27, 1997 letter proposal from Mr. Halstad of Environmental Restoration Services, (ERS). His proposal is two-fold. One is the resumption of groundwater monitoring of the existing four wells at the site and two is the one-time removal of water from the recovery sump-trench at the site. These actions will allow an estimation of the extent of contamination and seriousness of the current conditions. Our first concern is whether free product exists and secondly, if it doesn't, whether there are elevated levels of dissolved petroleum.

The proposed pump test is actually a determination of the sustainable pump rate which can be achieved plus the removal of what is expected to be the highest levels of contamination. Since this action constitutes source removal, this activity is approved. The analysis of groundwater after the extensive water removal will give a good estimation of the residual contamination near the former tank pit and product lines.

Because there has been little activity at this site since 1995, it is difficult to guess current conditions. It is, however, reasonable to determine if the site conditions are conducive to natural bioremediation. Assuming free product is not present and the groundwater plume is limited in extent, you should start analyzing the monitoring wells for the natural bioremediation parameters ie dissolved oxygen, oxidation-reduction potential, nitrate, sulfate, alkalinity and ferrous iron (Fe +2). Please initiate quarterly groundwater monitoring and include the above parameters along with the parameters; TPHg, TPHd and BTEX. Please also add MTBE on a one-time basis due the current concern with this fuel additive.

It appears that because of the shallow groundwater table and the permeable shallow fill material at the site, contamination is trapped between the surface and the deeper clayey peat layer, which acts as an aquitard. This site condition seems appropriate

Mr. J. Tounger  
StID # 3687  
4919 Tidewater Ave.  
June 12, 1997  
Page 2.

for an enhanced natural bioremediation approach. Please discuss the merits of this approach and propose a method to introduce the appropriate supplements to increase bioactivity.

With the conditions that the above items are performed, our office will consider this site in compliance.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

c: B. Chan, files

Mr. B. Halstad, ERS, 1115 Merrill St., Menlo Park, CA 94025  
Ms. Cheryl Gordon, State Water Resources Control Board,  
Clean-up Fund, 2014 T St., Suite 130, P.O. Box 944212,  
Sacramento, CA, 94244-2120

comp4919



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)

May 1, 1997  
StID # 3687

Ms. Cheryl Gordon  
State Water Resources Control Board,  
Clean-up Fund, 2014 T St., Suite 130,  
P.O. Box 944212, Sacramento, CA, 94244-2120

**Subject: Letter of Commitment for 4919 Tidewater Ave., Oakland  
CA 94601**

Dear Ms. Gordon:

Our office received a copy of the Cleanup Fund's Letter of Commitment (LOC) for the amount of \$250,000 for the above site. I would like to bring to your attention, that the Alameda County LOP currently considers the above site non-compliant. Based upon my review of this site, it appears that the last County correspondence was a November 22, 1996 **Notice of Violation** which followed a January 18, 1994 Pre-enforcement panel hearing and a subsequent February 24, 1994 **Legal Request for Submittal of Technical Reports** issued by the Regional Water Quality Control Board. Although some of the items in the **Request** letter were delivered, a number of items were not. Specifically, Environmental Restoration Services (ERS) submitted, and had approved, a work plan to install an additional extraction trench where water and free product would be directed to a collection tank for eventual disposal. Additionally, quarterly groundwater monitoring and reporting was to be implemented until further notice. No report on activities at this site have been provided to our office since August 1995. This constitutes non-compliance.

I recommend that your LOC be withheld until this site has been brought back into compliance.

If you have any questions, please call me at (510) 567-6765.

Sincerely,

Barney M. Chan,  
Hazardous Materials Specialist

c: B. Chan, files  
Mr. J. Tounger, RWL Investments, Inc., 859 Harrison St.,  
San Francisco, CA 94107-1124

90day4919



Ca/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 APR 15 AM 8:17

APR 10 1997

Stid#3687

BC



Pete Wilson Governor

JOHN TOUNGER  
R.W.L. INVESTMENTS, INC.  
859 HARRISON ST  
SAN FRANCISCO, CA 94107-1124

UNDERGROUND STORAGE TANK CLEANUP FUND, CLAIM NO. 002040, FOR SITE ADDRESS: 4919 TIDEWATER AVE, OAKLAND 94601

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 \$250,000. 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 in the LOC. The State Board will take steps to withdraw this LOC after 90 calendar days from the date of this letter unless you proceed with due diligence with your cleanup effort.**

NOTE: You must also submit your first reimbursement request for the costs that you reported to have incurred within 90 calendar days from the date of this letter or submit a **written** explanation as to the status of the cleanup and **when** a reimbursement request can be expected. Failure to submit a request or an approved explanation may result in the removal of committed funds. Claims filed with the Underground Storage Tank Cleanup Fund far exceed the funding available and it is important that you make use of the funding that has been committed to your cleanup in a timely manner.

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.



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.

APR 10 1997

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.
- "Bid Summary Sheet" to list information on bids received which **must be completed and returned.**
- "Certification of Non-Recovery From Other Sources" which **must be returned before any reimbursements can be made.**
- "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 Cheryl Gordon at (916) 227-4539.

Sincerely,



Dave Deaner, Manager  
UST Cleanup Fund Program

Enclosures

cc: Mr. Steve Morse  
RWQCB, Region 2  
2101 Webster St., Ste. 500  
Oakland, CA 94612

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



LETTER OF COMMITMENT FOR REIMBURSEMENT OF COSTS

CLAIM NO: 002040

AMENDMENT NO: 0

CLAIMANT: R.W.L. INVESTMENTS, INC.

BALANCE FORWARD: \$0

CO-PAYEE: NONE

THIS AMOUNT: \$250,000

JOINT CLAIMANT: NONE

NEW BALANCE: \$250,000

ATTN: JOHN TOUNGER  
CLAIMANT ADDRESS: 859 HARRISON ST  
SAN FRANCISCO, CA 94107-1124

TAX ID/SSA NO: 94-6068429

Subject to availability of funds, the State Water Resources Control Board (SWRCB) agrees to reimburse R.W.L. INVESTMENTS, INC. (Claimant) for eligible corrective action costs at DISALVO TRUCKING COMPANY 4919 TIDEWATER AVE, OAKLAND, CA 94601 (Site). The commitment reflected by this Letter is subject to all of the following terms and conditions:

1. Reimbursement shall not exceed \$250,000 unless this amount is subsequently modified in writing by an amended Letter of Commitment.
2. The obligation to pay any sum under this Letter of Commitment is contingent upon availability of funds. In the event that sufficient funds are not available for reasons beyond the reasonable control of the SWRCB, the SWRCB shall not be obligated to make any disbursements hereunder. If any disbursements otherwise due under this Letter of Commitment are deferred because of unavailability of funds, such disbursements will promptly be made when sufficient funds do become available. Nothing herein shall be construed to provide the Claimant with a right of priority for disbursement over any other claimant who has a similar Letter of Commitment.
3. All costs for which reimbursement is sought must be eligible for reimbursement and the Claimant must be the person entitled to reimbursement thereof.
4. Claimant must at all times be in compliance with all applicable state laws, rules and regulations and with all terms, conditions, and commitments contained in the Claimant's Application and any supporting documents or in any payment requests submitted by the Claimant.
5. No disbursement under this Letter of Commitment will be made except upon receipt of acceptable Standard Form Payment Requests duly executed by or on behalf of the Claimant. All Payment Requests must be executed by the Claimant or a duly authorized representative who has been approved by the Division of Clean Water Programs.
6. Any and all disbursements payable under this Letter of Commitment may be withheld if the Claimant is not in compliance with the provisions of Paragraph 5 above.
7. Neither this Letter of Commitment nor any right thereunder is assignable by the Claimant without the written consent of the SWRCB. In the event of any such assignment, the rights of the assignee shall be subject to all terms and conditions set forth in this Letter of Commitment and the SWRCB's consent.
8. This Letter of Commitment may be withdrawn at any time by the SWRCB if completion of corrective action is not performed with reasonable diligence.

IN WITNESS WHEREOF, this Letter of Commitment has been issued by the SWRCB this 27th day of March, 1997.

STATE WATER RESOURCES CONTROL BOARD

BY [Signature]  
Manager, Underground Storage Tank Cleanup Fund Program

BY [Signature]  
Chief, Division Administrative Services

STATE USE:  
CALSTARS CODING:  
0550 - 569.02 - 30530  
\$ \_\_\_\_\_

8/18/95 Report  
11/22/96 letter

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY  
DAVID J. KEARS, Agency Director

November 22, 1996  
StID # 3687

Mr. Charles Lawlor  
DiSalvo Trucking Co.  
859 Harrison St.  
San Francisco, CA 94107

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

**NOTICE OF VIOLATION**

**Re: DiSalvo Trucking, 4919 Tidewater Ave., Oakland CA 94601**

Dear Mr. Lawlor:

It appears that our office has not received recent quarterly groundwater monitoring reports, nor have we been kept updated with the status of the proposed groundwater extraction system for the above site.

As you will recall, subsequent to the January 18, 1994 Pre-enforcement hearing at the County's offices, a **Legal Request for Submittal of Technical Reports** was issued by the Regional Water Quality Control Board (RWQCB). Specific reports and documentation were requested. I refer you to the February 24, 1994 Water Board letter. Some of the requested reports were delivered to our office, in addition to a work plan which was only partially implemented. The August 18, 1995 ERS reports describes the installation of an additional monitoring well, MW-4, and the sampling of two soil borings along the former dispenser line. This work plan also called for the installation of another collection trench which would deliver water and product to a collection tank. From this tank, free product could be physically removed while the water would be discharged to the sanitary sewer under a permit. I spoke with Mr. Ben Halstad of Environmental Restoration Services (ERS) and he was in contact with EBMUD attempting to obtain a discharge permit.

Our office has not received any reports since the August 18, 1995 ERS report. Recall, the Water Board's Legal Request stated that quarterly reports were to be submitted which provided analytical results as well as discussing what has been done the past quarter and what will be done the next quarter. Any extension to deadlines were to be confirmed in writing by our office or that of the Regional Board.

Please submit all technical reports commencing with those after the August 18, 1995 report. Please perform quarterly groundwater monitoring immediately if it has not been done on a regular interval. Please provide a written status of the implementation

Mr. Charles Lawlor  
DiSalvo Trucking Co.  
4919 Tidewater Ave.  
November 22, 1996  
Page 2.

of the proposed groundwater extraction system. These  
aforementioned items are due to this office **within 30 days or by  
December 23, 1996.** Failure to submit the requested documents  
will cause this case to be referred to the Water Board and the  
Alameda County District Attorney's office for enforcement.

You may contact me (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

c: Mr. J. Scott, Alameda County District Attorney Office  
K. Graves, RWQCB  
B. Halstad, ERS, 1115 Merrill St., Menlo Park, CA 94025  
B. Chan, files

rep4919

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Director

DEPARTMENT OF ENVIRONMENTAL HEALTH  
Environmental Protection Division  
1131 Harbor Bay Parkway, #250  
Alameda, CA 94502-6577  
(510) 567-6700

July 3, 1995  
StID # 3687

Mr. Charles Lawlor  
DiSalvo Trucking Company  
859 Harrison St.  
San Francisco, CA 94107

(415) 495-1800

**Re: Comment on June 26, 1995 Investigative Work Plan for DiSalvo  
Trucking, 4919 Tidewater Ave., Oakland CA 94601**

Dear Mr. Lawlor:

Our office has received and reviewed the above referenced work plan and the June 30, 1995 fax from Mr. Ben Halstad of Environmental Restoration Services (ERS). The work plan addresses the requested information of my June 16, 1995 letter and the fax states an altered schedule for field work and reporting. The location of the additional well and the borings is acceptable. Your new time schedule for well installation, boring advancement and quarterly report submittal is also acceptable.

**Please notify me at least 48 working hours prior to your field work.**

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

cc: B. Halstad, ERS, 1115 Merrill St., Menlo Park, CA 94025  
G. Jensen, Alameda County District Attorney Office  
K. Graves, RWQCB  
J. Makishima, files

2ERS4919



# Environmental Restoration Services

Site Investigations • Fuel Tank Closures • Remediation Technologies • Regulatory Reporting

Alameda County Health Care Services  
Department of Environmental Health  
1131 Harbor Bay Parkway, Second Floor  
Alameda, CA 94502

June 30, 1995

Attn.: Mr. Barney Chan; Haz Mat. Specialist for : DiSalvo Trucking  
4919 Tidewater Ave., Oakland

Re: Change in schedule due to well relocation approval.

Dear Mr. Chan,

Environmental Restoration Services (ERS) has submitted to you a revised workplan showing a new location for MW4, per your request, for your approval.

In my June 16th letter to you, my schedule indicated the well would be installed before the 7th of July, based on the "approved" GTE workplan and well location. Our drill date was scheduled for July 5th. Due to the unforeseen workplan revision and approval process, I was reluctant to install the well without your approval of this new location, so I canceled the July 5 work and will reschedule upon your verbal location approval.

I have revised the investigation schedule as follows:

1. Install and survey an additional well  
Sample the soil at two locations along  
the unsampled piping run July 19, 1995
2. Submit a quarterly report /pump and treat system workplan  
(well, boring analytical, gradient) August 11, 1995

Again, ERS will begin constructing the proposed extraction system within two weeks after EBMUD **and yourself** have approved the system design.

Please do not hesitate to call me to discuss any comments you may have or if you wish to change or alter this schedule.

Sincerely,

  
Ben Halsted,  
Project Manager

cc: C. Lawler

# Environmental Restoration Services

Site Investigations • Fuel Tank Closures • Remediation Technologies • Regulatory Reporting

Mr. William Mackel

May 30, 1995

Wastewater Control Rep

Source Control Division

East Bay Municipal Utility District

PO Box 24055

Oakland, CA 94623-1055

Re: Groundwater Discharge Permit, DiSalvo Trucking  
4919 Tidewater Av., Oakland

Dear Mr. Meckel,

I am requesting the District's permission, on behalf of DiSalvo Trucking, to discharge up to five gallons per minute of groundwater containing up to 160 parts per million (ppm) of diesel fuel.

In 1989, several diesel fuel tanks were removed from the subject site. During removal it was found that the fuel supply piping was improperly installed causing an unknown amount of diesel fuel to be discharged into the groundwater. Depth to groundwater is approximately three to four feet below the ground surface (bgs).

Attached to this application is the most recent analytical results from the proposed extraction well, MW3, sampled in November of 1994. As you will note, the groundwater contains no detectable amounts of BTEX.

The proposed extraction/discharge system will consist of a pump installed in well MW3 that will send the groundwater to a 3000 gallon open top skimming tank, by way of a double contained pipe.

Groundwater will exit the tank from a one inch discharge pipe, the inlet of which will be located approximately six inches from the bottom of the tank. The groundwater will then move to a sample box located near the property line.

Two gate valves will be installed on either side of the sample box. The groundwater will then travel from the sample box to the existing site sewer lateral.

The skimming tank will have a high water shut off switch. In the event that the this switch fails, the groundwater within the tank will travel back to the well through the secondary containment piping.

The skimming tank will also have a passive oil skimmer floating on the surface. The floating skimmer has an oilophilic hydrophobic screen which allows hydrocarbons to pass and repels water.

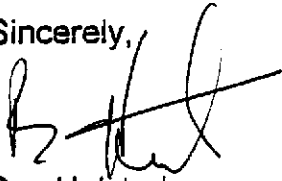
95 JUN 22 PM 1:12  
ENVIRONMENTAL RESTORATION SERVICES

The skimmer will keep any potential free product to a sheen (<0.01 in.) and store any recovered diesel in a 1.5 gallon canister. The skimmer canister will be checked during system sampling and emptied into a 55 gallon drum when half full.

Also included in the application is a site plan, system schematic, process description form and application form.

Enclosed is a check for \$2,260 to pay the permit fee. Please contact me immediately at 415 325 2316, if the application is incomplete or if more data is needed.

Sincerely,



Ben Halsted  
Project Manager



# WASTEWATER DISCHARGE PERMIT APPLICATION

PERMIT NUMBER

APPLICANT BUSINESS NAME <b>DiSalvo Trucking</b>	
ADDRESS OF PREMISE DISCHARGING WASTEWATER <b>4919 Tidewater Ave.</b>	BUSINESS MAILING ADDRESS <b>859 Harrison St.</b>
STREET ADDRESS <b>Oakland</b>	STREET ADDRESS <b>San Francisco Ca</b>
CITY <b>Oakland</b>	CITY <b>San Francisco</b>
ZIP CODE	ZIP CODE
CHIEF EXECUTIVE OFFICER	
NAME <b>Charles Hawler</b>	TITLE <b>President</b>
STREET ADDRESS <b>859 Harrison St.</b>	CITY <b>San Francisco</b>
ZIP CODE	ZIP CODE
PERSON TO BE CONTACTED ABOUT THIS APPLICATION	PERSON TO BE CONTACTED IN EVENT OF EMERGENCY
NAME <b>Ben Halsted</b>	NAME
TITLE <b>Agent For Owner</b>	TITLE
PHONE <b>415-325-3266</b>	DAY PHONE <b>415-325-3266</b>
	NIGHT PHONE <b>415-325-3266</b>

### DOCUMENTATION TO BE RETURNED WITH THE PERMIT APPLICATION:

- PROCESS DESCRIPTION
- DESCRIPTION OF TREATMENT SYSTEM
- WATER BALANCE CALCULATIONS
- SELF-MONITORING METHOD
- WASTEWATER STRENGTH DATA BASE
- SPILL PREVENTION AND CONTAINMENT PLAN
- SCHEMATIC FLOW DIAGRAM
- A LIST OF ALL ENVIRONMENTAL PERMITS (E.G. Air, Hazardous Waste)
- BUILDING LAYOUT PLAN
- OTHER

### PROVISIONS

Applicant will comply with the EBMUD Wastewater Control Ordinance and all applicable rules and regulations.

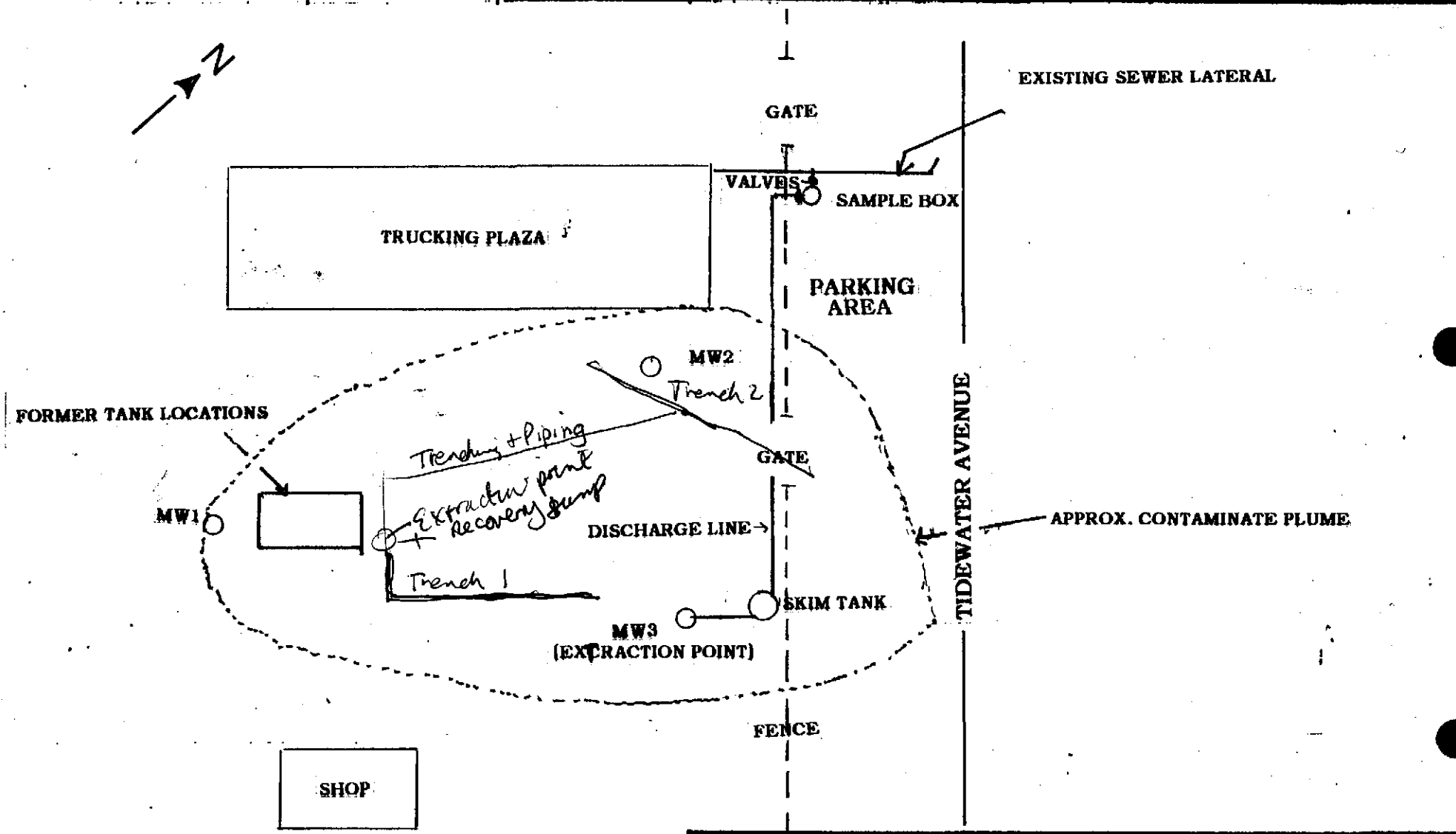
Applicant will report to EBMUD, Wastewater Department any changes, permanent or temporary, to the premises or operations that significantly change the quality or volume of the wastewater discharge or deviations from the terms and conditions under which this permit is granted.

### CERTIFICATION

I certify, under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that the qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME (See certification requirements on reverse)	SIGNATURE
<b>Ben Halsted</b>	<i>[Signature]</i>
TITLE	DATE
<b>Agent For Owner</b>	<b>2/3/15</b>





EXISTING SEWER LATERAL

GATE

VALVES

SAMPLE BOX

TRUCKING PLAZA

PARKING AREA

FORMER TANK LOCATIONS

MW1

MW2

Trench 2

Trenching + Piping

Extraction point Recovery pump

DISCHARGE LINE

Trench 1

GATE

TIDEWATER AVENUE

APPROX. CONTAMINATE PLUME

SKIM TANK

MW3 (EXTRACTION POINT)

FENCE

SHOP

### SITE PLAN

DISALVO TRUCKING 4919 TIDEWATER AV., OAKLAND

SCALE: 1"=50'

APPROVED BY:

DRAWN BY

DATE: 5/15/95

REVISED

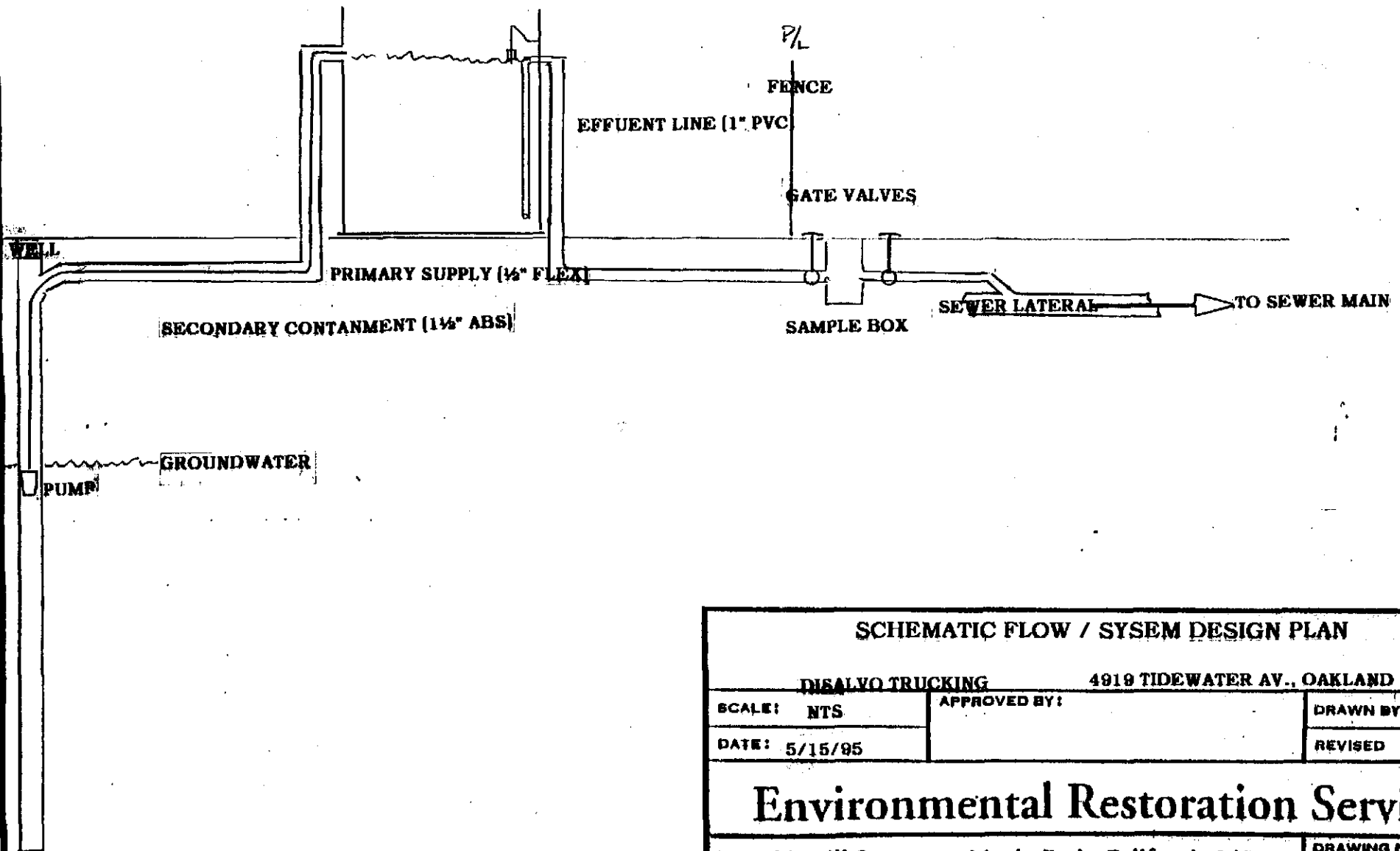
# Environmental Restoration Services

1115 Merrill Street • Menlo Park, California 94025

DRAWING NUMBER

3000 GALLON  
SKIMMING TANK

HIGH WATER SHUT OFF SWITCH



**SCHEMATIC FLOW / SYSEM DESIGN PLAN**

**DISALVO TRUCKING**

**4919 TIDEWATER AV., OAKLAND**

SCALE: NTS

APPROVED BY:

DRAWN BY BTH

DATE: 5/15/85

REVISED

**Environmental Restoration Services**

1115 Merrill Street • Menlo Park, California 94025

DRAWING NUMBER

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

June 16, 1995  
StID # 3687

Mr. Charles Lawlor  
DiSalvo Trucking Company  
859 Harrison St.  
San Francisco, CA 94107

**Re: Implementation of November 28, 1994 Work Plan for DiSalvo  
Trucking, 4919 Tidewater Ave., Oakland CA 94601**

Dear Mr. Lawlor:

This letter recounts my June 15, 1995 conversation with Mr. Ben Halsted of Environmental Restoration Services (ERS). We discussed the circumstances of ERS taking over for your previous consultant, Gen-Tech. I gave Mr. Halstad a brief status of this site as it stands in the eyes of the regulatory agencies ie County Environmental Health, the Regional Water Quality Control Board (RWQCB) and the District Attorney Office. Based on the previous delays in performing the site investigation, I stressed the importance of performing the tasks of the November 1994 work plan in a timely manner. In fact, should this site ever face enforcement, civil liability will be based on the length of time which has lapsed beyond the promised deadlines.

