

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

January 19, 2007

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

Mr. Jeff Rubin
Port of Oakland
530 Water St.
Oakland, CA 94604-2064

Dear Mr. Rubin:

Subject: Fuel Leak Cases RO000010 and RO0000185, 2277 and 2225 7th St.,
Oakland, CA 94607

Alameda County Environmental Health (ACEH) has reviewed the case file for the subject site including the September 2006 First Quarter Groundwater Monitoring and Remediation System Operation and Maintenance Report and the November 16, 2006 Technical Memorandum Results of Low Vacuum Enhancement Pilot Study prepared by Baseline. We have the following comments and request that you submit the technical reports requested below.

TECHNICAL COMMENTS

1. We have reviewed the referenced reports and it appears that the low vacuum enhancement to the extraction wells significantly improved the amount of free product removal from RW-3 and RW-7 while having little effect on RW-6. Additional modifications have been proposed to further optimize free product removal from the recovery wells. Our office concurs with the proposed low vacuum enhancement and modifications and recommends testing the other recovery wells similarly.
2. We have not received as requested a work plan for the installation of replacement wells on the east portion of the site. Please submit as requested below.

TECHNICAL REPORT REQUEST

- February 19, 2007- Work plan for the installation of replacement wells on the east portion of the sites.

ELECTRONIC SUBMITTAL OF REPORTS

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

Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker

website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic

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

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

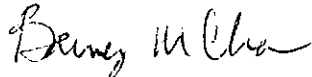
UNDERGROUND STORAGE TANK CLEANUP FUND

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.

Mr. Jeff Rubin
January 19, 2007
Page 3 of 3

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

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

cc: files, D. Drogos
Mr. James McCarty, Baseline, 5900 Hollis St., Suite D, Emeryville, CA 94608-2008
1_19_07 2225&2277 7th St

Ro 10

BASELINE

ENVIRONMENTAL CONSULTING

29 June 2006
Y5395-02.00446

Alameda County
JUL 03 2006
Environmental Health

Robert Cave
Air Quality Engineer
Bay Area Air Quality Management
939 Ellis Street
San Francisco, CA 94109

Subject: Vacuum Enhanced Product Removal Pilot Test, 651 Maritime Street, Port of Oakland, California

2277 + 2225 7th St

Dear Mr. Cave:

This letter is to notify the Bay Area Air Quality Management District ("BAAQMD") that BASELINE Environmental Consulting ("BASELINE"), on the behalf of the Port of Oakland ("Port"), is planning to perform a vacuum enhanced product recovery pilot test at the Harbor Facilities Complex ("HFC") located at 651 Maritime Street in Oakland (Figure 1). BASELINE operates a diesel product recovery system on behalf of the Port at the HFC. The source of this residual diesel was from former leaking underground storage tanks that have been removed. Cleanup of the site is being performed under the Local Oversight Program ("LOP"), administered by the Alameda County Health Agency (Case Numbers RO#0000010 and RO#0000185). BASELINE intends to perform a pilot test to determine whether applying a low vacuum on the product recovery wellheads will increase product recovery rates.

The product recovery system consists of nine product recovery wells (four of which are active), product skimmer pumps, a pump controller, a compressor, and an aboveground storage tank. BASELINE intends to perform the test on two of the recovery wells for a period of two days each; the two wells will be tested sequentially, not concurrently. BASELINE will conduct the test on each well by applying a low vacuum (up to 30 inches of water) to the wellhead and monitoring the product recovery rate. A schematic of the pilot test equipment setup is provided on Figure 2. The vacuum will be applied using a small 3/4-horsepower blower. The blower discharge will pass through two vessels containing vapor-phase granular activated carbon ("GAC"), arranged in series, prior to discharge (Figure 2). Based on the soil type and the exposed well screen interval, it is estimated that the low vacuum applied to the wellhead during the test will result in 15 to 20 standard cubic feet per minute ("scfm") air discharge.

BASELINE will monitor the air discharged from the blower and the two carbon vessels during the test with a photo-ionization detector ("PID") calibrated with isobutylene and set to measure

BASELINE

Robert Cave
29 June 2006
Page 2

equivalent benzene concentrations. The use of two carbon vessels arranged in series will ensure that the pilot test conforms to BAAQMD Regulation 8, Rule 47. The test will be terminated if the volatile organic concentration ("VOC") of the discharge from the first carbon vessel in the series (measured in parts per million ["ppm"] of benzene) and the air discharge rate indicate that the mass discharged from the first carbon vessel will exceed one pound per day.¹

BASELINE will also collect air samples in Tedlar® bags during the pilot test from the blower discharge, first carbon discharge, and the final carbon discharge. The air samples will be analyzed for VOCs using Method TO-15. BASELINE will use the data to determine the amount of hazardous air contaminants, if any, that would be expected to be emitted by the system should full scale low vacuum enhancement be implemented, and to document the quality of the air discharged during the pilot test. Samples will be collected during the second (final) day of each well test.

BASELINE expects to begin the pilot test on Monday, 31 July 2006 and to finish the testing by Friday, 4 August 2006. We will contact you a minimum of three days prior to beginning the test to confirm the proposed schedule. If you have any questions please call the undersigned at (510) 420-8686 or contact via email at jim@baseline-env.com.

Sincerely,



James McCarty, PE
Project Engineer

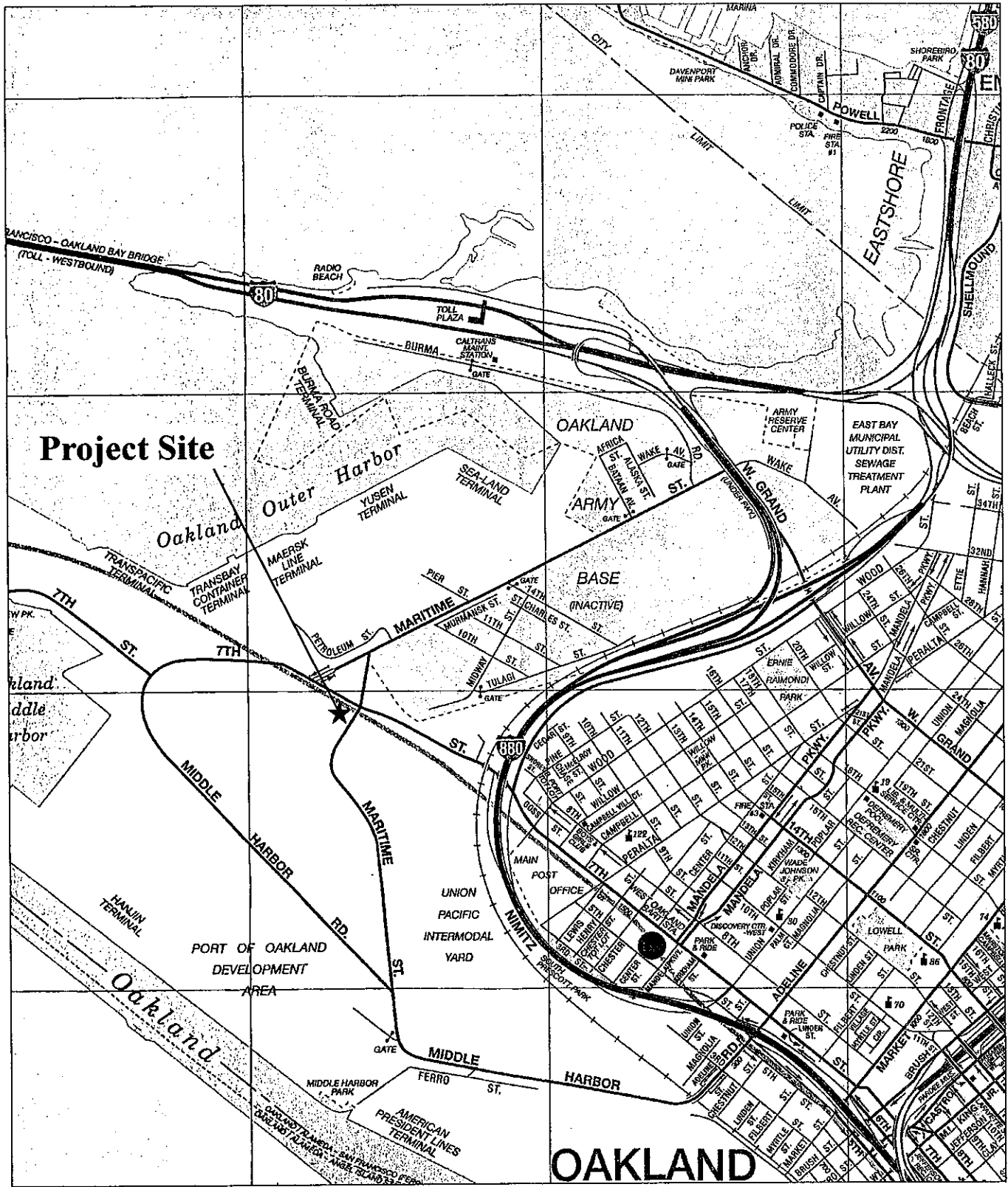
JGM:cr

Attachments

cc: Jeff Rubin, Port of Oakland
Barney Chan, Alameda County Health Agency

Y5395-02.00446-06/29/06

¹ Example: If the airflow rate is 15 scfm then the daily air flow would be 612 cubic meters. One pound of benzene in 612 cubic meters of air is approximately 230 parts per million.

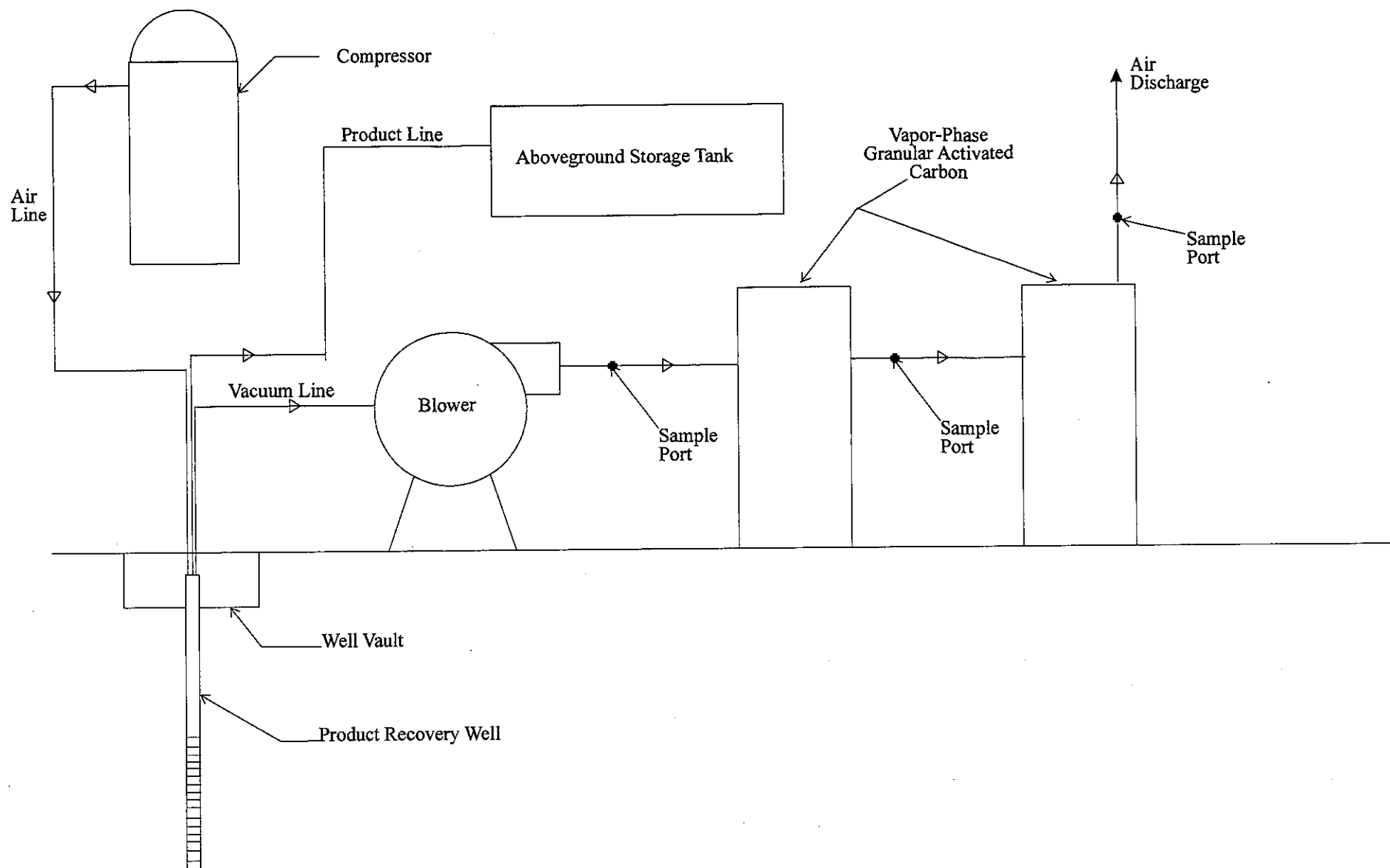


Harbor Facilities Complex - Port of Oakland
651 Maritime Street
Oakland, California



PILOT TEST SCHEMATIC

Figure 2



Harbor Facilities Ceomplex - Port of Oakland
651 Maritime Street
Oakland, California

BASELINE

ENVIRONMENTAL CONSULTING

RECEIVED

By lopprojectop at 8:59 am, Mar 16, 2006

8 March 2006
Y5395-02.00374

Mr. Barney Chan
Hazardous Materials Specialist
Division of Environmental Protection
Department of Environmental Health
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, 2nd Floor
Alameda California 94506

Subject: Request for Reduction in Groundwater Monitoring Frequency, 2225 and 2277 Seventh Street, Port of Oakland, LOP Case Numbers RO0000185 and RO0000010

Dear Mr. Chan

This letter presents a request on behalf of the Port of Oakland ("Port") for approval to reduce the frequency of groundwater monitoring at two adjacent Port properties: 2277 and 2225 Seventh Street in Oakland, California (Figure 1). Releases of petroleum hydrocarbons in the past from underground storage tanks ("USTs") at these two sites have resulted in impacts to the groundwater. Regulatory oversight of the two sites is being provided by the Alameda County Health Care Services Agency ("County") under the Local Oversight Program ("LOP").

The USTs at 2277 and 2225 Seventh Street were used to store diesel, gasoline, waste oil, and motor oil and were removed between 1990 and 1993. In the early 1990s, groundwater monitoring wells were installed to monitor groundwater quality. Eight wells were installed at 2277 Seventh Street (MW-1 through MW-8; MW-8 was replaced by MW-8A in 2001) and three wells were installed at 2225 Seventh Street (MW-1 through MW-3). The petroleum hydrocarbon plume is co-mingled and consists of dissolved- and free-phase hydrocarbons in the diesel range. One well (MW-4) on the 2277 Seventh Street property has historically contained dissolved hydrocarbons in the gasoline range. A product skimming system was installed in 1996 to recover the free-phase product. The system consisted of two "passive" free-product simmers and one "active" free-product skimmer. The passive skimmers collected product in reservoirs within each well, which were periodically emptied. The active skimmer pumped product using compressed air from the subsurface into an aboveground storage tank. In addition to the tank, the system included a 7.5-horse power air compressor and a pump controller.

The two properties are currently undergoing redevelopment. Groundwater monitoring wells MW-6 and MW-7 at 2277 Seventh Street and MW-1, MW-2, and MW-3 at 2225 Seventh Street were abandoned in 2002 to facilitate this redevelopment. The buildings that were located on the properties have been demolished and a new Port facility, the Harbor Facilities Center, was completed on the western portion of the properties in late 2004. The remaining eastern portions of the two properties are being prepared for development for transportation related facilities.

In 2003, the original remediation system was removed and ultimately replaced in December 2004 with an improved new product recovery system, consisting of nine recovery wells. The new system consists of nine product recovery wells (RW-1 through RW-9, Figure 2) in subsurface vaults and equipped with

BASELINE

Mr. Barney Chan
8 March 2006
Page 2

active skimmer pumps. These pumps are also air actuated and the new system consists of an aboveground 500-gallon storage tank, a 7.5 horsepower compressor and a programmable pump controller. In addition, the well vaults are equipped with conveyance piping to allow the application of a low vacuum on the wellhead. The final site remedial action plan prepared in May 2002 by Innovative Technical Solutions, Inc. proposed up to eight new monitoring wells to replace the wells removed during redevelopment of the properties. The Port is evaluating data from past investigations to determine the optimal number and location of new groundwater monitoring wells. The Port anticipates completing the construction of the eastern portion of the properties as container storage and shipping facility by the end of this year, at which time the replacement wells would be installed.

Groundwater monitoring has been performed at 2277 Seventh Street since 1994 and at 2225 Seventh Street since 1993. As shown on the attached graphs, the total petroleum hydrocarbons ("TPH") as diesel, TPH as gasoline, and benzene results indicate that the petroleum hydrocarbon plume is stable, since the concentration of chemical constituents has remained within the historical ranges. Free-phase product is confined to the wells that had previously contained free product. The low levels of TPH as gasoline and benzene concentrations are primarily confined to the area of MW-4. The low concentrations of TPH as diesel reported in the groundwater samples from MW-5 and MW-8A appear to be aged and weathered, as the laboratory has consistently reported that the chromatograms do not match the diesel standard.

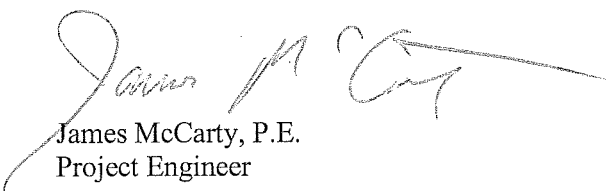
Based on the fact that the concentrations of dissolved-phase petroleum hydrocarbons in the groundwater are not increasing and the plume is not migrating, it is recommended that the frequency of groundwater monitoring for the existing wells be reduced to semi-annual. Contingent on approval from the County, the groundwater sampling would be performed on the following schedule:

First Semi-Annual Event	June/July 2006
Second Semi-Annual Event	November/December 2006

The sampling schedule for new wells would be based on the County's approval of a groundwater well construction and sampling plan prior to installation of the new wells. The Port will also explore the use of low vacuum to enhance product recovery. A short duration pilot study will be performed within the next two months to evaluate the benefit of modifying the system to include vacuum enhanced product recovery. In addition, to address the TPH as gasoline and benzene reported in the groundwater at MW-4, the Port will place a sock containing Oxygen Releasing Compound™ ("ORC"), a product developed by Regenesis, to promote in-situ biodegradation of the TPH as gasoline. The sock will be removed two weeks prior to sampling the well. Further use of ORC as a remediation methodology will be evaluated in the first semi-annual report. We will look forward to any comments you may have on this request. Please contact us at your convenience with any questions.

Sincerely,


Yane Nordhav, P.G.
Principal


James McCarty, P.E.
Project Engineer

YN:JM:cr

Attachments

cc: Jeffrey Rubin, Port of Oakland
Jeff Jones, Port of Oakland

BASELINE

Mr. Barney Chan

8 March 2006

Page 3

Michele Heffes, Port of Oakland

Kathryn Purcell, Science Applications International Corporation

Al Notary, P.E., L.S., Brown and Caldwell

Christine Noma, Wendel, Rosen, Black, & Dean, LLP

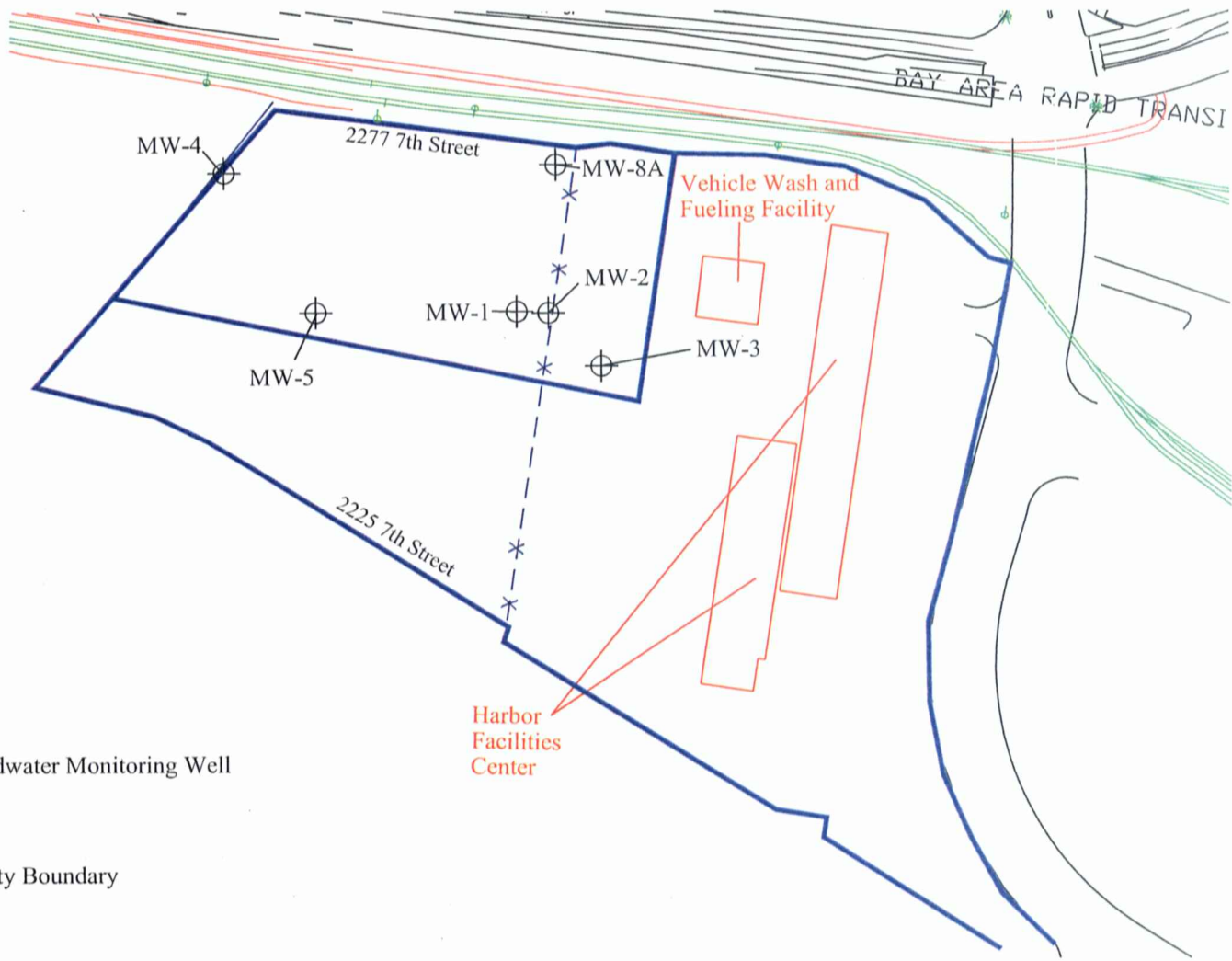
Deborah Ballati, Farella Braun + Martel LLP