Mr. Halsted stated that ERS would be performing all the elements of the November 1994 Gen-Tech work plan. The only significant change would be the manner of disposal for the extracted groundwater. ERS proposes to obtain a permit from EBMUD for sanitary sewer disposal. This is acceptable.

I have also received a faxed two page letter from ERS which gave specific deadlines for some of the tasks of the November work plan. Specifically, dates for the installation of an additional monitoring well, the sampling along a former piping run and the submittal of a monitoring report are given. These dates are acceptable.

Prior to implementation of this work plan our office has the additional comments/requirements:

1. To avoid any misunderstandings, please have your consultant provide in writing the elements of their work plan even if they are similar to the November Gen-Tech work plan. Please have their registered professional sign this work plan. Will the extracted water be treated prior to sanitary sewer discharge?



Mr. Charles Lawlor  
StID # 3687  
4919 Tidewater Ave.  
June 16, 1995  
Page 2.

2. The location of the additional monitoring well shown in the November work plan was questioned by our office. Please provide a map which shows the location of this well and a rationale for its location.

3. Please describe the location and the sampling plan for the soil samples to be taken along the piping run.

4. Within each quarterly monitoring report please include, at a minimum, the following data:

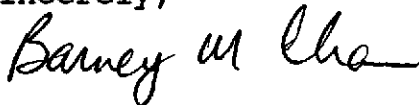
- a. Cumulative analytical data for past monitoring events;
- b. Groundwater elevation and gradient maps;
- c. Copies of chain of custody and analytical reports;
- d. Updates on status of implementation of work plan;
- e. Cumulative totals of free product and contaminated water disposed; and a
- e. Conclusion and recommendation section.

5. It was noted in our June 15th conversation that the additional recovery trench and the associated connecting piping to the recovery well could be installed prior to obtaining your EBMUD permit. Therefore, you should provide a time schedule for the installation of this part of the recovery system.

Your immediate reply to these above items is requested so as not to delay the performance of the initial tasks ERS outlined in their letter. Please note, any extension to deadlines must be approved by this office or that of the RWQCB.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

cc: B. Halstad, ERS, 1115 Merrill St., Menlo Park, CA 94025  
G. Jensen, Alameda County District Attorney Office  
K. Graves, RWQCB  
M. Ling Tung, files

ERSwp4919

# Environmental Restoration Services

Site Investigations • Fuel Tank Closures • Remediation Technologies • Regulatory Reporting

Alameda County Health Care Services  
Department of Environmental Health  
1131 Harbor Bay Parkway, Second Floor  
Alameda, CA 94502

June 16, 1995

Attn: Mr. Barney Chan; Haz Mat. Specialist for : DiSalvo Trucking  
4919 Tidewater Ave., Oakland

Re: Implementation of GTE Remedial Workplan dated November 1994.

Dear Mr. Chan,

Environmental Restoration Services (ERS) has been retained by Mr. Charles Lawler of DiSalvo Trucking to implement a proposed groundwater removal system at the above mentioned site. An altered version of the Gen Tech Environmental (GTE) workplan, submitted in November of 1994 and approved by your department shortly thereafter, is in the process of being implemented.

On behalf of Mr. Lawler, ERS apologizes for the delay which has occurred due to the bankruptcy of Mr. Lawler's last consultant, Gen Tech Environmental (GTE) and subsequent loss of substantial advancement moneys paid to implement the proposed workplan. *completed for your review*

It has been discovered that the workplan, as it was proposed by GTE, was unimplementable, due to the refusal by the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) to grant a discharge waiver for 4500 gallons per week for "dust control". This problem was never brought to the attention of Mr. Lawler by GTE.

On behalf of DiSalvo Trucking, ERS has prepared and submitted to the East Bay Municipal Utility District (EBMUD), an application to discharge up to 7200 gallons per day of diesel contaminated groundwater, to the sewer system. Attached you will find a copy of this application.

Pending approval by EBMUD, ERS wishes to have the approval of your Department, to alter the approved GTE workplan to allow for direct discharge to the sewer system. This alteration would allow the contaminated groundwater at the site to be removed at a greater rate.

ERS expects EBMUD to approve the application with some alteration and addition analytical. During the interim, ERS will accomplish the following workplan tasks by the corresponding dates:

1. Install and survey an additional well  
Sample the soil at two locations along  
the unsampled piping run July 7, 1995
  
2. Submit a quarterly report  
(well, boring analytical, gradient) July 31, 1995

ERS will begin constructing the proposed extraction system within two weeks after EBMUD has approved the system design.

Please do not hesitate to call me to discuss any comments you may have or if you wish to change or alter this scope or schedule.

Sincerely,



Ben Halsted,  
Project Manager

attachment

cc: C. Lawler

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

June 8, 1995  
StID # 3687

Mr. Charles Lawlor  
DiSalvo Trucking Company  
859 Harrison St.  
San Francisco CA 94107

**Re: Status of Subsurface Investigation at DiSalvo Trucking,  
4919 Tidewater Ave., Oakland CA 94601**

Dear Mr. Lawlor:

This letter serves to notify you of your delinquency in performing and reporting the elements of the **February 24, 1994 Legal Request for Submittal of a Technical Report** sent to you by the Regional Water Quality Control Board (RWQCB) subsequent to the January 18, 1994 Pre-Enforcement Hearing. Both the RWQCB and Alameda County District Attorney Office are being copied with this letter so they may be informed of this situation and can proceed with appropriate enforcement actions if necessary.

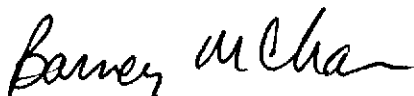
As you are aware, only part of the requested work of the Legal Request has been performed. At this time, our last correspondence regarding this site has been the November 28, 1994 work plan provided by Mr. Stuart Solomon of Gen-Tech Environmental. This work plan proposed such items as additional monitoring well installation, quarterly monitoring and reports, installation of another collection trench and the treatment of extracted water. Our office is aware that Gen-Tech no longer is in business. We also believe that Mr. Solomon no longer acts as your consultant.

Recall, our office gave conditional approval of the November 28, 1994 work plan in my December 12, 1994 letter. Since this time, our office has not been contacted nor have we received any reports from Di Salvo Trucking. Well over one year has passed without any Quarterly Monitoring Reports or any status reports. Based on this lack of communication, I am requesting that this case be turned over to the aforementioned agencies for enforcement. Unless our office is contacted and proposed work initiated, I will acknowledge that this site is in non-compliance of the Legal Request for Technical Reports. In addition, any application for the State Clean-up Fund will be voided due to this non-compliance.

Mr. Charles Lawlor  
StID # 3687  
4919 Tidewater Ave.  
June 8, 1995  
Page 2.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

cc: G. Jensen, Alameda County District Attorney Office  
J. Kaiser, RWQCB  
M. Ling Tung, files

enf4919

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577  
(510) 729-6777

December 12, 1994  
StID # 3687

Mr. Charles Lawlor  
Di Salvo Trucking Co.  
660 Mariposa St.  
San Francisco, CA 94107

**Re: Comment on November 28, 1994 Work Plan for Contaminant Migration Control at 4919 Tidewater Ave., Oakland 94601**

Dear Mr. Lawlor:

Our office has received and reviewed the above work plan as provided and prepared by Gen-Tech Environmental. The work plan provides a work plan to contain the hydrocarbon plume beneath this site along with investigating a number of areas where data is lacking. The general plan calls for the installation of an additional recovery trench, the collection of free and dissolved product into holding tanks where the liquid will either be recycled or bioremediated for proper disposal. Repeating this cycle of contaminated liquid recovery and disposal should ultimately reduce the concentration of hydrocarbon in the groundwater. I have discussed this process with Mr. Solomon and have approved of this approach in our conversations.

Our office does have the following comments and concerns:

1. Quarterly groundwater monitoring was to occur without exception after well installation. Our office has received only the initial report after the wells and borings were advanced. This work occurred in April of 1994. Where are the monitoring reports for July 1994 and October 1994? Monitoring reports should be submitted **within 45 days of each monitoring event.**
2. Based on the groundwater gradient provided in the May 1994 Gen-Tech report, our office requested at least one additional monitoring well downgradient to the existing hydrocarbon plume. This location would be on the north side of the Truck Plaza/ Office Building. Please explain the location of the proposed well, MW-4.
3. You should proceed with your work plan immediately. Please notify me at least **48 hours prior to:** performing the additional soil sampling along the remote dispenser line, installation of the additional monitoring well and the excavation of the new product recovery trench.

Mr. Charles Lawlor  
StID # 3687  
4919 Tidewater Ave.  
December 12, 1994  
Page 2.

4. Please provide our office copies of the RWQCB's groundwater cleanup levels for reuse and their discharge waiver for the reuse of such treated water.

Please address the above items within 30 days or by January 17, 1995. You may contact me at (510) 567-6765 if you have any questions.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

cc: G. Jensen, Alameda County District Attorney Office  
S. Solomon, Gen-Tech Env., 2242 Camden Ave., Suite 1, San  
Jose, CA 95124  
E. Howell, files

2wp4919

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



01-0495  
RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

November 7, 1994  
StID # 3687

Mr. Charles Lawlor  
DiSalvo Trucking  
859 Harrison St.  
San Francisco, CA 94107-1124

DEPARTMENT OF ENVIRONMENTAL HEALTH  
ALAMEDA COUNTY CC4580  
DEPT. OF ENVIRONMENTAL HEALTH  
ENVIRONMENTAL PROTECTION DIVISION  
1131 HARBOR BAY PKWY., #250  
ALAMEDA CA 94502-6577

**Re: Request for Technical Reports for DiSalvo Trucking, 4919  
Tidewater, Oakland CA 94601**

Dear Mr. Lawlor:

Please refer to my July 8, 1994 letter which requested additional technical reports in response to the on-going subsurface investigation at the above site. These requested reports included:

1. On-going quarterly groundwater monitoring with report submission within 45 days of each monitoring event. Since the wells were installed in April 94, your next monitoring event should have been in July and submission of the monitoring report should have been no later than late August 1994. Please include the status of any free product removal performed that quarter.
2. Please be aware that though the sample results for the bioremediated soils indicate that diesel concentrations were low enough for reuse, you failed to provide results for BTEX (benzene, toluene, ethylbenzene and xylenes) analysis. Please provide this information. If this work was not done, please provide a work plan for this sampling and analysis.
3. The July 12, 1994 Supplemental Technical Report from Gen-Tech Environmental stated that sampling along the remote dispenser run would be addressed in future work plans. Please provide for the sampling of this area in your next work plan.
4. My July 8, 1994 letter stated the need for the installation of at least one additional monitoring well on the west side of the site and the addition of at least one additional recovery trench to the existing system. Please include these items in your work plan.

I discussed with Mr. Solomon, the proposal to pump total fluids from the existing sump system. Contaminated water would be stored in a holding tank, bioremediated and reused on-site. What attempts have been made to accomplish this task? Have you attempted to obtain a waiver for water disposal from the Water Board?



Mr. Charles Lawlor  
StID #3687  
4919 Tidewater Ave.  
November 7, 1994  
Page 2.

Prior to initiating this work, you would need to perform a pump test as requested in my July 8, 1994 letter.

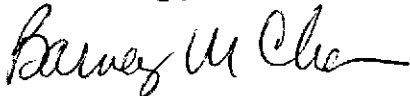
You should are also reminded that the proposed schedule for this site, as provided by Mr. Solomon in his January 17, 1994 letter, stated that three possible site remediation methods would be investigated (point 4) and that a remediation work plan for the implementation of one of these technologies would be written. This Feasibility Study and Remediation Work Plan was to be completed by March 30, 1994.

To this date, our office has not received **any** of the promised technical reports. You are reminded that these requests were pursuant to the California Water Code Section 13267 (b). Failure to submit the requested reports will cause this site to be referred to the Water Board and/or the Alameda County District Attorney Office for civil enforcement.

Please submit the requested reports to our office **within 30 days or by December 9, 1994.**

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

cc: G. Jensen, Alameda County District Attorney Office  
S. Arrigala, RWQCB  
Mr. S. Solomon, Gen-Tech Environmental, 1936 Camden Ave.,  
Suite 1, San Jose, CA 95124

1enf4919

Mr. Charles Lawlor  
StID # 3687  
4919 Tidewater Ave.  
July 8, 1994  
Page 2.

4. Quarterly monitoring must be reinstated and monitoring reports should be sent to our office **within 45 days of each monitoring event.**

5. Our office encourages restarting free product and groundwater removal from the recovery well. This does not relieve your responsibility to remove free product from all wells as required by Title 23, Chapter 16, Article 5, Section 2655.

Our office disagrees that the reactivation of the recovery well and trench system should be effective in capturing the plume. The one recovery trench is not sufficient to capture or control the hydrocarbon plume. **A minimum of one additional recovery trench should be installed, preferably at the leading edge and another within the hydrocarbon plume.** The groundwater results from the May 17, 1994 report indicate that the plume is slowly migrating westerly. In order to verify the viability of this remedial action, please determine:

- a. What is the sustainable pump rate from the recovery well?
- b. What is the expected area of influence when pumping from the recovery well? **You should perform a pump test to determine this.**

I further understand that Mr. Solomon has drafted a work plan which describes remedial alternatives. One such alternative includes the excavation of the affected area and the biotreatment of groundwater. Please inform our office which remedial alternative you have chosen for this site. Keep in mind, the proposed schedule given to our office at the time of the pre-enforcement hearing stated that a Feasibility Study and Remediation Work Plan would be submitted by **March 30, 1994.** As an interim measure, groundwater and free product removal from the recovery well and other affected wells should be performed.

Please respond to the items, particularly the highlighted ones, mentioned above in writing **within 30 days or by August 10, 1994.**

Please be aware, our office has moved to:

**1131 Harbor Bay Parkway  
2nd Floor, Alameda CA 94502.**

In addition, until our phone system is in place, you may leave a message for me at (510) 271-4310.

Mr. Charles Lawlor  
StID # 3687  
4919 Tidewater  
July 8, 1994  
Page 3.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

cc: G. Jensen, Alameda County District Attorney Office  
S. Solomon, Gen Tech, 1936 Camden Ave., Suite 1, San Jose 95124  
S. Arigala, RWQCB  
2DiSalvo

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



01-0495

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

July 8, 1994  
StID # 3687

Mr. Charles Lawlor  
DiSalvo Trucking  
859 Harrison St.  
San Francisco, CA 94107-1124

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

**Re: Request for Technical Reports for Further Subsurface  
Investigation at DiSalvo Trucking, 4919 Tidewater,  
Oakland CA 94601**

Dear Mr. Lawlor:

This letter serves to request submission of the technical reports previously listed in the February 24, 1994 request from the Regional Water Quality Control Board (RWQCB). It also serves to comment on the May 17, 1994 Gen-Tech Environmental Investigation report and request additional information.

Please be aware that our office has not yet received several of the technical reports previously requested by the RWQCB subsequent to the pre-enforcement hearing held at our office on January 18, 1994. These reports are:

1. The report which details the analysis and disposal of the bioremediated soils generated from the tank removals;
2. A reply to the question as to whether sampling was performed beneath the remote hydrants; and
3. The report which describes the installation of the interceptor drain and trench. Through recent conversation with Mr. Stuart Solomon of Gen Tech, I understand that the report which addresses the bioremediated soils has been retrieved and is being sent to our office. The other reports have not been sent.

In regards to our review of the May 17, 1994 report, our office has the following comments/concerns:

1. The results are consistent with the previous boring results presented by Gen Tech in 1989. Significant free product still exists north and northeast of the former tank pit as previously identified.
2. Soil contamination appears to be defined to this site.
3. Groundwater contamination has not been defined, particularly the west side of the site, beyond the "Truck Plaza and Offices". **A minimum of one additional monitoring well will be required in this area to further define the limits of the hydrocarbon plume.**

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

June 1, 1994  
StID # 3687

Mr. Charles Lawler  
DiSalvo Trucking  
660 Mariposa St.  
San Francisco, CA 94107

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

**Re: Request for Technical Reports for DiSalvo Trucking at 4919  
Tidewater Ave., Oakland CA 94601**

Dear Mr. Lawler:

Our office has received and reviewed the March 24, 1994 report from Gen-Tech Environmental which responds to the number of items mentioned at our prior pre-enforcement hearing. Please be advised that this report fails to address the following concerns requested in the **legal request for technical report** letter issued by the Regional Water Quality Control Board (RWQCB):

1. The referenced 4/27/89 report gives no analytical results of bioremediated soils. Please submit a description of your sampling procedure and copies of the analytical results.
2. No reports were submitted which detail sampling under the remote dispensers and the installation of the interceptor drain and trench.

I was present on April 7, 1994 to witness the initiation of the soil and groundwater sampling per your March 4, 1994 workplan. At this time, your consultants and myself inspected the interceptor drain. It contained visible free product and contaminated water. You are required to initiate free product removal on a regular basis until this problem no longer exists per Title 23, California Code of Regulations Chapter 16, Article 5, Section 2655. In addition, you should send our office a copy of the report documenting this boring and monitoring well installation **within 15 days or by June 17, 1994**. Please also include reports which respond to items 1 and 2 by this date.

I may be reached at (510) 271-4530 if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Barney M. Chan".

Barney M. Chan, Hazardous Materials Specialist

cc: G. Jensen, Alameda County District Attorney Office  
S. Solomon, Gen-Tech Env., 2242 Camden Ave., San Jose,  
CA 95124  
E. Howell, files rep-4919

ALAMEDA COUNTY  
HEALTH CARE SERVICES AGENCY

Hazardous Materials Program  
80 Swan Way, Rm. 200  
Oakland, CA 94621

ALCO  
HAZMAT

94 JUN 13 PM 2:33



*Handwritten signature*

*Handwritten text: R0107 Talen...*

Gen-Tech Env.  
Attention: S. Soloman  
2242 Camden Avenue  
San Jose, CA 95124

95124-2029 01



March 24, 1994  
Project No. 934

*Handwritten:* PANEL  
FILE:

CALIFORNIA REGIONAL WATER

MAR 30 1994 *PK*

QUALITY CONTROL BOARD

DiSalvo Trucking  
660 Mariposa Street  
San Francisco, California 94107

Attn: Mr. Charles Lawler

Re: **Proposed Exploratory Boring and Monitoring Well Installation  
Workplan Site Investigation; Workplan Addendum  
Site at 4919 Tidewater Avenue, Oakland, CA  
RWQCB File: 01-0495 & 2198.17**

Dear Mr. Lawler,

Gen Tech Environmental, Inc. (GTE) has prepared this workplan addendum for our workplan dated March 4, 1994 for the above referenced site. The proposed work is in response to a request from the California Regional Water Quality Control Board (RWQCB) and Alameda County Health Care Services, Department of Environmental Health (ACHD) for site assessment and cleanup. This letter addresses the conditions that the ACHD has raised in their letter of March 16, 1994, which requires a written response from GTE prior to March 31, 1994.

1. The exploratory borings proposed, three for groundwater monitoring wells and nine for rapid reconnaissance, are based upon the previous work done at the site. At this time GTE expects to be able to drill all twelve borings. However, GTE cannot foresee subsurface problems which at times prevent advancing exploratory boreholes.

As the workplan states, the exploratory borings are to be used for rapid reconnaissance, and groundwater samples would be analyzed from each boring. These borings together with the monitoring wells will provide a general overview of the site. Since this is a reconnaissance soil sampling and monitoring well study, a complete site characterization is not expected and further site assessment may be necessary, pending the results of this study. See also the GTE Sampling Protocol.

2. The locations of the proposed monitoring wells were shown in the original workplan on Figure 1, a scaled drawing. GTE still proposes to install the wells at those locations. Please note that the depth to groundwater may be as shallow as 4 feet below the surface. The monitoring wells must be sealed from surface contaminants, so only a minimum open slot length above the water to observe separate phase product is possible. GTE proposes a minimum 2-foot well seal. Since the Alameda County Flood Control and Water Conservation District (ACFCWCD) must permit the wells, GTE will be bound by their sealing requirements if our proposed seal is unsatisfactory. The well installation permits have been forwarded to ACFCWCD.

3. Based upon previous site work, all soil samples collected from this site are not proposed to be analyzed for all the original parameters. Diesel fuel has already been identified as the major contaminant of interest. The vadose zone soil samples will be field screened for evidence of contamination when logged (staining and odor). An organic vapor analyzer will be on-site for field scanning, however field vapor scanning is only a indication of, not verification of contaminant presence. This is more the case when field screening somewhat less volatile contaminants such as diesel fuel are present. As an alternative, GTE suggests that the samples be field checked using the modified Hanby Field Colormetric Analytical Laboratory for hydrocarbon presence (see GTE Sampling Protocol). If vadose soil samples show evidence of contamination then that soil sample would be chemically analyzed.

Groundwater occurrence is very shallow at this site, consequently soil samples may not be analyzed from each borehole. Soil samples for analysis will be selected at the discretion of the supervising geologist based on field evidence conditions and proximity to previously known sources (see previous excavation and site assessment reports). Soil samples will not be analyzed if collected in saturated conditions since the data are inconclusive due to possible contaminant migration by groundwater advection.


4. GTE will analyze each groundwater sample for Total Oil and Grease (as motor oil) using EPA Method 5520.

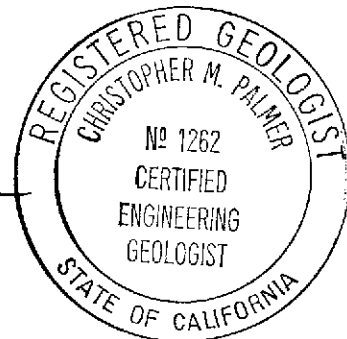
5. GTE will notify the ACHD 48 hours prior to the start of field work.

If you have any questions, please call.

Sincerely,  
Gen Tech Environmental, Inc.

  
Stuart Solomon  
Principal

  
Christopher M. Palmer  
C. E. G. 1262



attachments: Figure 1. Proposed Exploratory Boring and Monitoring Well Locations  
ACFCWCD Well Installation Permits



ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

March 16, 1994  
StID # 3687

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

Mr. Charles Lawlor  
Di Salvo Trucking Co.  
660 Mariposa St.  
San Francisco CA 94107

**Re: Comment on March 4, 1994 Work Plan for Site Investigation at  
4919 Tidewater Ave., Oakland CA 94601**

Dear Mr. Lawlor:

Our office has received and reviewed the above referenced work plan for additional site investigation as prepared by your consultant, Gen-Tech Environmental. This work plan calls for the installation of up to twelve exploratory borings and the installation of three monitoring wells. This work will be used to determine the extent of the soil and groundwater contaminant plume. Because this work has been previously discussed with you and your consultant, Mr. Solomon, this work plan is accepted and you should may proceed as soon as possible with the following conditions:

1. Our office is not comfortable with the statement "up to twelve borings" will be installed. Please inform our office if **less than the twelve** borings noted in Figure 1 of this report are to be installed. Our concern is the adequacy of site characterization if this number is reduced. It is assumed that a grab groundwater sample will be taken and analyzed for each boring advanced.
2. Prior to actual installation of the three monitoring wells, you are to provide our office notification of the exact locations of these wells. We understand that their locations will be dependent on the field results of the borings.
3. It is unclear whether soil samples from each or any of the boreholes or monitoring wells will be analyzed for the appropriate parameters. Please, at a minimum, screen all soil samples taken, preferably with an instrument or method sensitive to diesel fuel and oil and grease. There should be a rationale for all soil samples not analyzed by a certified laboratory.
4. You should run additionally oil and grease, preferably TPH as motor oil, on all samples analyzed. Recall, one of the tanks removed was a waste oil tank and considerable TOG has already been reported previous samples.

Mr. Charles Lawlor  
StID # 3687  
4919 Tidewater  
March 16, 1994  
Page 2.

5. Please provide our office **48 working hours** notice prior to any field activity so I may make arrangements to witness this work.

As you will recall, this work plan was provided in response to the January 18, 1994 pre-enforcement hearing held at our office. At that time, a number dates were proposed for: an **Interim Report, Exploratory borings, Groundwater monitoring wells, Technical Report on well installation and sampling and a Feasibility Study and Remediation Work Plan.** Please note that all of the above proposed dates have elapsed without the promised submission, except the Feasibility Study and Remediation Work Plan which was to be completed by March 30, 1994. You are also aware that the Request for Technical Reports from the Regional Water Quality Control Board (RWQCB) requires the submission of specific information within 30 days of that letter ie **by March 28, 1994.** Therefore, although the projected dates at the time of the hearing have passed, this date is to be adhered to. Any extension requires written approval from the RWQCB. I have spoken recently with Mr. Solomon and he foresees submission of the requested documents by this date.

Please provide written comment to the above items **within 15 days or by March 31, 1994** so we may expedite the proposed work.

You may contact me at (510) 271-4530 should you have any questions.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

cc: R. Hiett, RWQCB  
G. Jensen, Alameda County District Attorney Office  
S. Solomon, Gen-Tech Environmental, 1936 Camden Ave., Suite 1  
San Jose, CA 95124  
E. Howell, files

wpapDisalvo

ALAMEDA COUNTY  
HEALTH CARE SERVICES AGENCY

Hazardous Materials Program  
80 Swan Way, Rm. 200  
Oakland, CA 94621

*Relief*

MR. CHARLES LAWLOR  
DI SALVO TRUCKING CO.  
660 MARIPOSA STREET  
SAN FRANCISCO CA 94107

DISALVO 941072056 1193 03/21/94  
FORWARDING TIME EXPIRED  
DISALVO TRUCKING  
659 HARRISON ST  
SAN FRANCISCO CA 94107-1124  
RETURN TO SENDER

1 000



ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

March 16, 1994  
StID # 3687

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

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Mr. Charles Lawlor  
StID # 3687  
4919 Tidewater  
March 16, 1994  
Page 2.

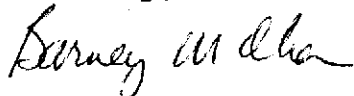
5. Please provide our office 48 working hours notice prior to any field activity so I may make arrangements to witness this work.