Robert Edwards, Zurich North America




Phil King, Meckler Bulger & Tilson LLP

SITE PLAN

Figure 1



Legend

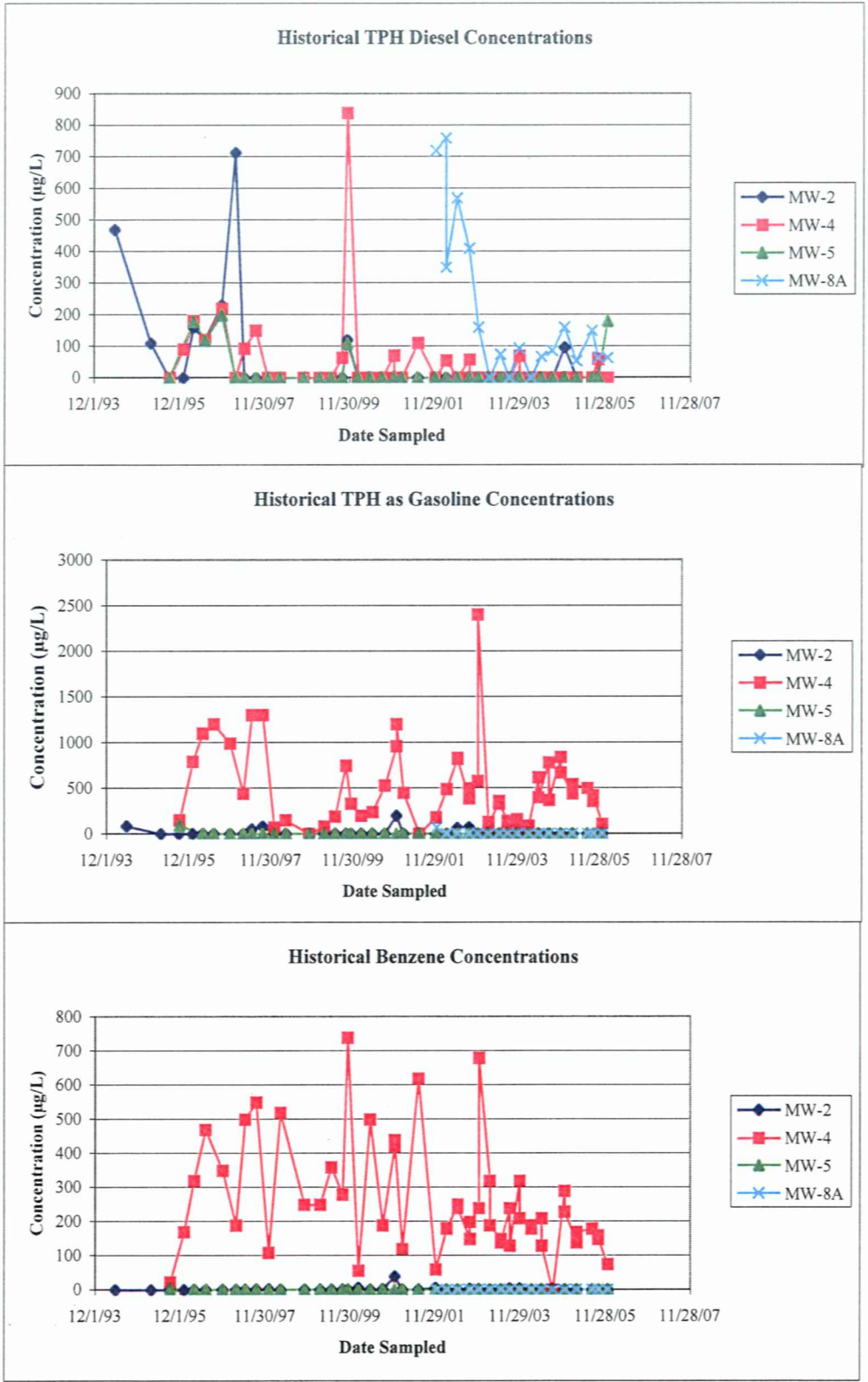
- MW-2  Groundwater Monitoring Well
-  Fence
-  Property Boundary

**2277 and 2225 Seventh Street
Port of Oakland
Oakland, California**



BASELINE

Historical Groundwater Data
 2277 Seventh Street, Oakland
 Port of Oakland





1010/187

PORT OF OAKLAND

Alameda County

FEB 06 2006

Environmental Health

RECEIVED

FEB 03 2006

ENVIRONMENTAL HEALTH SERVICES

February 2, 2006

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

**RE: 2005 4th Quarter Groundwater Monitoring Report - Port of Oakland Harbor
Facilities Center, 2277 and 2225 Seventh Street, Oakland, CA**

Dear Mr. Chan:

Please find enclosed the subject Port of Oakland (Port) groundwater monitoring report for 2277 and 2225 Seventh Street in Oakland, California. This report is being submitted in accordance with Alameda County Health Care Services Agency (ACHCSA) requirements.

Please note that the Port has retained Baseline Environmental Consulting (Baseline) to continue the groundwater monitoring program. Baseline has recommended that the Port request a reduction in groundwater monitoring frequency from quarterly to semi-annual. We are in the process of preparing a formal request for this change. Contingent upon approval from ACHCSA, the next monitoring event will be performed during the June/July 2006 time frame, and will be in accordance with the aforementioned requirements. If you have any questions or comments regarding the results, please contact me at (510) 627-1134.

Sincerely,

Jeffrey L. Rubin, CPSS, REA
Port Associate Environmental Scientist
Environment and Safety

Enclosure: noted

Cc (w encl.): Michele Heffes

Cc (w/o encl.): Jeff Jones
James McCarty (Baseline Environmental)
Yane Nordhav (Baseline Environmental)
Lydia Huang (Baseline Environmental)



PORT OF OAKLAND

September 23, 2005

Mr. Barney Chan
Hazardous Materials Specialist
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Alameda County
SEP 27 2005
Environmental Health

RE: Status Update – Additional Monitoring Wells and Risk Management Plan — 2225 and 2277 Seventh Street, Oakland, California

Dear Mr. Chan:

This letter provides a status update regarding additional monitoring wells and the risk management plan (RMP) for the Port of Oakland (Port) 2225 and 2277 Seventh Street site (site). This site is the location of the new Harbor Facilities Center (HFC), previously known as the Port Field Support Services Complex (PFSSC). This letter follows up on my previous update letter to you dated July 19, 2005, and is being submitted in accordance with County requirements.

BACKGROUND

Several soil and groundwater investigations have been performed as a result of former underground storage tank releases of diesel and gasoline fuel. As a result of these fuel releases, separate phase petroleum hydrocarbon product has been identified floating on the groundwater table. Petroleum hydrocarbons, volatile organic compounds and methane in soil, soil gas and groundwater were also identified beneath the site. The Port's environmental consultant, Treadwell & Rollo, Inc., designed a soil-gas venting system to mitigate this risk beneath the building. A free product recovery system was also designed by Treadwell & Rollo to recover the product floating on the groundwater table beneath the site.

Final "as built" drawings and an operation and maintenance (O&M) manual were prepared for the soil gas venting and free product recovery systems. The "as built" drawings were submitted to you with previous correspondence dated July 18, 2005.

Installation of Additional Monitoring Wells

The final site remedial action plan prepared in May 2002 by the Port's consultant, Innovative Technical Solutions, Inc. (ITSI), proposed that eight replacement monitoring wells be installed after the new free product recovery system was in place.¹ These monitoring wells were proposed to replace former and existing monitoring wells on site, although the location and number of replacement monitoring wells is

¹ Innovative Technical Solutions, Inc., *Additional Site Characterization and Remedial Action Plan for 2275 and 2277 Seventh Street, Oakland, California*, May 2002; page 11.

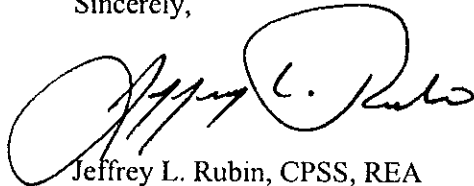
now being reevaluated. Several of the existing monitoring wells that undergo quarterly testing could potentially serve this purpose, thereby limiting the number of new well installations. Before any decisions can be made on the number and placement of any additional wells, site conditions need to be evaluated following a full year of operation, maintenance, and calibration of the free product recovery system. A year of testing and calibration will have elapsed at the end of December 2005. As a result, new monitoring wells will be installed during the first quarter of 2006.

Risk Management Plan

During the planning stages for development of the new HFC, the Port prepared a Human Health Risk Assessment (HHRA), approved by all regulatory agencies. Worker protection during construction of the HFC was described in a Health and Safety Plan, based in part on the final HHRA. In addition, upon completion of the HFC, precautions for subsequent subsurface construction activities were to be described in a Risk Management Plan (RMP) for the entire site.² Preparation and submittal of this RMP will be coordinated with the proposed number and placement of additional monitoring wells, as described above during the first quarter of 2006.

If you have any questions, please call me at (510) 627-1134.

Sincerely,



Jeffrey L. Rubin, CPSS, REA
Port Associate Environmental Scientist
Environment and Safety Department

Cc: Rachel Hess, Innovative Technical Solutions, Inc.
Chris Alger, Iris Environmental
Glenn Leong, Treadwell & Rollo, Inc.
Jeff Ludlow, Treadwell & Rollo, Inc.
Yane Nordhav (Baseline Environmental)
Lydia Huang (Baseline Environmental)
Michele Heffes, Port Legal Department
Jeff Jones, Port Environment and Safety Department
Roberta Reinstein, Port Environment and Safety Department

² Preparation of a Risk Management Plan ("RMP") - Letter to Barney Chan, Alameda County Health Care Services Agency from Jeff Rubin, dated 7 March 2003.



Ro 10

PORT OF OAKLAND

May 25, 2004

Mr. Barney Chan
Hazardous Materials Specialist
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Alameda County
Environmental Services
MAY 26 2004

RE: Status Update – Installation of Soil Gas Venting System and Reinstallation of Free Product Removal System – 2225 and 2277 Seventh Street, Oakland, California

Dear Mr. Chan:

Ro 187 Ro 10
DH ?

This letter provides a status update for installation of the soil gas venting system and re-installation of the free-product recovery system at the Port of Oakland (Port) 2225 and 2277 Seventh Street site (site). This site is the location of the new Harbor Facilities Center (HFC), previously known as the Port Field Support Services Complex (PFSSC). The former free product recovery system was temporarily shut down to accommodate construction of the HFC. This shut down was approved by the Alameda County Health Care Services Agency (County) on March 27, 2003, contingent upon installation of a new free product removal system. This letter is being submitted in accordance with County requirements regarding the status and start up of the replacement system.

BACKGROUND

Several soil and groundwater investigations have been performed as a result of former underground storage tank releases of diesel and gasoline fuel. As a result of these fuel releases, separate phase petroleum hydrocarbon product has been identified floating on the groundwater table. Petroleum hydrocarbons, volatile organic compounds and methane in soil, soil gas and groundwater were also identified beneath the site. The Port's environmental consultant, Treadwell & Rollo, Inc., designed a soil-gas venting system to mitigate this risk beneath the building. A free product recovery system was also designed by Treadwell & Rollo to recover the product floating on the groundwater table beneath the site.

MITIGATION SYSTEM INSTALLATION STATUS AND FUTURE TASKS

The following provides a status update of the installation of the two mitigation systems.

Soil Gas Venting System

Overaa Construction (Overaa) installed the collection pipe and vapor barrier components of the soil gas-venting system beneath the new building slab. The perimeter grade beam vents have been roughed in but have not yet been finished. Additionally, the riser pipe and wind turban installation have yet to be completed. Completion of these task is scheduled for July 2004. As built drawings and an operation and maintenance plan will be prepared for the soil gas venting system upon completion.

May 25, 2004

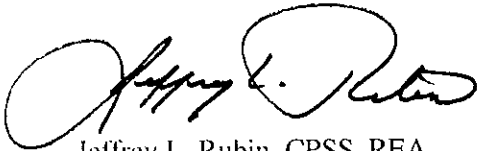
Free Product Recovery System Installation

Beliveau Engineering Contractors, Inc. is currently constructing the free product recovery system under contract with Overaa and Dillard Environmental Services. The air supply and product return lines and conduit have been constructed, and the recovery wells have been installed. The wellheads and associated appurtenances have been completed inside traffic-rated boxes at each well location. The equipment compound installation will be completed by July 2004.

Free product is slow to appear in the recovery wells because they have not yet been developed. On 29 April 2004, one day after well installation, separate phase product was observed in only one of the nine recovery wells, at a thickness of 0.05 feet. Twelve days after installation, product was observed in the same well again at a thickness of 0.05 feet. Twenty days after well installation, however, free product was observed in four of the nine wells at thickness ranging from 0.02 feet to 0.10 feet. The lack of free product is likely the result of current high water table conditions, as compared to the relatively lower water tables that will occur during the summer and fall months. Well installation has also disturbed the aquifer, resulting in lack of free product.

The recovery wells will be developed by mid June. After the equipment compound is constructed, the system will be tested to confirm the air supply lines deliver air to each wellhead and air can be returned through the product return lines back to the equipment compound. Installation of the pumps and start up of the recovery system may be delayed until a greater thickness of separate phase product is observed in more of the recovery wells. Pump installation may therefore be in late summer when the water table elevation will likely drop. Procedures will be outlined to prepare the recovery wells for pump installation and system start-up at that time. If you have any questions, please call me at (510) 627-1134.

Sincerely,



Jeffrey L. Rubin, CPSS, REA
Port Associate Environmental Scientist
Environmental Health and Safety Compliance

Cc: Roger Brewer, Regional Water Quality Control Board
Rachel Hess, Innovative Technical Solutions, Inc.
Chris Alger, Iris Environmental
Glenn Leong, Treadwell & Rollo, Inc.
Jeff Ludlow, Treadwell & Rollo, Inc.
Michele Heffes, Port Legal Dept.
Mikhail Korsunsky, Port Engineering Dept.
Jeff Jones, Port Environmental Health & Safety Compliance Dept.
Roberta Schoenholz, Port Environmental Health & Safety Compliance Dept.

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

June 13, 2003

Mr. Jeff Rubin
Port of Oakland
530 Water St.
P.O. Box 2064
Oakland, CA 94604-2064

Dear Mr. Rubin:

Subject: Fuel Leak Cases RO0000087 and RO0000010, 2225 and 2277 7th St., Oakland,
CA 94607. Future Port of Oakland Field Support Services Complex

Alameda County Environmental Health staff and staff from the Regional Water Quality Control Board have reviewed the following documents from Iris Environmental for the referenced sites.

- Human Health Risk Assessment and Abbreviated Phase II Environmental Site Assessment Report, October 2002
- Response Package and Addendum to Human Health Risk Assessment for Future Port of Oakland Field Support Services Complex, March 7, 2003 and
- Final Human Health Risk Assessment for Future Port of Oakland Field Support Services Complex, May 6, 2003.

With the concurrence of the RWQCB, our office concurs with the conclusions and the proposed mitigation measures (passive soil venting system and asphalt cap) of the final risk assessment. The cancer risk to on-site construction worker and future on-site commercial worker is expected to be below 1×10^{-5} .

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

Sincerely,

A handwritten signature in black ink that reads "Barney M. Chan". The signature is written in a cursive, flowing style.

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, D. Drogos

Mr. C. Alger, Iris Environmental, 1615 Broadway, Suite 1003, Oakland, CA 94612

Mr. Roger Brewer, SFRWQCB

HHRA2225&2277 7thSt

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

March 27, 2003

Mr. Jeff Rubin
Port of Oakland
530 Water St.
P.O. Box 2064
Oakland, CA 94604-2064

Dear Mr. Rubin:

Subject: Fuel Leak Case RO0000010, 2277 Seventh St., Oakland, CA 94607

Alameda County Environmental Health, Local Oversight Program (LOP) staff has reviewed the case file for the referenced site including your March 11, 2003 proposal letter to abandon the piping and temporarily shut down the free product removal system. It is our understanding that this system would be ineffective due to the construction of future Port Field Service Complex and the upgrades associated with this development. We understand that the piping will be flushed and removed and a new product removal system installed with additional extraction wells within the next 6-9 months.

Our office approves the temporary shut down and awaits the proposal for your new free product removal system. Please notify our office if your plans change from that stated in your letter.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, D. Drogos, files ✓
Ms. R. Hess, ITSI, 2730 Shadelands Drive, Suite 100, Walnut Creek, CA 94598
2277 7th St prodrem

2010
CHAN



State Water Resources Control Board



Winston H. Hickox
Secretary for
Environmental
Protection

Division of Clean Water Programs
1001 I Street • Sacramento, California 95814
P.O. Box 944212 • Sacramento, California • 94244-2120
(916) 341-5714 • FAX (916) 341-5806 • www.swrcb.ca.gov/cwphome/ustcf

Gray Davis
Governor

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

JAN 15 2003
Port Of Oakland
Douglas Herman
530 Water St
Oakland, CA 94607

Alameda County

JAN 22 2003

Environmental Health

UNDERGROUND STORAGE TANK CLEANUP FUND (FUND), CLAIM NUMBER 012949; FOR SITE ADDRESS: 2277 7TH ST, OAKLAND

On February 17, 1998, the Port of Oakland (Port) submitted a claim application to the Fund for the subject site. Included with the application, as a request for the State Water Resources Control Board (SWRCB) to grant a Permit Waiver. On December 22, 1998, the SWRCB granted the Permit Waiver and the claim was accepted and placed on the Priority List in Priority Class D.

In 2002, the Port submitted several claim applications to the Fund. In addition, the Port requested the SWRCB grant a Permit Waiver for the newly submitted applications in order to access the Fund. One condition of the Permit Waiver is that the claimant was unaware of the permit requirement to January 1, 1990. During the Fund's review process, it was discovered that the Port had knowledge of the permit requirement. Therefore, the SWRCB denied the Permit Waiver on the newly submitted claim applications. Since the Port was aware of the requirement to obtain permits, the Fund is not allowing this claim access to the Fund under the Permit Waiver.

The Port must provide evidence that they were in compliance with the permit requirement of the Petroleum Underground Storage Tank Cleanup Fund Regulations, Section 28811(a)(2). Please provide a copy of the permit to own or operate the UST from the local implementing agency dated between January 1, 1984 and January 1, 1990 (pursuant to Chapter 6.7 of the Health and Safety Code). If the Port is unable to provide the documentation, the Fund will begin the process of removing this claim from the Priority List.

NOTE: Failure to respond to this request within thirty (30) calendar days from the date of this letter may result in an ineligibility determination of your claim.

If you have any questions, please contact me at (916) 341-5714.

Sincerely,

ORIGINAL SIGNED BY

Shari Knieriem
Claims Review Unit
Underground Storage Tank Cleanup Fund

Lustis Case #: 01-2020

Port Of Oakland

-2-

cc: Mr. Steve Morse
RWQCB, Region 2
1515 Clay Street, Ste. 1400
Oakland, CA 94612

Ms. Donna Drogos
Alameda County EHD
1131 Harbor Bay Pkway, 2nd Fl.
Alameda, CA 94502-6577



Revised date May 30, 2002

JUN 18 2002

Mr. Barney Chan
Hazardous Materials Specialist
Alameda County Environmental Health Services, Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

**Errata to Additional Site Characterization and Remedial Action Plan for
2225 and 2277 Seventh Street Sites
Oakland, California**

Dear Mr. Chan:

A typographical error has been identified on pages 6 and 7 of the above referenced Plan that was sent out to you yesterday. Please replace those pages with the attached corrected pages. We apologized for any inconvenience that this may have caused. If you have any questions or comments, please contact me at either 510-715-7842 or 925-946-3105.

Sincerely,



Rachel B. Hess
Project Manager

Cc: Jeff Rubin, EH&SC Department, Port of Oakland, 530 Water Street, Oakland, CA 94607
Mikhail Korsunsky, Engineering Department, Port of Oakland, 530 Water Street, Oakland, CA, 94607
Barry MacDonnell, Vision 2000 Department, Port of Oakland, 530 Water Street, Oakland, CA, 94607
Michele Heffes, Legal Department, Port of Oakland, 530 Water Street, Oakland, CA 94607

Cc (w/o encl.): Jeff Jones, EH&SC Department, Port of Oakland, 530 Water Street, Oakland, CA 94607
Roberta Schoenholz, EH&SC Department, Port of Oakland, 530 Water Street, Oakland, CA 94607

Providing Turnkey Civil/Environmental Engineering and Construction



Innovative
Technical
Solutions, Inc.

JUN 18 2002

June 14, 2002

Barney -

Our previous letter to you was mistakenly dated "March" instead of May.

To prevent potential confusion in your files, please substitute that letter with this one dated "May". Sorry for the inconvenience!

Rachel

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 20, 2001
RO0000187/RO0000010

Mr. John Prall
Port of Oakland
530 Water St.
Oakland CA 94604

**Re: Workplan for Additional Site Characterization 2225 and 2277 Seventh St.
Oakland CA 94607**

Dear Mr. Prall:

Our office has received and reviewed the November 8, 2001 work plan for the referenced sites as prepared by ITSI. I have also spoken with Mr. Jeff Hess and Ms. Rachel Hess of ITSI regarding its contents. As you are aware, the work plan initially was prepared to provide better subsurface lithology of the sites using cone penetration test (CPT) borings. Using the UVIF modification to the CPT will allow semi-quantitative estimation of petroleum contamination in the subsurface. Five of the proposed CPT locations will have a monitoring well installed adjacent to the boring, which will allow visual logging to confirm the CPT printout data. From this data, you will ideally receive sufficient characterization to prepare a feasibility study. Some of the wells installed may be used for remediation purposes in the future and the free product map may be confirmed or refined.

The work plan is approved. Please notify our office prior to initiating this work.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Ms. R. Hess, ITSI, 2730 Shadelands Drive, Suite 100, Walnut Creek, CA 94598

CPTwpap2225&2277 7thSt

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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

September 27, 2001
StID 3899/ RO0000010

Mr. John Prall
Port of Oakland EH&SC
530 Water St.
Oakland CA 94607

Re: Replacement Well Work Plan, 2277 7th St., Oakland CA 94607

Dear Mr. Prall:

Our office has received and reviewed the September 24, 2001 work plan for the installation of MW8A, the replacement well for MW8 at 2277 7th St., Oakland. With the condition, that every effort be made to install the well screen as shallow as possible, the work plan is approved. The initial work plan called for the screen interval to be approximately from 8' to the bottom of the well. Historically, depth to water in MW8 has been as shallow as 7.84'. I received a voice message from Ms. Rachel Hess of ITSI and she said she would attempt to set the screen as shallow as possible.

I understand the well is scheduled for installation on October 2, 2001.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

✓ C: B. Chan, files

Ms. R. Hess, ITSI, 2730 Shadelands Drive, Suite 100, Walnut Creek, CA 94598

Mw8Aap2277 7th St

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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

September 14, 2001
StID 940, 3899/ RO 187, 10

Mr. John Prall
Port of Oakland
530 Water St.
P.O. Box 2064
Oakland CA 94604-2064

Re: Subsurface Investigation at 2225 and 2277 7th St., Oakland CA 94607

Dear Mr. Prall:

Our office has received and reviewed the August 31, 2001 Second Quarter 2001 Quarterly Groundwater Monitoring and Product Recovery Report for 2277 7th St., the Semi-Annual 2001 Groundwater Monitoring report for 2225 7th St. and your September 11, 2001 cover letter these reports.

Our office approves the extension to November 9, 2001 for the submission of a work plan for expanded free product recovery and the preparation of a remediation feasibility study for these sites. We also approve the submittal of a work plan to install a replacement well for MW-8, which should be submitted by September 24, 2001 and installed as soon as possible after receipt of County approval. Please make every effort to meet these deadlines as there has been limited remediation to date and a down-gradient well to free product is necessary.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files
J. Hess, ITSI, 1730 Franklin St., Oakland CA 94607

Wpext2225&277 7thSt



PORT OF OAKLAND

#940

September 11, 2001

SEP 13 2001

Mr. Barney Chan
Hazardous Materials Specialist
Environmental Health Services
Environmental Protection
1131 Harbor Bay Parkway, suite 250
Alameda, California 94502-6577

#340 (187) 3899 (W)

**Subject: 2225 and 2277 Seventh Street UST Sites,
Oakland, California**

Dear Mr. Chan:

We are in receipt of your August 20, 2001 letter regarding the 2225 and 2277 Seventh Street, underground storage tank sites. In your letter, you requested three new tasks: 1) expanded free product recovery, 2) replacement of monitoring well MW-8, and 3) the preparation of a remediation feasibility study. All three tasks were, at your request, to be addressed in a work plan to be submitted to the County within 30 days of the August 20th letter or no later than September 24, 2001. Because of extensive technical review and input that will be required by the project consultant, Innovative Technical Solutions, Inc. (ITSI), the Port herein requests additional time to address tasks 1 and 3. The Port proposes to submit a work plan for that effort by November 9, 2001.

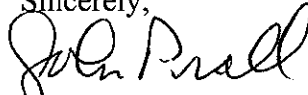
During the review period, the Port proposes to reinstall well MW-8. The Port intends to submit to your office by September 24, 2001 a work plan for the installation effort. The actual installation date is to be determined based upon availability of a drilling contractor (during the typical busy summer months) and access into an active terminal. However, we anticipate, the well can be installed soon after the County approves the work plan.

Mr. Barney Chan
September 11, 2001
Page 2

Also, please find enclosed a copy for your use the *Second Quarter of 2001 Quarterly Groundwater Monitoring and Product Recovery Report 2277 Seventh Street, Oakland, California* and *Semi-Annual 2001 Groundwater Monitoring 2225 Seventh Street, Oakland, California* report prepared on the behalf of the Port by Harding ESE, dated August 31, 2001.

Should you have any questions or comments, please contact me at your earliest convenience at 627-1373.

Sincerely,



John Prall
Associate Environmental Scientist

Cc: Jeff Jones

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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

August 20, 2001
StID 3899, 940/RO110, 187

Mr. John Prall
Port of Oakland
530 Water St.
P.O. Box 2064
Oakland, CA 94604-2064

Re: 2225 and 2277 Seventh St. UST Sites, Oakland CA 94607

Dear Mr. Prall:

This letter follows up our conversation today where you updated me on the status of these two Port of Oakland sites. It appears that the free product plumes from these sites may have commingled. The figure presented in your July 25, 2000 letter report indicates a free product plume with the dimensions of approximately 400' x 200' stretching from the former tanks on 2225 7th St. to the former tank pit on 2277 7th St.. Significant amounts of free product have been removed from MW-3, however, it is not know if other hot spots exist within the plume or whether MW-3 is typical of the plume. The specific source(s) of the release have not been identified, as such, there is no reason to explain why the area near MW-3 is as impacted as it is. Because of this lack of knowledge of the free product plume, our office requests that the free product removal be expanded. You will need to determine the general thickness of the plume within the free product area and install free product collection and removal wells, sumps or trenches. Based upon the free product figure presented, this plume may be underneath Buildings C-407 and C-401.

A replacement well for MW-8, the down-gradient well to both sites must be installed. This well has had in the past free product. It is unclear whether this free product is from the same large plume from the underground tanks. If this is the case, the plume has migrated beneath and beyond Building C-401. Please clarify the amount of monitoring events performed on MW-8. Were there any more than the 12/31/97 and 11/6/98 events, both of which reported free product? For completeness, your monitoring reports should include all this information.

Lastly, you are requested to provide a feasibility study to examine and compare the available technology that exist to remediate this site. A comparison of cost, effectiveness, implementability and timeliness should be done.

Please submit a work plan for augmenting the free product investigation, expanding the free product recovery system, installation of a replacement well for MW-8 and performing a feasibility study. **You should submit your work plan within 30 days or no later than September 24, 2001.**

Mr. John Prall
August 20, 2001
StID 3899, 940/RO110, 187
2225 and 2277 Seventh St. UST Sites, Oakland CA 94607
Page 2

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

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

✓ C: B. Chan, files

Mr. L. Fraticelli, Harding ESE, Inc., 383 Fourth St., Suite 300, Oakland CA 94607

Wprq2277&2225 7thSt

Chan, Barney, Env. Health

From: John J. Levi [SMTP:jclevi@rmi.net]
Sent: Wednesday, August 15, 2001 11:31 AM
To: 'BChan@co.alameda.ca.us'
Subject: Status questions for two Port of Oakland sites

Barney, per our telephone conversation of today, and where I asked for the current status on two of Larry Seto's former cases, here is what I know up to this point:

1. For the Nationsway Transport site, a/k/a Dongary Investments facility, located at 2225 7th Street, Oakland, as of my April 2000 contact with Larry, he advised that the Port still needed to further define the contamination plume at this property, before it can move towards site closure. While the Port needs to address this area, Larry could not advise when they will submit reporting in that regard. This is due to the fact that the file is somewhat "self-guided", in that your agency only provides comment to reporting that comes in and Larry hasn't set deadlines for its submission. Is this still the current status for the site, and since April 2000, or has other Port reporting been received by your office?
2. As for the Port's C-401 Building portion of this site, at 2277 7th Street, Oakland, the most recent file entry as of April 2000 was a May 1999 groundwater monitoring report, that indicated free product was being pumped from up to 3 monitoring wells at the site. The Port still also needed to complete a Risk Assessment report before any further oversight is afforded by the ACEHD. Larry also mentioned in April 2000, that the Port needs to make the necessary reporting to his agency before he can provide any comment or direction to them, concerning the additional remediation work that maybe required at the properties. That reporting will likely concern further definition of the contamination plume, as well as to complete the removal of floating product in the site's MWs. In addition, if contamination was still found to be present in the soil and groundwater, then a Risk Assessment must be completed for the site. These areas were to be addressed as the Port moves toward an approved closure of this cleanup site. Is this still the current status for the site, since April 2000, or has your office received other Port reporting?

Any information you can provide would be greatly appreciated.

Thanks,

John Levi
EnviroNet, Inc.
1-888-790-7690

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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

April 20, 2000

Mr. John Prall
Port of Oakland
530 Water Street
Oakland, CA 94607
STID 3899

RE: Port of Oakland, 2277 Seventh Street, Oakland, CA 94607

Dear Mr. Prall:

I have reviewed the Request for Approval to Abandon Monitoring Well MW-8 dated April 19, 2000 that was prepared by Harding Lawson Associates. It is acceptable.

Please forward to this office the replacement well installation report as soon as it becomes available.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,


Larry Seto
Sr. Hazardous Materials Specialist

Cc: James McCarty, Harding Lawson Associates, 383 Fourth Street, 3rd Floor,
Oakland, CA 94607

Files

Harding Lawson Associates



April 19, 2000

02884 101BAYA

Mr. Lawrence Seto
Senior Hazardous Materials Specialist
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

**Request for Approval to
Abandon Monitoring Well MW-8
Port of Oakland
2277 Seventh Street
Oakland, California**

Dear Mr. Seto:

On behalf of the Port of Oakland (Port), Harding Lawson Associates (HLA) requests approval to abandon groundwater monitoring well MW-8, located at 2277 Seventh Street in Oakland, California (Site), see Plate 1. Construction of a railroad track associated with the Port of Oakland Vision 2000 improvements requires the removal of MW-8. The well is located in the alignment of the new track, and in order for construction to proceed, all surface structures need to be removed. After the well has been properly abandoned and the construction activities are complete, HLA will construct a replacement well in the location shown on Plate 1.

HLA has received a permit (#W00-1690) from the Alameda County Public Works Agency (ACPW) for the abandonment of the well. The well will be destroyed in accordance with ACPW well permit policy by overdrilling to remove the sand pack and well casing and then backfilling with a cement grout and bentonite mix.

HLA will construct the replacement well approximately 30 days after the abandonment of MW-8 using standard construction procedures for groundwater monitoring wells. Within three weeks of the construction of the replacement well, HLA will issue a brief letter report will be issued to the Alameda County Department of Environmental Health documenting the replacement well's location and construction details.

Harding Lawson Associates


April 19, 2000
02884 101BAYA
Mr. Lawrence Seto
Senior Hazardous Materials Specialist
Alameda County Department of Environmental Health
Page 2

The Port has scheduled surface preparation for the construction for the new railroad spur to begin on Friday, April 21, 2000. Therefore HLA requests your authorization on Wednesday, April 19, 2000, to the proceed with well abandonment so that the well can be remove on Thursday, April 20, 2000 before construction begins. HLA appreciates your attention to this matter on such short notice and if you have any questions please contact James McCarty at (510) 628-3220.

Yours very truly,

HARDING LAWSON ASSOCIATES


James McCarty
Project Engineer


Stephen Osborne,
Geotechnical Engineer

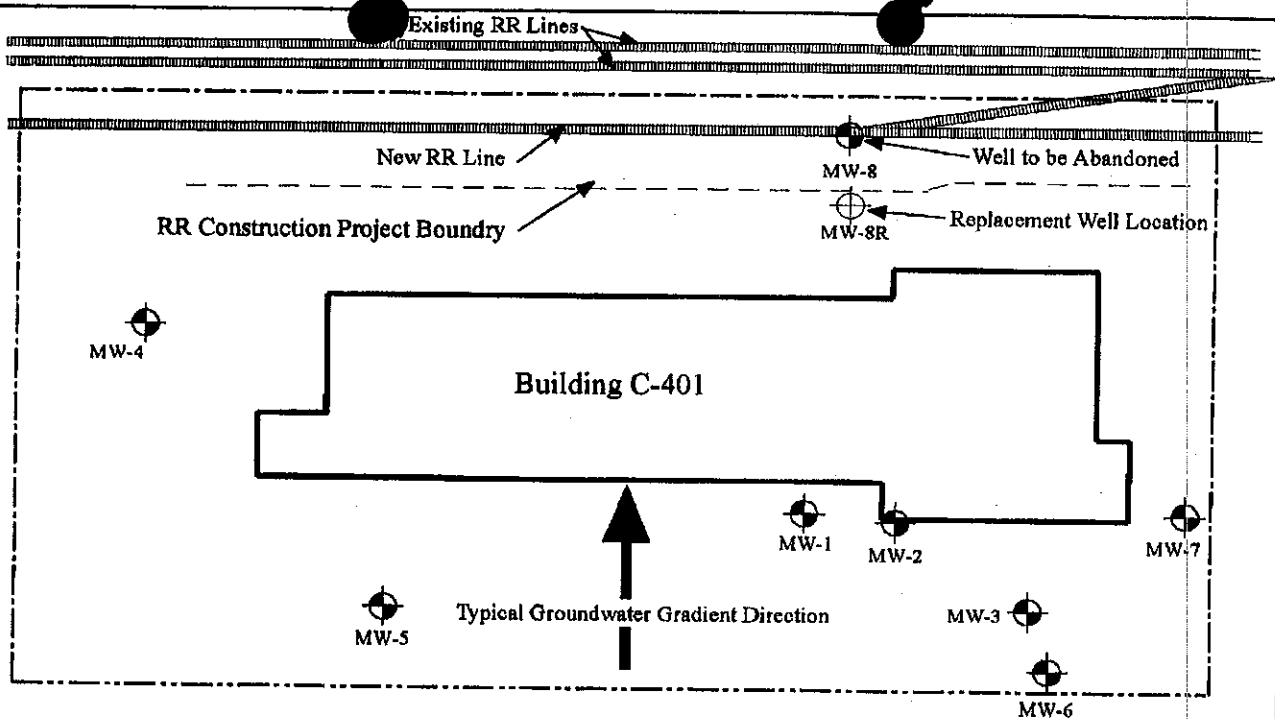
JGM/SJO/mlw/P/037665P

1 copies submitted

Attachments Plate 1 - Site Map

cc: John Prall
Port of Oakland





Harding Lawson Associates
Engineering and
Environmental Services

Site Plan
Monitoring Well MW-8 Removal and Replacement
2277 Seventh Street
Oakland, California 94607

PLATE

1

DRAWN
jgm

PROJECT NUMBER
02884 BAYA101

APPROVED

DATE
04/18/00

REVISED DATE

FACSIMILE TRANSMISSION

To: Lawrence Seto

Fax Number: (510) 337-9335

From: James McCarty

Date: April 19, 2000

Subject: Well Abandonment, 2277 Seventh Street, Port of Oakland

Project Number: _____

Number of pages (including this cover sheet): 2

Original to follow by mail: X Yes _____ No

Remarks:

cc: _____

Transmitted by: _____

If you do not receive all pages, please call (510) 451-1001

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Harding Lawson Associates
Engineering and Environmental Services
383 Fourth Street, Third Floor
Oakland, CA 94607 — (510) 451-1001

FAX (510) 451-3165

FACSIMILE TRANSMISSION

To: Lawrence Seto

Fax Number: (510) 337-9335

From: James McCarty

Date: April 19, 2000

Subject: Well Abandonment, 2277 Seventh Street, Port of Oakland

Project Number: _____

Number of pages (including this cover sheet): 3

Original to follow by mail: _____ **Yes** _____ **X** **No**

Remarks:

cc: _____

Transmitted by: _____

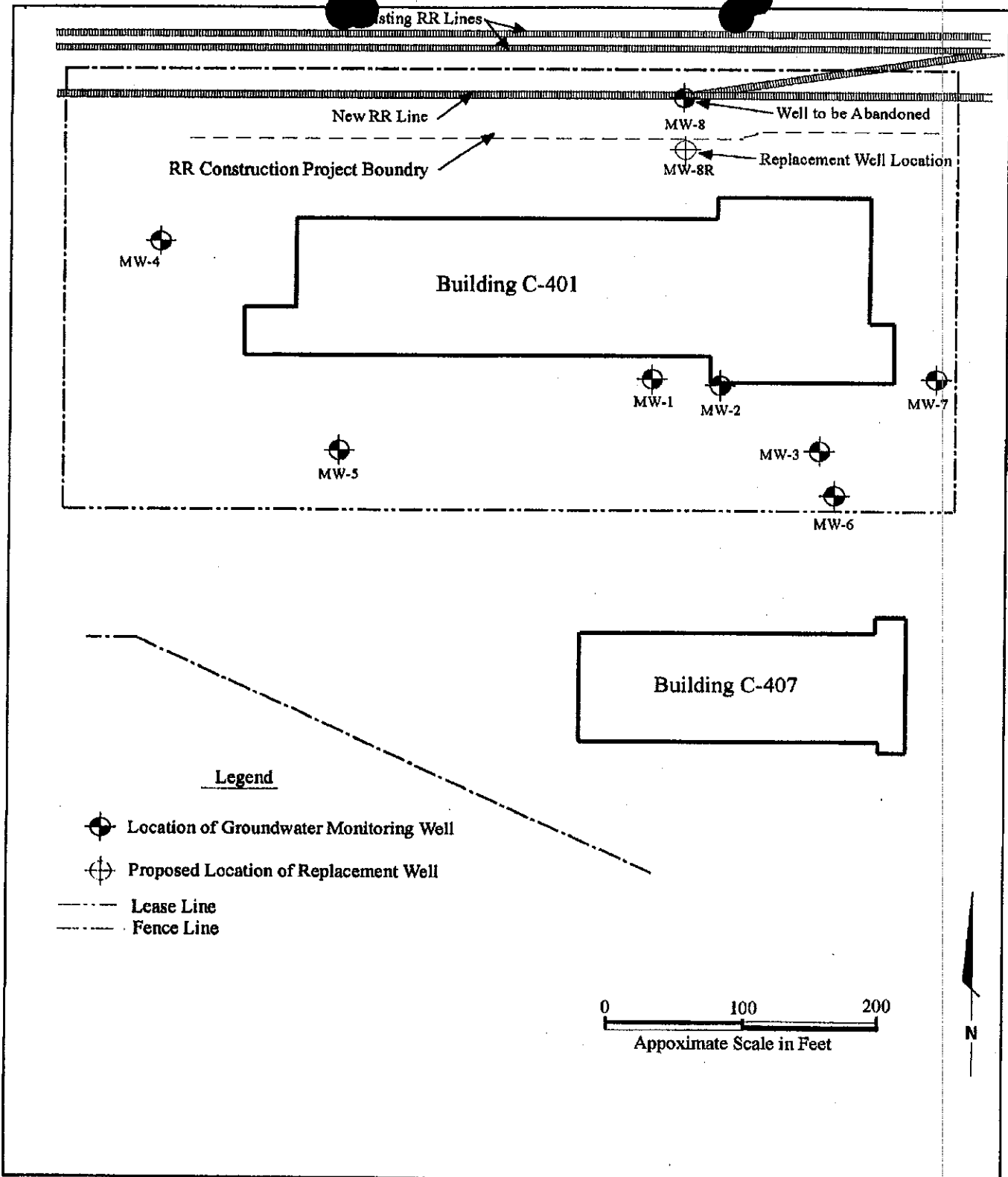
If you do not receive all pages, please call (510) 451-1001

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



Harding Lawson Associates
Engineering and Environmental Services
383 Fourth Street, Third Floor
Oakland, CA 94607 — (510) 451-1001

FAX (510) 451-3165



Legend

-  Location of Groundwater Monitoring Well
-  Proposed Location of Replacement Well
-  Lease Line
-  Fence Line

0 100 200
 Approximate Scale in Feet



Harding Lawson Associates
 Engineering and
 Environmental Services

Site Plan
Monitoring Well MW-8 Removal and Replacement
2277 Seventh Street
Oakland, California 94607

PLATE
1

DRAWN
jgm

PROJECT NUMBER
 02884 BAYA101

APPROVED

DATE
 04/18/00

REVISED DATE

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 19, 2000

Mr. John Prall
Port of Oakland
530 Water Street
Oakland, CA 94607
STID 3899

RE: Port of Oakland, 2277 Seventh Street, Oakland, CA 94607

Dear Mr. Prall:

The most recent quarterly groundwater monitoring and product recovery report in the site file for the above address is 4th Quarter of 1998. Please submit to this office the quarterly reports for 1999 within 10 days of the receipt of this letter. The 1st quarter 2000 should also be forwarded to this office when it becomes available.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,


Larry Sato
Sr. Hazardous Materials Specialist

Cc: James McCarty, Harding Lawson Associates, 383 4th Street, 3rd Floor,
Oakland, CA 94607
Files

4-18-2000

Met with John Brall, Port of Oakland and James McCarty, Harding Lawson ASS. The Port is going to do surface improvement (installing railroad tracks) in the area of MW-8. They want to decommission MW-8 and replace it with a replacement well approx. 30' downgradient from the source. McCarty will submit a site map identifying the proposed location of the replacement well.

John Brall said the Port of Oakland own 2225 and 2277-7th St. He claims the former tenant at 2225 caused the ~~the~~ contamination detected at 2277-7th St. Brall said the contamination detected in the groundwater below the UG.T.s that ^{were} removed from 2277-7th St. was diff. than what was stored in the tanks. The contaminants in the groundwater was similar to what was stored in the UGT at 2225 7th St.

Brall also claims the g.w. flows from 2225 to 2277-7th St., Cal.

4-2-99

John Levi @ 1-888-790-7690 performed a site search, and my notes from my last conversation with the Port of Oak was missing. He will send me a copy of the notes.

2-26-99

Met with Kent O'Brien of Arcadis Geraghty & Miller. His company is the consultant for the Port of Oakland. The Port owns the properties at 2225-7th St and 2277-7th St, Oak.

The Port is going to take back these two properties within a year or two and use it for parking and storage of containers. The Port wants to know what our office is going to require to get case closure for these two sites.

The Port wants to negotiate a prepay amount the tenants may have to pay if the site is not cleaned up before they leave. I told O'Brien, at a minimum, the ground at the two sites must be decontaminated, no floating products, and if ~~any~~ contamination still exist in the soil and/or groundwater, a risk assessment using Tier I or Tier II will ~~be~~ be required.