As you will recall, this work plan was provided in response to the January 18, 1994 pre-enforcement hearing held at our office. At that time, a number dates were proposed for: an **Interim Report, Exploratory borings, Groundwater monitoring wells, Technical Report on well installation and sampling and a Feasibility Study and Remediation Work Plan.** Please note that all of the above proposed dates have elapsed without the promised submission, except the Feasibility Study and Remediation Work Plan which was to be completed by March 30, 1994. You are also aware that the Request for Technical Reports from the Regional Water Quality Control Board (RWQCB) requires the submission of specific information within 30 days of that letter ie **by March 28, 1994.** Therefore, although the projected dates at the time of the hearing have passed, this date is to be adhered to. Any extension requires written approval from the RWQCB. I have spoken recently with Mr. Solomon and he foresees submission of the requested documents by this date.

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Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

cc: R. Hiatt, RWQCB  
G. Jensen, Alameda County District Attorney Office  
S. Solomon, Gen-Tech Environmental, 1936 Camden Ave., Suite 1  
San Jose, CA 95124  
E. Howell, files

wpapDisalvo



## CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

SAN FRANCISCO BAY REGION

2101 WEBSTER STREET, SUITE 500

OAKLAND, CA 94612

(510) 286-1255

ALCO  
HAZMAT

94 FEB 25 AM 11:35



Mr. Charles Lawlor  
Di Salvo Trucking Co.  
660 Mariposa Street  
San Francisco, CA 94107

February 24, 1994  
File:01-0495 & 2198.17

**RE: Legal Request for Submittal of a Technical Report Resulting from the Alameda County Department of Environmental Health's Pre-Enforcement Review Panel Meeting on January 18, 1994**

Dear Mr. Lawlor:

It has been brought to my attention by Regional Board staff that a condition of soil and groundwater pollution exists on the property located at 4919 Tidewater Avenue, Oakland, as a result of an underground storage tank release. The Alameda County Department of Environmental Health (ACHD) staff have requested technical reports from you to fulfill your obligations per California Code of Regulations, Title 23 Waters, Chapter 16, Underground Storage Tank Regulations, Article 11, Corrective Action Requirements. It is my understanding that ACHD staff were unsuccessful in eliciting your co-operation in resolving these issues through normal correspondence.

A Pre-Enforcement Review Panel was held at the ACHD offices on January 18, 1994, attended by Mr. Sum Arigala of my staff. Pursuant to the Regional Board's authority under Section 13267(b) of the California Water Code, you are hereby required to submit a technical report to address soil and groundwater pollution **Within thirty (30) Days of the date of this letter**. This technical report should specifically address the following numbered items:

- 1) Clarify the two addresses which have been referred to at this site, 4909 and 4919 Tidewater Avenue. Is RWL Investments a responsible party and if so, who is their contact person?
- 2) The ACHD files contain the following reports:
  - \* 4/27/89 GET Underground Tank Removal Report
  - \* 6/15/89 GET Technical Report Preliminary Investigation
  - \* 3/12/91 GET Contaminated Site Interim Report
  - \* 7/14/89 GET Declassification of Contaminated Soil ReportPlease provide all additional reports for this site including but not limited to reports: detailing the analysis and disposal of all bioremediated soils, detailing the removal and sampling beneath the remote dispensers, detailing the installation of the interceptor drain and trenches, detailing the sampling in the south-west portion of the site, verifying

the proper closure of the 8" piping encountered during the tank excavation and accounting for the total amount of freeproduct removed from the site, the removal process and frequency of removal.

- 3) Please provide a work plan which:
- a. Calls for the installation of a minimum of three monitor wells;
  - b. calls for the advancement of additional borings and the collection of grab groundwater samples to help delineate the extent of pollution;
  - c. discusses whether additional trenches will be necessary for free product collection;
  - d. discusses what available technology is being considered for the site;
  - e. provides a time schedule for all future activities;
  - f. commits to providing quarterly reports which provide groundwater analytical results as well as discusses what has been done that quarter and what will be done next quarter.

Our office is aware that many of the above items have been addressed in the draft proposal provided by the ACHD and to our office at the time of the pre-enforcement Panel Review. The proposed schedule also promises a number of reports and field work which precede our requested response date. You are encouraged to provide the requested reports by those deadlines but you are requested to have ACHD staff concurrence with the specifics of your field activities.

All work should adhere to the requirements of the Tri-Regional Board Staff Recommendations for the Preliminary Evaluation and Investigation of Underground Storage Tank Sites-August 10, 1990 and Article 11 of Title 23, Waters, California Code of Regulations.

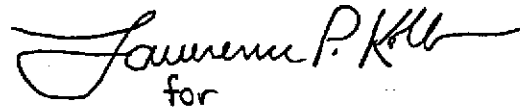
I am hereby transmitting this request for a technical report to ACHD for service and continued case handling. You should be aware that failure on your part to submit the requested technical report, or late submittal may result in fines up to \$1000 per day of delinquency. Your response to this technical report request should be sent to the attention of Mr, Barney Chan at ACHD. Please inform their office at least three (3) working days in advance of all field activities.

Please be advised that this is a formal request for a technical reports pursuant to California Water Code Section 13267 (b). Any extensions of the stated deadlines, or modifications of the required tasks, must be confirmed in writing by either this agency or the ACHD.



If you have any questions regarding the contents of this letter,  
Please contact Mr. Chan of ACHD, at (510) 271-4530.

Sincerely,



for  
Steven R. Ritchie  
Executive Officer

cc: Gil Jensen, ACDA, 7677 Oakport Street, Suite 400, Oakland  
94621  
[REDACTED] ACHD, 80 Swan Way, Suite 200, Oakland 94621

P 386 338 448



**Receipt for  
Certified Mail**

No Insurance Coverage Provided  
Do not use for International Mail  
(See Reverse)

Sent to	Di Salvo Trucking Co.	
Street	Mr. Charles Lawlor	
P.O., State and Zip Code	660 Mariposa Street San Fran, CA 94107	
Postage	BC	\$
Certified Fee		
Special Delivery Fee		
Restricted Delivery Fee		
Return Receipt Showing to Whom & Date Delivered		
Return Receipt Showing to Whom, Date, and Addressee's Address		
TOTAL Postage & Fees		\$
Postmark or Date		

PS Form 3800, June 1991

UNITED STATES POSTAL SERVICE

Official Business

PENALTY FOR PRIVATE  
USE TO AVOID PAYMENT  
OF POSTAGE, \$300



ALCO  
MAR 21  
BUSINESS PM 11:57

Print your name, address and ZIP Code here

DEPARTMENT OF ENVIRONMENTAL HEALTH  
HAZARDOUS MATERIALS DIVISION  
20 SWAN WAY, SUITE 200  
DALLAS, TX 75221  
115121-4320

Is your Return Receipt completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1.  Addressee's Address

2.  Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:  
Di Salvo Trucking Co.  
Mr. Charles Lawlor  
660 Mariposa Street  
San Francisco, CA 94107

4a. Article Number  
P 386 338 448

4b. Service Type

Registered  Insured

Certified  COD

Express Mail  Return Receipt for Merchandise

7. Date of Delivery

8. Addressee's Address (Only if requested and fee is paid)

Signature (Addressee)  
*B. Mohammed*

6. Signature (Agent)

PS Form 3811, September 1987  
DOMESTIC RETURN RECEIPT

Thank you for using Return Receipt Service.

CONTROL REGISTER  
FOR  
PRIORITY CORRESPONDENCE

I. SUBJECT/ITEM: Disable Trucking File No. 01-0495

II. RATIONAL/REASON FOR ACTION AND ADDITIONAL NOTES:

Follow-up letter, requesting a tech. report,  
from Jan. 18, 1974 Enforcement Panel of  
County and D.A. staff.

III. DRAFT PREPARATION/REVIEW/APPROVAL

PREPARED BY	<u><i>Neil</i></u>	DATE	<u>2.22.94</u>
REVIEWED/APPROVED BY	<u><i>JF</i></u>	DATE	<u>2/22</u>
REVIEWED/APPROVED BY	_____	DATE	_____
REVIEWED/APPROVED BY	_____	DATE	_____

IV. DATE MAILED 2-24-94

## CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

SAN FRANCISCO BAY REGION

2101 WEBSTER STREET, SUITE 500

OAKLAND, CA 94612

(510) 286-1255

ALCO  
HAZMAT

94 FEB 25 AM 11:35

Mr. Charles Lawlor  
Di Salvo Trucking Co.  
660 Mariposa Street  
San Francisco, CA 94107

February 24, 1994  
File:01-0495 & 2198.17

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  - c. discusses whether additional trenches will be necessary for free product collection;
  - d. discusses what available technology is being considered for the site;
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Our office is aware that many of the <sup>to</sup> above items have been addressed in the draft proposal provided by the ACHD and to our office at the time of the pre-enforcement Panel Review. The proposed schedule also promises a number of reports and field work which precede our requested response date. You are encouraged to provide the requested reports by those deadlines but you are requested to have ACHD staff concurrence with the specifics of your field activities.

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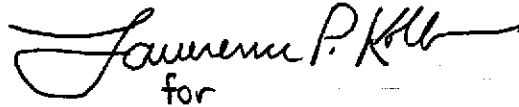
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**Please be advised that this is a formal request for a technical reports pursuant to California Water Code Section 13267 (b). Any extensions of the stated deadlines, or modifications of the required tasks, must be confirmed in writing by either this agency or the ACHD.**

Enforcement Panel  
Page 3 of 3

If you have any questions regarding the contents of this letter,  
Please contact Mr. Chan of ACHD, at (510) 271-4530.

Sincerely,

A handwritten signature in cursive script, appearing to read "Lawrence P. Ritchie".

for

Steven R. Ritchie  
Executive Officer

cc: Gil Jensen, ACDA, 7677 Oakport Street, Suite 400, Oakland  
94621  
Barney Chan, ACHD, 80 Swan Way, Suite 200, Oakland 94621

**Alameda County Department of Environmental Health  
Hazardous Materials Division**

80 Swan Way, Rm. 200, Oakland, CA 94621  
Ph: 510-271-4320 FAX: 510-568-3766

**Meeting Attendees**

Subject ST10 3887 Disalvo Trucking  
 Date 1-18-94  
 Location 80 Swan Way

	<u>Name</u>	<u>Affiliation</u>	<u>Phone # / FAX #</u>
1	<u>Sum Arigala</u>	<u>RWBLB</u>	<u>510 286 0434 / 510 286 1380</u>
2	<u>Tom Peacock</u>	<u>Alco</u>	<u>271-4530 / 569-4757</u>
3	<u>Barney Chan</u>	<u>ACEH COP</u>	<u>271-4530 / 589-4757</u>
4	<u>Edgar Howell</u>	<u>Alameda Co DSH</u>	<u>271-4320 /</u>
5	<u>Robert Lawler</u>	<u>DiSalvo Trucking Co</u>	<u>415 495 1800 / 415 495 2073</u>
6	<u>Richard Zell</u>	<u>Lawyer</u>	<u>415 / 986-2408</u>
7	<u>STUART G. Solomon</u>	<u>CONSULTANT / GEN-TECH ENVIRG.</u>	<u>408 / 559-1248</u>
8	<u>GIL JENSEN</u>	<u>ACA C.D.A</u>	<u>565-5241 / 565-0505</u>
9			<u>/</u>
10			<u>/</u>
11			<u>/</u>
12			<u>/</u>
13			<u>/</u>
14			<u>/</u>
15			<u>/</u>
16			<u>/</u>
17			<u>/</u>

January 17, 1994

Alameda County Health Care Services  
Department of Environmental Health  
Hazardous Materials Division  
80 Swan Way, Rm. 200  
Oakland, CA 94621

Attn: Barney M. Chan - Haz. Mat. Specialist

**Subject: Outline for Implementing Remedial Activities for  
Di Salvo Trucking Facility 4919 Tidewater Ave.,  
Oakland, CA 94601**

The following is Gen-Tech's suggested outline for continuing with the investigation and remedial activities at the subject site:

- 1) Write a technical report that culminates all of the work, environmental investigation, and remedial activities performed at this site to date. Write a technical workplan for the implementation of the following outline.
- 2) Install eight exploratory borings in selected areas and obtain soil and groundwater samples from each. Use the data from the borings to assist in appropriately locating three groundwater monitoring wells.
- 3) Install three groundwater monitoring wells in areas depicted on Figure 1. Develop and sample these wells. Obtain a sample of the groundwater from within the existing recovery trench system. Test each of the samples at a State Certified Lab for diesel and BTEX. Survey the well elevations. Perform a groundwater gradient study. Provide quarterly groundwater monitoring.
- 4) Research and evaluate three possible methods of site remediation, including excavation and bio-ponding, biological insitu inoculation, and pump-and-treat technologies. Write a remediation work plan for implimentation of one of these technologies
- 5) Provide quarterly technical reports of the remedial activities, including analytical test data, disposal records, and any changes in the condition of the project.
- 6) Continue this action for a period of one year - after which the program can be reviewed, and (if financially feasible), accelerated.



**Proposed Schedule - 4919 Tidewater**

*Interim Report* will be submitted to ACHSD by February <sup>28</sup>~~30~~, 1994.

*Exploratory borings* will be installed by February 20, 1994. 28

*Groundwater wells* will be permitted and installed by February ~~30~~, 1994.

*Technical Report* on well installation and sampling will be submitted to ACHSD by March 15, 1994.

*Feasibility Study and Remediation Work Plan* will be completed by March 30, 1994.

The above schedule is subject to client and agency discretion and approval.

RICHARD J. IDELL

A LAW CORPORATION

650 CALIFORNIA STREET, SUITE 1900  
SAN FRANCISCO, CALIFORNIA 94108  
(415) 986-2400

RICHARD J. IDELL  
SHERYL LAND  
WALLACE C. DOOLITTLE

FAX: (415) 986-5511

December 14, 1993

VIA FAX AND U.S. MAIL (510) 569-4757

Barney M. Chan  
Alameda County Health Care Services Agency  
80 Swan Way, Room 200  
Oakland, CA 94621

Re: Di Salvo Trucking Company

Dear Mr. Chan:

This firm represents Di Salvo Trucking Company.

I understood that Mr. Peacock is still out ill.

Although it was agreed that the "Pre-Enforcement" hearing re: the Oakland Faculty of Di Salvo could be continued from December 15, 1993 to January 18, 1994, no time has been set for the January date.

I understood that Mr. Peacock keeps the calendar on these matters but in light of his illness, I would ask that you call me this afternoon regarding the time for the new date.

We will appear on the 18th of January, not December 15, 1993, but we would like to know the time.

Please call.

Very truly yours,

RICHARD J. IDELL, A LAW CORPORATION

Richard J. Idell

RJI:cj

cc: Charles Lawlor

RICHARD J. IDELL

A LAW CORPORATION  
950 CALIFORNIA STREET, SUITE 1900  
SAN FRANCISCO, CALIFORNIA 94108  
(415) 986-2400

RICHARD J. IDELL  
SHERYL LAND  
WALLACE C. DOOLITTLE

FAX: (415) 986-5311

December 14, 1993

VIA FAX AND U.S. MAIL (510) 569-4757

Barney M. Chan  
Alameda County Health Care Services Agency  
80 Swan Way, Room 200  
Oakland, CA 94621

Re: Di Salvo Trucking Company

Dear Mr. Chan:

This firm represents Di Salvo Trucking Company.

I understood that Mr. Peacock is still out ill.

Although it was agreed that the "Pre-Enforcement" hearing re: the Oakland Faculty of Di Salvo could be continued from December 15, 1993 to January 18, 1994, no time has been set for the January date.

I understood that Mr. Peacock keeps the calendar on these matters but in light of his illness, I would ask that you call me this afternoon regarding the time for the new date.

We will appear on the 18th of January, not December 15, 1993, but we would like to know the time.

Please call.

Very truly yours,

RICHARD J. IDELL, A LAW CORPORATION

  
Richard J. Idell

RJI:cj

cc: Charles Lawlor

Alameda County Health Care Services Agency, Department of  
Environmental Health, Hazardous Materials Division

In Re The Property Known As :  
Di Salvo Trucking  
4919 Tidewater St.  
Oakland CA 94601

Proof of Service of  
Notice of  
Pre-Enforcement  
Review Panel

I Barney Chan, do hereby certify  
that I served Mr. Charles Lawlor, 660 Mariposa St., S. F.,  
CA, 94107  
with a copy of the attached Notice of Pre-Enforcement Review  
Panel on December 16, 1993 by certified  
mailer #P 422 218 113

Dated: 12/16/93

Barney Chan  
(signature)

Alameda County Health Care Services Agency, Department of  
Environmental Health, Hazardous Materials Division

In Re The Property Known As : )  
Di Salvo Trucking )  
4919 Tidewater Ave. )  
Oakland CA 94601 )

Notice of Reset of  
Pre-Enforcement  
Review Panel

\_\_\_\_\_  
(insert address of property)

Notice is hereby given that upon the motion of the Alameda County Hazardous Materials Division, and the San Francisco Bay Regional Water Quality Control Board a **Review Panel** will convene on January 18, 1994 at 2:00 pm in the offices of the Alameda County Hazardous Materials Division located at 80 Swan Way, Room 200, Oakland, CA 94621. This **Review Panel** will convene for the purpose of determining responsible parties as well as appropriate closure, site assessment, clean-up and mitigation of contamination at the above location.

The Alameda County Hazardous Materials Division, and the San Francisco Bay Regional Water Quality Control Board have named and served notice of this **Review Panel** on the following persons or entities as having proposed responsibility for closure, site assessment, clean-up and mitigation of contamination at the above location, and by this notice all parties named herein are informed of the right to appear and show cause, if any they have, for the exclusion or inclusion of any of the parties served herein from said responsibility or obligations:

1. Mr. Charles Lawlor, Di Salvo Trucking

(name)

660 Mariposa St., San Francisco, CA 94107

(address)

Dated: 12/16/93

  
(signature)

Alameda County Health Care Services Agency, Department of  
Environmental Health, Hazardous Materials Division

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

December 14, 1993

Mr. Richard Idell  
650 California St., Suite 1900  
San Francisco, CA 94108

**Re: Date for Pre-enforcement Hearing for Di Salvo Trucking, 4919  
Tidewater Ave., Oakland CA 94601**

Dear Mr. Idell:

I have received your faxed request for notification of the time for the pre-enforcement hearing for Di Salvo Trucking. As you are aware, Mr. Tom Peacock is in charge of setting up the dates and times for these type hearings. Because of his recent illness, I have been unable to obtain a time for the hearing set for January 18, 1994. I apologize for this inconvenience, but in his absence, I do not know the exact schedule for the day. Any estimate on my part would be sheer guesswork. You will be notified as soon as the time is set. If you need further clarification in Mr. Peacock's absence, please speak to Mr. Gil Jensen of the District Attorney Office. His number is (510) 569-9281.

If you have any questions, I may be reached at (510) 271-4530.

Sincerely,

Handwritten signature of Barney M. Chan in cursive script.

Barney M. Chan  
Hazardous Materials Specialist

cc: C. Lawlor, Di Salvo Trucking, 660 Mariposa St., San  
Francisco, CA 94107  
G. Jensen, Alameda County District Attorney Office  
E. Howell, files

Pre4919

RICHARD J. IDELL  
SHERYL LAND  
WALLACE C. DOOLITTLE

ALCO  
HAYMART  
RICHARD J. IDELL  
A LAW CORPORATION  
650 CALIFORNIA STREET, SUITE 1900  
SAN FRANCISCO, CALIFORNIA 94108  
93 DEC 13 AM 11:22  
(415) 986-2400

FAX:(415) 986-5511

December 9, 1993

BY FAX AND U.S. MAIL: (510) 569-4757

Tom Peacock  
80 Swan Way  
Room 200  
Oakland, California 94621

Re: Di Salvo Trucking Co.

Dear Mr. Peacock:

This will confirm my conversation with Mr. Jensen regarding the pre-enforcement hearing scheduled for December 15, 1993.

Due to a conflict, I have requested a continuance of the hearing. I spoke with Mr. Jensen who agreed to put the matter on the January 18, 1994 hearing calendar.

We did not discuss a time however. Please give me a call to discuss the time.

Very truly yours,

RICHARD J. IDELL, A LAW CORPORATION

  
Richard J. Idell

RJI:mc  
cc: Charles Lawlor

RICHARD J. IDELL, A LAW CORPORATION  
650 California Street, Suite 1900  
San Francisco, CA 94108

Telephone: (415) 986-2400

FAX NO. (415) 986-5511

FAX COMMUNICATION

Date: 12/9/93

Client No: 1718

Requested by: RJI

Contact: RJI

Please deliver the following Fax to:

Name: Tom Peacock

Fax No. (510) 569-4757

No. of Pages 2  
(includes cover page)

PLEASE NOTE:

- DELIVER IMMEDIATELY
- This is a continuation of a Fax that was interrupted in the middle of transmission
- This Fax is addressed to more than one person at your firm.
- Confirmation copy will follow by U.S. Mail
- This Fax is being sent in care of: \_\_\_\_\_
- Other comments: \_\_\_\_\_

We are transmitting on a Toshiba TF-341

For Office Use Only:

DEL. BKP: \_\_\_\_\_ DATE: \_\_\_\_\_ ITEM: \_\_\_\_\_ PCB: \_\_\_\_\_ DATE: \_\_\_\_\_ INITIALS: \_\_\_\_\_

NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHOM IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL, AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. If the reader of this message is not the intended recipient or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return the original message to us at the above address. Thank you.



RICHARD J. IDELL  
SHERYL LAND  
WALLACE C. DOOLITTLE

RICHARD J. IDELL  
A LAW CORPORATION  
850 CALIFORNIA STREET, SUITE 1900  
SAN FRANCISCO, CALIFORNIA 94108  
(415) 988-2400

FAX: (415) 986-5511

December 9, 1993

BY FAX AND U.S. MAIL: (510) 569-4757

Tom Peacock  
80 Swan Way  
Room 200  
Oakland, California 94621

Re: Di Salvo Trucking Co.

Dear Mr. Peacock:

This will confirm my conversation with Mr. Jensen regarding the pre-enforcement hearing scheduled for December 15, 1993.

Due to a conflict, I have requested a continuance of the hearing. I spoke with Mr. Jensen who agreed to put the matter on the January 18, 1994 hearing calendar.

We did not discuss a time however. Please give me a call to discuss the time.

Very truly yours,

RICHARD J. IDELL, A LAW CORPORATION

  
Richard J. Idell

RJI:mc  
cc: Charles Lawlor

Alameda County Health Care Services Agency, Department of  
Environmental Health, Hazardous Materials Division

In Re The Property Known As :  
Di Salvo Trucking  
4919 Tidewater St.  
Oakland CA 94601

Proof of Service of  
Notice of  
Pre-Enforcement  
Review Panel

I ~~Barney Chan~~, do hereby certify  
that I served Mr. Charles Lawlor, 660 Mariposa St., S. F.,  
CA, 94107  
with a copy of the attached Notice of Pre-Enforcement Review  
Panel on November 30, 1993 by certified  
mailer #P 422 218 102

Dated: 11/30/93

Barney Chan  
(signature)

Alameda County Health Care Services Agency, Department of  
Environmental Health, Hazardous Materials Division

In Re The Property Known As : )  
Di Salvo Trucking )  
4919 Tidewater Ave. )  
Oakland CA 94601 )

Notice of  
Pre-Enforcement  
Review Panel

(insert address of property)

Notice is hereby given that upon the motion of the Alameda County Hazardous Materials Division, and the San Francisco Bay Regional Water Quality Control Board a **Review Panel** will convene on December 15, 1993 at 10:00 am in the offices of the Alameda County Hazardous Materials Division located at 80 Swan Way, Room 200, Oakland, CA 94621. This **Review Panel** will convene for the purpose of determining responsible parties as well as appropriate closure, site assessment, clean-up and mitigation of contamination at the above location.

The Alameda County Hazardous Materials Division, and the San Francisco Bay Regional Water Quality Control Board have named and served notice of this **Review Panel** on the following persons or entities as having proposed responsibility for closure, site assessment, clean-up and mitigation of contamination at the above location, and by this notice all parties named herein are informed of the right to appear and show cause, if any they have, for the exclusion or inclusion of any of the parties served herein from said responsibility or obligations:

1. Mr. Charles Lawlor, Di Salvo Trucking

(name)

660 Mariposa St., San Francisco, CA 94107

(address)

Dated: 11/29/93

  
(signature)

Alameda County Health Care Services Agency, Department of  
Environmental Health, Hazardous Materials Division

P 422 218 102



**Receipt for  
Certified Mail**

No Insurance Coverage Provided  
Do not use for International Mail  
(See Reverse)

Sent to	
Mr. Charles Lawlor	
Street or R.F.D.	
860 Mariposa Street	
P.O., State and ZIP Code	
San Francisco, CA 94107	
B.C.	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, June 1991

Alameda County Health Care Services Agency, Department of  
Environmental Health, Hazardous Materials Division

In Re The Property Known As :  
Di Salvo Trucking  
4919 Tidewater Ave.  
Oakland CA 94601

Proof of Service of  
Notice of  
Pre-Enforcement  
Review Panel

I Barney Chan, do hereby certify  
that I served Mr. Charles Lawlor, 660 Mariposa St., S.F.,  
CA 94107  
with a copy of the attached Notice of Pre-Enforcement Review  
Panel on October 6, 1993 by certified  
mailer # P 386 338 133

Dated: 10/6/93

Barney Chan  
(signature)

Alameda County Health Care Services Agency, Department of  
Environmental Health, Hazardous Materials Division

In Re The Property Known As : )  
Di Salvo Trucking )  
4919 Tidewater Ave. )  
Oakland CA 94601 )

Notice of  
Pre-Enforcement  
Review Panel

\_\_\_\_\_  
(insert address of property)

Notice is hereby given that upon the motion of the Alameda County Hazardous Materials Division, and the San Francisco Bay Regional Water Quality Control Board a **Review Panel** will convene on October 27, 1993 at 10:00 am in the offices of the Alameda County Hazardous Materials Division located at 80 Swan Way, Room 200, Oakland, CA 94621. This **Review Panel** will convene for the purpose of determining responsible parties as well as appropriate closure, site assessment, clean-up and mitigation of contamination at the above location.