ARCADIS GERAGHTY & MILLER



KENT O'BRIEN, RG
Senior Scientist

ARCADIS Geraghty & Miller, Inc.
1050 Marina Way South
Richmond, California 94804
Tel 510.233.3200 Fax 510.233.3204
Direct/Voice 510.918.1977
Email kobrien@gmgw.com

Post-it brand fax transmittal memo 7671 # of pages 1

To	Larry Seto	From	
Co.	ACEHD	Co.	
Dept.		Phone #	
Fax #	510-337-9335	Fax #	

2-26-99

Met with Kent O'Brien of Arcadis Geraghty & Miller. His company is the consultant for the Port of Oakland. The Port owns the properties at 2225-7th St and 2277-7th St, Oak. The Port is going to take back the two projects within a year or two and use it for parking and storage of containers. The Port wants to know what our office is going to require to get case closed for these two sites. The Port wants to negotiate a payoff amount the tenants may have to pay if the site is not cleaned up before they leave. I told O'Brien, at a minimum, the plume at the two sites must be defined & no floating products, ~~and~~ by ~~plume~~ contamination still exist in the soil and/or groundwater, a risk assessment using Tier I or Tier II ~~will~~ be required.

ARCADIS GERAGHTY & MILLER


KENT O'BRIEN, HG
Senior Scientist

ARCADIS Geraghty & Miller, Inc.
1050 Marina Way South
Richmond, California 94804
Tel 510.233.3200 Fax 510.233.3204
Direct/Voice 510.918.1977
Email kobrien@gmgw.com

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



September 24, 1998

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

Mr. John Prall
Port of Oakland
530 Water Street
Jack London Square
P.O. Box 2064
Oakland, CA 94604-2064
STID 3899

RE: 2277-7th Street, Oakland, CA

Dear Mr. Prall:

I have reviewed your Groundwater Monitoring, Sampling and Product Removal System O & M Report dated July 21, 1998 that was prepared by Innovative Technical Solutions, Inc. Commencing with the next round of groundwater sampling, please have your analytical laboratory test for the presence of Methyl-Tert Butyl Ether (MTBE).

If you have any questions, please contact me at (510) 567-6774.

Sincerely,


Larry Seto
Sr. Hazardous Materials Specialist

Cc: Leroy Griffin, City of Oakland Fire
Files



PORT OF OAKLAND

ENVIRONMENTAL
PROTECTION

98 MAY 21 PM 4:06

May 20, 1998

Mr. Larry Seto
Senior Hazardous Materials Specialist
Alameda County Environmental Protection (LOP)
1131 Harbor Bay Parkway, Room 250
Alameda, CA 94502-6577

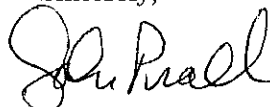
**SUBJECT: PRODUCT RECOVERY SYSTEM
2277 7TH STREET, OAKLAND
STID # 3899**

Dear Mr. Seto:

In response to your request of May 12, the product only recovery system located at 2277 Seventh Street received maintenance on Tuesday, April 28, 1998. The system is now recovering approximately 60 gallons of product per day.

If you have any questions, please contact me at (510) 272-1373.

Sincerely,



John Prall, R.G.

Associate Environmental Scientist

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 12, 1998

Mr. John Prall, R.G.
Port of Oakland
530 Water Street
Jack London Square
P.O. Box 2064
Oakland, CA 94604-2064
STID 3899

RE: 2277 7th Street, Oakland, CA

Dear Mr. Prall:

I have reviewed your Fourth Quarter 1997 Groundwater Monitoring and Sampling Report dated March 17, 1998 that was prepared by Innovative Technical Solutions, Inc. The report recommended maintenance be performed on both the passive and active skimmer systems at the above site. Please inform this office within 30 days when the maintenance work was performed, and the current status of the product removal system.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,


Larry Seto
Sr. Hazardous Materials Specialist

Cc: Files

4-28-98

John Prall, Port of Oakland said he will send me a history and background of the site. He informed me today that MW-8, at the floodline of the Navy property had floating product ranging from 2" to 2'. His consultant thinks the product is bunker fuel. The barge wouldn't go thru it. MW-3 has approx 5' of floating product. A barge has a tank farm approx. 150' from MW-3, and Prall said the gradient is moving from the tanks tank farm toward MW-3.



PORT OF OAKLAND

April 22, 1998

Mr. Larry Seto
Senior Hazardous Materials Specialist
Alameda County Environmental Protection (LOP)
1131 Harbor Bay Parkway, Room 250
Alameda, CA 94502-6577

STID 3899

98 APR 28 AM 8:37

ENVIRONMENTAL
PROTECTION

**SUBJECT: FOURTH QUARTER 1997
 GROUNDWATER MONITORING AND SAMPLING REPORT
 2277 7TH STREET, OAKLAND
 STID # 3899**

Dear Mr. Seto:

Please find enclosed a copy of the *Groundwater Monitoring, Sampling and Product Removal System O&M Report, 2277 Seventh Street, Oakland, California*, prepared on the behalf of the Port of Oakland by Innovative Technical Solutions, Inc. (ITSI). The report, dated March 17, 1998, addresses groundwater monitoring and sampling and product recovery activities that were performed by ITSI at Building C-401, 2277 7th Street, Oakland, California.

If you have any questions, please feel free to contact me at 272-1373.

Sincerely,

John Prall, R.G.

Associate Environmental Scientist

Enclosure

cc: Neil Werner



ENVIRONMENTAL
PROTECTION

PORT OF OAKLAND

00 11/27 AM 9:00

January 21, 1998

Mr. Larry Seto
Senior Hazardous Materials Specialist
Alameda County Environmental Protection (LOP)
1131 Harbor Bay Parkway, Room 250
Alameda, CA 94502-6577

**SUBJECT: THIRD QUARTER 1997
GROUNDWATER MONITORING AND SAMPLING REPORT
2277 7TH STREET, OAKLAND
STID # 3899**

Dear Jennifer:

Please find enclosed a copy of the *Quarterly Groundwater Monitoring Report: Third Quarter 1997, Building C-401, 2277 Seventh Street, Oakland, California, STID #3899*, prepared on the behalf of the Port of Oakland by Uribe and Associates (Uribe). The report, dated October 24, 1997, addresses groundwater monitoring and sampling and product recovery activities that were performed by Uribe at Building C-401, 2277 7th Street, Oakland, California.

If you have any questions, please feel free to contact me at 272-1373.

Sincerely,

John Prall, R.G.

Associate Environmental Scientist

Enclosure

cc: (w/enclosure): Don Ringsby, Dongary Investments
(w/o enclosure): Neil Werner

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



January 7, 1998
STID 3899

re: 2277 7th St., Oakland, CA 94607

John Prall
Port of Oakland, Environmental Dept.
530 Water St., 5th Floor
Oakland, CA 94607

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

1-9-98

*Dept mess. on Tom's voicemail
↓ Don't have the file.*

Dear John Prall:

This office has received and reviewed Quarterly Groundwater Monitoring Reports for the Fourth Quarter 1996, dated March 10, 1997 and for the Second Quarter 1997, dated August 7, 1997, for the above site. Both reports are by Uribe & Associates. The following are comments concerning these reports:

1. There is still free product in some wells, so monitoring and removal with the active and passive skimmer should continue.
2. Although contaminate levels in some wells, and for some contaminants, have increased, the systems seem to be working and controlling the plume. 1,588 gallons is a great deal of product removal. Please continue remediation and report submittal.

This site will be overseen by Larry Seto, who you may call with any questions at (510) 567-6774.

Sincerely,

Thomas F. Peacock, Manager
Division of Environmental Protection

c: Douglas I. Sheeks, Uribe & Associates, 2930 Lakeshore Ave.,
Suite 200, Oakland, CA 94610-3614
Dick Pantages, Chief - files
LeRoy Griffin, City of Oakland Hazardous Materials



PORT OF OAKLAND

ENVIRONMENTAL
PROTECTION
97 AUG 11 PM 4:31

STID

3899

August 7, 1997

Ms. Jennifer Eberle
Hazardous Materials Specialist
Alameda County Environmental Protection Division
1131 Harbor Bay Parkway, Room 250
Alameda, CA 94502-6577

**SUBJECT: SECOND QUARTER 1997
GROUNDWATER MONITORING AND SAMPLING REPORT
2277 7TH STREET, OAKLAND
STID # 3899**

Dear Jennifer:

Please find enclosed a copy of the *Quarterly Groundwater Monitoring Report: Second Quarter 1997, Building C-401, 2277 Seventh Street, Oakland, California, STID #3899*, prepared on the behalf of the Port of Oakland by Uribe and Associates (Uribe). The report, dated July 30, 1997, addresses groundwater monitoring and sampling and product recovery activities that were performed by Uribe at Building C-401, 2277 7th Street, Oakland, California.

If you have any questions, please feel free to contact me at 272-1373.

Sincerely,

John Prall, R.G.

Associate Environmental Scientist

Enclosure

cc (w/enclosure): Don Ringsby, Dongary Investments
(w/o enclosure): Neil Werner

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



October 8, 1996
STID 3899
page 1 of 2

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

Attn: John Prall
Port of Oakland
Environmental Department
530 Water Street, 5th Floor
Oakland, CA 94607

RE: 2277-7TH STREET, BUILDING C-401, OAKLAND CA 94607

Dear Mr. Prall,

Since my last letter to the Port (attn: Dan Schoenholz), dated 8/3/95, the following documents have been received:

- 1) letter from the Port dated 8/9/95, with attached invoices and manifests for fuel recovered from Mws;
- 2) "Groundwater Monitoring and Sampling Report, Third and Fourth Quarter 1995," prepared by Alisto, dated 1/31/96;
- 3) "Site Investigation Report," prepared by Alisto, dated January 1996;
- 4) "Groundwater Monitoring and Sampling Report, First Quarter 1996," prepared by Alisto, dated 3/29/96; and
- 5) "Groundwater Monitoring and Sampling Report, Second Quarter 1996," prepared by Alisto, dated 5/31/96.

The January 1996 "Site Investigation Report" documents the installation of eleven soil borings in May 1995 and five additional monitoring wells in August 1995. Please note that the boring log for MW6 was not included. All eight wells are being monitored quarterly; three contain free product; five wells are being sampled quarterly.

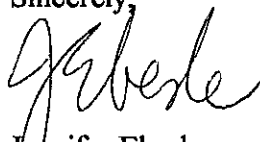
The 5/31/96 quarterly report indicates that free product is not decreasing. The data is tabulated in Table 2, and includes 6/30/94 to 8/1/96. During this time, the Port has been bailing free product from three wells (MW1, MW3, and MW8). As per our telecon on 9/12/96, the Port is changing consultants, and plans to utilize an automatic skimmer in MW3 to remove the free product on a continuous basis. The other two wells will be equipped with a collection device, which will not

October 8, 1996
STID 3899
page 2 of 2
Attn: John Prall

operate automatically like that in MW3. The equipment should be installed in mid-November 1996. We agreed that free product would be bailed in the interim.

Please contact me at 510-567-6761 should you have any questions.

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

cc: Don Ringsby, Dongary Investments, PO Box 7240, Denver CO 80207
Jaff Auchterlonie, Groundwater Technology Inc., 1401 Halyard Dr., Ste 140, W.
Sacramento CA 94591
Kevin Graves, RWQCB
Jennifer Eberle/file

je 3899-E



PORT OF OAKLAND

August 9, 1995

Jennifer Eberle
Hazardous Materials Specialist
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

Dear Ms. Eberle:

SUBJECT: RECEIPTS FOR WASTE OIL PICKUP AT BUILDING C-401, 2277 7TH ST.

Enclosed please find invoices and manifests for fuel recovered from wells at 2277 7th St.

The invoices and manifests cover pickups which occurred on April 28, May 19, May 31, and July 26, 1995.

If you have any questions, please feel free to contact me at 272-1220.

Sincerely,

Dan Schoenholz
Associate Environmental Scientist

Enclosures

ds\wp51\files\anr\shipper13.ltr

95 AUG 17 PM 2:22
ENVIRONMENTAL



WASTE OIL RECOVERY

ENVIRONMENTAL MANAGEMENT

INVOICE
№ 22922

6401 LEONA STREET OAKLAND, CA 94605 (510) 533-0751 FAX: (510) 533-0750

SOLD TO:
DILLARD ENVIRONMENTAL

SHIPPED FOR:
PORT OF OAKLAND
2277 7th S.
OAKLAND, CA

CUSTOMER'S ORDER:	SALESMAN: <u>MF</u>	TERMS: <u>NET 30</u>	SHIPPED VIA: <u>OIL TR</u>	E.P.A.-CAD000820010	DATE: <u>4/28/95</u>
DESTINATION: <input type="checkbox"/> EVERGREEN ENVIRONMENTAL 800 972-4284	<input type="checkbox"/> REFINERIES SERVICE 800 874-4444		<input checked="" type="checkbox"/> DEMENNO-KERDOON 510 537-7100		

<u>REMOVAL OF WASTE FUEL AND WATER</u>			
<u>GALLONS 400</u>			
<u>MANIFEST 93730409</u>			
<u>CHLORIDES 0-250 PPM</u>			
<u>DUE THIS SERVICE CALL</u>			
<u>1) TRUCK TIME AND LABOR</u>			<u>\$ 240.00</u>
<u>2) GALLONS 400 @</u>	<u>1.00</u>		<u>140.00</u>
<u>TOTAL DUE</u>			<u>\$ 380.00</u>

THIS DOCUMENT IS A CONTRACT AND IS LEGALLY BINDING. PAYMENT IS REQUIRED UNDER THIS CONTRACT. IF PAYMENT IS NOT MADE WASTE OIL RECOVERY SYSTEMS, INC. HAS THE RIGHT TO PLACE A LIEN UPON YOUR REAL PROPERTY AND FORECLOSE UPON THE PROPERTY. YOUR ACCEPTANCE OF SERVICES UNDER THIS CONTRACT WILL BIND YOU TO ALL OF THE TERMS AND CONDITIONS OF THIS CONTRACT. THESE TERMS AND CONDITIONS INCLUDE THOSE ON THE REVERSE SIDE. PLEASE READ BOTH SIDES OF THIS CONTRACT CAREFULLY BEFORE SIGNING. IF YOU DO NOT UNDERSTAND THIS CONTRACT SEE AN ATTORNEY BEFORE SIGNING.

SIGNATURE: _____ DATE: _____

FROM : "WASTE OIL RECOVERY SYS., INC." PHONE NO. : 510 533 0750

P03

State of California—Environmental Protection Agency
 Form Approved CMS No. 2080-0089 (Expires 9-30-94)
 Please print or type. Form designed for use on other (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
 Sacramento, California

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-9302. WITHIN CALIFORNIA, CALL 1-800-852-7350

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CAD00006265153101409	Manifest Document No.	2. Page 1 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address WASTE OIL RECOVERY SYSTEMS, INC. 6101 LEONA STREET OAKLAND, CA 94605		6. US EPA ID Number		93730408		
5. Transporter 1 Company Name WASTE OIL RECOVERY		6. US EPA ID Number CAD0000626515		431164		
7. Transporter 2 Company Name		8. US EPA ID Number		5105330750		
9. Designated Facility Name and Site Address ALVISO INDEPENDENT OIL 5002 ARCHER STREET ALVISO, CA 95007		10. US EPA ID Number CAL000048571		40272775		
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) USED OILS, NON RCRA HAZARDOUS WASTE, LIQUID		12. Container No.	13. Container Type	15. Total Quantity	14. Unit (lb/gal)	
				00111100900 G		
13. Special Handling Instructions and Additional Information WASTE OIL AND WATER		14. Handling Codes for Wastes Listed Above 01				
15. Special Handling Instructions and Additional Information WEAR PERSONAL PROTECTIVE EQUIPMENT 24 HOUR EMERGENCY 510 533 0750 ERG # 27						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this shipment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name ANTHONY FALCON		Signature <i>[Signature]</i>		Month Day Year 04 28 95		
17. Transporter 1 Acknowledgment of Receipt of Materials Printed/Typed Name MONICA FALCON		Signature <i>[Signature]</i>		Month Day Year 04 28 95		
18. Transporter 2 Acknowledgment of Receipt of Materials Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space						
20. Facility Owner or Generator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name		Signature		Month Day Year		

DO NOT WRITE BELOW THIS LINE.



WASTE OIL RECOVERY

ENVIRONMENTAL MANAGEMENT

INVOICE
No. 23152

6401 LEONA STREET OAKLAND, CA 94605 (510) 533-0751 FAX: (510) 533-0750

SOLD TO:

DILLARD ENVR

SHIPPED TO:

SEA-LAND PORT-OAK
2777 W 7th St
OAKLAND

CUSTOMER'S ORDER:	SALESMAN: <u>TF</u>	TERMS: <u>1/30</u>	SHIPPED VIA: <u>J</u>	E.P.A.-CAD000898516 DQ.I.S.-843	DATE: <u>5-14-95</u>
DESTINATION:	<input type="checkbox"/> EVERGREEN ENVIRONMENTAL 800 972-5284	<input type="checkbox"/> REFINERIES SERVICE 800 874-4444	<input type="checkbox"/> DEMENNO-KERDOON 310 537-7100		
REMOVAL OF WASTE OILS, FUELS & H ₂ O FROM SITE AS PER ORDER					
DONS 4 93730445					
DRAINS - 300' (7x35)					
EXHURDAS - 0.250 PPA					
DUE THIS SERVICE IS AS FOLLOWS:					
1) VEHICLE MAINTENANCE (DAILY)					285.00
2) MATERIAL HANDLING					105.00
					TOTAL 390.00

THIS DOCUMENT IS A CONTRACT AND IS LEGALLY BINDING. PAYMENT IS REQUIRED UNDER THIS CONTRACT. IF PAYMENT IS NOT MADE WASTE OIL RECOVERY SYSTEMS, INC. HAS THE RIGHT TO PLACE A LIEN UPON YOUR REAL PROPERTY AND FORECLOSE UPON THE PROPERTY. YOUR ACCEPTANCE OF SERVICES UNDER THIS CONTRACT WILL BIND YOU TO ALL OF THE TERMS AND CONDITIONS OF THIS CONTRACT. THESE TERMS AND CONDITIONS INCLUDE THOSE ON THE REVERSE SIDE. PLEASE READ BOTH SIDES OF THIS CONTRACT CAREFULLY BEFORE SIGNING. IF YOU DO NOT UNDERSTAND THIS CONTRACT SEE AN ATTORNEY BEFORE SIGNING.

FROM : "WASTE OIL RECOVERY SYS., INC." PHONE NO. : 510 533 0750

F01

State of California—Environmental Protection Agency
 Form Approved OMB No. 2050-0029 (Expires 9-30-94)
 Please print or type. Form designed for use on either (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
 Sacramento, California

Information in the shaded areas is not required by Federal law.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

3. Page 1

RA00006266265113041151

93730445

2. Generator's Name and Mailing Address

510 WASTE OIL RECOVERY
 5330750 6101 LEXINGTON

4. Generator's Phone

04141410 71110

5. Transporter 1 Company Name

6. US EPA ID Number

WASTE OIL RECOVERY RA0000626626511

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ALVISO OIL
 5002 PARKER

10. US EPA ID Number

11. US DOT Description (including proper shipping name, hazard class, and ID number)

a. USED OILS, NON HERRA

b. HAZARDOUS WASTE LIQUID

DRY TIR OR OSG P

12. Containers No. Type

13. Total Quantity

14. Unit wt/Vol

14. Hazardous Materials (List A/B/C/D)
 HAZ WASTE OILS of H2O

K. Handling Codes for Wastes Listed Above

a. 01

15. Special Handling Instructions and Additional Information

TR0627
 P.P.E.
 211414 WONG 510 533 0750

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this commitment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future waste management method that is available to me and that I can afford.

Printed/Typed Name

Signature

Month Day Year

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name

Signature

Month Day Year

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7530



WASTE OIL RECOVERY

ENVIRONMENTAL MANAGEMENT

INVOICE

No 23161

6401 LEONA STREET OAKLAND, CA 94605 (510) 533-0751 FAX: (510) 533-0750

SOLD TO:

DILLARD ENVIRONMENTAL

SHIPPED FOR

Port of Oakland
Western Aerospace Museum

2

CAL 000137592

CUSTOMER'S ORDER: <u>P.O. # 09-201-75</u>	SALESMAN: <u>ME</u>	TERMS: <u>NET 30</u>	SHIPPED VIA: <u>OIL IN</u>	E.P.A.-6200000000 <u>NO.H.S.-843</u>	DATE: <u>5/31/95</u>
DESTINATION: <input type="checkbox"/> EVERGREEN ENVIRONMENTAL 800 972-5284		<input type="checkbox"/> REFINERIES SERVICE 800 874-4444		<input checked="" type="checkbox"/> DEMENNO-KERDOON 310 537-7100	

<u>REMOVAL OF WASTE OIL AND WATER</u>			
<u>GALLONS 50</u>			
<u>MANIFEST 93730448</u>			
<u>CHLORIDES 0-250 PPM</u>			
<u>DUE THIS SERVICE CALL</u>			
<u>1) TRUCK TIME AND LABOR</u>		<u>\$ 145.00</u>	
<u>2) GALLONS 50 @ 80+gal</u>		<u>40.00</u>	
		<u>\$ 185.00</u>	
	<u>TOTAL DUE</u>		

THIS DOCUMENT IS A CONTRACT AND IS LEGALLY BINDING. PAYMENT IS REQUIRED UNDER THIS CONTRACT. IF PAYMENT IS NOT MADE WASTE OIL RECOVERY SYSTEMS, INC. HAS THE RIGHT TO PLACE A LIEN UPON YOUR REAL PROPERTY AND FORECLOSE UPON THE PROPERTY. YOUR ACCEPTANCE OF SERVICES UNDER THIS CONTRACT WILL BIND YOU TO ALL OF THE TERMS AND CONDITIONS OF THIS CONTRACT. THESE TERMS AND CONDITIONS INCLUDE THOSE ON THE REVERSE SIDE. PLEASE READ BOTH SIDES OF THIS CONTRACT CAREFULLY BEFORE SIGNING. IF YOU DO NOT UNDERSTAND THIS CONTRACT SEE AN ATTORNEY BEFORE SIGNING.

SIGNATURE: [Signature]

DATE: 5/31/95

Printed on recycled paper

WHITE - WASTE OIL FILE, YELLOW - CUSTOMER PAYMENT COPY, PINK - WASTE OIL CREDIT, GOLD - CUSTOMER FILE

FROM : "WASTE OIL RECOVERY SYS., INC." PHONE NO. : 510 533 7500

State of California--Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-94)
Metric print as type. Form designed for use on a line (12-pitch) typewriter.

See instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAL0001375723104418
Manifest Document No. 101
2. Page 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
WASTE OIL RECOVERY SYSTEMS, INC.
6401 LEONA STREET
4. Generator's Phone (510) 533-7500 OAKLAND, CA 94605

State Manifest Document Number 93730448
5. State Generator's ID

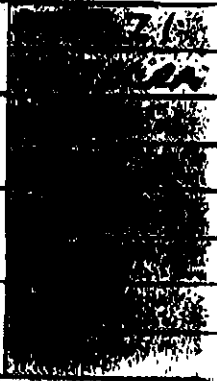
6. Transporter 1 Company Name WASTE OIL RECOVERY
7. Transporter 2 Company Name
8. US EPA ID Number
9. US EPA ID Number

C. State Transporter's ID 431164
D. Transporter's Phone 510 533 0750
E. Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
ALVISO INDUSTRIAL REFINERY OIL
5502 ARCHER STREET P.O. BOX 1274
ALVISO, CA 95002
10. US EPA ID Number CAL0001375723104418

G. State Facility's ID
H. Facility's Phone 408 262 2715

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers		13. Total Quantity	14. Unit Wt/Vol	15. Waste Number
	No.	Type			
a. USED OIL, NON REFINED HAZARDOUS WASTE, LIQUID	001	TIT005D	G		
b.					
c.					
d.					



16. Additional Descriptions for Materials Listed Above
16a.) WASTE OIL AND WATER

K. Handling Codes for Wastes Listed Above
a. 01
b.
c.
d.

17. Special Handling Instructions and Additional Information
WEAR PERSONAL PROTECTIVE EQUIPMENT
24 HOUR EMERGENCY 510 533 0750
FRG # 27

18. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name ANTHONY M. FALCON
Signature

Month Day Year 05 31 95

17. Transporter 1 Acknowledgment of Receipt of Material
Printed/Typed Name MONICA FALCON
Signature

Month Day Year 05 31 95

18. Transporter 2 Acknowledgment of Receipt of Material
Printed/Typed Name
Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name
Signature

Month Day Year

DO NOT WRITE BELOW THIS LINE.

FROM : "WASTE OIL RECOVERY SYS., INC." PHONE NO. : 510 533 0750

P01



WASTE OIL RECOVERY

ENVIRONMENTAL MANAGEMENT

INVOICE

No 23761

6401 LEONA STREET OAKLAND, CA 94605 (510) 533-0751 FAX: (510) 533-0750

SOLD TO:

DILLARD

SHIPPED TO:

PORT - OAKLAND (SEA-LAND)
7th ST
OAKLAND

CUSTOMER'S ORDER:	SALESMAN: <u>TF</u>	TERMS: <u>1/30</u>	SHIPPED VIA: <u>3</u>	E.P.A.-CAD000628518 D.O.I.S.-843	DATE: <u>7-26-95</u>
DESTINATION:	<input type="checkbox"/> EVERGREEN ENVIRONMENTAL 800 972-3284	<input type="checkbox"/> REFINERIES SERVICE 800 874-4444	<input type="checkbox"/> DEMENNO-KERDOON 310 537-7100		
<u>REMOVAL OF WASTE OILS, DIESEL</u>					
<u>160 FROM DRAINS ON PREMISES</u>					
<u>AS PER ORDER</u>					
<u>DONS 93730547</u>					
<u>DRAINS 300 (7 YRS)</u>					
<u>CHIMNEYS - 0-250 PPM</u>					
<u>DUE TO HIS SCHEDULE CALL -> 390</u>					

THIS DOCUMENT IS A CONTRACT AND IS LEGALLY BINDING. PAYMENT IS REQUIRED UNDER THIS CONTRACT. IF PAYMENT IS NOT MADE WASTE OIL RECOVERY SYSTEMS, INC. HAS THE RIGHT TO PLACE A LIEN UPON YOUR REAL PROPERTY AND FORECLOSE UPON THE PROPERTY. YOUR ACCEPTANCE OF SERVICES UNDER THIS CONTRACT WILL BIND YOU TO ALL OF THE TERMS AND CONDITIONS OF THIS CONTRACT. THESE TERMS AND CONDITIONS INCLUDE THOSE ON THE REVERSE SIDE. PLEASE READ BOTH SIDES OF THIS CONTRACT CAREFULLY BEFORE SIGNING. IF YOU DO NOT UNDERSTAND THIS CONTRACT SEE AN ATTORNEY BEFORE SIGNING.

7-26-95

WHITE WASTE OIL FILE YELLOW - CUSTOMER PAYMENT COPY PINK - WASTE OIL CREDIT GOLD - CUSTOMER FILE

State of California - Environmental Protection Agency
 Form Approved OMB No. 2050-0009 (Expires 9-30-94)
 Please print or type. Form designed for use on either (English) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
 Sacramento, California
 Information in the shaded areas is not required by Federal law.

33730547
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-9802; WITHIN CALIFORNIA, CALL 1-800-832-7550

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.		2. Page 1 of 1
3. Generator's Name and Mailing Address 510 WASTE OIL RECOVERY		CALIFORNIA 30552 2015/1/7		A. State Manifest Document Number 93730547	
4. Generator's Phone 703 0750		0401 LEOPARD ST CANTON, CA 94605		B. State Generator's ID	
5. Transporter 1 Company Name		6. US EPA ID Number		C. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 421165	
9. Designated Facility Name and Site Address 1-26150 OIL 5002 ARCHER ALISO VIEJO		10. US EPA ID Number		E. State Transporter's ID S10530750	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Commodity		13. Total Quantity	
a. USED OILS NON HAZ		No. Type		14. Unit Wt/Vol	
b. HAZARDOUS WASTE LIQUID		001 TT 9/340 9		267 215	
c.					
d.					
11. a.) WASTE OILS 9/420		K. Handling Codes for Wastes Listed Above		a. 01	
13. Special Handling Instructions and Additional Information L226 27 WOPS 24 HOUR 510530750 P.P.F.				b.	
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.				c.	
Printed/Typed Name A. T. Allen		Signature A. T. Allen		Month Day Year 07 26 95	
17. Transporter 1 Acknowledgment of Receipt of Materials Printed/Typed Name A. T. Allen		Signature A. T. Allen		Month Day Year 07 26 95	
18. Transporter 2 Acknowledgment of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Generator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name		Signature		Month Day Year	

DO NOT WRITE BELOW THIS LINE.

DILLARD ENVIRONMENTAL SERVICES

A Division of Dillard Trucking, Inc.

P.O. Box 218

Byron, CA 94514

Tel #: (510) 634-6850 Fax #: (510) 634-0569

Facsimile Transmittal

Attn: Dan Schoenholz

Date: 8/8/95

Company: Port of Oakland

Fax#: ()

From the office of: ***Ed Castro - Project Manager***

Total Number of Pages (including cover sheet)

9

- | | | | |
|-------------------------------------|---------------------------------|--------------------------|-------------------------|
| <input checked="" type="checkbox"/> | Call if you have any questions | <input type="checkbox"/> | Review, Sign & FAX back |
| <input type="checkbox"/> | Original to follow via mail | <input type="checkbox"/> | Per Your Request |
| <input type="checkbox"/> | Enter for Review and Acceptance | <input type="checkbox"/> | Other (See Message) |

RE: Here are the back issues of
manifest & invoices that you requested
from Waste Oil & Recovery.

This facsimile transmission is intended only for the addressee shown above. It may contain information that is privileged, confidential or otherwise protected from disclosure. Any review, dissemination or use of this transmission or its contents by persons other than the addressee is strictly prohibited.

If you have received this transmission in error, please notify us immediately by telephone and mail the original to us at the address listed above. Thank You.

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, DIRECTOR

August 3, 1995
STID 3899

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

Dan Schoenholz
Port of Oakland
Environmental Department
530 Water Street, 5th Floor
Oakland, CA 94607

RE: 2277-7TH STREET, BUILDING C-401, OAKLAND CA 94607

Dear Mr. Schoenholz:

I am in receipt of your letter dated 7/26/95, with the attached tables of soil and groundwater results, and the site plan indicating locations of proposed monitoring wells. **This proposal, along with the "Work Plan for Supplemental Site Investigation," prepared by Alisto Engineering Group, dated 3/30/95, is acceptable for implementation.**

Please note that well development should occur a minimum of 72 hours after well construction, as per Section 2649 of 23 CCR (the UST regulations). Please notify me at least 2 business days in advance of field activities. Please contact me at 510-567-6761 should you have any questions.

Sincerely,

A handwritten signature in cursive script, appearing to read 'J Eberle'.

Jennifer Eberle
Hazardous Materials Specialist

cc: Don Ringsby, Dongary Investments, PO Box 7240, Denver CO 80207
Neil Werner, Port of Oakland, 530 WATER St., Oakland CA 94607
Brady Nagle, Alisto, 1575 Treat Blvd., Suite 201, Walnut Creek CA
Jaff Auchterlonie, Groundwater Technology Inc., 1401 Halyard Dr., Ste 140, W.
Sacramento CA 94591
Kevin Graves, RWQCB
Gil Jensen, Alameda County District Attorney's Office
Bill Reynolds/file

je 3899-D



PORT OF OAKLAND

July 26, 1995

Jennifer Eberle
Hazardous Materials Specialist
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

Dear Ms. Eberle:

**SUBJECT: RESULTS OF SOIL AND GROUNDWATER SAMPLING, BUILDING C401,
2277 7TH ST. (Port Contract # 94265)**

Enclosed please find the results of soil and grab groundwater sampling conducted by Alisto Engineering at Building C-401, 2277 7th St.

Based on the data obtained, the Port is proposing to install five monitoring wells at the locations marked on the attached map. As described in Task 3 of the March 30, 1995, Work Plan for Supplemental Site Investigation, the Port requests County concurrence on the proposed well installations.

Also, in response to your request for documentation on the disposal of free product, I am still trying to obtain invoices and manifests from our contractor, Dillard Environmental Services. I will transmit the documentation to you as soon as I receive it.

If you have any questions, please feel free to contact me at 272-1220.

Sincerely,

Dan Schoenholz
Associate Environmental Scientist

Enclosure

cc(w/enclosure): Don Ringsby, Dongary Investments
(w/o enclosure): Brady Nagle, Alisto Engineering

ds\wp51\files\anr\shipper11.ltr

TABLE 1
 SUMMARY OF RESULTS OF SOIL SAMPLING
 BUILDING C-401
 2277 SEVENTH STREET
 PORT OF OAKLAND, CALIFORNIA
 ALISTO ENGINEERING PROJECT NO. 10-270

SAMPLE ID	SAMPLE DEPTH (feet)	DATE OF SAMPLING	TPH-G (mg/kg)	TPH-D (mg/kg)	TPH-O (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	LAB
SB-7	3.0	05/11/95	ND<0.3	ND<1	12	ND<0.005	0.006	ND<0.005	ND<0.005	CEC
SB-7	9.0	05/11/95	ND<0.3	ND<1	ND<4	ND<0.005	ND<0.005	ND<0.005	ND<0.005	CEC
SB-8	3.0	05/11/95	ND<0.3	ND<1	280	ND<0.005	ND<0.005	ND<0.005	0.005	CEC
SB-8	9.0	05/11/95	15 a	2	13	ND<0.005	ND<0.005	ND<0.005	ND<0.005	CEC
SB-9	3.0	05/11/95	2.2 a	ND<1	520	ND<0.005	ND<0.005	ND<0.005	ND<0.005	CEC
SB-9	9.0	05/11/95	18 a	230	300	ND<0.005	ND<0.005	ND<0.005	ND<0.005	CEC
SB-10	3.0	05/11/95	0.8 a	ND<1	340	ND<0.005	ND<0.005	ND<0.005	ND<0.005	CEC
SB-10	9.0	05/11/95	ND<0.3	ND<1	ND<4	ND<0.005	0.013	ND<0.005	ND<0.005	CEC
SB-11	9.0	05/11/95	ND<0.3	ND<1	14	ND<0.005	ND<0.005	ND<0.005	ND<0.005	CEC
SB-12	9.0	05/11/95	4.7 a	ND<1	10	ND<0.005	ND<0.005	ND<0.005	ND<0.005	CEC
SB-13	9.0	05/11/95	ND<0.3	ND<1	5	ND<0.005	ND<0.005	ND<0.005	ND<0.005	CEC
SB-14	6.0	05/11/95	40 a	1200	140	ND<0.005	ND<0.005	ND<0.005	ND<0.005	CEC
SB-15	6.0	05/11/95	ND<0.3	ND<1	ND<4	ND<0.005	ND<0.005	ND<0.005	ND<0.005	CEC
SB-16	6.0	05/11/95	130 a	170	120	ND<0.1	ND<0.1	ND<0.1	ND<0.1	CEC
SB-17	6.0	05/11/95	<u>1100</u> a	<u>14000</u>	ND<4	ND<0.5	ND<0.5	0.9	ND<0.5	CEC
SB-17	9.0	05/11/95	2.4 a	26	27	ND<0.005	ND<0.005	ND<0.005	ND<0.005	CEC

ABBREVIATIONS:

TPH-G Total petroleum hydrocarbons as gasoline
 TPH-D Total petroleum hydrocarbons as diesel (C10 to C20 range)
 TPH-O Total petroleum hydrocarbons as motor oil (C20 to C42 range)
 B Benzene
 T Toluene
 E Ethylbenzene
 X Total xylenes
 mg/kg Milligrams per kilogram
 ND Not detected at or above reported detection limit
 — Not analyzed
 CEC Clayton Environmental Consultants

NOTES:

(a) Sample appears to be weathered gasoline.

> 100 ppm TPH

TABLE 2

SUMMARY OF RESULTS OF GROUNDWATER SAMPLING
 BUILDING C-401
 2277 SEVENTH STREET
 PORT OF OAKLAND, CALIFORNIA

ALISTO ENGINEERING PROJECT NO. 10-270

SAMPLE ID	DATE OF SAMPLING	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	LAB
SB-7W	05/11/95	200	ND<50	6.7	0.3	ND<0.3	ND<0.4	CEC
SB-8W	05/11/95	7300	3400	ND<0.4	ND<0.3	ND<0.3	ND<0.4	CEC
SB-9W	05/12/95	29000	18000 (a)	ND<0.4	ND<0.3	ND<0.3	ND<0.4	CEC
SB-10W	05/12/95	1400 (b)	7400	ND<0.4	ND<0.3	ND<0.3	ND<0.4	CEC
SB-11W	05/11/95	970 (b)	1400	0.5	ND<0.3	ND<0.3	ND<0.4	CEC
SB-12W	05/11/95	ND<50	ND<50	ND<0.4	ND<0.3	ND<0.3	ND<0.4	CEC
SB-13W	05/12/95	130	ND<50	25	1.3	1.2	4.4	CEC
SB-16W	05/12/95	130	64 % Diesel 640,000 ppm	25	1.3	1.2	4.4	CEC
SB-17W	05/12/95	140000 (b)	43000	ND<40	ND<30	30	50	CEC
QC-1	05/12/95	ND<50	---	ND<0.4	ND<0.3	ND<0.3	ND<0.4	CEC

ABBREVIATIONS:

TPH-G Total petroleum hydrocarbons as gasoline
 TPH-D Total petroleum hydrocarbons as diesel (C10 to C20 range)
 B Benzene
 T Toluene
 E Ethylbenzene
 X Total xylenes
 ug/L Micrograms per liter
 ND Not detected at or above reported detection limit
 CEC Clayton Environmental Consultants

NOTES:

(a) Sample was a mixture of weathered gas, diesel, and oil.
 (b) Sample appears to be weathered gas.

EM10-270.10-270W1.WQ1

>1,000 ppb TPH

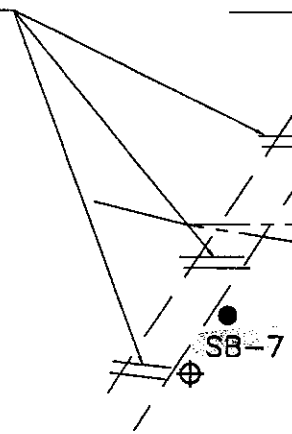
12-Jul-95

PAGE 2

$$\frac{10^5}{10^2} = \frac{X}{10^0}$$

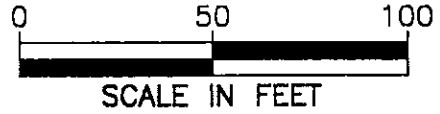
X = 640,000

CONCRETE OVERPASS
PIERS



SEAL
LEASE

S
SU



LEGEND

- ⊕ EXISTING PORT OF OAKLAND
GROUNDWATER MONITORING WELL
- ⊕ EXISTING DONGARY
GROUNDWATER MONITORING WELL
- EXISTING PORT OF OAKLAND
SOIL BORING LOCATION
- EXISTING DONGARY
SOIL BORING LOCATION
- ⊕ PROPOSED MONITORING WELL
LOCATION

**PROPOSED MONITORING WELL
LOCATIONS**

PORT OF OAKLAND
BUILDING C-401
2277 SEVENTH STREET
OAKLAND, CALIFORNIA

PROJECT NO. 10-270



ALISTO ENGINEERING GROUP
WALNUT CREEK, CALIFORNIA

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

January 17, 1995
STID 940

Dongary Investments
PO Box 7240
Denver CO 80207
Attn: Don Ringsby

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

Copy

RE: Nations Way Transport, 2225-7th St., Oakland CA 94607

Dear Mr. Ringsby,

I am in receipt of the non-hazardous waste manifests for the disposal of approximately 870 cubic yards of contaminated, stockpiled soil, under cover letter from ERM, dated 9/12/94.

I am also in receipt of the "Groundwater Monitoring and Sampling Report," prepared by Groundwater Technology Inc. (GTI), dated 9/20/94. This report documents groundwater monitoring and sampling activities conducted on 9/12/94. It appears that you have established a quarterly groundwater monitoring/sampling program, as requested in my last letter, dated 7/26/94.

Upon review of the data, it is likely that floating product lies on the groundwater table beneath the Dongary sublease. This is indicated by the discussion and the boring logs in the "Soil and Groundwater Site Assessment," prepared by Ramcon, dated 3/18/93. The three wells existing on the Dongary sublease do not adequately delineate both the dissolved and non-dissolved phases of the groundwater plume. Groundwater conditions closer to the potential source of contamination (UST excavation), as well as to the north and northeast of the UST excavation, need to be assessed. **Therefore, you are requested to submit a workplan for groundwater investigation in this area within 45 days, or by March 6, 1995.**

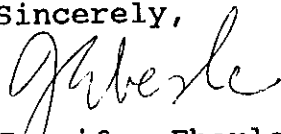
All work should adhere to a) the Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, dated 8/10/90; and b) Article 11 of Title 23, California Code of Regulations. Reports and proposals must be submitted **under seal** of a California-Registered Geologist, -Certified Engineering Geologist, or -Registered Civil Engineer.

Please note that with the exception of closure reports, routine reports and documents no longer need to be copied to the Regional Water Quality Control Board. Kindly submit a cover letter with your consultant's reports.

If you have any questions, please contact me at 510-567-6761; our fax is 510-337-9335. **PLEASE NOTE THAT OUR NEW ADDRESS IS 1131 HARBOR BAY PARKWAY, 2nd FLOOR, ALAMEDA CA 94502.**

Don Ringsby
January 17, 1995
STID 940
page 2 of 2

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

cc: Port of Oakland, 530 Water St., Oakland CA 94607, Attn:
Dan Schoenholz
Jaff Auchterlonie, Groundwater Technology Inc., 1401
Halyard Dr., Suite 140, W. Sacramento CA 95691
Bob Katin, Groundwater Technology Inc., 4057 Port Chicago
Hwy, Concord CA 94520
Kevin Graves, RWQCB
Gil Jensen, Alameda County District Attorney's Office
Ed Howell/file

je940-I

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

December 29, 1994
STID 3899

Dan Schoenholz
Port of Oakland
Environmental Department
530 Water Street, 5th Floor
Oakland, CA 94607

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: 2277 7TH STREET, BUILDING C-401, OAKLAND CA 94607

Dear Mr. Schoenholz:

I am in receipt of your December 27, 1994 request to discontinue free product recovery from wells located at the referenced site pending negotiation with Dongary Investments (Dongary) to cooperatively design and construct an automatic recovery system. We understand that the Port has already discontinued manual product recovery.

Please be advised that Section 2655 of Title 23, California Code of Regulations (CCR) requires the owner or operator of the subject tank site to remove free product to the maximum extent practical, as determined by the local agency. Such product removal shall continue in a fashion which minimizes the spread of contamination into previously uncontaminated areas. Please be aware that Section 2722 of Article 11, 23CCR, further requires the responsible party to implement interim remedial action (such as free product removal) to abate the actual or potential effects of an unauthorized release. Such may and should occur concurrently with any other phase of corrective action.

Therefore, pending successful negotiations with Dongary for the design, construction, and implementation of the cited automatic recovery system, this agency requires that interim manual product recovery continue on a weekly basis, at a minimum.

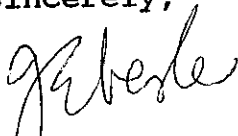
I will be contacting Mr. Kevin Graves of the San Francisco Bay Regional Water Quality Control Board (RWQCB) to discuss the technical merit of requiring a joint investigation and corrective action plan for the subject and adjoining Dongary sites. I anticipate that a subsequent meeting will be called with the Port, Dongary, RWQCB and this agency to craft a comprehensive, cooperative corrective action effort between the responsible parties.

Mr. Dan Schoenholz
STID 3899
December 29, 1994
Page 2 of 2

Lastly, please submit legible records documenting the appropriate disposal of the product recovered from the subject wells to date.

Please contact me at 510-567-6761 should you have any questions. For your information, our agency facsimile number is now 510-337-9335.

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

cc: Don Ringsby, Dongary Investments, PO Box 7240, Denver CO
80207
Neil Werner, Port of Oakland, 530 Water St., Oakland CA
94607
Gerry Slattery, Uribe, 2930 Lakeshore Ave, Oakland CA 94610
Jaff Auchterlonie, Groundwater Technology Inc., 1401
Halyard Dr., Ste 140, W. Sacramento CA 94591
Kevin Graves, RWQCB
Gil Jensen, Alameda County District Attorney's Office
Ed Howell/file

je 3899-B

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

August 30, 1994
STID 3899

Port of Oakland
530 Water St.
Oakland CA 94607
Attn: Dan Schoenholz

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: Building C-401, 2277-7th St., Oakland CA 94607

Dear Mr. Schoenholz,

I am in receipt of your letter dated 8/24/94, and the attached letter from Uribe dated 8/19/94. Your proposal to continue to recover free product from MW1 and MW3 is acceptable. My understanding is that a schedule for free product removal will be established once we have a better idea of the recharge rate.

If you have any questions, please contact me at 510-567-6700.

Sincerely,

Jennifer Eberle
Hazardous Materials Specialist

cc: Gerald Slattery, Uribe, 2930 Lakeshore Ave., Suite 200,
Oakland CA 94610
Kevin Graves, RWQCB
Gil Jensen, Alameda County District Attorney's Office
Ed Howell/file

je 3899-A



PORT OF OAKLAND

August 24, 1994

ALCO
HAZMAT

AUG 26 PM 3:49

Jennifer Eberle
Hazardous Materials Specialist
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, 2nd Floor
Alameda CA 94502

Dear Ms. Eberle:

SUBJECT: FREE PRODUCT REMOVAL AT 2277 7TH ST (Port Contract # 93394)

The purpose of this letter is to transmit results of free product removal from MW-3 and MW-1 at 2277 7th St., and to present the Port's proposal for further work at the site.

The Port has performed eight weeks of free product removal in response to your letter dated June 7, 1994. As documented in the attached letter dated August 19, 1994, from Gerard Slattery of Uribe & Associates to me, approximately 303 gallons of diesel have been removed from MW-3, and approximately 4.5 gallons of diesel have been removed from MW-1. However, significant amounts of free product remain in MW-3 and, to a lesser extent, in MW-1.

In order to address the presence of free product in MW-3, the Port proposes to use an air-powered product recovery pump to recover product. Bailing of product from MW-1 would occur simultaneously. Product would be stored in a Fire Department-approved drum storage complex prior to disposal.

We are ready to proceed with the enhanced product recovery system as soon as we receive your concurrence. If you have any questions, please feel free to contact me at 272-1220.

Sincerely,

Dan Schoenholz
Associate Environmental Scientist

Attachment

cc(w/attachment): Don Ringsby, Dongary Investments
Neil Werner
(w/o attachment): Gerard Slattery, Uribe & Associates
Terry Surel
James McGrath

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

80 Swan Way, #200
 Oakland, CA 94621
 (415) 271-4320

II, III

Site ID # _____ Site Name Bldg C-401 Today's Date 6/30/94

II.A BUSINESS PLANS (Title 19)

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

Site Address 2277 - 7th St.

City Oak Zip 94607 Phone _____

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

Inspection Categories:

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

II.B ACUTELY HAZ. MATLS

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

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

III. UNDERGROUND TANKS (Title 23)

- | | |
|-------------------------------|---|
| General | ___ 1. Permit Application 25284 (H&S) |
| | ___ 2. Pipeline Leak Detection 25292 (H&S) |
| | ___ 3. Records Maintenance 2712 |
| | ___ 4. Release Report 2651 |
| | ___ 5. Closure Plans 2670 |
| Monitoring for Existing Tanks | ___ 6. Method |
| | 1) Monthly Test |
| | 2) Daily Vadose
Semi-annual groundwater
One time soils |
| | 3) Daily Vadose
One time soils
Annual tank test |
| | 4) Monthly Groundwater
One time soils |
| | 5) Daily Inventory
Annual tank testing
Cont pipe leak det
Vadose/gndwater mon. |
| | 6) Daily Inventory
Annual tank testing
Cont pipe leak det |
| | 7) Weekly Tank Gauge
Annual tank testing |
| | 8) Annual Tank Testing
Daily Inventory |
| | 9) Other _____ |
| New Tanks | ___ 7. Precs Tank Test 2643
Date: _____ |
| | ___ 8. Inventory Rec. 2644 |
| | ___ 9. Soil Testing 2646 |
| | ___ 10. Ground Water. 2647 |
| | ___ 11. Monitor Plan 2632 |
| | ___ 12. Access. Secure 2634 |
| | ___ 13. Plans Submit 2711
Date: _____ |
| | ___ 14. As Built 2635
Date: _____ |

10:00 arrived onsite
 Comments:
 10:13 Uribe not here, so I phoned Port, then Uribe.
 10:30 Located Uribe onsite (Andy Meyer)
 MW-3 is being bailed. There is ~6' of product, or more accurately, an oily substance; likely diesel in any case. So we bailed MW-3, + put the diesel in a drum. The drum must be labeled properly.
 Approx. 10 gal diesel was bailed from MW-3 + ~~more~~ we weren't finished.
 Time to go.
 11:10 left site.

Rev 6/88

Contact: _____
 Title: _____
 Signature: Andy Meyer

Inspector: _____
 Signature: [Signature]

II, III



PORT OF OAKLAND

ALCO
HAZMAT

94 JUL -6 PM 1:45

June 29, 1994

Jennifer Eberle
Hazardous Materials Specialist
Alameda County Health Care Services Agency
80 Swan Way, Rm. 350
Oakland, CA 94621

Dear Ms. Eberle:

SUBJECT: FREE PRODUCT REMOVAL AT 2277 7TH ST (Port Contract # 93394)

This letter is in response to your letter dated June 7, 1994, to Don Ringsby and myself. In that letter, you directed the Port of Oakland and Dongary Investments to remove free product and perform weekly monitoring for free product in newly-installed groundwater monitoring wells at 2277 7th St.

Because the letter was addressed to both Mr. Ringsby and me, I contacted Mr. Ringsby to discuss the matter. He stated that Dongary Investments did not intend to perform the tasks outlined in your letter, and that he felt that these tasks were the Port's responsibility.

As I stated in my letter to you dated May 31, 1994, monitoring well MW-1 is upgradient of the Port's tanks given our current understanding of the groundwater gradient. Therefore, it appears that the floating product in MW-1 is coming from the Dongary Investments site. However, because the Port was named in your letter, and because Dongary Investments will not perform the work you directed, the Port has arranged to have the free product removed from the wells on June 30, 1994, and to perform subsequent weekly monitoring for free product. Verbal notice of our intent was provided to you on June 27, 1994.

If you have any questions, please feel free to contact me at 272-1220.

Sincerely,

Dan Schoenholz
Associate Environmental Scientist

Jennifer Eberle
2277 7th St.
June 29, 1994
Page 2

cc: Don Ringsby, Dongary Investments
Terry Surel
James McGrath
Neil Werner



URIBE & ASSOCIATES
ENVIRONMENTAL CONSULTING SERVICES



DATE 7/20
PAGES INCLUDING COVER PAGE 1

(If you did not receive any of these pages, please contact U&A immediately)

ATTENTION

phone #

Jennifer Eberle
337-2868

COMPANY

FAX #

Alameda County
337-9335

FROM

Oakland Palo Alto Bakersfield Livermore

SUBJECT/
COMMENTS:

Andy

I plan to bail the wells on 7/21 at 9:00.

- Original will not follow
- Original will follow via: _____

Code: _____

OAKLAND

2930 Lakeshore Ave., Suite 200, Oakland, CA 94610
Voice 510*832-2233 Modem 510*832-6690
FAX*832-2237

PALO ALTO

220 California Ave., Suite 201, Palo Alto, CA 94306
Voice 415*325-9195 Modem 415*325-9197
FAX-325-9194

BAKERSFIELD

110 New Stone Road, Suite E, Bakersfield, CA 93309
Voice 805*832-4226 Modem 805*832-0452
FAX*832-8745

LIVERMORE

Lawrence Livermore National Laboratory
DOE T-5974, 7000 East Ave., Livermore, CA 94550
510*422-0710
FAX*423-7601

ERM-West, Inc.

1777 Hotelho Drive
Suite 260
Walnut Creek, CA 94596
(510) 946-0455
(510) 946-9968 (Fax)

June 16, 1994

Ms. Jennifer Eberle
Hazardous Materials Specialist
Alameda County Health Care Services Agency
Department of Environmental Health
80 Swan Way, Room 350
Oakland, California 94621



SUBJECT: Dongary Investment Facility
2225 7th Street
Oakland, California

Dear Ms. Eberle:

As you know, ERM EnviroClean-West, Inc. (EnviroClean) has been retained by Dongary Investments, Ltd. (Dongary) to assist in remediation of the above referenced facility.

We received your letter dated June 7, 1994. We did not believe it was directed to Dongary Investments. Based on site characterization data collected by RAMCON, Dongary's previous consultant, no floating product has ever been observed in any of the three ground water monitoring wells installed on the Dongary facility. However, on Tuesday June 14, 1994, EnviroClean inserted a bailer in each of the three monitoring wells. Ground water recovered from these wells contained no floating product nor was there a sheen of petroleum hydrocarbons, or any odor of petroleum hydrocarbons.

Please continue to inform EnviroClean and Dongary of findings at the adjacent property. Please call me at (510) 946-0455 if you have any questions.

Sincerely,

ERM ENVIROCLEAN-WEST, INC.



Robert A. Katin PE, REA
Project Manager

RAK/car/2270

cc: Mr. Donald W. Ringsby, Dongary Investments, Ltd.

A Member of the Environmental
Resources Management Group

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

June 7, 1994
STID 3899 and 940

Port of Oakland
530 Water St.
Oakland CA 94607
Attn: Dan Schoenholz

Dongary Investments
PO Box 7240
Denver CO 80207
Attn: Don Ringsby

RE: ANR Freight, 2225-7th St., Oakland CA 94607 and
Building C-401, 2277-7th St., Oakland CA 94607

Dear Mr. Schoenholz and Mr. Ringsby,

I am in receipt of a letter from Mr. Schoenholz dated 5/31/94. This letter indicated that **up to approximately 6.88 feet of floating product was found in the newly installed monitoring wells at 2277-7th St.** These wells were installed by the Port subsequent to the removal and overexcavation associated with 4 USTs at Building C-401.

This letter is co-addressed to Dongary Investments because it appears that the groundwater plume from the ANR Freight site has not been fully defined. This plume appears to be heading in the direction of Building C-401. According to Plate 3 of the 3/18/93 "Soil and Groundwater Assessment" by Ramcon, BH-10 had 1800 ppm TPH-diesel at 5'bgs. The estimated limit of free product, as drawn on Plate 3, began at the diesel UST pit and headed northwest, then was depicted as ending abruptly at the USTs at Building C-401.

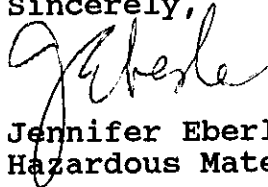
A remediation workplan prepared by ERM EnviroClean-West, dated 7/12/93, was received in this office on 7/14/93. It has not been implemented. However, I was informed by Mr. Schoenholz on 5/31/94 that the diesel UST pit was recently backfilled with soil provided by the Port. This was confirmed in a telephone conversation between myself and Bob Katin of ERM on 6/2/94. Mr. Katin also indicated that the contaminated stockpile is still onsite, pending lab results.

Therefore, you are required to remove the floating product in the wells immediately, and to submit documentation of this activity to this office within 10 days, or by June 17, 1994. In addition, you are required to monitor the wells for free product weekly, and to remove the free product as an interim remedial measure.

June 7, 1994
STID 3899 and 940
Dan Schoenholz
Don Ringsby
page 2 of 2

Legal authority comes from 23 CCR, Division 3, Chapter 16, Articles 5 and 11. **Please notify me at least 2 business days in advance of field activities.** This letter is being faxed to each of you today to ensure timeliness. If you have any questions, please contact me at 510-271-4530.

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

cc: Bob Katin, ERM EnviroClean-West, 1777 Botelho Dr., Suite
200, Walnut Creek CA 94596
Kevin Graves, RWQCB
Gil Jensen, Alameda County District Attorney's Office
Ed Howell/file

je

ALCO
HAZMAT
94 JUN-4. PM 1:49



PORT OF OAKLAND

May 31, 1994

Jennifer Eberle
Hazardous Materials Specialist
Alameda County Health Care Services Agency
80 Swan Way, Rm. 350
Oakland, CA 94621

Dear Ms. Eberle:

SUBJECT: WELL INSTALLATION AT 2277 7TH ST (Port Contract # 93394)

The purpose of this letter is to inform you of the Port's initial findings during installation of three monitoring wells at 2277 7th St.

On May 16 and 17, 1994, the Port's consultant, Uribe & Associates, installed three monitoring wells at the site. Well construction information and location was described in the Work Plan for Site Characterization Activities, Port of Oakland Building C-401, 2277 7th Street, Oakland, California approved by you by letter dated March 17, 1994. Attached is a figure from the workplan which shows the location of the three wells. *not here*

Initial measurements from the wells taken on May 26, 1994 using a MMC Interface Probe showed approximately 6.88 feet of floating product in MW-3. Approximately 0.18 feet of floating product were found in MW-1, while MW-2 contained no floating product.

As the attached figure shows, MW-3 is located in the presumed upgradient direction from the former location of the Port's underground storage tanks. MW-3 is also located directly in the path of the plume identified by Ramcon in its March 18, 1993, Soil & Groundwater Site Assessment of the Dongary Investments site at 2225 7th St. Therefore, it appears that the floating product found in MW-3 is a part of the contaminant plume from 2225 7th St. Floating product in MW-1 is also potentially due to the plume from 2225 7th St.

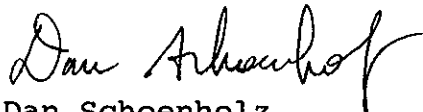
Samples taken in accordance with our workplan are currently being analyzed. Once analytical results are available, Uribe &

Jennifer Eberle
2277 7th St.
May 31, 1994
Page 2

Associates will prepare a report containing their findings, and I will forward it to you.

If you have any questions, please feel free to contact me at 272-1220.

Sincerely,



Dan Schoenholz
Associate Environmental Scientist

Attachment

cc: Don Ringsby, Dongary Investments
Terry Surel
James McGrath
Neil Werner



URIBE & ASSOCIATES
2930 LAKESHORE BLVD
SUITE TWO HUNDRED
OAKLAND, CALIFORNIA 94610
510 - 832 - 2233
FAX 510 - 832 - 2237

3809

ENVIRONMENTAL CONSULTING SERVICES

March 29, 1994

Ms. Jennifer Eberle
Alameda County Department of Environmental Health
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, California 94621

Subject: Response to Alameda County Comments Regarding Building C-401 Tank
Removal Report and Work Plan for Site Investigation

Dear Ms. Eberle:

Uribe & Associates has received a copy of your letter dated March 17, 1994 addressed to Neil Werner of the Port of Oakland (Port) regarding the proposed work plan for the installation of three monitoring wells at the Port's Building C-401 located at 2277 7th St. Avenue. Uribe & Associates, acting as the Port's consultant, is responding to the County's request to incorporate the following activities into the work conducted at the site:

- a) assure that the wells are developed not less than 72 hours after installation, as per CCR Sect. 2649 (d)(8); ✓
- b) assure that the wells are sampled not less than 24 hours after development; ✓
- c) assure that soil cuttings, rinsate, and purge water are properly characterized and disposed. ✓

These activities will be performed as requested. The schedule for well installation has not yet been determined. The Port will provide the County with a well installation report upon completion of the activities described in the work plan.

The two remaining issues outlined in your letter concerning the underground storage tank removal report will be addressed in a separate letter to be prepared by the Port.

Sincerely,

Gerard L. Slattery, R.G.
Uribe & Associates

94 MAR 31 PM 1:46

HAZMAT
ALCO



ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

March 17, 1994
STID 3899

Neil Werner
Port of Oakland
530 Water St.
Oakland CA 94607

RE: Building C-401
2277-7th St.
Oakland CA 94607

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

Dear Mr. Werner,

We are in receipt of the 2/23/94 "Report of Underground Storage Tank Removals," prepared by Uribe & Associates. As you know, this report documents the removal and subsequent overexcavation of four USTs on 9/23/93. A few items need to be discussed:

- 1) Section 4.5 of the report states that "approximately 450 yd³ of stockpiled soils were sent to Port Costa Materials in Martinez. . ." Please submit legible disposal receipts for this material. Was any soil disposed at the Port's bioremediation facility? Does any stockpiled soil remain onsite?
- 2) Section 4.4 documents the sampling of soil from the ANR tank pit. TPH-gasoline and -diesel was analyzed. Was BTEX analyzed?

Appendix G of this report is actually a "Work Plan for Site Characterization Activities," also dated 2/23/94. As you know, this workplan involves the drilling of at least nine soil borings, and the conversion of three of them into monitoring wells. This workplan is acceptable for implementation on the following conditions:

- a) the wells will be developed not less than 72 hours after installation, as per 23 CCR Sect. 2649 (d)(8)
- b) the wells will be sampled not less than 24 hours after development
- c) soil cuttings, rinsate, and purge water will be properly characterized and disposed

Please note that with the exception of closure reports, routine reports and documents no longer need to be copied to the Regional Water Quality Control Board. Kindly submit a cover letter with your consultant's reports. If you have any questions, please contact me at 510-271-4530.

March 17, 1994
STID 3899
Neil Werner
page 2 of 2

Please notify me at least 2 business days in advance of field activities so that I may arrange to be onsite.

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

cc: John Borrego, Uribe & Associates
Ed Howell/file

je

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 AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 26100.7 OF THE HEALTH AND SAFETY CODE. SIGNED: <i>G. Eberle</i> DATE: <i>3-17-98</i>	
REPORT DATE 1 1 0 1 9 3 <small>M M D D Y Y</small>		CASE # _____			
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Michael James		PHONE (510) 272-1178		SIGNATURE
	REPRESENTING <input type="checkbox"/> LOCAL AGENCY <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> OTHER _____		COMPANY OR AGENCY NAME Port of Oakland		
	ADDRESS 530 Water Street STREET CITY Oakland STATE CA ZIP 94607				
RESPONSIBLE PARTY	NAME Building C-401 (Shipper's Imperial) UNKNOWN		CONTACT PERSON		PHONE ()
	ADDRESS 2277 7th Street STREET CITY Oakland STATE CA ZIP 94607				
SITE LOCATION	FACILITY NAME (IF APPLICABLE) Building C-401		OPERATOR		PHONE ()
	ADDRESS 2277 7th Street STREET CITY Oakland STATE CA ZIP 94607				
	CROSS STREET 7th Street				
IMPLEMENTING AGENCIES	LOCAL AGENCY Alameda County Health Care Services		CONTACT PERSON Jennifer Eblerle		PHONE (510) 272-4530
	REGIONAL BOARD Region 2, SF Bay Region		CONTACT PERSON Richard Hiett		PHONE ()
SUBSTANCES INVOLVED	(1) Gasoline NAME		QUANTITY LOST (GALLONS) <input type="checkbox"/> UNKNOWN		
	(2) N/A		<input checked="" type="checkbox"/> UNKNOWN		
DISCOVERY/ABATEMENT	DATE DISCOVERED 0 9 2 3 9 3 <small>M M D D Y Y</small>		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 type="checkbox"/> REPLACE TANK <input checked="" type="checkbox"/> CLOSE TANK <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> OTHER _____		
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 0 9 2 3 9 3 <small>M M D D Y Y</small>				
SOURCE/ CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER _____				
	CASE TYPE <input checked="" type="checkbox"/> CHECK ONE ONLY <input checked="" type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)				
CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input checked="" type="checkbox"/> CLEANUP UNDERWAY				
	REMEDIAL ACTION CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> CAP SITE (CD) <input checked="" type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> OTHER (OT) _____				
COMMENTS	This is a revised form to reflect correct address + name of site. <i>GE</i>				
	This is a revised form to reflect correct address and name of site				

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 25180.7, a designated 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 Loans and Grants, Underground Storage Tank Program, P.O. Box 944212, Sacramento, CA 94244-2120
3. Regional Water Quality Control Board
4. County Board of Supervisors or designee to receive Proposition 65 notifications.
5. Owner/responsible party.

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

March 17, 1994
STID 3899

Neil Werner
Port of Oakland
530 Water St.
Oakland CA 94607

RE: Building C-401
2277-7th St.
Oakland CA 94607

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

Dear Mr. Werner,

We are in receipt of the 2/23/94 "Report of Underground Storage Tank Removals," prepared by Uribe & Associates. As you know, this report documents the removal and subsequent overexcavation of four USTs on 9/23/93. A few items need to be discussed:

- 1) Section 4.5 of the report states that "approximately 450 yd³ of stockpiled soils were sent to Port Costa Materials in Martinez. . ." Please submit legible disposal receipts for this material. Was any soil disposed at the Port's bioremediation facility? Does any stockpiled soil remain onsite?
- 2) Section 4.4 documents the sampling of soil from the ANR tank pit. TPH-gasoline and -diesel was analyzed. Was BTEX analyzed?

Appendix G of this report is actually a "Work Plan for Site Characterization Activities," also dated 2/23/94. As you know, this workplan involves the drilling of at least nine soil borings, and the conversion of three of them into monitoring wells. This workplan is acceptable for implementation on the following conditions:

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- c) soil cuttings, rinsate, and purge water will be properly characterized and disposed

Please note that with the exception of closure reports, routine reports and documents no longer need to be copied to the Regional Water Quality Control Board. Kindly submit a cover letter with your consultant's reports. If you have any questions, please contact me at 510-271-4530.

March 17, 1994
STID 3899
Neil Werner
page 2 of 2

Please notify me at least 2 business days in advance of field activities so that I may arrange to be onsite.

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

cc: John Borrego, Uribe & Associates
Ed Howell/file

je

ALCO
HAZMAT

94 MAR -8 PM 2:08



PORT OF OAKLAND

March 4, 1994

Don Ringsby
Dongary Investments
P.O. Box 7240
Denver, CO 80207

Dear Mr. Ringsby:

**SUBJECT: PORT OF OAKLAND BUILDING C-401, 2277 7TH STREET, OAKLAND;
REPORT OF UNDERGROUND STORAGE TANK REMOVALS (Port
Contract # 93394)**

Enclosed please find a copy of the above-referenced report. This report has been submitted to the Alameda County Health Services Agency (County) for review and approval.

As you and I discussed in a telephone conversation earlier today, the Port's work plan for site characterization (Appendix G in the report) calls for soil and groundwater sampling to better characterize the contaminant plume and groundwater flow direction.

The Port will proceed with site characterization as soon as approval is obtained from the County. If you have any questions, please feel free to contact me at (510) 272-1220, or Terry Surel at (510) 272-1219.

Sincerely,

Dan Schoenholz
Associate Environmental Scientist

Enclosure

cc: Jennifer Eberle, Alameda County
Michael James
Teresa Surel

ds\wp51\files\anr2.ltr

#940 10-28-93 ANR Freight

AI Co approval letter for wp?

Extent of plume (zero line) not totally defined (BM 10 has 1800 ppm TPHd in soil).

QM? MW2 - how is it?

The only soil samples they ran for TPHg + BTEX were also ND for TPHd, + are all outside the plume. An oversight?

First, Port will talk w/ Dongary, hoping to cooperatively define The Plume. If they won't cooperate, then Port will write a wp to define The Plume

Port may do construction on site in future, ~~4' to 10' clayey sand~~ + is concerned that bio systems may not work. ERM's contingency plan is to continue the system.