The Alameda County Hazardous Materials Division, and the San Francisco Bay Regional Water Quality Control Board have named and served notice of this **Review Panel** on the following persons or entities as having proposed responsibility for closure, site assessment, clean-up and mitigation of contamination at the above location, and by this notice all parties named herein are informed of the right to appear and show cause, if any they have, for the exclusion or inclusion of any of the parties served herein from said responsibility or obligations:

1. Mr. Charles Lawlor, Di Salvo Trucking  
(name)  
660 Mariposa St., San Francisco, CA 94107  
(address)
2. \_\_\_\_\_  
\_\_\_\_\_
3. \_\_\_\_\_  
\_\_\_\_\_

Dated: 10/6/93

Barnes Cho  
(signature)

Alameda County Health Care Services Agency, Department of

EST 986 338 133



**Receipt for Certified Mail**

No Insurance Coverage Provided  
Do not use for International Mail  
(See Reverse)

BC

Sent to		Charles Lawlor	
Street and No.		660 Mariposa St.	
P.O., State and ZIP Code		San Francisco CA	
Postage	94107	\$	
Certified Fee			
Special Delivery Fee			
Restricted Delivery Fee			
Return Receipt Showing to Whom & Date Delivered			
Return Receipt Showing to Whom, Date, and Addressee's Address			
TOTAL Postage & Fees		\$	
Postmark or Date			

PS Form 3800, June 1991

Alameda County Health Care Services Agency, Department of  
Environmental Health, Hazardous Materials Division

In Re The Property Known As :  
Di Salvo Trucking  
4919 Tidewater Ave.  
Oakland CA 94601

Proof of Service of  
Notice of  
Pre-Enforcement  
Review Panel

I Barney Chan, do hereby certify  
that I served Mr. Charles Lawlor, 660 Mariposa St., S.F.,  
CA 94107  
with a copy of the attached Notice of Pre-Enforcement Review  
Panel on October 15, 1993 by certified  
mailer # P 418 724 689

Dated: 10/15/93

Barney Cho  
(signature)





P 418 724 689



### Receipt for Certified Mail

No Insurance Coverage Provided  
Do not use for International Mail  
(See Reverse)

BC

Sent to <b>Charles Lawlor</b>	
Street and No. <b>660 Mariposa St.</b>	
P.O., State, and ZIP Code <b>San Francisco 94107</b>	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, June 1991

*Now Pre-ent hearing date*

Is your RETURN ADDRESS completed on the reverse side?

#### SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to: RC #

**Mr. Charles Lawlor  
Di Salvo Trucking  
660 Mariposa Street  
San Francisco CA 94107**

4a. Article Number  
**P 418 724 689**

4b. Service Type  
 Registered     Insured  
 Certified     COD  
 Express Mail     Return Receipt for Merchandise

7. Date of Delivery

5. Signature (Addressee)  
*Charles Lawlor*

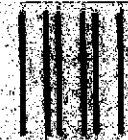
6. Signature (Agent)

8. Addressee's Address (Only if requested and fee is paid)

Thank you for using Return Receipt Service.

UNITED STATES POSTAL SERVICE

Official Business



PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE: \$300



5/31/94 10:08 AM

Print your name, address and ZIP Code here

DEPARTMENT OF ENVIRONMENTAL HEALTH  
HAZARDOUS MATERIALS DIVISION  
20 SWAN WAY, SUITE 200  
OAKLAND, CA 94621  
430-4539

<p><b>SENDER:</b></p> <ul style="list-style-type: none"> <li>• Complete items 1 and/or 2 for additional services.</li> <li>• Complete items 3, and 4a &amp; b.</li> <li>• Print your name and address on the reverse of this form so that we can return this card to you.</li> <li>• Attach this form to the front of the mailpiece, or on the back if space does not permit.</li> <li>• Write "Return Receipt Requested" on the mailpiece below the article number.</li> <li>• The Return Receipt will show to whom the article was delivered and the date delivered.</li> </ul>	<p>I also wish to receive the following services (for an extra fee):</p> <p>1. <input type="checkbox"/> Addressee's Address</p> <p>2. <input type="checkbox"/> Restricted Delivery</p> <p>Consult postmaster for fee.</p>
	<p>3. Article Addressed to: BC #3687</p> <p>R W L Investments P. O. Box 3765 San Francisco CA 94120</p>
<p>5. Signature (Addressee)</p>	<p>7. Date of Delivery MAY 31 1994</p>
<p>6. Signature (Agent)</p>	<p>8. Addressee's Address (Only if requested and fee is paid)</p>
<p>PS Form 3811, <b>DOMESTIC RETURN RECEIPT</b></p>	

Is your RETURN RECEIPT completed on the reverse side?

Thank you for using Return Receipt Service

UNITED STATES POSTAL SERVICE

Official Business



PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE, \$300



Print your name, address and ZIP Code here

DEPARTMENT OF ENVIRONMENTAL HEALTH  
HAZARDOUS MATERIALS DIVISION  
88 SWAN WAY, SUITE 200  
OAKLAND, CA 94621  
415-4530

Is your return on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- 1.  Addressee's Address
- 2.  Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to: **BC**

**Charles Lawlor**  
**Di Salvo Trucking**  
**660 Mariposa St.**  
**San Francisco CA 94107**

4a. Article Number  
**P 386 338 133**

4b. Service Type

Registered     Insured

Certified     COD

Express Mail     Return Receipt for Merchandise

7. Date of Delivery

Signature (Addressee)

Signature (Agent)

8. Addressee's Address (Only if requested and fee is paid)

United States Postal Service

Official Business



Print your name, address and ZIP code

DEPARTMENT OF ENVIRONMENTAL PROTECTION  
HAZARDOUS WASTE  
80 SOUTH WYOMING STREET  
SAN FRANCISCO, CA 94107

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece next to the article number.

I also wish to receive the following services (for an extra fee):

1.  Addressee's Address
2.  Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Mr. Charles Lawlor  
558 Mariposa Street  
San Francisco, CA 94107

4a. Article Number

P 422 218 102

4b. Service Type

- Registered  Insured
- Certified  COD
- Express Mail  Return Receipt for Merchandise

7. Date of Delivery

8. Addressee's Address (Only if requested and fee is paid)

Signature (Addressee)

Signature (Agent)

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

September 23, 1993  
StID # 3687

Mr. Charles Lawlor  
Di Salvo Trucking  
660 Mariposa St.  
San Francisco, CA 94107

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

**Re: Status of Subsurface Investigation at 4919 Tidewater Ave.,  
Oakland CA 94601, Di Salvo Trucking**

Dear Mr. Lawlor:

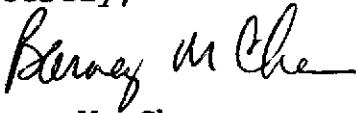
My last correspondence to you was an April 14, 1993 letter written after the April 13th meeting with you, your consultant, Mr. Stuart Solomon, and myself. In this meeting, I stressed that our office considered this case a high priority given the amount of diesel fuel released at this site. I was encouraged after this meeting since you concurred with the proposal of additional borings and monitoring wells. Many items were discussed in this meeting. They were summarized in my April 14th letter. You were formally requested to provide copies of reports which the County did not have, to provide a report which addressed specific questions and to provide a work plan which outlined the installation of additional soil borings and a minimum of three monitoring wells. Please refer to the enclosed letter for your reference. All these technical reports were requested within 45 days of that letter (end of June). To this date, over five months later, our office has yet to receive any of the requested reports.

We are aware that Di Salvo is attempting to reach a settlement from Chevron, who may have some liability due to their installation of the underground tanks at this site. You have been requested to inform our office of the Chevron contact for the intent of notification of remediation requirements. As of this date, we have not been given this information. As mentioned in our previous conversation, because of the extent of the fuel release and because of the failure to perform the requested subsurface investigation, a pre-enforcement hearing will be scheduled for this site at the end of October 1993. You will be formally notified of the exact time and date in the future. Again, you are requested to notify our office of the contact with Chevron so they may also be present at this hearing.

Mr. Charles Lawlor  
StID # 3687  
4919 Tidewater Ave.  
September 23, 1993  
Page 2.

You may contact me at (510) 271-4530 if you have any questions.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

enclosure (Mr. Lawlor)

cc: G. Jensen, Alameda County District Attorney Office  
S. Solomon, Gen-Tech Environmental, 1936 Camden Ave., Ste.1,  
San Jose, CA 95124

**E. Howell, files**

4-4919Tide

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY



DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

April 14, 1993  
StID # 3687

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

Mr. Charles Lawlor  
Di Salvo Trucking  
660 Mariposa St.  
San Francisco, CA 94107

**Re: Comment on Meeting Regarding Work Plan for Further Subsurface  
Investigation at 4919 Tidewater Ave, Oakland CA 94601**

Dear Mr. Lawlor:

This letter serves to summarize the April 13, 1993 office meeting I had with you and your consultant, Mr. Stuart Solomon regarding the status of the investigation at the above referenced site. Some of our office's concerns were due to the lack of progress in free product removal and the determination of the extent of the soil and groundwater contamination. Other questions appear to have resulted from the lack of one or more technical reports. Because of this, I would like to make you aware that our office is in receipt of the following reports:

- \* April 27, 1989, Underground Tank Removal, 4919 Tidewater Ave. Geo-Environmental Technology
- \* June 15, 1989, Preliminary Investigation, 4919 Tidewater Ave. Geo-Environmental Technology
- \* July 14, 1989, Declassification of contaminated soil located at Di Salvo Trucking Company, 4949 Tidewater, Oakland, CA.

Please provide copies of all other reports beyond the three listed above. In addition, during this meeting, it was agreed that you should provide a summary report giving the current status of all work, outlining all past work and reports and providing a schedule for a future proposed work (which I will outline later in this letter).

The following County concerns have been conveyed to you on several occasions through a series of letters. I would like to summarize these concerns and if an explanation of any these items is not addressed in any of the additional reports which you will be providing, please respond to these items in your forthcoming report/work plan.

1. Please provide manifests for all hydrant fuel lines removed and disposed of in addition to analytical results of soil samples from the fuel line trenches.



Mr. Charles Lawlor  
StID # 3687  
4919 Tidewater Ave.  
April 14, 1993  
Page 2.

2. Please provide evidence of the proper capping of the eight inch pipeline uncovered during the underground tank removals.

3. Please provide the report detailing the sampling and analysis of the bioremediated soils generated from the tank removals. Include any written response from our office or that of the Regional Water Quality Control Board (RWQCB) authorizing the reuse of these soils.

4. Please detail the installation of the trench system installed at site. A map showing its location relative to the previous borings should be provided.

5. Please provide the report detailing the results of the perimeter samples which apparently define, partially, the limits of soil and groundwater contamination.

In regards to what items should be done to continue the investigation, (excluding the submittal of all additional reports), we discussed the following:

1. Exploratory borings would be drilled to groundwater and soil and grab groundwater samples will be taken for analysis. A minimum of three monitoring wells should be installed to determine the groundwater gradient and define the limits of the soil and groundwater contamination.

2. Continual removal of any free product would continue from the extraction well. Quarterly reports should be issued detailing the work performed during the past quarter and any anticipated work for the following quarter.

3. Consideration would be given to extending the current trench network to include more of those areas containing free product. Our office had concerns that all free product areas may not be affected with the current system.

4. Other alternatives to groundwater extraction will be investigated. Our office stated our willingness to consider enhanced bioremediation through reinjection of inoculated groundwater and supplemented inorganic sources.

Mr. Charles Lawlor  
StID # 3687  
4919 Tidewater Ave.  
April 14, 1993  
Page 3.


5. The importance of providing a time schedule for proposed tasks was stressed.

Because of the serious potential of free product, our office requests the submission of all additional reports to our office **within 30 days** and the submission of a formal work plan including the above items **within 45 days** of this letter.

You are reminded that this is a formal request for technical reports pursuant to the California Water Code Section 13267 (b). Failure to submit the requested documents may subject Di Salvo Trucking to civil liabilities.

You may contact me at (510) 271-4530 if you have any questions.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

cc: G. Jensen, Alameda County District Attorney Office  
R. Hiett, RWQCB  
S. Solomon, Gen-Tech Environmental, 1936 Camden Ave., Ste.1,  
San Jose, CA 95124  
E. Howell, files

3-4919Tidewater

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

March 12, 1993  
StID # 3687

Di Salvo Trucking  
Mr. Charles Lawler  
660 Mariposa St.  
San Francisco, CA 94107

NOTICE OF VIOLATION

**Re: Request for Technical Report and Work Plan for Additional  
Subsurface Investigation and Remediation at 4919 Tidewater  
Ave., Oakland CA 94601, Di Salvo Trucking**

Dear Mr. Lawler:

You were contacted in my May 7, 1992 letter requesting the status of the subsurface investigation at the above site. Apparently only portions of the the proposed activities of the June 15, 1989 and March 12, 1991 proposal reports from Geo-Environmental Technology were performed. Mr. Stuart Solomon, your consultant, responded to the May 7th letter in his June 22, 1992 letter. Some of the issues raised in my letter were addressed but others remained unresolved. Because of this, I wrote you again in my October 21, 1992 letter and requested a number of items and offered the County's opinion of the "Proposed Resolution" of Mr. Solomon in his June 22, 1992 letter. I also included a compromise proposal to Mr. Solomon's "Proposed Resolution". You were requested to provide a written response to my October 21, 1992 letter **within 30 days**. To this date, our office has not received any written reply from you.

I recently contacted Mr. Solomon and requested an update on the status of the investigation and remediation at this site. He stated that he had not been authorized to issue any status report and he believed none of the items in the County's compromise proposal had been performed. These items were:

1. The installation of a minimum of three monitoring wells to determine gradient and extent of groundwater contamination.
2. The initiation of free product removal from the collection well and the issuance of quarterly monitoring reports which give monitoring well analytical results, gradient determination and a status of work performed.

Mr. Charles Lawler  
DiSalvo Trucking  
StID # 3687  
March 12, 1993  
Page 2.

3. The issuance of a "technical report" which would minimally include the results of additional borings on the perimeter of the site, offer options for addressing the dissolved product and describe additional soil remediation.

The items which remain unresolved were:

- a. Provide copies of the manifest for the disposal of the fuel lines and any analytical results from pipeline soil samples.
- b. Provide evidence of the proper closure of the 8-10" pipe discovered during the excavation of the underground tanks.

The extent of contamination at this site is severe. Reportedly, 20,000 gallons of diesel has already been removed from the excavation pit. There remains an undetermined amount of free product and dissolved product under this site and it is not clear whether the contamination has migrated beyond the property limits.

Please be advised that you are currently in violation of:

Title 23, California Code of Regulations, Section 2652 (d) which states the until the investigation and cleanup is complete the owner or operator shall submit reports to the local agency every three months or at a more frequent interval.

Title 23, California Code of Regulations, Section 2655 which states that the owner or operator shall conduct free product removal in a manner which minimizes the spread of contamination into previously uncontaminated zones by using recovery and disposal techniques appropriate to the hydrogeologic conditions at the site.

In addition, you are also in violation of Section 25298 (c) (4), of the California Health and Safety Code (CH&SC) which states that no person shall close an underground tank system unless the person has demonstrated to the appropriate agency that the site has been investigated to determine if there are any present, or were past releases, and if so, that appropriate corrective or remedial actions have been taken.

Mr. Charles Lawler  
StID #3687  
4919 Tidewater Ave.  
March 12, 1993  
Page 3.

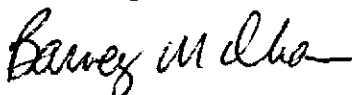
You should be aware that Section 25299 (a) (5) of the CH&SC authorizes a civil penalty of not less than \$500 or more than \$5000 for each underground tank for each day of violation. Failure to submit the requested reports may cause this case to be referred to the Regional Water Quality Control Board (RWQCB) or to the Alameda County District Attorney's Office for enforcement.

Please submit the following items within 30 days:

1. A technical report which details all past work. All boring sample results should be shown on a site map along with their respective petroleum concentration. Items (a) and (b) from above should also be addressed. The report should also provide a work plan for the installation of a minimum of three monitoring wells and the removal of free product from the collection well at regular intervals. Free product recovery must begin immediately.
2. Please provide the 4/27/89 report by Geo-Environmental Technology which documents the concentrations of all reused soils which were used at 4909 Tidewater. You are reminded to provide quarterly reports on the status of your remediation detailing the amounts of free product removed during the quarter and the intended work for the next quarter. When monitoring wells are installed, you should provide a groundwater gradient map, monitoring well analytical results and maps estimating the extent of the soil and groundwater contamination in all quarterly monitoring reports.

You may contact me at (510) 271-4530 if you have any questions.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

cc: G. Jensen, Alameda County District Attorney Office  
R. Hiatt, RWQCB  
S. Solomon, Geo-Environmental Technology, 260 Cristich Lane,  
Campbell, CA 95008  
E. Howell, files  
NOV4919

ALAMEDA COUNTY  
HEALTH CARE SERVICES AGENCY

Hazardous Materials Program  
80 Swan Way, Rm. 200  
Oakland, CA 94621

POSTAGE WILL BE PAID BY ADDRESSEE

50

3/30/93

S. Solomon  
Geo-Environmental Technology  
~~260 Cristich Lane~~ 1936 Camden Ave #1  
Campbell, CA 95008 San Jose 95124

408 579-1220

RETURN TO SENDER  
NOT DELIVERABLE  
AS ADDRESSED  
FORWARDING  
ORDER EXPIRED

SAN JOSE CA 95124  
1 PM  
18 MAR 1993



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

March 12, 1993  
StID # 3687

Di Salvo Trucking  
Mr. Charles Lawler  
660 Mariposa St.  
San Francisco, CA 94107

NOTICE OF VIOLATION

**Re: Request for Technical Report and Work Plan for Additional  
Subsurface Investigation and Remediation at 4919 Tidewater  
Ave., Oakland CA 94601, Di Salvo Trucking**

Dear Mr. Lawler:

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Mr. Charles Lawler  
DiSalvo Trucking  
StID # 3687  
March 12, 1993  
Page 2.

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The items which remain unresolved were:

- a. Provide copies of the manifest for the disposal of the fuel lines and any analytical results from pipeline soil samples.
- b. Provide evidence of the proper closure of the 8-10" pipe discovered during the excavation of the underground tanks.

The extent of contamination at this site is severe. Reportedly, 20,000 gallons of diesel has already been removed from the excavation pit. There remains an undetermined amount of free product and dissolved product under this site and it is not clear whether the contamination has migrated beyond the property limits.

Please be advised that you are currently in violation of:

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Title 23, California Code of Regulations, Section 2655 which states that the owner or operator shall conduct free product removal in a manner which minimizes the spread of contamination into previously uncontaminated zones by using recovery and disposal techniques appropriate to the hydrogeologic conditions at the site.

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Mr. Charles Lawler  
StID #3687  
4919 Tidewater Ave.  
March 12, 1993  
Page 3.

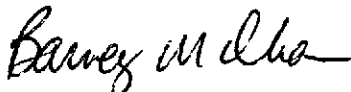
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Please submit the following items within 30 days:

1. A technical report which details all past work. All boring sample results should be shown on a site map along with their respective petroleum concentration. Items (a) and (b) from above should also be addressed. The report should also provide a work plan for the installation of a minimum of three monitoring wells and the removal of free product from the collection well at regular intervals. Free product recovery must begin immediately.
2. Please provide the 4/27/89 report by Geo-Environmental Technology which documents the concentrations of all reused soils which were used at 4909 Tidewater. You are reminded to provide quarterly reports on the status of your remediation detailing the amounts of free product removed during the quarter and the intended work for the next quarter. When monitoring wells are installed, you should provide a groundwater gradient map, monitoring well analytical results and maps estimating the extent of the soil and groundwater contamination in all quarterly monitoring reports.

You may contact me at (510) 271-4530 if you have any questions.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

cc: G. Jensen, Alameda County District Attorney Office  
R. Hiatt, RWQCB  
S. Solomon, Geo-Environmental Technology, 260 Cristich Lane,  
Campbell, CA 95008  
E. Howell, files *EH*  
NOV4919

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

October 21, 1992  
STID. # 3687

Di Salvo Trucking  
Attn: Mr. Charles Lawler  
660 Mariposa St.  
San Francisco, CA 94107

Re: Comment on Proposed Modified Interim Workplan for Di Salvo  
Trucking, 4919 Tidewater Ave., Oakland CA 94601

Dear Mr. Lawler:

Our office has received your consultant's June 22, 1992 response to my May 7, 1992 letter requesting further information and an addendum workplan for the the above site. We acknowledge the "situation" which Di Salvo Trucking is in and therefore will consider your consultant's "Proposed Resolution" as an interim measure to address the free product situation. Be advised that a more elaborate groundwater treatment system will be required to treat the dissolved petroleum contamination in the future and that a groundwater treatment system will be required if there is evidence of offsite migration of petroleum contaminant.

It appears that a number of issues in my May 7, 1992 letter still need your clarification. Please respond to the following:

1. Please provide copies of the manifests for the disposal of the fuel lines mentioned in item #1. Be advised that additional soil samples will be required under the former remote fuel lines, west of the 10,000 gallon diesel tank at a frequency of 1 per every 20 linear feet. Samples should be analyzed for Total Petroleum Hydrocarbons as diesel (TPHd) and Benzene, Toluene, Ethylbenzene and Xylenes (BTEX).

2. The eight inch pipe containing diesel fuel which traverses your property but is unclear as to the origin or ownership of must be plugged or capped at its entrance and exit to your site. Please verify that this has been done on your next report to our office.

3. Please address question 1 of my May letter regarding the final disposition of the contaminated stockpiled soils generated from this site. Please provide copies of the analytical results of verification bioremediated soil samples which were used as fill at 4909 Tidewater. What sampling frequency was used?

*in a report*

*in a report*

*in a report*

*RAFAT  
File*

Mr. Charles Lawler  
STID # 3687  
4919 Tidewater Ave.  
October 21, 1992  
Page 2.

4. I understand that the trenches proposed in the Gen-Tech March 12, 1991 proposal have been installed. Please give the progress as to the amount of free product which has been removed from the recovery sump. This information should be included on all quarterly reports along with copies of disposal receipts for any product removed.

In response to Mr. Solomon's "Proposed Resolution" our office would offer the following comments:

1. The extent of shallow groundwater contamination at this site is great as evidenced by the free product found in borings performed by Geo-Environmental Technology. To recommend only one monitoring well in the assumed down gradient is not technically sound. In fact, Geo-Environmental Technology's June 15, 1989 proposal called for the installation of 5 shallow groundwater monitoring wells to define the lateral extent of groundwater contamination. I would recommend a minimum of **three** monitoring wells be installed, one in the assumed upgradient direction and two in the assumed downgradient direction. The wells should be located appropriately to determine the extent of the hydrocarbon plume, if possible. The wells should be monitored quarterly for TPH as diesel, oil and grease and BTEX. One concession can be made, that is, sampling may occur **semi-annually** until detectable amounts of the above parameters are found in any of the wells, in which case sampling will revert to quarterly.

2 and 3. Free product removal from the collection pit can and should begin immediately. Quarterly reports should be provided per item 3 of Mr. Solomon's proposed resolution. The contents of such reports should also include groundwater gradient diagrams.

4. The above actions may continue for a period of one year and be reviewed and accelerated as your company is able to. These actions are permissible on the condition that monitoring well results indicate that the hydrocarbon plume is still confined to your site.

A number of items in Mr. Solomon's June 22, 1992 letter are to be addressed in a "technical report to follow shortly". Please inform our office when we might receive this report. Recall this report was to address the extremity samples which will verify the extent of soil contamination and offer options for addressing the dissolved product and also describe additional soil remediation.

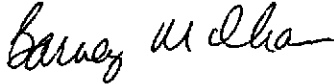
Mr. Charles Lawler  
STID # 3687  
4919 Tidewater Ave.  
October 21, 1992  
Page 3.

Please provide a written response to this letter within 30 days of receipt of this letter. This response should include copies of the requested documents, answer all questions posed and comment on the conditions of the County's counter proposal to Mr. Solomon's "Proposed Resolution".

This is a formal request for technical reports pursuant to the California Water Code Section 13267 (b). Failure to submit the requested documents may subject Di Salvo Trucking to civil liabilities.

Please contact me at (510) 271-4350 should you have any questions regarding this letter.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

cc: G. Jensen, Alameda County District Attorney Office  
R. Hiatt, RWQCB  
RWL Investments Inc., P.O. Box 3765, San Francisco, CA  
94120  
S. Solomon, Geo-Environmental Technology, 260 Cristich Lane,  
Campbell, CA 95008  
E. Howell, files  
2-4919Tide

BH

Review this w/ [redacted] office - 0.3hr

**Stuart G. Solomon, Consultant**

4761 Calle De Tosca, San Jose, CA 95118 (408) 859-1220

92 JUN 19 09 29

June 22, 1992

Alameda County Health Care Services  
Department of Environmental Health  
Hazardous Materials Division  
80 Swan Way, Rm. 200  
Oakland, CA 94621

#  
STW 3687

Attn: Barney M. Chan - Haz. Mat. Specialist

Subject: Progress Report for the Di Salvo Trucking Facility  
4919 Tidewater Ave., Oakland, CA 94601

Dear Mr. Chan,

We are in receipt of your May 7, 1992 letter requesting a progress report on the subject site. Di Salvo has retained our firm to write the requested technical reports, and to advise them on further work requirements at this site. This letter outlines the progress to date, and will be followed by the technical reports which formally document the work completed. The necessary data is presently being compiled in order to complete the technical narratives.

Our response to each of the numerical items in your letter follows.

**Item #1:** The remaining remote fuel dispenser lines and associated hydrants have been removed and properly disposed of. The only soil contamination found during the removal was reportedly at or near the groundwater interface. Most of the areas in the vicinity of the hydrant lines contain groundwater contamination. We believe that the logical approach to the remaining soil contamination is to first address the free product on the site, and then take up the issue of the remaining affected soil. Replacing the contaminated soil with clean fill will only cause the clean soil to also become impacted by the existing free product - requiring future clean-up.

**Item #2:** A 36 inch interceptor drain was installed as part of the implementation of the March 12, 1991 work plan prepared by Gen-Tech Environmental. This collection "pit" is connected to the trenches described in item #6 below.

**Item #3:** Please see item #6 below.

**Item #4:** We are of the understanding that extremity samples taken on the southwest portion of the contaminated area were clean. We will specifically address this issue in our technical report (to follow shortly).

where is the "next tech report?"

*\* need to cap or  
fill the pipe  
immediately*

**Item #5:** The eight inch pipe that was discovered during the initial excavation was broken by the excavator during the tank removals and subsequent further excavation. The portion of the pipe that was within the excavation area was removed after it had completely drained. This part of the pipe was disposed of along with the tanks at H & H Ship Service. The remainder of the pipe was left in place. GET was able to trace the pipe to either side of the Di Salvo property, but has no clue as to where it may continue off site, or to whom it may have belonged to in the past. GET contacted all of the public utility agencies, reviewed past records where possible, and arrived at a dead end. There is speculation that this pipe may have been used to transport fuel between the bay and a refinery that reportedly operated in the vicinity during the 1920's. Further research is necessary. Our client cannot afford the research, and has asked us to hold off on further investigation of this matter.

**Item #6:** Trenches have been installed in the areas presented in the Gen-Tech March 12, 1991 Proposed Work Plan. Details on the trench installation will follow in the Technical Report. Options for addressing the dissolved product issues, and additional soil remediation will also be discussed in the Technical Report (to follow).

### Situation

Di Salvo Trucking has been struggling for survival during the past three years. Presently, the company is under strike by the Teamsters Union, and has lost more than half of its (previously reduced) client base. To date, the company has spent about \$250,000 on the Oakland terminal clean-up. Most of this was afforded in 1989 - just prior to the company suffering dramatic losses due to de-regulation. In addition to the Oakland site, Di Salvo owns or occupies at least four other California sites for which it is the PRP for contamination clean-up. It is somewhat questionable as to whether or not the entity can survive.