10-28-93

The 2 oil USTs had high TPHd levels ~~inst~~ of contents.

Tank A contents not sampled; just Tank B. Both big fuel tanks are assumed to be gasoline.

BH 10 at ANR (#940)

1800 ppm TPHd at 5'

1990 - ANR removed 1 gasoline UST, ~~got~~ 44 ppm benzene fm diesel USTs removed in 1992. Significant. (Tank B) PFB-1 removed in Oct. 90. Fairly low levels (1-2 ppm ~~benz~~ benz)

Lab says pit water is mostly diesel; w/a little light range HCs.

They don't want to excavate further. Wants to backfill + install MWs. Gave OK to backfill w/clean fill, + remove current stockpile.

[]s of TPHg+d increased when Shipper's overexcavated.

Write letter approving backfill

They may use "dredge material" as backfill. They used it for the Amtrak site. Am Berth 30.

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

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.		
REPORT DATE: 93 NOV - 11 AM 11:52		SIGNED: <i>J. Eberle</i>		DATE: 11-1-93		
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Michael James		PHONE (510) 272-1178		SIGNATURE <i>Michael James</i>	
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME Port of Oakland			
	ADDRESS 530 Water Street Oakland CA 94607					
RESPONSIBLE PARTY	NAME Port of Oakland <input type="checkbox"/> UNKNOWN		CONTACT PERSON Michael James		PHONE (510) 272-1178	
	ADDRESS 530 Water Street Oakland CA 94607					
SITE LOCATION	FACILITY NAME (IF APPLICABLE) Shippers Imperial Bldg C401		OPERATOR		PHONE ()	
	ADDRESS 2277 7th Street Oakland Alameda					
	CROSS STREET 7th Street					
IMPLEMENTING AGENCIES	LOCAL AGENCY Alameda County Health Care Services		AGENCY NAME Jennifer Eberle		CONTACT PERSON Jennifer Eberle	
	REGIONAL BOARD Region 2, SF Bay Region				PHONE ()	
SUBSTANCES INVOLVED	(1) Gasoline		NAME		QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN	
	(2) N/A				<input type="checkbox"/> UNKNOWN	
DISCOVERY/ABATEMENT	DATE DISCOVERED 0 9 2 3 9 3		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 0 9 2 3 9 3					
SOURCE/ CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER		CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER			
	CHECK ONE ONLY <input checked="" type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)					
CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input checked="" type="checkbox"/> CLEANUP UNDERWAY					
	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input checked="" type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> OTHER (OT)					
COMMENTS	3-1-94 Post-It™ brand fax transmittal memo 7671 # of pages ▶ 1					
	To: <i>Micheaux</i>			From: <i>J. Eberle</i>		
Co.: <i>James</i>			Co.:			
Dept.:			Phone #:			
Fax #: <i>465-3755</i>			Fax #: <i>569-4757</i>			

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 94212, Sacramento, CA 95824-2120
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.

Alameda County Department of Environmental Health
Hazardous Materials Division

80 Swan Way, Rm. 200, Oakland, CA 94621
Ph: 510-271-4320 FAX: 510-568-3706

Meeting Attendees

Subject Shipper's Imperial, 2277-7th St. Oak 607
Date 10-28-93
Location Al Co

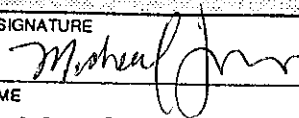
	Name	Affiliation	Phone #	FAX #
1	Jennifer Eberle	Alameda County	271-4530	
2	Michael James	Port of Oakland	272 1178	
3	Tom Barnes	Ur. be Assoc.	832	12233
4	Dan Schoenholz	Port of Oakland	/	
5			/	
6			/	
7			/	
8			/	
9			/	
10			/	
11			/	
12			/	
13			/	
14			/	
15			/	
16			/	
17			/	

Action Items From ANR/Shipper's Imperial Mtg

Jen has

- 1) ~~get~~ no objections to backfill (she'll write letter)
- 2) we will initiate discussions w/ ANR/Dougery
- 3) How will County ACHSA react to ANR/Workplan
- 4) We will provide workplan after these items are complete

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: _____ DATE: _____	
REPORT DATE M W T T F S S OCT 25 1993		CASE # 93 OCT 25 PM 3:50			
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Michael James		PHONE (510) 272-1178	SIGNATURE 	
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME Port of Oakland		
	ADDRESS 530 Water Street Oakland CA 94607				
RESPONSIBLE PARTY	NAME Port of Oakland <input type="checkbox"/> UNKNOWN		CONTACT PERSON Michael James	PHONE (510) 272-1178	
	ADDRESS 530 Water St. Oakland CA 94607				
SITE LOCATION	FACILITY NAME (IF APPLICABLE) Shippers Imperial Bldg C401		OPERATOR	PHONE ()	
	ADDRESS 2277 7th Street Oakland CA Alameda				
	CROSS STREET 7th Street				
IMPLEMENTING AGENCIES	LOCAL AGENCY AGENCY NAME Alameda County Health Care Services		CONTACT PERSON Jennifer Eberle	PHONE (510) 271-4530	
	REGIONAL BOARD Region 2, SF Bay Region			PHONE ()	
SUBSTANCES INVOLVED	(1) NAME Gasoline		QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> _____		
	(2) N/A		<input type="checkbox"/> UNKNOWN		
DISCOVERY/ABATEMENT	DATE DISCOVERED 09/23/93		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 <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 09/23/93				
SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER		CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER		
	CHECK ONE ONLY <input checked="" type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)				
CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input checked="" type="checkbox"/> CLEANUP UNDERWAY				
	CHECK APPROPRIATE ACTION(S) <input type="checkbox"/> CAP SITE (CO) <input checked="" type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> OTHER (OT)				
COMMENTS					



PORT OF OAKLAND 93 OCT 25 PM 4:03

October 22, 1993

Alameda County Department
of Health Services
Attn. Jennifer Eblerle
Hazardous Materials Specialist
80 Swan Way, Rm. 350
Oakland CA, 94621

**SUBJECT: SHIPPER'S IMPERIAL 2277 7TH STREET, OAKLAND, UST Removal
and Soil Excavation**

Dear Ms. Eberle:

This letter transmits the confirmation soil sample analyses from the UST removal excavation at Shippers Imperial. The Port is requesting approval from the Alameda County Health Care Services Agency, Hazardous Material Division (ACHCSA) to backfill the excavation at this time, and prepare a workplan for the installation of monitoring wells.

Monitoring wells will be used to determine the concentration and movement of the product/chemical in the saturated zone. ANRs site is downgradient of the saturated zone. the Port is recommending that these monitoring wells be used primarily to determine the areal and vertical extent of the contaminant from the ANR site. ? period

Four UST's were removed from the site on September 23, 1993. Samples were collected at the bottom of the Pit by Uribe & Associates, the sample contained diesel and gasoline. Diesel product was observed floating on the groundwater surface, at approximately 12-feet below ground surface.

This contamination is suspected to be originating from the Dongary Investments, Truck Maintenance Facility adjacent to Shippers Imperial property. Remediation of this diesel plume is pending before the ACHCSA at this time. ?

see lab results? Samples collected from the sidewalls at approximately 11-feet in depth contained a maximum of 1,700 ppm gasoline. Diesel and gasoline were detected in the groundwater. Further excavation was conducted at the site on October 5, 1993. Approximately 500 cubic yards of soil was excavated at that time, bringing the total amount of stockpiled soil at the site to 800 cubic yards.

Mon 10-5
Three samples were collected at 9-foot depths from the north, south, and east walls. (The original sidewall samples from the west side of the excavation showed low quantities of gasoline (8 ppm), and no further excavation was conducted westward.

The results of the 9-foot deep confirmation samples (CON-1, CON-2, and CON-3) are included in Table 1 in this letter. A maximum of 1,500 ppm gasoline was detected. ✓ Uribe & Associates personnel returned to the site on October 15, 1993 and collected two additional samples (CON-1-2.0 and CON-2-2.0) from the same location but at 2-feet below the ground surface. These sample were below the detection limit for BTEX and gasoline. *lab results report?*

6700 ppm TPH & FP?
The contamination in the 9-foot deep samples may be the result of gasoline on the groundwater (groundwater currently appears at a depth of 12-feet). The groundwater level shifts seasonally and could have deposited gasoline in the shallower soils during last winter's high water levels. *& diesel?*

The Port has recommended that no further excavation should be done at this time. Due to the obvious impact of the adjacent property's contamination plume at the site, and the effects of a fluctuating groundwater level. The is requesting the approval to backfill the excavation and prepare a workplan for monitoring well installations. ?

I would like to set up a meeting with you at your earliest convenience to discuss these matters and further remediation efforts at the Shippers Imperial site. If you have any questions, please do hesitate to call me at (510) 272 - 1174 or x1178.

Yours truly,



Michaeaux James
Port of Oakland
Jr. Port Environmental Scientist



URIBE & ASSOCIATES
2930 LAKESHORE AVENUE
SUITE TWO HUNDRED
OAKLAND, CALIFORNIA 94610
510 - 832 - 2233
FAX 510 - 832 - 2237

PORT OF OAKLAND DEPT.
50 OCT 20 8 58 AM '93
RECEIVED

ENVIRONMENTAL CONSULTING SERVICES

October 19, 1993

Mr. Michael James
Environmental Department
Port of Oakland
530 Water Street
Oakland, California 94607

SUBJECT: Unauthorized Release Report for the Removed Shippers Imperial USTs

Dear Mr. James:

This letter transmits the partially completed Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report for the Shippers Imperial tank removal project located at 2777 7th Street, Oakland, California. Soil samples collected during the tank removal revealed gasoline contamination, which apparently originated from the removed tanks. You need to complete the "Reported By" section of the report. After completing this section, mail the report to the following address:

Alameda County Health Care Services Agency
Attn. Jennifer Eberle
Division of Hazardous Materials
80 Swan Way, Rm. 350
Oakland, California 94621

The report of tank removal will be prepared by Uribe & Associates after the soil excavation and remediation activities at the site are completed.

Sincerely,

Tom Barnes
URIBE & ASSOCIATES



Printed on Recycled Paper

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

80 Swan Way, #200
 Oakland, CA 94621
 (415) 271-4320

II, III

Site ID # _____ Site Name Shipper's Imperial Today Date 10/5/93

Site Address 2277-7th St.

City Oakland Zip 94607 Phone _____

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

Inspection Categories:

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

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

II.A BUSINESS PLANS (Title 19)

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

II.B ACUTELY HAZ. MATLS

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

III. UNDERGROUND TANKS (Title 23)

- General**
- 1. Permit Application 25284 (H&S)
- 2. Pipeline Leak Detection 25292 (H&S)
- 3. Records Maintenance 2712
- 4. Release Report 2651
- 5. Closure Plans 2670
- 6. Method
- 1) Monthly Test
- 2) Daily Vadose
- Semi-annual gndwater
- One time soils
- 3) Daily Vadose
- One time soils
- Annual tank test
- 4) Monthly Gndwater
- One time soils
- 5) Daily Inventory
- Annual tank testing
- Cont pipe leak det
- Vadose/gndwater mon.
- 6) Daily Inventory
- Annual tank testing
- Cont pipe leak det
- 7) Weekly Tank Gauge
- Annual tank testing
- 8) Annual Tank Testing
- Daily Inventory
- 9) Other _____
- 7. Precs Tank Test 2643
- Date: _____
- 8. Inventory Rec. 2644
- 9. Soil Testing 2646
- 10. Ground Water 2647
- New Tanks**
- 11. Monitor Plan 2632
- 12. Access, Secure 2634
- 13. Plans Submit 2711
- Date: _____
- 14. As Built 2635
- Date: _____

4:15 Arrived onsite
 Comments:
 Overexcavation + resamplg.
 (see map on 10-1-93 tax)
 Took 3 soil samples of sidewalls
 at 8 1/2 - 9'. Groundwater is present
 in western portion of pit & has
 a black oily looking substance,
 as well as a brownish floater.
 48 hr. TAT. Please submit copy
 of tank contents analysis.
 3 Samples to be analyzed for TPHg,d,
 + BTEX

Rev 8/88

Contact: Tom Barnes
 Title: _____
 Signature: [Signature]

Inspector: J. Eberle
 Signature: [Signature]

II, III



PORT OF OAKLAND

93 OCT -4 PM 2:08

September 30, 1993

Jennifer Eberle
Hazardous Materials Specialist
Alameda County Department of
Environmental Health
80 Swan Way
Oakland CA, 94621

SUBJECT: SHIPPER'S IMPERIAL 2277 7TH STREET, OAKLAND

Dear Ms. Eberle:

Enclosed you will find copy of the soil sample analyses from the excavation taken at Shippers Imperial. In addition, I have enclosed a draft diagram of the Tank Locations. Tom Barnes of Uribe & Associates, Wing Lau of the Port and I will be discussing plans on how to further excavate and sample.

The Port would like your input on further excavation and sampling to insure that all regulatory actions and requirements are addressed. The Port is recommending that further excavation be done on site.

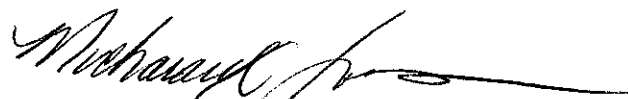
The samples from the smaller waste oil tank excavations (S-4 and S-5) were below the detection limit for diesel, gasoline, and BTEX. However, the soil samples for the gasoline UST excavation areas (S-1, S-2, S-3, S-6, S-7, and S-8) contained gasoline at an increased level of 1,700 mg/kg, diesel at an increased level of 5,500 mg/kg, and benzene at an increased level of 6,700 ug/kg. These results indicate that further excavation will be needed.

The facility adjacent to Shippers Imperial has reportedly released waste oil and diesel into the ground. Borings drilled in the area indicate that the contamination plume from these releases possibly extends through the Shippers Imperial site. Contamination was observed floating on the groundwater during the Shippers Imperial gasoline UST removal.

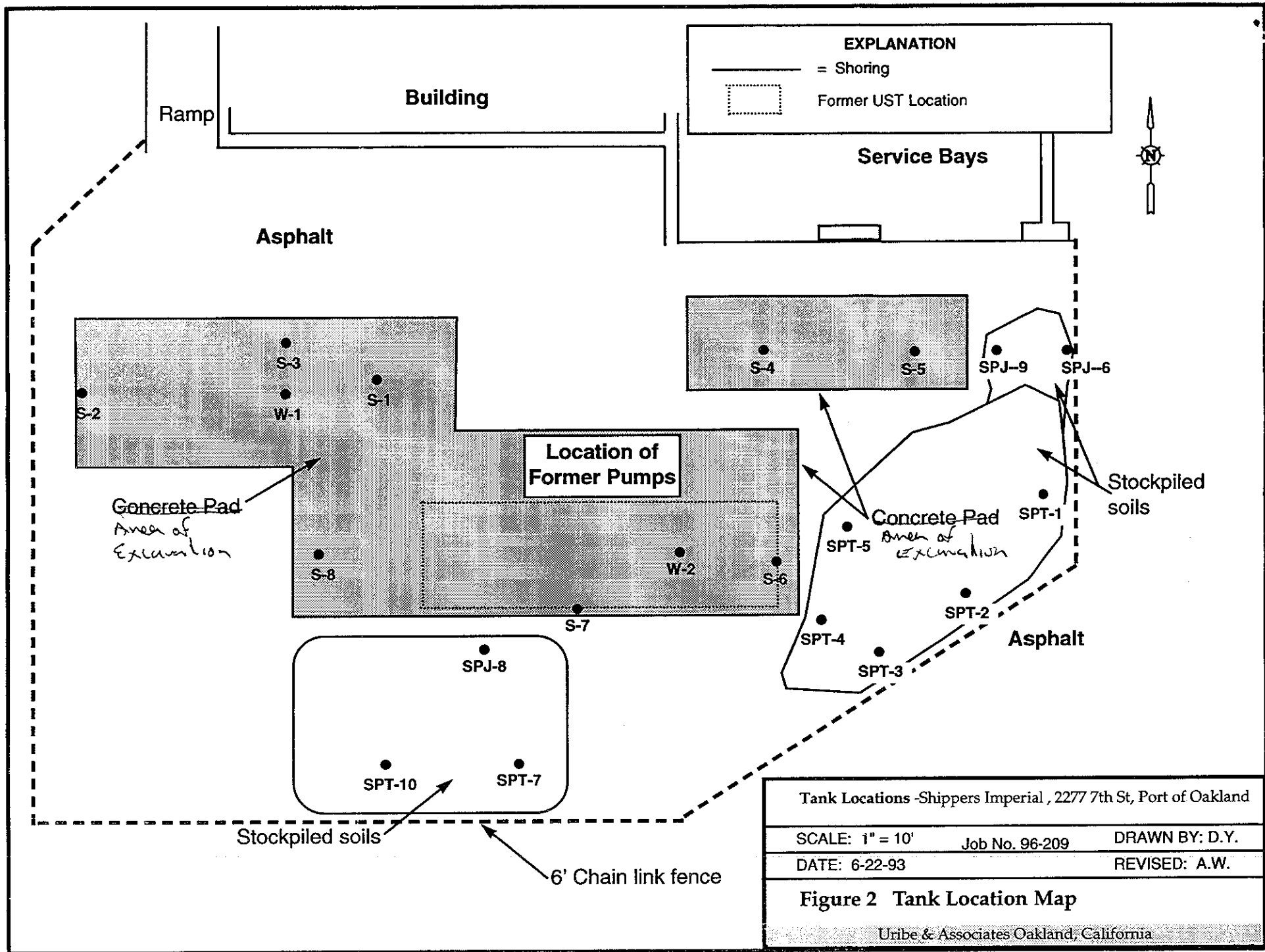
However, due to the high levels of gasoline found in the soil samples, the contamination at the site does not appear to be entirely the result of the neighboring property. The diesel found in samples S-2 and S-7 may be associated with neighbor's plume.

Further excavation and soil sampling will be collected analyzed from the site. If you have any questions please call me at x1178.

Sincerely,

A handwritten signature in cursive script, appearing to read "Michael James Jr.", with a long horizontal flourish extending to the right.

Michael James
Jr. Environmental Scientist



Ramp

Building

EXPLANATION

— = Shoring



⋮ = Former UST Location

Service Bays



Asphalt

Concrete Pad
Area of
Excavation

S-2, S-3, W-1, S-1

S-4, S-5

SPJ-9, SPJ-6

Location of
Former Pumps

S-8, W-2, S-6, S-7

Concrete Pad
Area of
Excavation

SPT-5, SPT-4, SPT-3, SPT-2, SPT-1

Stockpiled
soils

SPJ-8, SPT-10, SPT-7

Stockpiled soils

6' Chain link fence

Asphalt

Tank Locations - Shippers Imperial, 2277 7th St, Port of Oakland		
SCALE: 1" = 10'	Job No. 96-209	DRAWN BY: D.Y.
DATE: 6-22-93		REVISED: A.W.
Figure 2 Tank Location Map		
Uribe & Associates Oakland, California		



LABORATORY NUMBER: 112439
CLIENT: URIBE & ASSOCIATES
PROJECT ID: 96-209
LOCATION: SHIPPER IMPERIAL

DATE RECEIVED: 09/24/93
DATE REPORTED: 09/28/93

CASE NARRATIVE

On September 23, 1993 Curtis & Tompkins received two samples, W-1 and W-2, on which a fuel fingerprint was to be performed. Total Extractable Hydrocarbons was run and sample chromatograms were produced, fingerprinting the samples. The majority of the TEH sample pattern for both samples lies in the diesel range (C12-C22). The pattern is similar to the diesel standard however, lighter range hydrocarbons are also present.

pit water

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

80 Swan Way, #200
 Oakland, CA 94621
 (415) 271-4320

Hazardous Materials Inspection Form

p.1 of 3

II, III

Site ID # _____ Site Name Port of Oakland Shipper's Imperial Today's Date 9/23/93

Site Address 2277-7th St.
 City Oakland Zip 94607 Phone _____

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

Inspection Categories:

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

Removal of
 500-gal motor oil
 285-gal waste oil
 + two 10K USTs

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

Comments:

10:10 Arrived on site. Tom Barnes from Uribe is consultant. Toured site... waiting for Fire Dept. Port is paying for cleanup/tank removal. There was a small amt of product/waste in ~~the~~ all 4 USTs, which PTS removed into their vacuum trucks. Dolores Clemmons of OPD said that Gordon Gullet gave the OK for ALC to check for tank inertness.

11:30 10,000-gal ~~UST~~ UST has 1.5% LEL + 8% O₂.

11:40 285-gal waste oil UST has 1% LEL + 0% O₂.
 500-gal motor oil UST has .5% LEL + 2% O₂.
 Waste oil UST removed. UST is steel w/ tar wrap. No obvious holes.
 PTS is transporting USTs under manifest #s 92206522 + 92206523

11:55 Removal of 500-gal motor oil UST. UST is steel w/ tar wrap. No obvious holes.

12:00 PTS used (Freeman's Towing) a tow truck to remove 10,000-gal UST because the backhoe couldn't do it.

II.A BUSINESS PLANS (Title 19)

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

II.B ACUTELY HAZ. MATLS

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

III. UNDERGROUND TANKS (Title 23)

- General**
- 1. Permit Application 25284 (H&S)
- 2. Pipeline Leak Detection 25292 (H&S)
- 3. Records Maintenance 2712
- 4. Release Report 2651
- 5. Closure Plans 2670
- 6. Method
 - 1) Monthly Test
 - 2) Daily Vadose
Semi-annual gndwater
One time sols
 - 3) Daily Vadose
One time sols
Annual tank test
 - 4) Monthly Gndwater
One time sols
 - 5) Daily Inventory
Annual tank testing
Cont pipe leak det
Vadose/gndwater mon.
 - 6) Daily Inventory
Annual tank testing
Cont pipe leak det
 - 7) Weekly Tank Gauge
Annual tank testing
 - 8) Annual Tank Testing
Daily Inventory
 - 9) Other _____
- 7. Precs Tank Test 2643
Date: _____
- 8. Inventory Rec. 2644
- 9. Soil Testing 2646
- 10. Ground Water 2647
- Monitoring for Existing Tanks**
- 11. Monitor Plan 2632
- 12. Access. Secure 2634
- 13. Plans Submit 2711
Date: _____
- 14. As Built 2635
Date: _____
- New Tanks**

Rev 8/88

Contact: Tom Barnes
 Title: _____
 Signature: [Signature]

Inspector: Jennifer Eberle
 Signature: [Signature]

II, III

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

80 Swan Way, #200
 Oakland, CA 94621
 (415) 271-4320

p. 2 of 3

II, III

Site ID # _____ Site Name Shipper's Imperial Today's Date 9/23/93

Site Address 2277-7th St.