Since the installation of the trenches, Di Salvo has not been able to afford the cost of continuing the remediation at the Oakland site. The client simply does not have the capital necessary to perform the work at this time.

We have applied for the State Reimbursement Fund to assist Di Salvo in recouping some of the expenses spent to date on this project. We are in the process of investigating other PRP's that may have been responsible for contributing to the contamination. We have also begun negotiations with the insurance company who may be responsive to absorbing some or all of the costs incurred. We do not, however, expect a settlement in the immediate future.

Proposed Resolution

Given the circumstances, it would be senseless and non-productive to force action against Di Salvo. This is not a case of the client refusing to take corrective action, but rather a struggle for the company's survival.

The evidence to date shows that the work performed so far has removed the primary sources of leakage (ie; tanks, hydrants, and piping). The majority of free product has been removed from the groundwater. Only isolated "pockets" of product remain. Previous studies have indicated that the plume had not migrated off-site. The affected areas are well within the property boundaries.

The client is going to need time to recover the capital that has been spent to date at this site before they can continue the clean-up efforts. We know of no loans available for contaminated sites.

With this in mind, we propose the following strategy (technical work plan to follow if this is acceptable to the agency):

- 1) Install one groundwater monitoring well in an area directly down gradient - between the affected portion of the property and Tidewater Ave.. Test this well bi-annually for TPH diesel.
- 2) Begin free product recovery from the collection pit (low point to the trenches). This will be accomplished by installing a product recovery pump. Product will be pumped into 55 gallon drums and properly disposed of.
- 3) Provide quarterly technical reports of the remedial activities, including analytical test data, disposal records, and any changes in the condition of the project.
- 4) Continue this action for a period of one year - after which the program can be reviewed, and (if feasible), accelerated - or continued until such time as the client has been able to recoup some of the capital spent to date.

The client has agreed that all money collected as a result of the aforementioned collection efforts will be dedicated exclusively to completing this project.

We respectfully request that your agency accept this plan. Please contact me if you have any questions concerning this project. We will await your reply.

Very truly yours,

  
Stuart G. Solomon  
Senior Consultant

*5/20/00*  
*5/20/00*  
*38 PR*

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

May 7, 1992  
STID # 3687

DEPARTMENT OF ENVIRONMENTAL HEALTH  
Hazardous Materials Division  
80 Swan Way, Rm. 200  
Oakland, CA 94612  
(510) 271-4320

Di Salvo Trucking  
Attn: Mr. Charles Lawler  
660 Mariposa Street  
San Francisco, CA 94107

QUALITY CONTROL BOARD  
MAY 12 1992

Re: Request for Update of Subsurface Investigation at Di Salvo Trucking, 4919 Tidewater Ave., Oakland CA 94601

Dear Mr. Lawler:

As you are aware, the oversight of the subsurface investigation at the above site has been transferred to the Local Oversight Program, LOP, within Alameda County Environmental Health, Hazardous Materials Division. A recent "Notice of Requirement to Reimburse" was sent to you notifying you of this occurrence. Be advised that your new contact person is the undersigned Hazardous Materials Specialist. Upon review of the case file, it appears that at least two other individuals have been in contact with you and each individual has noted in the files that the proposed work plan for initial assessment for this site is acceptable. Recall the June 15, 1989 Preliminary Investigation report prepared by Environmental Technology and the March 12, 1991 report prepared by Gen-Tech Environmental. Both reports recommend further action to define and control the large diesel contamination which exists under this site. As a way to provide guidance for the remediation, our office requests an update of all work that has transpired since the time of the discovery of the diesel fuel release, approximately April 1989. This update will note to what extent the recommendations of these reports have been accomplished, answer the questions which follow and provide a work plan for future work. The questions posed come after the review of the forementioned reports and will serve to determine what additional work will be required.

Please give the status of the following items recommended in the referenced reports:

From the June 15, 1989 report:

1. The remaining remote fuel dispenser line and hydrants were to be excavated. Shallow soil contamination associated with the lines would also be excavated.
2. An interceptor drain pit or additional recovery sump along the former southern product line was recommended.



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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

December 14, 1990

Mr. Andrew Clark-Clough  
Port of Oakland  
530 Water Street  
Oakland, CA 94607

Dear Andrew:

Michele Heffes had requested that we keep the Port informed of any activities associated with underground tanks at facilities located within Port property. With this in mind, I wanted to briefly provide you a status report on Di Salvo Trucking, located at 4919 Tidewater Avenue. Based on the map Lydia Huang of Baseline gave us, it appears that Di Salvo is within Port boundaries.

I was given this case earlier this week and reviewed the information we have. There were 4 tanks removed from the facility in March 1989, and water and diesel were seen flowing into the pit from a corner of the excavation. Di Salvo had Geo-Environmental conduct a preliminary assessment at the site, in May 1989, and the results show that product was in at least nine borings. A "recovery sump" was created in a portion of the tank excavation to capture the product flowing into the pit. At the time of the report, approximately 2,400 gallons of diesel had been recovered from the sump.

I contacted Stuart Solomon of Geo-Environmental on December 13, 1990 to find out if anything else has been done since 1989. It appears that they've pumped out about 30,000 gallons of water diesel mixture that he estimates to be 50 to 75% product. I told Stuart that I want to see a workplan by the end of January. I called Mr. John Tounger of Di Salvo and left a message for him to call me.

From the report, it appears that when the tanks were operating the diesel was pumped through a hydrant system, and during the investigation at least 2 areas of corrosion in the hydrant system were discovered. During my conversation with Stuart, he proposed that they do some trenching on the property to pull as much product as possible out and into the sump area where it can be recovered. This seems acceptable to me, but they will be required to install monitoring wells to be able to show that they are indeed containing the contamination and that it isn't traveling off-site.

I also completed the Underground Storage Tank Unauthorized Release Report for this site since that hadn't been done. I've enclosed a copy for your files.

If you have any questions or need additional information, feel free to call me at 271-4320.

Sincerely,

*Cynthia Chapman*

Cynthia Chapman  
Hazardous Materials Specialist

01

17 1989

2F

12/13

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

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM. <i>Cynthia Chapman</i> 12/13/90
REPORT DATE 1 M 2 M 1 D 3 D 9 Y 0 Y	CASE #	SIGNATURE <i>Cynthia Chapman</i>

REPORTED BY Cynthia Chapman	PHONE (415) 271-4320	SIGNATURE <i>Cynthia Chapman</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 Alameda County Hazardous Materials Div.	
ADDRESS 80 Swan Way Rm W60 STREET Oakland DA STATE 94621 ZIP		

RESPONSIBLE PARTY NAME Di Salvo Trucking <input type="checkbox"/> UNKNOWN	CONTACT PERSON John Younger	PHONE (415) 861-1029
ADDRESS 660 Mariposa Street San Francisco CA 94107		

SITE LOCATION FACILITY NAME (IF APPLICABLE) Di Salvo Trucking	OPERATOR	PHONE ( )
ADDRESS 4919 Tidewater Avenue Oakland CA 94612		
CROSS STREET High Street		

IMPLEMENING AGENCIES LOCAL AGENCY Alameda County Hazardous Mat.	AGENCY NAME	CONTACT PERSON Cynthia Chapman	PHONE (415) 271-4320
REGIONAL BOARD San Francisco Bay RWQCB		Lester Feldman	PHONE (415) 464-1255

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

DISCOVERY/ABATEMENT DATE DISCOVERED 0 M 3 M 1 D 6 D 8 Y 9 Y	HOW DISCOVERED <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL	<input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS
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 checked="" type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING	
HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 0 M 3 M 1 D 6 D 8 Y 9 Y	<input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE	
	<input type="checkbox"/> REPLACE TANK <input type="checkbox"/> OTHER	

SOURCE/CAUSE <input checked="" 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 checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER
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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 checked="" type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> REMEDIATION PLAN	<input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input checked="" type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY)	<input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> CLEANUP UNDERWAY
---	--	--

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

COMMENTS  
4 tanks were removed: 1 -10K, 1-5k, 1-500gal, and a 280 gal tank. Larger tanks were connected to a hydrant system. During removal, water with floating petroleum product was flowing into the pit from a corner of the excavation. Site assessment performed in May 89 showed floating product in nine boreholes and soil samples ranged from 260 to 46,000 ppm. A recovery sump was placed in the ~~exp~~ pit, and 2,400 gallons of product was removed from during MAY/June 1989

No wells have been installed, and no further action has been reported to our office.

## 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 checked="" type="checkbox"/> NO	FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM. <i>Cynthia Chapman</i> 12/13/90 SIGNATURE DATE
REPORT DATE 1 <input type="checkbox"/> M 2 <input type="checkbox"/> M 1 <input type="checkbox"/> D 3 <input type="checkbox"/> D 9 <input type="checkbox"/> Y 0 <input type="checkbox"/> Y	CASE #	

REPORTED BY	NAME OF INDIVIDUAL FILING REPORT <i>Cynthia Chapman</i>	PHONE (415) 271-4320	SIGNATURE <i>Cynthia Chapman</i>	
	REPRESENTING <input type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input checked="" type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER	COMPANY OR AGENCY NAME Alameda County Hazardous Materials Div		
	ADDRESS 80 Swan Way Rm 200 STREET Oakland CITY Ca STATE 94621 ZIP			

RESPONSIBLE PARTY	NAME <i>Di Salvo Trucking</i> <input type="checkbox"/> UNKNOWN	CONTACT PERSON John Tounger	PHONE (415) 861-1029
	ADDRESS 660 Mariposa Street STREET San Francisco CITY CA 94107 STATE ZIP		

FACILITY NAME (IF APPLICABLE) <i>Di Salvo Trucking</i>	OPERATOR	PHONE ( )
ADDRESS <i>Tidewater Avenue</i> STREET Oakland CITY Ca STATE 94612 ZIP		
CROSS STREET High Street		

IMPLEMENTING AGENCIES	LOCAL AGENCY AGENCY NAME Alameda County Hazardous Mat.	CONTACT PERSON Cynthia Chapman	PHONE (415) 271-4320
	REGIONAL BOARD San Francisco Bay RWQCB	Lester Feldman	PHONE (415) 464-1255

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

DISCOVERY/ABATEMENT	DATE DISCOVERED 0 <input type="checkbox"/> M 3 <input type="checkbox"/> M 1 <input type="checkbox"/> D 6 <input type="checkbox"/> D 8 <input type="checkbox"/> Y 9 <input type="checkbox"/> Y	HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input checked="" 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 checked="" type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> OTHER		
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 0 <input type="checkbox"/> M 3 <input type="checkbox"/> M 1 <input type="checkbox"/> D 6 <input type="checkbox"/> D 8 <input type="checkbox"/> Y 9 <input type="checkbox"/> Y			

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

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### 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.

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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.

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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 checked="" type="checkbox"/> NO		FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM. Signed: <u>Cynthia Chapman</u> Date: <u>12/13/90</u>	
REPORT DATE 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input type="checkbox"/>		CASE #			
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT <u>Cynthia Chapman</u>		PHONE <u>(415) 271-4320</u>		SIGNATURE <u>Cynthia Chapman</u>
	REPRESENTING <input type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> <input checked="" type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME <u>Alameda County Hazardous Materials Div.</u>		
	ADDRESS <u>80 Swan Way Rm 200</u> <u>Oakland</u> <u>Ca</u> <u>94621</u>				
RESPONSIBLE PARTY	NAME <u>Di Salvo Trucking</u> <input type="checkbox"/> UNKNOWN		CONTACT PERSON <u>John Tounger</u>		PHONE <u>(415) 861-1029</u>
	ADDRESS <u>660 Mariposa Street</u> <u>San Francisco</u> <u>CA</u> <u>94107</u>				
SITE LOCATION	FACILITY NAME (IF APPLICABLE) <u>Di Salvo Trucking</u>		OPERATOR ( )		PHONE ( )
	ADDRESS <u>4919 Tidewater Avenue</u> <u>Oakland</u> <u>CA</u> <u>94612</u>				
	CROSS STREET <u>High Street</u>				
IMPLEMENTING AGENCIES	LOCAL AGENCY AGENCY NAME <u>Alameda County Hazardous Mat.</u>		CONTACT PERSON <u>Cynthia Chapman</u>		PHONE <u>(415) 271-4320</u>
	REGIONAL BOARD <u>San Francisco Bay RWQCB</u>		CONTACT PERSON <u>Lester Feldman</u>		PHONE <u>(415) 464-1255</u>
SUBSTANCES INVOLVED	(1) NAME <u>Diesel</u>		QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN		
	(2)		<input type="checkbox"/> UNKNOWN		
DISCOVERY/ABATEMENT	DATE DISCOVERED <u>0</u> <u>3</u> <u>1</u> <u>6</u> <u>8</u> <u>9</u>		HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER		
	DATE DISCHARGE BEGAN <input checked="" type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> OTHER		
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE <u>0</u> <u>3</u> <u>1</u> <u>6</u> <u>8</u> <u>9</u>				
SOURCE/ CAUSE	SOURCE OF DISCHARGE <input checked="" 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 checked="" 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 checked="" 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 checked="" 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 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	4 tanks were removed: 1 -10K, 1-5k, 1-500gal, and a 280 gal tank. Larger tanks were connected to a hydrant system. During removal, water with floating petroleum product was flowing into the pit from a corner of the excavation. Site assessment performed in May 89 showed floating product in nine boreholes and soil samples ranged from 260 to 46,000 ppm. A recovery sump was placed in the pit, and 2,400 gallons of product was removed during MAY, June, 1989				
	HSC 05 (8/89)				

No wells have been installed, and no further action has been reported to our office.

# Di Salvo

DI SALVO TRUCKING CO. — P.O. BOX 3765 — SAN FRANCISCO, CALIFORNIA 94119-3765  
(415) 864-1400

August 15, 1989

CERTIFIED MAIL #P177423017  
RETURN RECEIPT REQUESTED

Mr. Rafat Shahid, Chief  
Hazardous Materials Program  
Department of Environmental Health  
80 Swan Way, Room 200  
Oakland, California 94621

RE: DI SALVO TRUCKING CO.  
4919 Tidewater Avenue  
Oakland, California 94621

Dear Mr. Shahid:

We are enclosing a preliminary investigation for our 4919 Tidewater Avenue location, prepared by GEO-Environmental Technology.

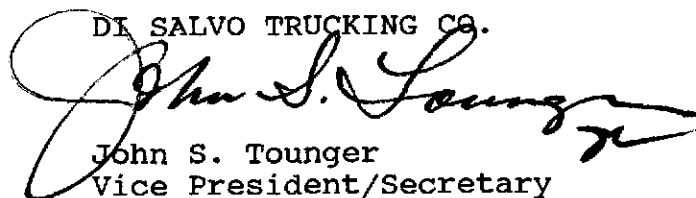
Due to the site history and extent of the contamination, we are requesting an additional thirty (30) day extension, within which to respond to your letter of July 19, 1989, in order that our contractor may work up a remediation plan which will satisfy your requirements.

Our contractor is currently working on this plan and will submit same to me upon my return from vacation in two (2) weeks.

We thank you for your consideration in allowing us this extension.

Very truly yours,

DI SALVO TRUCKING CO.



John S. Tounger  
Vice President/Secretary

JST: jc  
encls.

SO. SAN FRANCISCO • LOS ANGELES • FRESNO • OAKLAND • SACRAMENTO • BENICIA • SAN DIEGO  
MILPITAS • ROHNERT PARK • SALINAS • LATHROP • TULARE • SAN BERNARDINO • EUREKA

ALAMEDA COUNTY  
DEPT. OF ENVIRONMENTAL HEALTH  
HAZARDOUS MATERIALS



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



ALAMEDA COUNTY REGIONAL WATER

JUL 24 1989

STH

QUALITY CONTROL BOARD

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

Certified Mail #P833 981 488

el

July 19, 1989

Mr. John Tounger  
Disalvo Trucking  
660 Mariposa Street  
San Francisco, CA 94107

Subject: Unauthorized Release  
Removal of Underground Fuel and Waste Oil Tanks  
DiSalvo Trucking  
4919-4909 Tidewater Ave.  
Oakland, CA 94612

Dear Mr. Tounger:

Thank you for submitting the results for analysis of subsurface soil and ground water samples taken in response to the underground tank removals from the above shown facility. Because of the degree of contamination found, this facility is considered to have experienced a confirmed release of petroleum hydrocarbons that has impacted subsurface soil and ground water. The extent of this contamination must be assessed and remediated.

Our office will be the lead agency overseeing both the soil and groundwater remediation of this site. The Regional Water Quality Control Board (RWQCB) is currently unable to oversee the large number of contamination cases within Alameda County and has delegated the handling of this case to our Division. We will be in contact with the RWQCB in order to provide you with guidance concerning the RWQCB's remediation requirements. However, please be aware that you are responsible for diligent actions to protect waters of the State.

To complete contaminant assessment and begin remediation, we require that you submit a work plan which, at a minimum, addresses the items listed below and presents a timetable for their completion. Please submit this workplan within 30 days of the date of this letter.

I. Introduction

- A. Statement of scope of work
- B. Site map showing location of existing and past underground storage tanks and lifts
- C. Site History
  - provide historical site use and ownership information. Include a description of types and locations of hazardous materials used on site.

II. Site Description

- A. Vicinity description including hydrogeologic setting
- B. Initial soil contamination and excavation results
  - provide sampling procedures used
  - indicate depth to ground water
  - describe soil strata encountered
  - provide soil sampling results, chain of custody forms, identity of sampler
  - describe methods for storing and disposal of all soils

III. Plan for determining extent of soil contamination on site

- A. Describe approach to determine extent of lateral and vertical contamination
  - identify subcontractors, if any
  - identify methods or techniques used for analysis
  - provide sampling map showing all lines of excavation and sampling points
  - if a step out procedure is used, define action level for determination of "clean" isopleth
  - provide chain of custody forms, lab analysis results, all receipts and manifests, & identity of sampler
- B. Describe method and criteria for screening clean versus contaminated soil. If onsite soil aeration/bioremediation is to be utilized, then provide a complete description of method that includes:
  - volume and rate of aeration/turning
  - method of containment and cover
  - wet weather contingency plans
  - permits obtained
- C. Describe security measures

IV. Plan for determining ground water contamination

- Construction and placement of wells should adhere to the requirements of the "Regional Board Staff Recommendations for Initial Evaluation and Investigation of Underground Tanks". Provide a description of placement and rationale for the location of monitoring wells including a map to scale.
- The placement and number of wells must be able to determine the extent and magnitude of the free product and dissolved product plumes.

A. Drilling method for construction of monitoring wells

- expected depth and diameter of monitoring wells
- date of expected drilling
- casing type, diameter, screen interval, and pack and slot sizing techniques
- depth and type of seal
- development method and criteria for adequacy of development
- plans for cuttings and development water

B. Ground water sampling plan

- method for free product measurement, observation of sheen
- well purging procedures
- sample collection procedures
- chain of custody procedures
- procedures for determining ground water gradient

D. Sampling schedule

- measure free product weekly for first month following well installation
- measure free product and dissolved constituents monthly for first three months.
- after first three months monitor quarterly.
- monitoring must occur a minimum of one year.

V. Provide a site safety plan

## VI Development of a remediation Plan.

- A. The remediation plan is to include a time schedule for remediation, and, at minimum, must address the following issues:
- removal of all free product. Manual bailing is not acceptable as a recovery system. Actual amount of free product removed must be monitored and tabulated.
  - remediation of contaminated soils and dissolved constituents must follow RWQCB's resolution No. 68-16.
  - soils containing 1,000+ ppm of hydrocarbons must be remediated. Soils containing between 100 and 1,000 ppm must be remediated unless sufficient evidence is provided which indicates no adverse effects on groundwater will occur. Clean up of soils to 100 ppm is strongly recommended.
  - design of remedial action system should be based on a review of hydrogeologic and water quality data and on an evaluation of mitigation alternatives. The determination of probable capture zone(s) of extraction system(s) should be based on aquifer characteristics as determined by aquifer test data

## VII Reporting

- A. Technical reports should be submitted with a cover letter from DiSalvo Trucking. The letter must be signed by a principal executive officer or by an authorized representative of that person.
- B. Monthly reports must be submitted for the next three months with the first report due 90 days from the above letter date.
- C. Quarterly reports must be submitted with the first report due 90 days after the final monthly report. These reports should describe the status of the investigation and cleanup.
- D. All reports and proposals must be signed by a California-Certified Engineering Geologist, California Registered Geologist or a California-Registered Civil Engineer (see page 2, 2 June 1988 RWQCB document). A statement of qualifications should be included in

Disalvo Trucking  
July 19, 1989  
Page 5

all reports. Initial tank removal and soil sampling does not require such expertise; however, borehole and monitoring well installation and logging, and impact assessments do require such a professional.

All proposals, reports and analytical results pertaining to this investigation and remediation must be sent to our office and RWQCB. You should be aware that this Division is working in conjunction with the RWQCB and that this is a formal request for technical reports pursuant to California Water Code Section 13267 (b). Failure to respond or a late response may result in referral of this case to the RWQCB for enforcement and may subject Disalvo Trucking to civil liabilities imposed by the RWQCB to a maximum amount of \$1,000 per day. Any extensions of agreed upon time deadlines must be confirmed in writing by either this Division or the RWQCB.

Should you have any questions concerning the contents of this letter or the status of this case please contact Ariu Levi, Hazardous Materials Specialist, at 415-271-4320.

Sincerely,

*R/C A Sh*  
Rafat Shahid, Chief  
Hazardous Materials Program

cc: Gil Jensen, Alameda County District Attorney, Consumer &  
Environmental Protection  
~~Scott Hugenburger~~, RWQCB  
Howard Hatayama, DOHS  
Inspector Hallert, OFD  
Stuart Solomon, Geo-Environmental Tech  
Files

FUEL LEAK CASE FORM

Enter Date \_\_\_\_\_  
Review Date 6/16/89  
Date of Last Corr. 5/10/89  
Report Date 5/10/89

Review Status C  
Evaluator MLC

Sitename D.I. <sup>one word</sup> SALVO Trucking  
Street Number ~~4919~~  
Street WADSWORTH ST TIDEWATER  
City OR OAKLAND  
Zip \_\_\_\_\_  
County OR 01

Primary Substance 12034  
Secondary Substance 12035

Max. Soil Conc. (ppm) 240  
Max G.W. Impact (ppb) 9999999

Case Type S  G  D  U  
Groundwater Depth \_\_\_\_\_  
Permeability 1 2 3

Priority A3  
Rank \_\_\_\_\_  
Status 0

Date 3 \_\_\_\_\_  
Date 5C \_\_\_\_\_  
Date 5R \_\_\_\_\_  
Date 7 \_\_\_\_\_  
Date 8 \_\_\_\_\_  
Date 9 \_\_\_\_\_

Interim Y  N  
Interim Date \_\_\_\_\_  
Abate Method FP

Lead Agency L R  II  
Division LPC

Funds S F  
Enforce Type 0 1 2  
Pilot Program Y N  
RP Search  S I R N

Comment (80 Characters)



14 July, 1989

Alameda County Dept. of Environmental Health  
80 Swan Way - Room 200  
Oakland, CA. 94621

Attn: Ariu Levi

Re: Declassification of contaminated soil located at Di Salvo  
Trucking Company, 4919 Tidewater, Oakland, CA.

Dear Mr. Levi,

Enclosed please find the documentation in support for  
declassification of the contaminated soil that is currently  
stockpiled at the above mentioned site. This report identifies  
that the soil is non-hazardous in accordance with title 22 CCR  
66305.

SOIL TREATMENT PLAN OUTLINE

In reviewing this plan, please refer to the site preliminary  
investigation prepared by Geo-Environmental on June 15th, 1989.

Our client is requesting that the soil be treated on site using  
bioremediation techniques. We propose to commence this treatment  
within ten days of this letter assuming that you have no  
objection to the method of treatment outlined here.

1. Prepare the treatment site by installing a surrounding berm  
(either compacted soil or other suitable material) and  
cover with plastic sheeting.
2. Spread the soil approximately 18 inches in depth within the  
berm.
3. Treat the soil as needed with an appropriate landscaping  
fertilizer. Rotate and aerate the soil by turning and  
tilling twice weekly. This process to be continued until  
desired reduction levels are obtained.
4. Provide periodic laboratory testing of the soil to confirm  
reduction of hydrocarbon levels.
5. Treatment will continue until the levels of contaminants  
(diesel hydrocarbons) reach less than 100 PPM. The  
decontaminated soil will then be moved to the adjoining  
property (4933 Tidewater) and stored in a suitable manner.

to extend the four foot high loading dock out from the existing building.

6. Once compacted, the soil will be encapsulated in concrete (as part of the loading dock).
7. Prepare and a final report for submittal to each of the governing agencies.

**Additional Safety Provisions:**

GET will provide additional plastic sheeting and sand bags in an amount adequate to cover the entire treatment area. These materials will be kept in the service area directly next to the site. In the event of rain, these materials will be employed to cover and protect the soil.

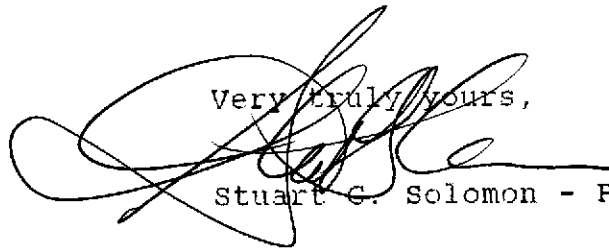
GET will provide the Client with emergency response by means of a radio pager linked to at least one GET employee 24 hours per day during the treatment period.

All facets of the treatment will comply with guidelines and regulations set by each of the governing authorities involved.

We respectfully request that the above outlined plan be accepted and permitted. Please contact Stuart G. Solomon of G.E.T. at (408) 559-1220 for further specifications or information regarding this treatment plan. Our client has requested that we begin treatment by July 28th, 1989. Unless we hear differently from you, we will begin preparation of the site by this date and start the process of decontamination.

Thank you for you consideration in this matter. We await your reply.

Very truly yours,



Stuart G. Solomon - Principal

cc: Ms. Vicky Dvorak  
Bay Area Air Quality Management Dist

Mr. Tom Callahan or Peter Johnson  
Bay Area Regional Water Quality Control Board



5/1/89  
1.5.

ACCEPTED  
DEPARTMENT OF ENVIRONMENTAL HEALTH  
470 - 23th Street, 1st Floor  
Oakland, CA 94612  
Telephone: (415) 374-2317

ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH  
HAZARDOUS MATERIALS DIVISION  
80 SWAN WAY, ROOM 200  
OAKLAND, CA 94621 430-4530

PHONE NO. ~~415/874-7237~~  
271-432

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 are tracked by this Department and to assure compliance with State and local laws, the proper preparedness is not required for issuance of any required permits for construction.

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

Any change or alterations of these plans and specifications must be submitted to the Department and to the Fire and Building Inspection Department to determine if such changes meet the requirements of State and local laws. Notify the Department at least 48 hours prior to the following required inspections:

Removal of Tank and Piping  
Sampling  
Final Inspection  
The presence of a permit to operate is dependent upon compliance with applicable laws and regulations.  
THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

- Business Name Di Salvo Trucking  
Business Owner DiSalvo Trucking
- Site Address 4909 Tidewater Ave.  
City Oakland Zip 94621 Phone 415-861-1029  
*244 1400*
- Mailing Address Di Salvo Trucking, 660 Mariposa Street  
City San Francisco Zip 94107 Phone 415-861-1029
- Land Owner DiSalvo Trucking  
Address a/a City, State \_\_\_\_\_ Zip \_\_\_\_\_
- EPA I.D. No. CAD 981670516
- Contractor Environmental Technology  
Address 260 Cristich Lane  
City Campbell, CA Phone 408-559-1220  
License Type C-61/D-40 ID# 522207
- Other (Specify) NA  
Address \_\_\_\_\_  
City \_\_\_\_\_ Phone \_\_\_\_\_

U528888  
663.00  
3.24.89

8. Contact Person for Investigation

Name Stuart Solomon Title Principal  
Phone 408-559-1220

9. Total No. of Tanks at facility 3

10. Have permit applications for all tanks been submitted to this office? Yes [ X ] No [ ]

11. State Registered Hazardous Waste Transporters/Facilities

a) Product/Waste Tranporter

Name H and H Ship Service EPA I.D. No. CAD 004771168  
Address 220 China Basin  
City San Francisco State CA Zip 94107

b) Rinsate Transporter

Name H & H Ship Service EPA I.D. No. CAD 004771168  
Address 220 China Basin  
City San Francisco State CA Zip 94107

c) Tank Transporter

Name H and H Ship Service EPA I.D. No. CAD 004771168  
Address 220 China Basin Rd.,  
City San Francisco State CA Zip 94107

d) Contaminated Soil Transporter

Name Bauerle Trucking EPA I.D. No. CAD980585780  
Address 1467 Oak Canyon Place  
City San Jose State CA Zip 95120

12. Sample Collector

Name Mark Youngkin State-certified Engineering Geologist #1380  
Company Environmental Technology  
Address 260 Cristich Lane  
City Campbell State CA Zip 95008 Phone 408-559-1220

13. Sampling Information for each tank or area

Tank or Area		Material sampled	Location & Depth
Capacity	Historic Contents (past 5 years)		
5000	Gasoline	Soil-2	Each end at interface
10000	Diesel	Soil-3	Both ends and middle at soil-backfill interface
550	Waste Oil	Soil-1 <i>and ground water if present</i>	<del>middle</del> of tank at interface <i>Soil end</i> All samples at two feet below tank minimum

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

If yes, describe. unknown history-

15. NFPA methods used for rendering tank inert? Yes [X] No [ ]

If yes, describe. Dry ice sufficient to render tank below LEL of 10 %. Gastechtor hydrocarbon surveyor used to monitor LEL %.

Less than 1" residual liquid in tank. Openings sealed for transport.

16. Laboratories

Name Trace Analysis Laboratory

Address 3423 Investment Blvd.

City Hayward

State CA

Zip 94545

State Certification No. DOHS 122

17. Chemical Methods to be used for Analyzing Samples

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Number
Diesel fuel	EPA Mod. 3550 or LUFT	Total petroleum hydrocarbons as diesel with BTEX, LUFT
Waste Oil	EPA Mod. 3550 or LUFT	Total petroleum hydrocarbons as high boiling point, LUFT
	EPA 3550 or LUFT	Oil and grease, hydrocarbons SM503E
	EPA 5030	Volatile organic compounds EPA method 8240
Gasoline	EPA MOD. 3550 or LUFT	Total petroleum hydrocarbons as gasoline with BTEX

18. Site Safety Plan submitted? Yes  No

19. Workman's Compensation: Yes  No

Copy of Certificate enclosed? Yes  No

Name of Insurer Farmers Insurance Group

20. Plot Plan submitted? Yes  No

21. Deposit enclosed? Yes  No

22. Please forward to this office the following information within 60 days after receipt of sample results:

- a) Chain of Custody Sheets
- b) Original Signed Laboratory Reports
- c) TSD to Generator copies of wastes shipped and received
- d) Attachment A summarizing laboratory results

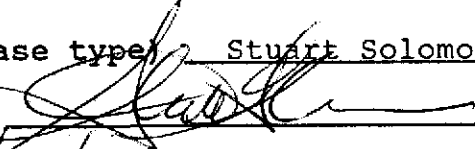
I declare that to the best of my knowledge and belief the statements and information provided above are correct and true. I understand that information in addition to that provided above may be needed in order to obtain an approval from the Department of Environmental Health and that no work is to begin 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 will notify the Department of Environmental Health at least two (2) working days (48 hours) in advance to schedule any required inspections. 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.

Signature of Contractor

Name (please type) Stuart Solomon

Signature 

Date 3/29/89

Signature of Site Owner or Operator

Name (please type) \_\_\_\_\_

Signature \_\_\_\_\_

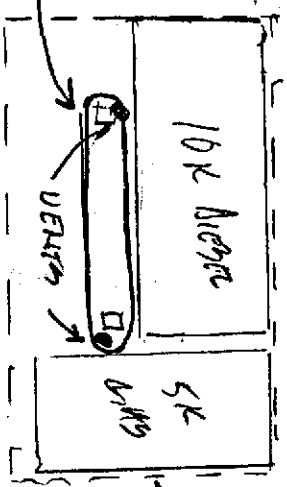
Date \_\_\_\_\_

NOTES:

1. Any changes in this document must be approved by this Department.
2. Any leaks discovered must be submitted to this office on an underground storage tank unauthorized leak/contamination site report form within 5 days of its discovery.
3. Three (3) copies of this plan must be submitted to this Department. One copy must be at the construction site at all times.
4. A copy of your approved plan must be sent to the landowner.

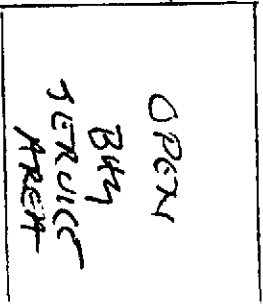


Puma Island



C. Krapp

176' APPROX



LOSTING DOCKS

BREN LOT

TANK LINE



ENTRANCE



Site Sketch for  
Di Salvo Trucking

4909 Tidewater Ave.  
Oakland, CA 94612

This form is issued by:

TRUCK INSURANCE EXCHANGE

MID-CENTURY INSURANCE COMPANY

### CERTIFICATE OF WORKERS COMPENSATION INSURANCE

Employer Address: STUART SOLOMON & DAVID WHITMAN  
DBA: ENVIROMENTAL TECHNOLOGY  
260 CRISTICH LANE  
CAMPBELL CA 95008

Agent  
96 62 380

Policy Number of the Company X'd above: N05-08 36 44  
Policy Year: 88

Certificate Effective: From 2-9-89 to 9-10-89

#### DESCRIPTION OF OPERATIONS AND LOCATIONS COVERED

ALL OPERATIONS COVERED

ALL LOCATIONS COVERED

When countersigned by our authorized representative, this certificate supersedes any previously issued certificates. It certifies that the above described policy of Workers Compensation insurance has been issued to the above employer. This certificate or verification of insurance is not an insurance policy and does not amend, extend or alter the coverage afforded by the policy listed, nor shall the above described policy be amended, extended or altered by any requirement, term or condition of any other contract or document with respect to which this certificate or verification of insurance may be issued or may pertain.

It is agreed that upon cancellation or termination of the described policy for any cause, we will give you TEN days notice in writing.



56-5112 7-87 1151 W/125 C/1000 \* 32-S PRINTED IN U.S.A.

INSURED'S COPY

Dated 2-15-89

Countersigned D. [Signature]

Authorized Representative

ALAMEDA COUNTY  
SAFETY PLAN

The following Safety Plan should be completed by the Project Manager and must be approved by the Health Safety Officer and Field Safety Officer prior to the performance of all work related to the handling, transport or disposal of hazardous materials.

Project Manager to fill in the following:

Job No: \_\_\_\_\_ Project Name: Di Salvo Trucking

Project Manager: Gary Della Vecchia

Project Personnel: Jim Bello, Todd Murray, Kevin Ogle, Mark Youngkin

Others: \_\_\_\_\_

SITE LOCATION: 4919 Tidewater Ave., Oakland, CA 94612

WORK DESCRIPTION:

Objectives: Remove and dispose of one 10,000 gal. and one 5,000 gal. underground fuel storage tanks including related accessible lines. Remove and dispose of one 550 gal. underground waste oil tank.

Methods: Removal (pumping out) of contents found in the tanks; exposing of the tanks for excavation; excavation of the tanks; collection of soils samples; provide for the proper disposal of the tanks; removing soils materials that appear to be contaminated; backfill excavation.

ANTICIPATED CHEMICAL CONTAMINANTS:

<u>Chemical</u>	<u>Max. Concentrations (ppm/ppb)</u>
<u>Diesel fuel</u>	<u>virgin product</u>
<u>waste oil</u>	_____
<u>Gasoline fuel</u>	<u>virgin product</u>
_____	_____
_____	_____
_____	_____



PROTECTIVE EQUIPMENT NEEDED:

<input checked="" type="checkbox"/> hard hats	<input checked="" type="checkbox"/> safety goggles	<input type="checkbox"/> dredger tubes
<input checked="" type="checkbox"/> gloves	<input type="checkbox"/> boots	<input type="checkbox"/> radiation meter
<input type="checkbox"/> coveralls (disposable)	<input checked="" type="checkbox"/> respiration	<input type="checkbox"/> others (specify): _____
<input type="checkbox"/> OVA	<input checked="" type="checkbox"/> explosimeter	_____

DISPOSAL OF CONTAMIANATED MATERIAL:

	Type of Contamination	Method of Disposal
<input type="checkbox"/> protective clothing	_____	_____
<input checked="" type="checkbox"/> ground water and soils	_____	<u>Class 1 Landfill</u>
<input checked="" type="checkbox"/> equipment	_____	<u>Steam or TSP</u>
<input checked="" type="checkbox"/> rinse water	_____	<u>Solidified- Class 1 Landfill</u>
<input type="checkbox"/> other: _____	_____	_____

METHODS OF DISPOSAL:

1. Put into waste drums
2. Rinse thoroughly and re-use
3. Not applicable

Field safety officer is responsible for determining proper disposal methods.

EMERGENCY EQUIPMENT:

<input checked="" type="checkbox"/> first aid kit (mandatory)	<input type="checkbox"/> welding equipment
<input type="checkbox"/> others (specify) _____	<input checked="" type="checkbox"/> spill containment kit
_____	<input type="checkbox"/> repair kits (specify) _____
_____	_____

POSSIBLE EMERGENCIES:

<input checked="" type="checkbox"/> fire	<input checked="" type="checkbox"/> contamination
<input checked="" type="checkbox"/> spills	<input checked="" type="checkbox"/> ruptured lines

MATERIAL SAFETY DATA SHEETS (MSDS);

Available (please attach) .  Not Available

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HAZARD ASSESSMENT:

<u>Chemical</u>	<u>TWA</u>	<u>STEL</u>
<u>Diesel fuel</u>	NR	
<u>Waste oil</u>	NR	

Notes: TWA: 8 hour time-weighted average.  
 STEL: Short-term exposure limit (usually 15 minutes) as established by American Conference of Governmental Industrial Hygenists (ACGIH).  
 NR: Denoted not regulated.

SERVICE LINES AND PIPES (include location as necessary): Briefly describe any piping in the work area, including a description of markings on the pipes. Attach diagrams of immediate work area. All product and fill piping to be removed and disposed of with tanks. Vent piping for waste oil tank to be removed. Approximately 100 feet of vent piping for diesel tanks to be capped and left in place.

BE SURE TO INDICATE ON A SITE MAP !!

EXXON GASOLINE

**EXXON COMPANY, U.S.A.**  
A DIVISION OF EXXON CORPORATION

DATE ISSUED 7/1/85

**MATERIAL SAFETY DATA SHEET**

EXXON COMPANY, U.S.A. P.O. BOX 2180 HOUSTON, TX 77252-2180

**A. IDENTIFICATION AND EMERGENCY INFORMATION**

**PRODUCT NAME**  
EXXON GASOLINE

**PRODUCT CODE**  
030000 - 00380

**CHEMICAL NAME**  
Motor Gasoline

**CAS NUMBER**  
Complex Mixture  
CAS Number not applicable

**PRODUCT APPEARANCE AND ODOR**  
Clear colored liquid (typically orange)  
Gasoline hydrocarbon odor

**EMERGENCY TELEPHONE NUMBER**  
(713) 656-3424

**B. COMPONENTS AND HAZARD INFORMATION****COMPONENTS**

**CAS NO. OF COMPONENTS**      **APPROXIMATE CONCENTRATION**

Product is a variable complex mixture of components, principally hydrocarbons, blended to performance, rather than chemical, specifications.

See Section E for Health and Hazard Information.

**EXPOSURE LIMIT FOR TOTAL PRODUCT**  
100 ppm (300 mg/m<sup>3</sup>) for an  
8-hour workday

**BASIS**  
Recommended by Exxon. The American Conference of Governmental Industrial Hygienists (ACGIH) lists Threshold Limit Value (TLV) of 300 ppm (900 mg/m<sup>3</sup>) for an 8-hour workday.

**C. EMERGENCY AND FIRST AID PROCEDURES****EYE CONTACT**

If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call a physician.

**SKIN CONTACT**

In case of skin contact, remove any contaminated clothing and wash skin thoroughly with soap and water.

**INHALATION**

If overcome by vapor, remove from exposure and call a physician immediately. If breathing is irregular or has stopped, start resuscitation, administer oxygen, if available.

## EXXON GASOLINE

**INGESTION**

If ingested, DO NOT induce vomiting; call a physician immediately.

**D. FIRE AND EXPLOSION HAZARD INFORMATION****UNUSUAL FIRE AND EXPLOSION HAZARD**

**EXTREMELY FLAMMABLE      VAPORS CAN EXPLODE**

**FLASH POINT (MINIMUM)**

Approximately -38°C (-36°F)

**AUTOIGNITION TEMPERATURE**

Approximately 456°C (853°F)

National Fire Protection Association's  
Guide on Hazardous Materials

**FLAMMABLE OR EXPLOSIVE LIMITS (APPROXIMATE PERCENT BY VOLUME IN AIR)**

Estimated values: Lower Flammable Limit 1.4%      Upper Flammable Limit 7.6%

**EXTINGUISHING MEDIA AND FIRE FIGHTING PROCEDURES**

Foam, water spray (fog), dry chemical, carbon dioxide and vaporizing liquid type extinguishing agents may all be suitable for extinguishing fires involving this type of product, depending on size or potential size of fire and circumstances related to the situation. Plan fire protection and response strategy through consultation with local fire protection authorities or appropriate specialists.

The following procedures for this type of product are based on the recommendations in the National Fire Protection Association's "Fire Protection Guide on Hazardous Materials", Eighth Edition (1984):

Use dry chemical, foam or carbon dioxide. Water may be ineffective, but water should be used to keep fire-exposed containers cool. If a leak or spill has ignited, use water spray to disperse the vapors and to protect men attempting to stop a leak. Water spray may be used to flush spills away from exposures. Minimize breathing gases, vapor, fumes or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

**NOTE:** The inclusion of the phrase "water may be ineffective" is to indicate that although water can be used to cool and protect exposed material, water may not extinguish the fire unless used under favorable conditions by experienced fire fighters trained in fighting all types of flammable liquid fires.

**DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS**

Fumes, smoke, carbon monoxide, aldehydes and other decomposition products, in the case of incomplete combustion.

**"EMPTY" CONTAINER WARNING**

"Empty" containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to clean since residue is difficult to remove. "Empty" drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations. For work on tanks refer to Occupational Safety and Health Administration regulations, ANSI Z49.1, and other governmental and industrial references pertaining to cleaning, repairing, welding, or other contemplated operations.

**E. HEALTH AND HAZARD INFORMATION****VARIABILITY AMONG INDIVIDUALS**

Health studies have shown that many petroleum hydrocarbons and synthetic lubricants pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.

## EXXON GASOLINE

**EFFECTS OF OVEREXPOSURE (Signs and symptoms of exposure)**

High vapor concentrations (greater than approximately 1000 ppm) are irritating to the eyes and the respiratory tract, may cause headaches and dizziness, are anesthetic, may cause unconsciousness, and may have other central nervous system effects.

Prolonged or repeated liquid contact with the skin will dry and defat the skin, leading to possible irritation and dermatitis.

**TOXICITY INFORMATION**

This product may contain up to a maximum of 4.9 weight percent benzene, CAS No. 71-43-2, as a natural constituent of various gasoline blend components. Benzene can cause anemia and other blood diseases, including leukemia (cancer of the blood-forming system), after repeated or prolonged exposures at high concentrations (e.g., 50-500 ppm). It has also caused fetal defects in tests on laboratory animals. Exxon's recommended OEL for benzene is 5 ppm for an 8-hour period, or 250 ppm-minutes over a 5- to 30-minute period.

Contains light hydrocarbon components. Lifetime studies by the American Petroleum Institute have shown that kidney damage and kidney cancer can occur in male rats after prolonged inhalation exposures at elevated concentrations of total gasoline. Kidneys of mice and female rats were unaffected. The implication of these data for humans has not been determined, particularly since most human exposures are to light components, not to total gasoline. Certain components, such as normal hexane, may also affect the nervous system at high concentrations (1000 to 1500 ppm). Typically, n-hexane represents 1 to 3% of gasoline. May contain a combined concentration of toluene, CAS No. 108-88-3, and xylene, CAS No. 1330-20-7, ranging from approximately 5 to 50%.

Contains organic lead alkyl additives up to a max. of 4.2 gm lead/gallon.

Product has a low order of acute oral toxicity, but minute amounts aspirated into the lungs during ingestion may cause severe pulmonary injury or death.

**F. PHYSICAL DATA**

The following data are approximate or typical values and should not be used for precise design purposes.

**BOILING RANGE**

Approximately 21°C (70°F) IBP  
to 227°C (440°F) FBP

**VAPOR PRESSURE**

Varies seasonally from approximately  
5 to 15 psi Reid Vapor Pressure

**SPECIFIC GRAVITY (15.6 C/15.6 C)**

Approximately 0.74

**VAPOR DENSITY (AIR = 1)**

Approximately 5

**MOLECULAR WEIGHT**

Complex mixture, components vary  
from approximately 45 to 185

**PERCENT VOLATILE BY VOLUME**

100

**pH**

Essentially neutral

**EVAPORATION RATE @ 1 ATM. AND 25 C (77 F)**

(n-BUTYL ACETATE = 1)

Approximately 10-11

**POUR, CONGEALING OR MELTING POINT**

Less than -38°C (-36°F)  
Pour Point by ASTM D 97

**SOLUBILITY IN WATER @ 1 ATM. AND 25 C (77 F)**

Negligible; less than 0.1%

**VISCOSITY**

Approximately 0.5 cSt @ 25°C

**G. REACTIVITY**

This product is stable and will not react violently with water. Hazardous polymerization will not occur. Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.

EXXON GASOLINE

## H. SPILL OR LEAK PROCEDURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Shut off and eliminate all ignition sources. Keep people away. Recover free product. Add sand, earth or other suitable absorbent to spill area. Minimize breathing vapors. Minimize skin contact. Ventilate confined spaces. Open all windows and doors. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses, or extensive land areas. Assure conformity with applicable governmental regulations. Continue to observe precautions for volatile, flammable vapors from absorbed material.

## I. PROTECTION AND PRECAUTIONS

### VENTILATION

Provide greater than 60 feet per minute hood face velocity. Use only with ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in air. Use explosion-proof equipment. No smoking or open lights.

### RESPIRATORY PROTECTION

Use supplied-air respiratory protection in confined or enclosed spaces, if needed.

### PROTECTIVE GLOVES

Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact.

### EYE PROTECTION

Use splash goggles or face shield when eye contact may occur.

### OTHER PROTECTIVE EQUIPMENT

Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing which could result in prolonged or repeated skin contact.

### WORK PRACTICES / ENGINEERING CONTROLS

Keep containers closed when not in use. Do not handle or store near heat, sparks, flame, or strong oxidants. Adequate ventilation required sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in air. Tanks that have been in leaded gasoline service may have lead-containing residue. Special precautions needed in cleaning. See American Petroleum Institute publications 2013, 2015 and 2015A. Use explosion-proof equipment. No smoking or open lights.

To minimize fire or explosion risk from static charge accumulation and discharge, effectively ground product transfer system in accordance with the National Fire Protection Association standard for petroleum products.

For use as a motor fuel only. Do not use as a cleaning solvent, or thinner, or for other non-motor fuel uses. Do not siphon by mouth. Minute amounts of liquid gasoline aspirated into the lungs may cause potentially fatal chemical pneumonitis.

### PERSONAL HYGIENE

Minimize breathing vapor or mist. Avoid prolonged or repeated contact with skin. Remove contaminated clothing; launder or dry-clean before reuse. Remove contaminated shoes and thoroughly clean and dry before reuse. Cleanse skin thoroughly after contact, before breaks and meals, and at end of work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.

## J. TRANSPORTATION INFORMATION

### TRANSPORTATION INCIDENT INFORMATION

For further information relative to spills resulting from transportation incidents, refer to latest Department of Transportation Emergency Response Guidebook for Hazardous Materials Incidents, DOT P 5800.3.

Dear Customer: This Bulletin contains important environmental, health and toxicology information for your employees who recently ordered this product. Please make sure this information is given to them. If you resell this product, this Bulletin should be given to the Buyer. This Form may be reproduced without permission.

Chevron U.S.A. Inc.

# Material Safety Data Sheet

Prepared According to the OSHA Hazard Communication Standard (29 CFR 1910.1200).  
(Formerly Called MATERIAL INFORMATION BULLETIN)

CHEVRON Diesel Fuel No. 2

**DANGER!** HARMFUL OR FATAL IF SWALLOWED  
PROLONGED OR REPEATED CONTACT WITH SKIN MAY BE HARMFUL  
MAY CAUSE SKIN IRRITATION  
COMBUSTIBLE  
KEEP OUT OF REACH OF CHILDREN

## TYPICAL COMPOSITION

Petroleum mid-distillate (CAS 68476-34-6) 100%

## EXPOSURE STANDARD

No Federal OSHA exposure standard or ACGIH TLV has been established for this material.

## PHYSIOLOGICAL & HEALTH EFFECTS

Expected to cause no more than minor eye irritation.

May cause skin irritation. Application of a similar material onto the skin of rabbits produced moderate to severe skin irritation. Prolonged or repeated skin contact may be harmful. See Additional Health Data.

Prolonged breathing of high vapor concentrations can cause central nervous system effects. See Additional Health Data.

Not expected to have acute systemic toxicity by ingestion. Note to Physician: Ingestion of this product or subsequent vomiting can result in aspiration of light hydrocarbon liquid which can cause pneumonitis.

## EMERGENCY & FIRST AID PROCEDURES

### Eyes

Flush eyes immediately with fresh water for at least 15 minutes while holding the eyelids open. If irritation persists, see a doctor.

### Skin

Remove contaminated clothing. Wash skin thoroughly with soap and water. See a doctor if irritation occurs. Launder contaminated clothing.

### Inhalation

If there are signs or symptoms due to breathing this material as described in this MSDS, move the person to fresh air. If any of these effects continue, see a doctor.

### Ingestion

If swallowed, give water or milk to drink and telephone for medical advice. DO NOT make person vomit unless directed to do so by medical personnel. If medical advice cannot be obtained, then take the person and product container to the nearest medical emergency treatment center or hospital.

## ADDITIONAL HEALTH DATA

See Page 3.

## SPECIAL PROTECTIVE INFORMATION

**Eye Protection:** Do not get in eyes. Eye contact can be avoided by wearing chemical safety goggles.

**Skin Protection:** Avoid contact with skin or clothing. Skin contact can be minimized by wearing impervious protective clothing including gloves.

**Respiratory Protection:** This material may be an inhalation hazard, and unless ventilation is adequate, the use of an approved respirator is recommended.

**Ventilation:** Use this material only in well ventilated areas.

## FIRE PROTECTION

Liquid evaporates and forms vapor (fumes) which can catch fire and burn with explosive violence. Invisible vapor spreads easily and can be set on fire by many sources such as pilot lights, welding equipment, and electrical motors and switches. Fire hazard is greater as liquid temperature rises above 85°F.

**Flash Point:** (P-M)125°F(52°C)

**Autoignition Temp.:** NDA

**Flammability Limits:** n/a

**Extinguishing Media:** CO<sub>2</sub>, Dry Chemical, Foam, Water Fog.

**Special Fire Fighting Procedures:** For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment. This may include self-contained breathing apparatus to protect against the hazardous effects of normal products of combustion or oxygen deficiency. Read the entire MSDS.

## SPECIAL PRECAUTIONS

See Page 3.

## ENVIRONMENTAL PROTECTION

7-19C05-104-85

**Environmental Impact:** This material is not expected to present any environmental problems other than those associated with oil spills.

**Precautions if Material is Released or Spilled:** Eliminate all open flame in vicinity of spill or released vapor. Stop the source of the leak or release. Clean up releases as soon as possible, observing precautions in Special Protective Information. Contain liquid to prevent further contamination of soil, surface water or groundwater. Clean up small spills using appropriate techniques such as sorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Follow prescribed procedures for reporting and responding to larger releases.

**Waste Disposal Methods:** Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations. Contact local environmental or health authorities for approved disposal of this material.

## REACTIVITY DATA

**Stability (Thermal, Light, etc.):** Stable.

**Incompatibility (Materials to Avoid):** May react with strong oxidizing materials.

**Hazardous Decomposition Products:** Normal combustion forms carbon dioxide and water vapor; incomplete combustion can produce carbon monoxide.

## PHYSICAL PROPERTIES

**Solubility:** Miscible with hydrocarbons; insoluble in water.

**Appearance (Color, Odor, etc.):** Pale yellow liquid

**Boiling Point:** 157-371°C (315-700°F)

**Melting Point:** n/a

**Specific Gravity:** 0.82 @ 15.6/15.6°C (Typical)

**Vapor Pressure:** 0.04 psia @ 40°C.

**Vapor Density (Air=1):** NDA

**Percent Volatile (Volume %):** NDA

**Evaporation:** NDA

**Viscosity:** 1.9 @ 40°C (Min.)

n/a = Not Applicable

NDA = No Data Available

The above information is based on data of which we are aware and is believed to be correct as of the date hereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.



# Material Safety Data Sheet

CHEVRON Diesel Fuel No. 2

CPS 272102

## ADDITIONAL HEALTH DATA

Signs and symptoms of central nervous system effects may include one or more of the following: headache, dizziness, loss of appetite, weakness and loss of coordination. Affected persons usually experience complete recovery when removed from the exposure area.

This product contains a petroleum mid-distillate. Toxicology data from studies on similar hydrocarbon mid-distillates indicate that lifetime application to the skin of mice resulted in a low-level skin carcinogenicity response characterized by low tumor incidence and long latency. Other similar materials caused gene mutations in the Mouse Lymphoma Assay and in the Rat Bone Marrow Assay.

## SPECIAL PRECAUTIONS

READ AND OBSERVE ALL PRECAUTIONS ON PRODUCT LABEL.

Contains Petroleum Distillate.

DO NOT USE OR STORE near flame, sparks or hot surfaces. USE ONLY IN WELL VENTILATED AREA. Keep container closed.

DO NOT weld, heat or drill container. Replace cap or bung. Emptied container still contains hazardous or explosive vapor or liquid.

CAUTION! Do not use pressure to empty drum or explosion may result.

WARNING! Not for use as portable heater or appliance fuel. Toxic fumes may accumulate and cause death.

## ENVIRONMENTAL TECHNOLOGY

### SITE SAFETY PLAN FOR UNDERGROUND TANK REMOVAL

**LOCATION:** DiSalvo Trucking, 4909 Tidewater Avenue, Oakland, CA

**ACCESS:** The site is located approximately one half mile west of High Street on Tidewater Avenue in Oakland, CA. The tanks are situated approximately 400 feet south of Tidewater Avenue.

**WORK SITE:** General use of surrounding area is industrial. There are no hospitals, schools, or convalescence facilities in the immediate area. The water of San Francisco Bay is located adjacent to the property where the tanks are located. No public utilities are known to exist within the tank excavation.

**CONTACT PERSON:** Mr. John Tounger; phone number: 415-864-1400

**JOB OBJECTIVES:** To remove the following tanks; one 10,000 gallon underground diesel fuel storage tank and related piping; one 5000 gallon underground gasoline fuel storage tank and related piping; and one 550 gallon waste oil storage tank.

**HAZARDOUS MATERIALS:** The following contaminants and/or hazardous materials are expected to be encountered at the job site: diesel fuel oil, gasoline fuel, and waste automotive oil. The likely route of exposure to this material is through skin contact and air/vapor inhalation. The overall hazard is considered low.

**INSTRUMENTATION:** The following instrumentation will be at the site to monitor the air/vapor hazard exposure: a Gastector Hydrocarbon Surveyor; hand air pump with Drager tubes (benzene, toluene, and xylenes). The instrumentation is certified "intrinsically safe" by the manufacturers against the initiation of explosion. The components to be monitored are: hydrocarbon vapors, LEL%, oxygen, benzene, toluene, and xylenes.

**MONITORING PROCEDURES:** Air in and around the work site will be surveyed using the Gastector and SKC/Drager Tubes. Initial surveying of the air will commence prior to the removal of the surface materials to monitor for hydrocarbon vapors, using the Gastector. Additionally, the air is to be monitored upon the excavation of the surface materials, during the excavation of the tank, upon evidence of soil contamination (via visual observations or by instrumentation readings) in the excavation, and when an increase in hydrocarbons odors in the work area is noticed, during any phase of the job. The air is to be additionally monitored for benzene if ambient air hydrocarbon vapors exceed 50 ppm. Toluene and xylenes may also need to be

Job Name: DISALVO TRUCKING

March 19, 1989

monitored. In addition to the monitoring of the ambient air, specific areas are to also be monitored: the bottom of the excavation or any other "low lying" areas where hydrocarbon vapors can accumulate.

ACTION LEVELS:	gasoline	> 300 ppm	PEL
	LEL	> 10 %	
	oxygen	< 19.5%	
	benzene	> 1 ppm	PEL
	toluene	> 100 ppm	PEL
	xylenes	> 100 ppm	PEL

**ACTION PROCEDURES:** The following procedures are to be taken when PEL's are approached or exceeded: All personnel in the "work area" must wear a half-face respirator. Additionally, if Benzene levels exceed 10 ppm, a full-face respirator must be worn in place of the half-face respirator. Additionally, if Benzene levels exceed 10 ppm, a full-face respirator must be worn in place of the half-face respirator. All respirators must be NIOSH approved, canister-equipped for all organic vapors up to 1000 ppm. The area is to be continuously monitored while wearing the respirators. If 1000 ppm levels are exceeded, work must stop and not commence until determined safe.

Chemical-resistant clothing (coveralls and gloves) must also be worn if skin contact of these materials during the job is prevalent. Workers in the immediate work area must at all times wear safety glasses or goggles, cotton coveralls, work gloves and boots, and hard hats. If LEL% is greater than 10 in or around the tank, work must not commence until determined safe and/or LEL% is less than 10. If oxygen levels in the immediate work area are less than 19.5%, work must stop and not commence until determined safe and/or levels are greater than 19.5%.

**SYMPTOMS OF ACUTE OVEREXPOSURE:** Gasoline and diesel fuel, waste automotive oil, and associated vapors may be irritating to the skin, eyes, and respiratory tract. Fuel vapors may effect the central nervous system and may cause headaches and dizziness. Oxygen deficiency may cause dizziness.

**FIRST AID PROCEDURES:**

Eye contact: Flush eye with clear water for 15 minutes or until irritation subsides. See a physician

Skin contact: Wash thoroughly with soap and clean water.

Inhalation: Remove from area away from vapor/exposure. Call physician and start resuscitation immediately if breathing has stopped.

Ingestion: Do not induce vomiting, call physician immediately.

Oxygen deficiency: Move out of oxygen deficient area into fresh air. Call physician and resuscitate immediately if breathing has

stopped.

**ADDITIONAL SITE HAZARDS:**

- \* Explosive vapors can accumulate in isolated areas of the site and within the tank and excavation. Avoid striking the tank or piping at all times.
- \* Tank tops and plastic sheeting can be slippery; take care when working on top of the tank or visqueen.
- \* Use the proper tools and use tools properly.
- \* Take care in working in and around the tank excavation; beware of tripping hazards.
- \* Always look for unknown underground utilities during tank excavation.
- \* Keep a safe distance from heavy equipment/objects during the excavation activities.
- \* Be sure that you are in sight of equipment operators while working around heavy equipment.
- \* Limit exposure time to noisy equipment; such as backhoe, pavement breaker, compressor, etc.
- \* Inspect soil stability hazards of the tank excavation. If soil stability appears unstable or if personnel must enter an excavation greater than five feet deep, stabilize the excavation by sloping the edge of the excavation, shoring, or other equivalent methods.

**ADDITIONAL SAFETY PRECAUTIONS AND PROCEDURES:**

- \* The work area is to be barricaded and posted with "caution" and "no smoking" signs. E.T. project manager is to police area to exclude unauthorized personnel from work area and to control traffic. Support personnel are to stay out of immediate work area and up wind of work area, and, if required, help to police the area for traffic and public control.
- \* Tank contents are to be pumped out with less than one inch of residual liquid remaining in the tank. The tank will be purged with sufficient dry ice to inert the tank to less than 10% LEL. Fire extinguisher (20 BC rating) and first aid kits must be on site to clean up or contain spills of hazardous materials. In the event of a chemical release, all work must stop until the spill is under control, cleaned up, and/or determined safe to commence work.
- \* Keep product/contaminated materials from entering into sewer or waterways by constructing dikes. In the event of severe weather conditions (strong winds or rain) stop work and cover exposed excavation and soil with plastic tarp. On hot days, or while wearing chemical resistant clothing, beware of heat stress and drink plenty of liquids. Do not eat or smoke without thoroughly washing hands and face. Upon completion of work, thoroughly wash all exposed skin with soap and water and remove contaminated clothing. No smoking or eating in work area. At all times, try to stay up wind of excavation area and tank.

Job Name: DISALVO TRUCKING

March 19, 1989

\* If tank excavation is left open, barricade or steel plate the excavation.

**SAFETY/EMERGENCY EQUIPMENT LIST:**

Fire extinguisher(s), check if charged  
Respirators, check fit  
Respirator canisters and spare canisters  
Safety glasses/goggles  
Chemical-resistant coveralls  
Chemical-resistant rubber boots  
Chemical-resistant rubber gloves  
Hard hat  
Gastechor Hydrocarbon Surveyor  
First Aid Kit  
Bush broom  
Shovel  
3 bags of absorbent  
1 55-gallon drum with ring-lock lid  
Plastic sheeting  
Water hose  
5-gallon bucket

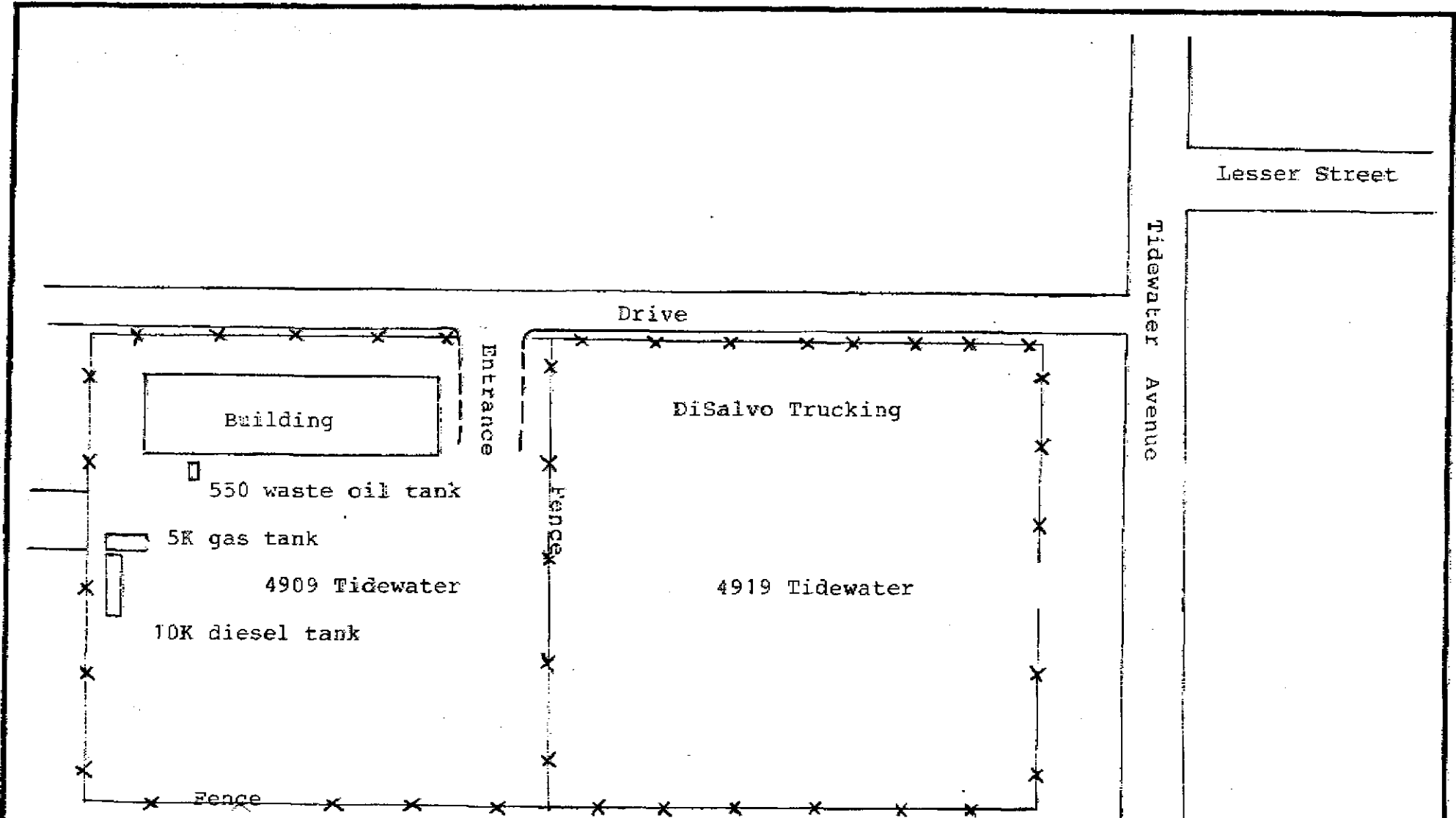
**SITE RESOURCES:** Available at the site is electrical power, water, and telephone.

**EMERGENCY PHONE NUMBERS:**

Fire Dept	911
Ambulance	911
Police	911
Hospital (Merrit Hospital)	415-655-4000
Site phone	415-861-1029
Poison control center	415-428-3248
Chem Trec	800-424-9300
EPA emergency response	415-974-7511
Alameda County Health Dept.	415-271-4320
Office of Emergency Services	800-852-7550
Emergency Response (Erickson)	415-235-1393
Clean-up (H&H Ship Service)	415-543-4835

**EMERGENCY CONTACTS:**

Environmental Technology	408-559-1220
Stuart Solomon	408-723-3833
John Tounger	415-864-1400
Gary Della Vecchia	on site
Mark Youngkin	on site



# Environmental Technology

SCALE: None	SITE MAP	DRAWN BY
DATE: 5-1-89		REVISED
DISALVO TRUCKING 4909 Tidewater Avenue		
260 Cristich Lane Campbell, CA 95008 (408) 559-1220		

ALAMEDA COUNTY DEPARTMENT OF  
 ENVIRONMENTAL HEALTH  
 HAZARDOUS MATERIALS DIVISION  
 80 SWAN WAY, ROOM 200  
 OAKLAND, CA 94621 ~~430-4530~~

3/89

PHONE NO. ~~415/874-7257~~  
 871-432

ACCEPTED  
 DEPARTMENT OF ENVIRONMENTAL HEALTH  
 415-271-2000 FAX 415-271-2000  
 OAKLAND, CA 94612  
 Telephone (415) 271-2000

These plans have been reviewed and found to be acceptable and essentially meet the requirements of state and local health laws. Changes to the plans as indicated by this Department are to assure compliance with state and local laws. The permit proposed herein is now released for consideration of any and all funding requests for construction. One copy of these accepted plans must be on file in the permit file to all contractors and documents involved in the removal.

Any change or alterations of these plans and specifications must be approved by the Department prior to the final permit application. The Department is authorized to determine if the proposed work complies with local laws. Any Department action that has been taken following review may be subject to appeal.

Removal of Tank and Plots  
 Sampling  
 Installation

Because of a permit to remove a dependent of a permit with accepted plans and all applicable regulations.

DEPARTMENT OF ENVIRONMENTAL HEALTH  
 OAKLAND, CALIFORNIA 94612

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

1. Business Name Di Salvo Trucking  
 Business Owner DiSalvo Trucking
2. Site Address 4919 Tidewater Ave.,  
 City Oakland Zip 94612 Phone 415-861-1029
3. Mailing Address Di Salvo Trucking, 660 Mariposa Street  
 City San Francisco Zip 94107 Phone 415-861-1029
4. Land Owner DiSalvo Trucking  
 Address a/a City, State \_\_\_\_\_ Zip \_\_\_\_\_
5. EPA I.D. No. CAD 981670516
6. Contractor Environmental Technology  
 Address 260 Cristich Lane  
 City Campbell, CA Phone 408-559-1220  
 License Type C-61/D-40 ID# 522207
7. Other (Specify) NA  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ Phone \_\_\_\_\_

8. Contact Person for Investigation

Name Stuart Solomon Title Principal  
Phone 408-559-1220

9. Total No. of Tanks at facility 3

10. Have permit applications for all tanks been submitted to this office? Yes [ X ] No [ ]

11. State Registered Hazardous Waste Transporters/Facilities

a) Product/Waste Tranporter

Name H and H Ship Service EPA I.D. No. CAD 004771168  
Address 220 China Basin  
City San Francisco State CA Zip 94107

b) Rinsate Transporter

Name H & H Ship Service EPA I.D. No. CAD 004771168  
Address 220 China Basin  
City San Francisco State CA Zip 94107

c) Tank Transporter

Name H and H Ship Service EPA I.D. No. CAD 004771168  
Address 220 China Basin Rd.,  
City San Francisco State CA Zip 94107

d) Contaminated Soil Transporter

Name Bauerle Trucking EPA I.D. No. CAD980585780  
Address 1467 Oak Canyon Place  
City San Jose State CA Zip 95120

12. Sample Collector

Name Mark Youngkin State-certified Engineering Geologist #1380  
Company Environmental Technology  
Address 260 Cristich Lane  
City Campbell State CA Zip 95008 Phone 408-559-1220



13. Sampling Information for each tank or area

Tank or Area		Material sampled	Location & Depth
Capacity	Historic Contents (past 5 years)		
5000	Diesel	Soil-2	Each end at interface
10000	Diesel	Soil-3	Both ends and middle at soil-backfill interface
550	Waste Oil	Soil-1	middle of tank at interface
			All samples at two feet below tank minimum

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

If yes, describe. unknown history- diesel product in backfill

15. NFPA methods used for rendering tank inert? Yes [X] No [ ]

If yes, describe. Dry ice sufficient to render tank below LEL of 10 %. Gastechtor hydrocarbon surveyor used to monitor LEL %.

Less than 1" residual liquid in tank. Openings sealed for transport.

16. Laboratories

Name Trace Analysis Laboratory

Address 3423 Investment Blvd.

City Hayward State CA Zip 94545

State Certification No. DOHS 122

17. Chemical Methods to be used for Analyzing Samples

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Number
Diesel fuel	EPA Mod. 3550 or LUFT	Total petroleum hydrocarbons as diesel with BTEX, LUFT
Waste Oil	EPA Mod. 3550 or LUFT EPA 3550 or LUFT EPA 5030	Total petroleum hydrocarbons as high boiling point, LUFT Oil and grease, hydrocarbons SM503E Volatile organic compounds EPA method 8240

18. Site Safety Plan submitted?      Yes [X]      No [ ]

19. Workman's Compensation:      Yes [X]      No [ ]

    Copy of Certificate enclosed?      Yes [X]      No [ ]

    Name of Insurer Farmers Insurance Group

20. Plot Plan submitted?      Yes [X]      No [ ]

21. Deposit enclosed?      Yes [X]      No [ ]

22. Please forward to this office the following information within 60 days after receipt of sample results.

- a) Chain of Custody Sheets
- b) Original Signed Laboratory Reports
- c) TSD to Generator copies of wastes shipped and received
- d) Attachment A summarizing laboratory results

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 will notify the Department of Environmental Health at least two (2) working days (48 hours) in advance to schedule any required inspections. 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.

Signature of Contractor

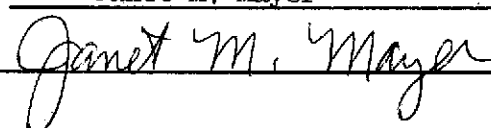
Name (please type) Stuart Solomon

Signature 

Date 3/9/89

Signature of Site Owner or Operator

Name (please type) Janet M. Mayer

Signature 

Date 3/13/89

NOTES:

1. Any changes in this document must be approved by this Department.
2. Any leaks discovered must be submitted to this office on an underground storage tank unauthorized leak/contamination site report form within 5 days of its discovery.
3. Three (3) copies of this plan must be submitted to this Department. One copy must be at the construction site at all times.
4. A copy of your approved plan must be sent to the landowner.

This form is issued by:

TRUCK INSURANCE EXCHANGE

MID-CENTURY INSURANCE COMPANY

# CERTIFICATE OF WORKERS COMPENSATION INSURANCE

Employer Address: STUART SOLOMON & DAVID WHITMAN  
DBA: ENVIROMENTAL TECHNOLOGY  
260 CRISTICH LANE  
CAMPBELL CA 95008

Agent  
96 62 380

Policy Number of the Company X'd above: N05-08 36 44  
Policy Year: 88

Certificate Effective: From 2-9-89 to 9-10-89

## DESCRIPTION OF OPERATIONS AND LOCATIONS COVERED

ALL OPERATIONS COVERED

ALL LOCATIONS COVERED

When countersigned by our authorized representative, this certificate supersedes any previously issued certificates. It certifies that the above described policy of Workers Compensation insurance has been issued to the above employer. This certificate or verification of insurance is not an insurance policy and does not amend, extend or alter the coverage afforded by the policy listed, nor shall the above described policy be amended, extended or altered by any requirement, term or condition of any other contract or document with respect to which this certificate or verification of insurance may be issued or may pertain.

It is agreed that upon cancellation or termination of the described policy for any cause, we will give you TEN days notice in writing.



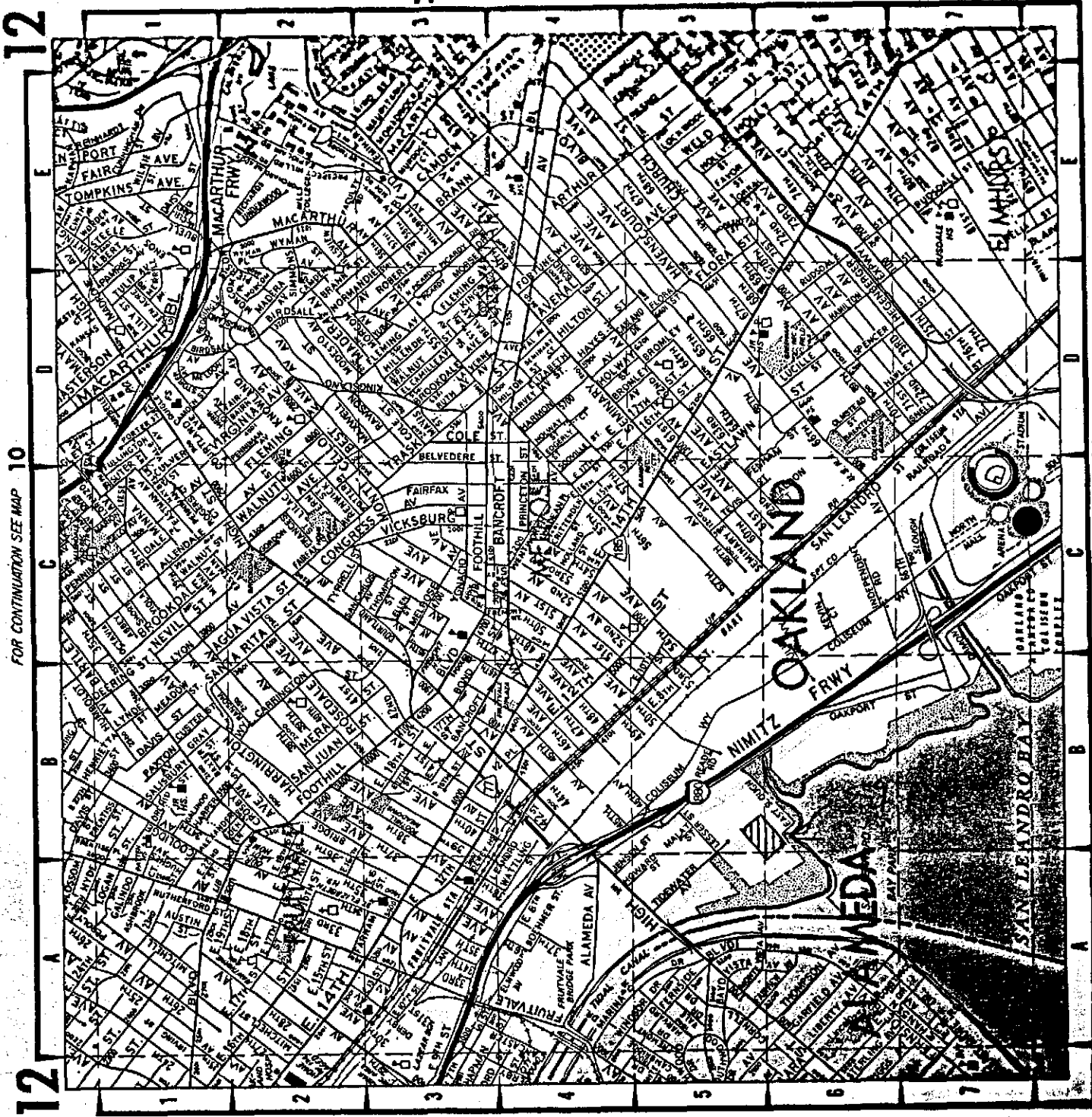
56-5112 7-87 1151 W/125 C/1000 - 32'S PRINTED IN U.S.A.

INSURED'S COPY

Dated 2-15-89

Countersigned D. [Signature]

Authorized Representative



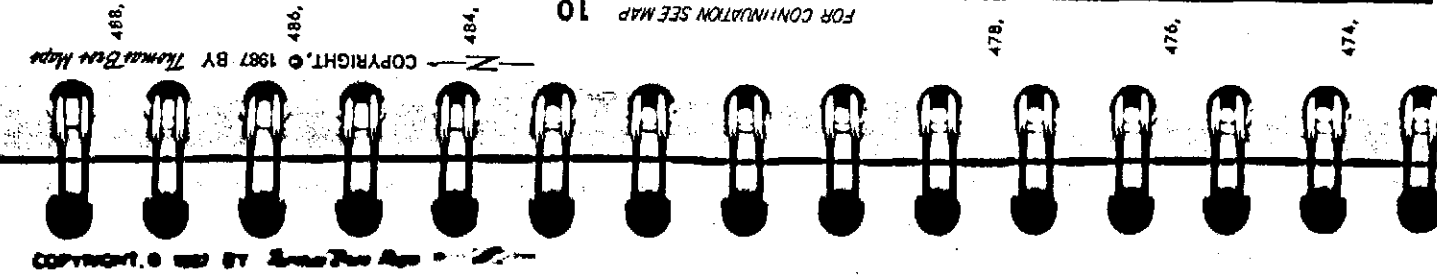
12

FOR CONTINUATION SEE MAP 10

A B C D E

FOR CONTINUATION SEE MAP 22

1,503, 1,512, 1,519



13

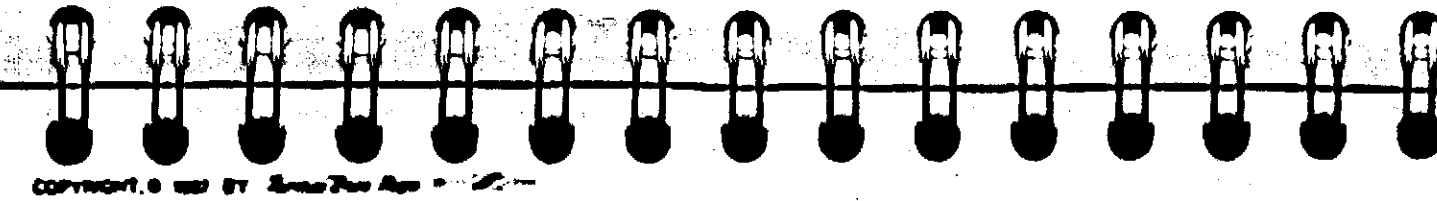
FOR CONTINUATION SEE MAP 10

486, 484, 476, 474

CONTRA ALAMEDA

FOR CONTINUATION SEE MAP 10

1 2 3 4 5 6 7



ALAMEDA CO.

DETAIL

FOR CONTINUATION SEE MAP 11

474, 470, 477



Corpro Companies, Inc.

CLIENT

DiSalvo Trucking 4919 Tidewater

SHEET NO.

1 OF 1

PROJECT

Corrosion Evaluation

DATE

2-24-89

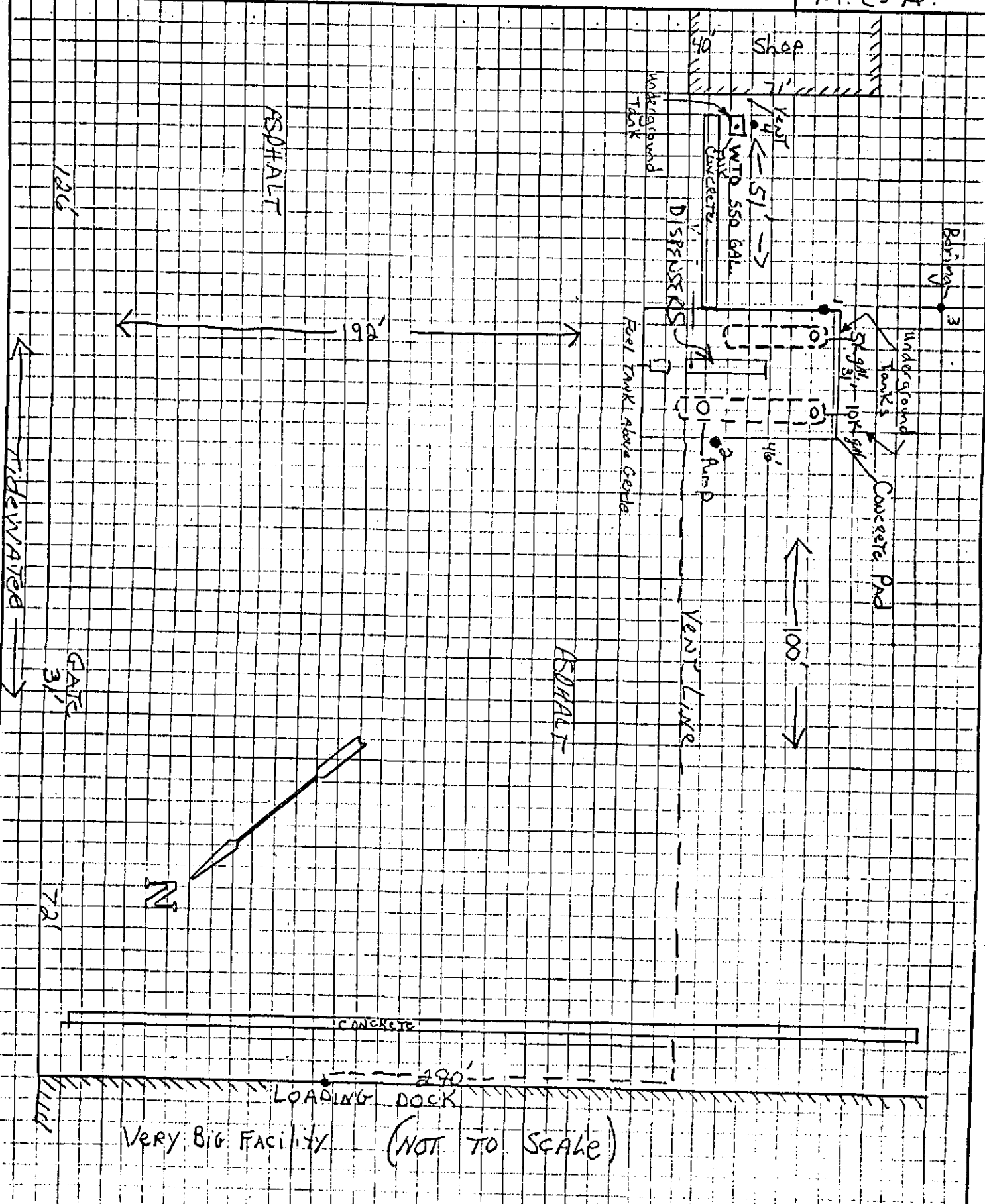
SUBJECT

Site Sketch ENT. Ruler 40 SCALE

BY

M.L.A.

199' Workshop



Very Big Facility (NOT TO SCALE)

ALAMEDA COUNTY  
SAFETY PLAN

The following Safety Plan should be completed by the Project Manager and must be approved by the Health Safety Officer and Field Safety Officer prior to the performance of all work related to the handling, transport or disposal of hazardous materials.

Project Manager to fill in the following:

Job No: \_\_\_\_\_ Project Name: Di Salvo Trucking  
Project Manager: Gary Della Vecchia  
Project Personnel: Jim Bello, Todd Murray, Kevin Ogle, Mark Youngkin

Others: \_\_\_\_\_  
\_\_\_\_\_

SITE LOCATION: 4919 Tidewater Ave., Oakland, CA 94612

WORK DESCRIPTION:

Objectives: Remove and dispose of one 10,000 gal. and one 5,000 gal. underground fuel storage tanks including related accessible lines. Remove and dispose of one 550 gal. underground waste oil tank.

Methods: Removal (pumping out) of contents found in the tanks; exposing of the tanks for excavation; excavation of the tanks; collection of soils samples; provide for the proper disposal of the tanks; removing soils materials that appear to be contaminated; backfill excavation.

ANTICIPATED CHEMICAL CONTAMINANTS:

<u>Chemical</u>	<u>Max. Concentrations (ppm/ppb)</u>
<u>Diesel fuel</u>	<u>virgin product</u>
<u>waste oil</u>	
_____	_____
_____	_____
_____	_____
_____	_____

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HAZARD ASSESSMENT:

<u>Chemical</u>	<u>TWA</u>	<u>STEL</u>
<u>Diesel fuel</u>	<u>NR</u>	<u></u>
<u>Waste oil</u>	<u>NR</u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Notes: TWA: 8 hour time-weighted average.

STEL: Short-term exposure limit (usually 15 minutes) as established by American Conference of Governmental Industrial Hygenists (ACGIH).

NR: Denoted not regulated.

SERVICE LINES AND PIPES (include location as necessary): Briefly describe any piping in the work area, including a description of markings on the pipes. Attach diagrams of immediate work area. All product and fill piping to be removed and disposed of with tanks. Vent piping for waste oil tank to be removed. Approximately 100 feet of vent piping for diesel tanks to be capped and left in place.

BE SURE TO INDICATE ON A SITE MAP !!



PROTECTIVE EQUIPMENT NEEDED:

<input checked="" type="checkbox"/> hard hats	<input checked="" type="checkbox"/> safety goggles	<input type="checkbox"/> dredger tubes
<input checked="" type="checkbox"/> gloves	<input type="checkbox"/> boots	<input type="checkbox"/> radiation meter
<input type="checkbox"/> coveralls (disposable)	<input checked="" type="checkbox"/> respiration	<input type="checkbox"/> others (specify): _____
<input type="checkbox"/> OVA	<input checked="" type="checkbox"/> explosimeter	_____

DISPOSAL OF CONTAMIANATED MATERIAL:

	Type of Contamination	Method of Disposal
<input type="checkbox"/> protective clothing	_____	_____
<input checked="" type="checkbox"/> ground water and soils	_____	<u>Class 1 Landfill</u>
<input checked="" type="checkbox"/> equipment	_____	<u>Steam or TSP</u>
<input checked="" type="checkbox"/> rinse water	_____	<u>Solididfed- Class 1 Landfill</u>
<input type="checkbox"/> other: _____	_____	_____

METHODS OF DISPOSAL:

1. Put into waste drums
2. Rinse thoroughly and re-use
3. Not applicable

Field safety officer is responsible for determining proper disposal methods.

EMERGENCY EQUIPMENT:

<input checked="" type="checkbox"/> first aid kit (mandatory)	<input type="checkbox"/> welding equipment
<input type="checkbox"/> others (specify) _____	<input checked="" type="checkbox"/> spill containment kit
_____	<input type="checkbox"/> repair kits (specify) _____
_____	_____

POSSIBLE EMERGENCIES:

<input checked="" type="checkbox"/> fire	<input checked="" type="checkbox"/> contamination
<input checked="" type="checkbox"/> spills	<input checked="" type="checkbox"/> ruptured lines

MATERIAL SAFETY DATA SHEETS (MSDS);

Available (please attach)     Not Available

Dear Customer: This Bulletin contains important environmental, health and toxicology information for your employees who recently ordered this product. Please make sure this information is given to them. If you resell this product, this Bulletin should be given to the Buyer. This form may be reproduced without permission.

Chevron U.S.A. Inc.

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# Material Safety Data Sheet

Prepared According to the OSHA Hazard Communication Standard (29 CFR 1910.1200).  
(Formerly Called MATERIAL INFORMATION BULLETIN)

CHEVRON Diesel Fuel No. 2

## DANGER!

HARMFUL OR FATAL IF SWALLOWED  
PROLONGED OR REPEATED CONTACT WITH SKIN MAY BE HARMFUL  
MAY CAUSE SKIN IRRITATION  
COMBUSTIBLE  
KEEP OUT OF REACH OF CHILDREN

## TYPICAL COMPOSITION

Petroleum mid-distillate (CAS 68476-34-6)

100%

## EXPOSURE STANDARD

No Federal OSHA exposure standard or ACGIH TLV has been established for this material.

## PHYSIOLOGICAL & HEALTH EFFECTS

Expected to cause no more than minor eye irritation.

May cause skin irritation. Application of a similar material onto the skin of rabbits produced moderate to severe skin irritation. Prolonged or repeated skin contact may be harmful. See Additional Health Data.

Prolonged breathing of high vapor concentrations can cause central nervous system effects. See Additional Health Data.

Not expected to have acute systemic toxicity by ingestion. Note to Physician: Ingestion of this product or subsequent vomiting can result in aspiration of light hydrocarbon liquid which can cause pneumonitis.

## EMERGENCY & FIRST AID PROCEDURES

### Eyes

Flush eyes immediately with fresh water for at least 15 minutes while holding the eyelids open. If irritation persists, see a doctor.

### Skin

Remove contaminated clothing. Wash skin thoroughly with soap and water. See a doctor if irritation occurs. Launder contaminated clothing.

### Inhalation

If there are signs or symptoms due to breathing this material as described in this MSDS, move the person to fresh air. If any of these effects continue, see a doctor.

### Ingestion

If swallowed, give water or milk to drink and telephone for medical advice. DO NOT make person vomit unless directed to do so by medical personnel. If medical advice cannot be obtained, then take the person and product container to the nearest medical emergency treatment center or hospital.

## ADDITIONAL HEALTH DATA

See Page 3.

## SPECIAL PROTECTIVE INFORMATION

**Eye Protection:** Do not get in eyes. Eye contact can be avoided by wearing chemical safety goggles.

**Skin Protection:** Avoid contact with skin or clothing. Skin contact can be minimized by wearing impervious protective clothing including gloves.

**Respiratory Protection:** This material may be an inhalation hazard, and unless ventilation is adequate, the use of an approved respirator is recommended.

**Ventilation:** Use this material only in well ventilated areas.

## FIRE PROTECTION

Liquid evaporates and forms vapor (fumes) which can catch fire and burn with explosive violence. Invisible vapor spreads easily and can be set on fire by many sources such as pilot lights, welding equipment, and electrical motors and switches. Fire hazard is greater as liquid temperature rises above 85°F.

**Flash Point:** (P-M) 125°F (52°C)

**Autoignition Temp.:** NDA

**Flammability Limits:** n/a

**Extinguishing Media:** CO<sub>2</sub>, Dry Chemical, Foam, Water Fog.

**Special Fire Fighting Procedures:** For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment. This may include self-contained breathing apparatus to protect against the hazardous effects of normal products of combustion or oxygen deficiency. Read the entire MSDS.

## SPECIAL PRECAUTIONS

See Page 3.

## ENVIRONMENTAL PROTECTION

7-1400-1 104-85

**Environmental Impact:** This material is not expected to present any environmental problems other than those associated with oil spills.

**Precautions if Material is Released or Spilled:** Eliminate all open flame in vicinity of spill or released vapor. Stop the source of the leak or release. Clean up releases as soon as possible, observing precautions in Special Protective Information. Contain liquid to prevent further contamination of soil, surface water or groundwater. Clean up small spills using appropriate techniques such as sorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Follow prescribed procedures for reporting and responding to larger releases.

**Waste Disposal Methods:** Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations. Contact local environmental or health authorities for approved disposal of this material.

## REACTIVITY DATA

**Stability (Thermal, Light, etc.):** Stable.

**Incompatibility (Materials to Avoid):** May react with strong oxidizing materials.

**Hazardous Decomposition Products:** Normal combustion forms carbon dioxide and water vapor; incomplete combustion can produce carbon monoxide.

## PHYSICAL PROPERTIES

**Solubility:** Miscible with hydrocarbons; insoluble in water.

**Appearance (Color, Odor, etc.):** Pale yellow liquid

**Boiling Point:** 157-371°C (315-700°F)

**Melting Point:** n/a

**Specific Gravity:** 0.82 @ 15.6/15.6°C (Typical)

**Vapor Pressure:** 0.04 psia @ 40°C

**Vapor Density (Air=1):** NDA

**Percent Volatile (Volume %):** NDA

**Evaporation:** NDA

**Viscosity:** 1.9 @ 40°C (Min.)

n/a = Not Applicable

NDA = No Data Available

The above information is based on data of which we are aware and is believed to be correct as of the date hereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

# Material Safety Data Sheet

CHEVRON Diesel Fuel No. 2

CPS 272102

## ADDITIONAL HEALTH DATA

Signs and symptoms of central nervous system effects may include one or more of the following: headache, dizziness, loss of appetite, weakness and loss of coordination. Affected persons usually experience complete recovery when removed from the exposure area.

This product contains a petroleum mid-distillate. Toxicology data from studies on similar hydrocarbon mid-distillates indicate that lifetime application to the skin of mice resulted in a low-level skin carcinogenicity response characterized by low tumor incidence and long latency. Other similar materials caused gene mutations in the Mouse Lymphoma Assay and in the Rat Bone Marrow Assay.

## SPECIAL PRECAUTIONS

READ AND OBSERVE ALL PRECAUTIONS ON PRODUCT LABEL.

Contains Petroleum Distillate.

DO NOT USE OR STORE near flame, sparks or hot surfaces. USE ONLY IN WELL VENTILATED AREA. Keep container closed.

DO NOT weld, heat or drill container. Replace cap or bung. Emptied container still contains hazardous or explosive vapor or liquid.

CAUTION! Do not use pressure to empty drum or explosion may result.

WARNING! Not for use as portable heater or appliance fuel. Toxic fumes may accumulate and cause death.

Diesel Fuel 3

X-IRC041 107-851

No. 525

Rev. 6 01/16/86

## ENVIRONMENTAL TECHNOLOGY

### SITE SAFETY PLAN FOR UNDERGROUND TANK REMOVAL

**LOCATION:** DiSalvo Trucking, 4919 Tidewater Avenue, Oakland, CA

**ACCESS:** The site is located approximately one half mile west of High Street on Tidewater Avenue in Oakland, CA. The tanks are situated approximately 192 feet south of Tidewater Avenue.

**WORK SITE:** General use of surrounding area is industrial. There are no hospitals, schools, or convalescence facilities in the immediate area. The water of San Francisco Bay is located approximately 300 feet to the south of the location of the tanks. No public utilities are known to exist within the tank excavation.

**CONTACT PERSON:** Mr. John Tounger; phone number: 415-864-1400

**JOB OBJECTIVES:** To remove the following tanks; one 10,000 gallon underground diesel fuel storage tank and related piping; one 5000 gallon underground diesel fuel storage tank and related piping; and one 550 gallon waste oil storage tank. To remove diesel fuel contaminated backfill from the existing tank pit area. To remove waste oil contaminated soil from the area of the waste oil tank.

**HAZARDOUS MATERIALS:** The following contaminants and/or hazardous materials are expected to be encountered at the job site: diesel fuel oil, waste automotive oil, and diesel fuel contaminated soil. The likely route of exposure to this material is through skin contact and air/vapor inhalation. The overall hazard is considered low.

**INSTRUMENTATION:** The following instrumentation will be at the site to monitor the air/vapor hazard exposure: a Gastector Hydrocarbon Surveyor; hand air pump with Drager tubes (benzene, toluene, and xylenes). The instrumentation is certified "intrinsically safe" by the manufacturers against the initiation of explosion. The components to be monitored are: hydrocarbon vapors, LEL%, oxygen, benzene, toluene, and xylenes.

**MONITORING PROCEDURES:** Air in and around the work site will be surveyed using the Gastector and SKC/Drager Tubes. Initial surveying of the air will commence prior to the removal of the surface materials to monitor for hydrocarbon vapors, using the Gastector. Additionally, the air is to be monitored upon the excavation of the surface materials, during the excavation of the tank, upon evidence of soil contamination (via visual observations or by instrumentation readings) in the excavation, and when an increase in hydrocarbons odors in the work area is noticed, during any phase of the job. The air is to be additionally monitored for benzene if ambient air hydrocarbon

Job Name: DISALVO TRUCKING

March 9, 1989

vapors exceed 50 ppm. Toluene and xylenes may also need to be monitored. In addition to the monitoring of the ambient air, specific areas are to also be monitored: the bottom of the excavation or any other "low lying" areas where hydrocarbon vapors can accumulate.

ACTION LEVELS:	diesel fuel	> 300 ppm	PEL
	LEL	> 10 %	
	Oxygen	< 19.5%	
	benzene	> 1 ppm	PEL
	toluene	> 100 ppm	PEL
	xylenes	> 100 ppm	PEL

**ACTION PROCEDURES:** The following procedures are to be taken when PEL's are approached or exceeded: All personnel in the "work area" must wear a half-face respirator. Additionally, if Benzene levels exceed 10 ppm, a full-face respirator must be worn in place of the half-face respirator. Additionally, if Benzene levels exceed 10 ppm, a full-face respirator must be worn in place of the half-face respirator. All respirators must be NIOSH approved, canister-equipped for all organic vapors up to 1000 ppm. The area is to be continuously monitored while wearing the respirators. If 1000 ppm levels are exceeded, work must stop and not commence until determined safe.

Chemical-resistant clothing (coveralls and gloves) must also be worn if skin contact of these materials during the job is prevalent. Workers in the immediate work area must at all times wear safety glasses or goggles, cotton coveralls, work gloves and boots, and hard hats. If LEL% is greater than 10 in or around the tank, work must not commence until determined safe and/or LEL% is less than 10. If oxygen levels in the immediate work area are less than 19.5%, work must stop and not commence until determined safe and/or levels are greater than 19.5%.

**SYMPTOMS OF ACUTE OVEREXPOSURE:** Diesel fuel, waste automotive oil, and associated vapors may be irritating to the skin, eyes, and respiratory tract. Diesel fuel vapors may effect the central nervous system and may cause headaches and dizziness. Oxygen deficiency may cause dizziness.

**FIRST AID PROCEDURES:**

Eye contact: Flush eye with clear water for 15 minutes or until irritation subsides. See a physician

Skin contact: Wash thoroughly with soap and clean water.

Inhalation: Remove from area away from vapor/exposure. Call physician and start resuscitation immediately if breathing has stopped.

Ingestion: Do not induce vomiting, call physician immediately.

Oxygen deficiency: Move out of oxygen deficient area into fresh

Job Name: DISALVO TRUCKING

March 9, 1989

air. Call physician and resuscitate immediately if breathing has stopped.

**ADDITIONAL SITE HAZARDS:**

- \* Explosive vapors can accumulate in isolated areas of the site and within the tank and excavation. Avoid striking the tank or piping at all times.
- \* Tank tops and plastic sheeting can be slippery; take care when working on top of the tank or visqueen.
- \* Use the proper tools and use tools properly.
- \* Take care in working in and around the tank excavation; beware of tripping hazards.
- \* Always look for unknown underground utilities during tank excavation.
- \* Keep a safe distance from heavy equipment/objects during the excavation activities.
- \* Be sure that you are in sight of equipment operators while working around heavy equipment.
- \* Limit exposure time to noisy equipment; such as baswkhoe, pavement breaker, compressor, etc.
- \* Inspect soil stability hazards of the tank excavation. If soil stability appears unstable or if personnel must enter an excavation greater than five feet deep, stabilize the excavation by sloping the edge of the excavation, shoring, or other equivalent methods.

**ADDITIONAL SAFETY PRECAUTIONS AND PROCEDURES:**

- \* The work area is to be barricaded and posted with "caution" and "no smoking" signs. E.T. project manager is to police area to exclude unauthorized personnel from work area and to control traffic. Support personnel are to stay out of immediate work area and up wind of work area, and, if required, help to police the area for traffic and public control.
- \* Tank contents are to be pumped out with less than one inch of residual liquid remaining in the tank. The tank will be purged with sufficient dry ice to inert the tank to less than 10% LEL. Fire extinguisher (20 BC rating) and first aid kits must be on site to clean up or contain spills of hazardous materials. In the event of a chemical release, all work must stop until the spill is under control, cleaned up, and/or determined safe to commence work.
- \* Keep product/contaminated materials from entering into sewer or waterways by constructing dikes. In the event of severe weather conditions (strong winds or rain) stop work and cover exposed excavation and soil with plastic tarp. On hot days, or while wearing chemical resistant clothing, beware of heat stress and drink plenty of liquids. Do not eat or smoke without thoroughly washing hands and face. Upon completion of work, thoroughly wash all exposed skin with soap and water and remove contaminated clothing. No smoking or eating in work area. At

Job Name: DISALVO TRUCKING

March 9, 1989

all times, try to stay up wind of excavation area and tank.

\* If tank excavation is left open, barricade or steel plate the excavation.

**SAFETY/EMERGENCY EQUIPMENT LIST:**

Fire extinguisher(s), check if charged  
Respirators, check fit  
Respirator canisters and spare canisters  
Safety glasses/goggles  
Chemical-resistant coveralls  
Chemical-resistant rubber boots  
Chemical-resistant rubber gloves  
Hard hat  
Gastechor Hydrocarbon Surveyor  
First Aid Kit  
Bush broom  
Shovel  
3 bags of absorbent  
1 55-gallon drum with ring-lock lid  
Plastic sheeting  
Water hose  
5-gallon bucket

**SITE RESOURCES:** Available at the site is electrical power, water, and telephone.

**EMERGENCY PHONE NUMBERS:**

Fire Dept	911
Ambulance	911
Police	911
Hospital (Merrit Hospital)	415-655-4000
Site phone	415-861-1029
Poison control center	415-428-3248
Chem Trec	800-424-9300
EPA emergency response	415-974-7511
Alameda County Health Dept.	415-271-4320
Office of Emergency Services	800-852-7550
Emergency Response (Erickson)	415-235-1393
Clean-up (H&H Ship Service)	415-543-4835

**EMERGENCY CONTACTS:**

Environmental Technology	408-559-1220
Stuart Solomon	408-723-3833
John Tounger	415-864-1400
Gary Della Vecchia	on site
Mark Youngkin	on site



Property Owner: RWL Investments Inc.  
4909 = Charles Lawler  
660 Mariposa SPCA 94107  
4919 -> P.O. Box 3765 San Francisco  
CA 94120

DATE:

TO : Local Oversight Program R.P. contact person: Charles Lawler  
Di Salvo Trucking  
FROM: Eoachw 660 Mariposa St  
SUBJ: Transfer of Eligible Oversight Case SF 94107

Site name: Di Salvo Trucking  
Address: 4919 Tidewater Ave. City Oak Zip 94621 (total from both sites)  
Closure plan attached?  Y  N DepRef remaining \$ 581.25  
DepRef Project # 458 STID #(if any) 3687  
Number of Tanks: 4 removed?  Y  N Date of removal 3/16/89  
Leak Report filed?  Y  N Date of Discovery 3/16/89  
Samples received?  Y  N Contamination: Soil + water  
Petroleum  Y  N Types: Avgas Jet leaded unleaded Diesel  
fuel oil waste oil kerosene solvents  
Monitoring wells on site? ? Monitoring schedule?  Y  N  
Briefly describe the following:  
Preliminary Assessment Soil + water contamination  
Remedial Action Soil is remediate - water w/ free diesel products continues to exist  
Post Remedial Action Monitoring \_\_\_\_\_  
Enforcement Action \_\_\_\_\_

Comments:

4 tanks removed - Contamination in 9 borings - Recovery sump created to remove <sup>free</sup> diesel in water.  
Contaminated soil has been remediated -  
Free diesel continues to exist.. Plan was submitted to install trenches to collect free diesel where it can be recovered in 3 stages  
Also 3 m wells are proposed to monitor offsite migration - grab sample of water to be done at "hot spots" quarterly  
Has the above been done?

- 792. Acetylene sludge (C)
- 793. Acid and water (C)
- 794. Acid sludge (C)
- 795. AFU Floc (F)
- 796. Alkaline caustic liquids (C)
- 797. Alkaline cleaner (C)
- 798. Alkaline corrosive battery fluid (C)
- 799. Alkaline corrosive liquids (C)
- 800. Asbestos waste (T)
- 801. Ashes (T,C)
- 802. Bag house wastes
- 803. Battery acid (C)
- 804. Beryllium waste (T)
- 805. Bilge water (T)
- 806. Boiler cleaning waste (T,C)
- 807. Bunker Oil (T,F)
- 808. Catalyst
- 809. Caustic sludge (C)
- 810. Caustic wastewater (C)
- 811. Chemical cleaners
- 812. Chemical toilet waste
- 813. Cleaning solvents (F)
- 814. Corrosion inhibitor (T,C)
- 815. Data processing fluid (F)
- 816. Drilling fluids
- 817. Drilling mud
- 818. Dyes
- 819. Etching acid liquid or solvent (C,F)
- 820. Fly ash (T,C)
- 821. Fuel waste (T,F)
- 822. Insecticides (T)
- 823. Laboratory waste
- 824. Lime and sulfur sludge (C)
- 825. Lime sludge (C)
- 826. Lime wastewater (C)
- 827. Liquid cement
- 828. Liquid cleaning compounds
- 829. Mine tailings
- 830. Obsolete explosives (R)
- 831. Oil and water (T)
- 832. Oil Ash (T,C)
- 833. Paint (or varnish) remover or stripper (F)
- 834. Paint thinner (T,F)
- 835. Paint waste (or slops) (T,F)
- 836. Pickling liquor (C)
- 837. Pigments
- 838. Plating waste (T,C)
- 839. Printing ink
- 840. Retrograde explosives (R)
- 841. Sludge acid (C)
- 842. Soda ash (C)
- 843. Solvents (F)
- 844. Spent acid (C)
- 845. Spent caustic (C)
- 846. Spent (or waste) cyanide solutions (T,C)
- 847. Spent mixed acid (C)
- 848. Spent plating solution (T,C)
- 849. Spent sulfuric acid (C)
- 850. Stripping solution (T,F)
- 851. Sulfonation oil (F)
- 852. Tank bottom sediment
- 853. Tank cleaning sludges
- 854. Tanning sludges
- 855. Toxic chemical toilet wastes (T)
- 856. Unrinsed pesticide containers (T)
- 857. Unwanted or waste pesticides-an unusable portion of active ingredient or undiluted formulation (T)
- 858. Waste chemicals
- 859. Waste exoxidés
- 860. Waste (or slop) oil (T)
- 861. Weed killer (T)