City Oak Zip 94607 Phone _____

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

Inspection Categories:

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

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

Comments:

Tank A (10,000-gal) is steel w/tar wrap. No obvious holes in UST. There is gwr w/floating, dark substance in pit at 2 11' bgs. A sample of liquid from pit was taken (W1) Uribe sampled tank contents some days ago. Soil samples taken (see map): 2 bottom (S-1 + S-2) + one wall (S-3). All had PID readings. short lunch break.

Uribe already sampled waste oil tank bottom at 9 1/2' (tank invert was 8 1/2') and motor oil tank bottom at 8 1/2' (tank invert was 6 1/2').

Tank B (10,000-gal) has 3% LEL + 3% O₂. Tank B removed. Tank is steel w/tar wrap. Liquid in pit has a sheen + brown, floating substance (diesel?), at ~ 10 1/2 bgs. No obvious holes in UST, but minor rust. Liquid sample taken from pit (W2). Liquid (in both pits) seems oily. They'll run a fingerprint analysis.

II.A BUSINESS PLANS (Title 19)

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

II.B ACUTELY HAZ. MATLS

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

III. UNDERGROUND TANKS (Title 23)

- | | |
|-------------------------------|---|
| General | <input type="checkbox"/> 1. Permit Application 25284 (H&S) |
| | <input type="checkbox"/> 2. Pipeline Leak Detection 25292 (H&S) |
| | <input type="checkbox"/> 3. Records Maintenance 2712 |
| | <input type="checkbox"/> 4. Release Report 2651 |
| | <input type="checkbox"/> 5. Closure Plans 2670 |
| Monitoring for Existing Tanks | <input type="checkbox"/> 6. Method |
| | 1) Monthly Test |
| | 2) Daily Vadose
Semi-annual groundwater
One time soils |
| | 3) Daily Vadose
One time soils
Annual tank test |
| | 4) Monthly Gndwater
One time soils |
| | 5) Daily Inventory
Annual tank testing
Cont pipe leak det
Vadose/gndwater mon. |
| | 6) Daily Inventory
Annual tank testing
Cont pipe leak det |
| | 7) Weekly Tank Gauge
Annual tank testing |
| | 8) Annual Tank Testing
Daily Inventory |
| | 9) Other _____ |
| New Tanks | <input type="checkbox"/> 7. Precs Tank Test 2643 |
| | Date: _____ |
| | <input type="checkbox"/> 8. Inventory Rec. 2644 |
| | <input type="checkbox"/> 9. Soil Testing 2646 |
| | <input type="checkbox"/> 10. Ground Water 2647 |
| | <input type="checkbox"/> 11. Monitor Plan 2632 |
| | <input type="checkbox"/> 12. Access. Secure 2634 |
| | <input type="checkbox"/> 13. Plans Submit 2711 |
| | Date: _____ |
| | <input type="checkbox"/> 14. As Built 2635 |
| Date: _____ | |

Rev 6/88

Contact: Tom Barnes
 Title: _____
 Signature: [Signature]

Inspector: Jennifer Elberke
 Signature: [Signature]

II, III

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

80 Swan Way, #200
 Oakland, CA 94621
 (415) 271-4320

Hazardous Materials Inspection Form

p. 3 of 3

II, III

Site ID # _____ Site Name Shipper's Imperial Today's Date 9/23/93

Site Address 2277-7th St.

City Oak Zip 94607 Phone _____

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

Inspection Categories:

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

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

Comments:

Soil samples taken from Tank B excavation, which has been adjoined w/Tank A excavation. (see map). Three wall samples taken (S6, S7, S8).

3:45 We dug below Tank B to ~14' to see how fast "gw" may recharge. The deeper excavation was dry initially, then we saw gw after ~5min.

4:00 left site

II.A BUSINESS PLANS (Title 19)

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

II.B ACUTELY HAZ. MATLS

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

III. UNDERGROUND TANKS (Title 23)

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

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

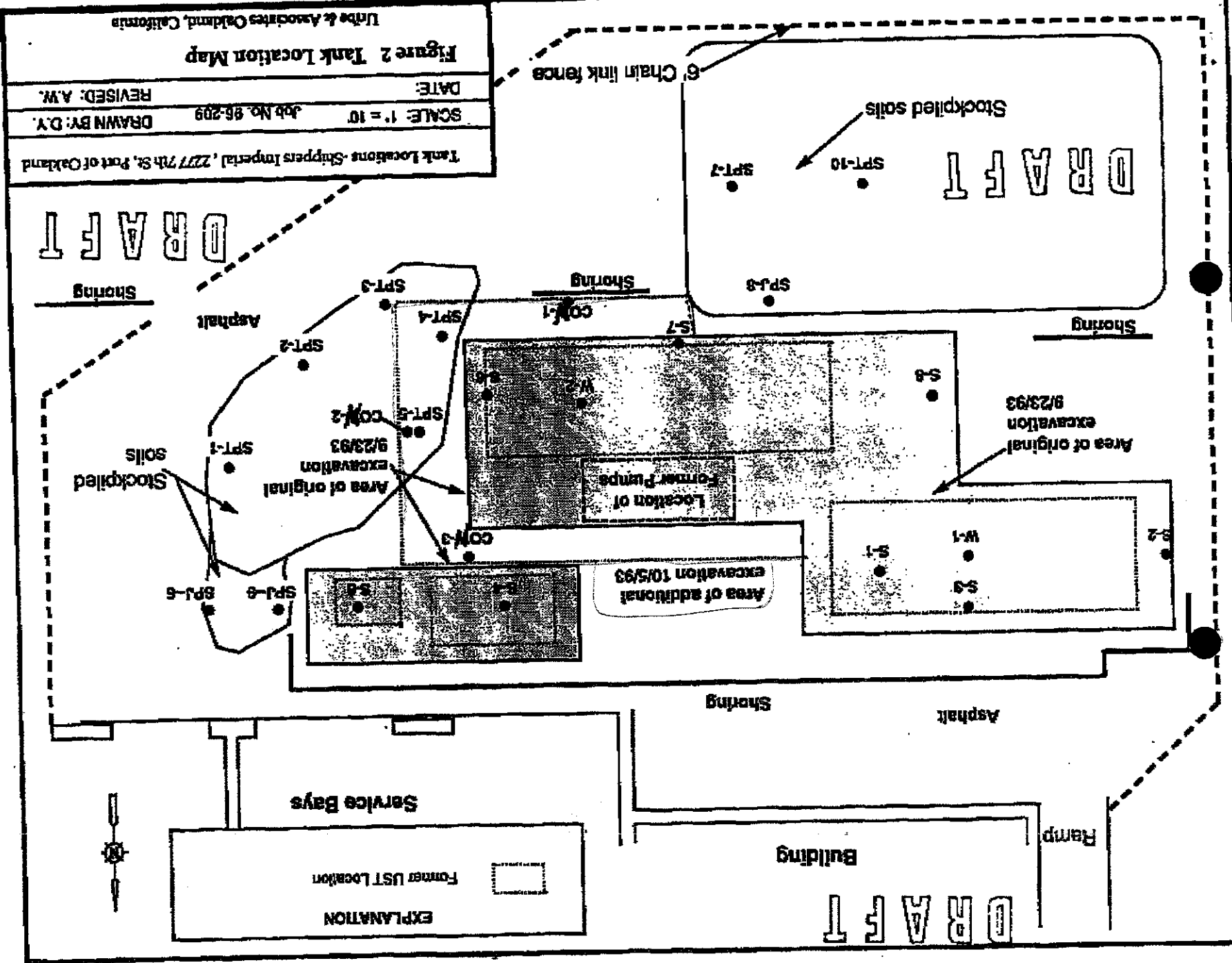
- 7. Precs Tank Test 2643
Date: _____
- 8. Inventory Rec. 2644
- 9. Soil Testing 2646
- 10. Ground Water. 2647

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

Contact: Tom Barnes
 Title: _____
 Signature: [Signature]

Inspector: Jennifer Eberle
 Signature: [Signature]

II, III



Tank Locations - Shippers Imperial, 2277 7th St, Port of Oakland
 SCALE: 1" = 10'
 Job No. 86-209
 DRAWN BY: D.Y.
 DATE:
 REVISID: A.W.
Figure 2 Tank Location Map
 Unbe & Associates Oakland, California

DRAFT

DRAFT

DRAFT

ALAMEDA COUNTY HEALTH CARE AGENCY
 DEPARTMENT OF ENVIRONMENTAL HEALTH
 HAZARDOUS MATERIALS DIVISION
 80 SWAN WAY, ROOM 200
 OAKLAND, CA 94621
 PHONE NO. 510/271-4320

ACCEPTED

Underground Storage Tank Closure Permit Application
 Alameda County Division of Hazardous Materials
 80 Swan Way, Suite 200,
 Oakland, CA 94621
 Telephone: (510) 271-4320

8/19/93
 Carl Coleman
 272-1569

Jennifer Eberle
 See comments p. 4, 5

These closure forms are to be received and found to be acceptable by the Department of Environmental Health and local health officials. The closure plans indicated by this Department are subject to review and approval by the Department of Environmental Health and local health officials. The closure plans must be approved by the Department of Environmental Health and local health officials before construction begins. The closure plans must be approved by the Department of Environmental Health and local health officials before construction begins. The closure plans must be approved by the Department of Environmental Health and local health officials before construction begins.

*THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS

Contact Specialist:

8/19/93

UNDERGROUND TANK CLOSURE PLAN

*** Complete according to attached instructions ***

aka Shipper's Imperial

Wing Lau of w/ Port

- Business Name Port of Oakland
- Business Owner Port of Oakland
- Site Address 2277 Seventh St. Bldg C-401, Oakland
 City Oakland, Ca Zip 94607 Phone 510 272-1473
- Mailing Address 530 Water St. P.O. Box 2064
 City Oakland, Ca Zip 94604 Phone 510 272-1370
- Land Owner Port of Oakland
 Address 2277 Seventh St Oakland City, State Ca Zip 94604-2064
- Generator name under which tank will be manifested Port of Oakland
- EPA I.D. No. under which tank will be manifested CAC 000 844432

93 AUG -3 AM 11:10

6. Contractor PTS Environmental Service
Address P.O. Box 170
City Loomis, Ca 95650 Phone 916 652-5535
License Type* A + Haz ID# 440591

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

7. Consultant To be determined by Port of
Address Oakland
City _____ Phone _____

8. Contact Person for Investigation
Name Rodger Thomas Title V.P. w/PTS
Phone 916 652-5535

9. Number of tanks being closed under this plan 4 tanks
Length of piping being removed under this plan 100' (approx)
Total number of tanks at facility 4K

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

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

a) Product/Residual Sludge/Rinsate Transporter
ok Name PTS Env. Service EPA I.D. No. CAD 982040206
Hauler License No. 2350 License Exp. Date 10-31-93
Address P.O. Box 170
City Loomis State Ca Zip 95650

b) Product/Residual Sludge/Rinsate Disposal Site
Name Refinery Service EPA I.D. No. CAD083166728
Address 13331 N. Hwy 33
City Patterson State Ca Zip 95363

c) Tank and Piping Transporter

Name PTS Env. Service EPA I.D. No. CAD982040206
Hauler License No. 2350 License Exp. Date 10-31-93
Address P.O. Box 170
City Yonkers State Ca Zip 95650

d) Tank and Piping Disposal Site

Name Crickson Inc EPA I.D. No. CAD009466392
Address 255 Parr Blvd
City Richmond State Ca Zip 94801

11. Experienced Sample Collector

Name John Borrego - Uribe + Assoc.
Company Uribe + Assoc.
Address 2930 Lakeshore Ave Suite 200
City Oakland State Ca Zip 94610 Phone 510 832-2233

12. Laboratory

Name Curtis + Tompkins Ltd.
Address 2323 5th Street
City Berkeley State Ca Zip 94710
State Certification No. 1459

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

If yes, describe. _____

14. Describe methods to be used for rendering tank inert

Dry Ice will be used
25[#] per thousand gallon

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

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

15. Tank History and Sampling Information

Tank		Material to be sampled (tank contents, soil, ground-water, etc.)	Location and Depth of Samples
Capacity	Use History (see instructions)		
8000 Gal	Gas	Soil	<i>Samples will be taken at both ends of 8000 Gallon tanks.</i> <i>1-Sample at full end - 500-Tank</i> <i>1-Sample at full end 285-Tank</i> <i>They will be taken at a depth of 2' below native soil</i>
8000 "	Gas	Soil	
500 "	Motor Oil	Soil	
285 "	waste Oil	Soil	
<i>(All these tanks were installed in 1970)</i>		<i>tank into</i>	

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

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (Estimated)	Sampling Plan Sample every 50 yds. for offsite disposal or 1 per 20yd ³ for onsite reuse

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

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

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

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
Gas	See attached Tri Regional	Analyses Table II	To be determined by Lab per County req.
waste oil	TPH-G [✓] - 50-30 BT A + EV - 8020 or 8240		
	5030 or 3550 5520		
	Same tests are done for Ground water all tests are done per County inspector ✓		
waste oil	TPH _g TPH _d BT E X	5030 3550 8020 or 8240	
	O + G	5520 E + F	

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

CC HC 8010
metals AA
SVOCs 8270

motor oil: rev 3/92 TPH_d 3550 - 5 -
BT~~E~~X 8020 or 8240

18. Submit Worker's Compensation Certificate copy

Name of Insurer State Friend Ins. Policy 1254741-91 ✓

19. Submit Plot Plan (See Instructions)

20. Enclose Deposit (See Instructions)

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

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

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

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

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

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

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

Signature of Contractor

Name (please type) C. J. Thomas Cathy J. Thomas

Signature C. J. Thomas

Date 6-30-93

Signature of Site Owner or Operator

Name (please type) See Attached Sheet

Signature _____

Date _____

JUL 02 '93 05:09PM PORT OF OAKLAND ENVIRON DEPT. ENVIRONMENTAL HEALTH AND THAT NO WORK IS TO BEGIN ON THIS PROJECT UNTIL THIS PLAN IS APPROVED

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

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

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

Signature of Contractor

Name (please type) C. J. Thomas CASHY J. THOMAS

Signature C. J. Thomas

Date 6-30-93

Signature of Site Owner or Operator

Name (please type) WING K. LAU

Signature Sam Wing Kit

Date 7/28/93

TABLE #1

SAMPLING FOR ROUTINE TANK REMOVALS
10 August 1990

CASE A: Water not present in tank pit

- 1) Remove a maximum of two feet of native soil before sampling.
- 2) If areas of obvious contamination are observed, they are to be sampled.

TANK SIZE	MINIMUM NUMBER OF SOIL SAMPLES	LOCATION OF SOIL SAMPLES
Less than 1000 gal.	ONE per tank	Fill or pump end of tank
1000-10,000 gal.	TWO per tank	One at each end of tank
Greater than 10,000 gal.	THREE or more per tank	Ends and middle or generally spaced along the length of the tank
Piping	ONE	Every 20 lineal feet

CASE B: Water present in tank pit

- 1) The tank pit may be purged and allowed to refill before sampling. The purged water is to be handled correctly.
- 2) The water sample is to be representative of water in the tank pit.

TANK SIZE	MINIMUM NUMBER OF SOIL SAMPLES	LOCATION OF SOIL SAMPLES	MINIMUM NUMBER OF WATER SAMPLES
10,000 gal. or less (single tank)	TWO	From wall next to tank ends at soil/ground water interface	ONE
Greater than 10,000 gal. or tank cluster	FOUR	From wall next to tank ends at soil/ground water interface	ONE

TABLE #2
REVISED 10 AUGUST 1990

RECOMMENDED MINIMUM VERIFICATION ANALYSES FOR
UNDERGROUND TANK LEAKS

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

If found, analyze for dibenzofurane (PCB) or dioxins (PCP)

Regional Board Staff Recommendations
Preliminary Site Investigation

10 August 1990

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

Routine	Modified Protocol
≤ 10 ppm (42%)	≤ 10 ppm (10%)
≤ 5 ppm (19%)	≤ 5 ppm (21%)
≤ 1 ppm (35%)	≤ 1 ppm (60%)

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

10. SIGNED LABORATORY DATA SHEETS are to be submitted containing the laboratory's assessment of the condition of the samples on receipt including temperature, suitable container type, air bubbles present/absent in VOA bottles, proper preservation, etc. The sheets must also include the dates sampled, submitted, prepared for analysis, and analyzed.
11. PEAKS THAT DO NOT CONFORM to the standards must be reported by the laboratories, including any unknown complex mixtures that elute at times which vary from the standards. These mixtures may not compare to the standards and may not be readily identified; however, they are to be reported. At the discretion of the LIA or Regional Board the following information is to be contained in the laboratory report:
 - The relative retention time for the unknown peak(s) relative to the reference peak in the standard;
 - Copies of the chromatogram(s);
 - Type of column used;
 - Initial temperature;
 - Temperature program in °C/minute; and
 - Final temperature.
12. REPORTING LIMITS FOR TPH are: gasoline standard ≤ 20 carbons, diesel and jet fuel (kerosene) standard ≤ 50 carbons. It is not necessary to continue the chromatography beyond the limit, standard, or EPA/DHS method protocol (whichever time is greater).

EPILOGUE

ADDITIVES: Major oil companies are being encouraged or required by the federal government to reformulate gasoline as cleaner burning fuels to reduce air emissions. MTBE (Methyl-tertiary-butyl ether), ETHANOL (ethyl alcohol), and other chemicals may be added to reformulated gasolines to increase the oxygen content in

Regional Board Staff Recommendations
Preliminary Site Investigation

10 August 1990

EXPLANATION FOR TABLE #2: MINIMUM VERIFICATION ANALYSIS

1. OTHER METHODOLOGIES are continually being developed, and as methods are accepted by EPA or DHS, they also can be used.
2. For DRINKING WATER SOURCES, EPA recommends that the 500 series for volatile organics be used in preference to the 600 series because the detection limits are lower and the QA/QC is better.
3. APPROPRIATE STANDARDS for the material stored in the tank are to be used for all analyses on Table #2. For instance, seasonally, there may be five different jet fuel mixtures to be considered.
4. TO AVOID FALSE POSITIVE detection of benzene, benzene-free solvents are to be used.
5. TOTAL PETROLEUM HYDROCARBONS (TPH) as gasoline (G) and diesel (D) ranges (volatile and extractible, respectively) are to be analyzed and characterized by GC/FID with a fused capillary column and prepared by EPA method 5030 (purge and trap) for volatile hydrocarbons, or extracted by sonication using 3550 methodology for extractible hydrocarbons. Fused capillary columns are preferred to packed columns; a packed column may be used as a "first cut" with "dirty" samples or once the hydrocarbons have been characterized and proper QA/QC is followed.
6. TETRAETHYLLEAD (TEL) analysis may be required if total lead is detected unless the determination is made that the total lead concentration is geogenic (naturally occurring).
7. CHLORINATED HYDROCARBONS (CL HC) and BENZENE, TOLUENE, XYLENE AND ETHYLBENZENE (BTX&E) are analyzed in soil by EPA methods 8010 and 8020, respectively, (or 8240) and for water 601 and 602, respectively, (or 624).
8. OIL AND GREASE (O & G) may be used when heavy, straight chain hydrocarbons may be present. Infrared analysis by method 4100 may also be acceptable for O & G if proper standards are used. "Standard Methods" 17th Edition, 1989, has changed the 501 series to 5520.
9. PRACTICAL QUANTITATION REPORTING LIMITS are influenced by matrix problems and laboratory QA/QC procedures. Following are the Practical Quantitation Reporting Limits:

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

Regional Board Staff Recommendations
Preliminary Site Investigation

10 August 1990

the fuel and thereby decrease undesirable emissions (about four percent with MTBE). MTBE and ethanol are, for practical purposes, soluble in water. The removal from the water column will be difficult. Other compounds are being added by the oil companies for various purposes. The refinements for detection and analysis for all of these additives are still being worked out. If you have questions about the methodology, please call your Regional Board representative.

**STATE
COMPENSATION
INSURANCE
FUND**

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

CERTIFICATE OF WORKERS' COMPENSATION INSURANCE

JULY 27 1993

POLICY NUMBER: 1254741 - 93
CERTIFICATE EXPIRES: 7-1-94

PORT OF OAKLAND
530 WATER STREET, PO BOX 2064
OAKLAND CA 94604-2064

JOB: 2277 SEVENTH
OAKLAND, CA
4 EMPLOYEES

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

This policy is not subject to cancellation by the Fund except upon ³⁰ten days' advance written notice to the employer.

We will also give you ³⁰TEN days' advance notice should this policy be cancelled prior to its normal expiration.

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


PRESIDENT

ENDORSEMENT #2065 ENTITLED CERTIFICATE HOLDERS' NOTICE EFFECTIVE 07/01/93 IS ATTACHED TO AND FORMS A PART OF THIS POLICY.

EMPLOYER

PLACER ENERGY SYSTEMS, INC.
DBA: P.T.S. ENVIRONMENTAL SERVICE
PO BOX 170
LOOKIS CA 95650

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

400 P Street, 4th Floor
P.O. Box 806
Sacramento, CA 95812-0806

(916) 324-2430



*** HAZARDOUS WASTE TRANSPORTER REGISTRATION ***

NAME AND ADDRESS OF REGISTERED TRANSPORTER:

P.T.S. Environmental Service
P.O. Box 170
Loomis, CA 95650

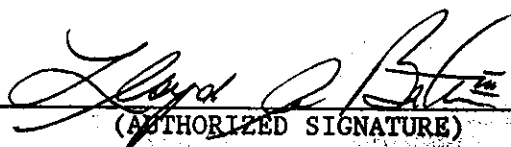
TRANSPORTER REGISTRATION NO: 2350

EXPIRATION DATE: October 31, 1993

THIS IS TO CERTIFY THAT THE FIRM NAMED ABOVE IS DULY REGISTERED TO TRANSPORT HAZARDOUS WASTE IN THE STATE OF CALIFORNIA IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 6.5, DIVISION 20 OF THE HEALTH AND SAFETY CODE AND DIVISION 4.5, TITLE 22 OF THE CALIFORNIA CODE OF REGULATIONS.

THIS REGISTRATION CERTIFICATE MUST BE USED IN CONJUNCTION WITH VEHICLES AND/OR CONTAINERS WHICH HAVE BEEN CERTIFIED PURSUANT TO SECTION 25169.1, HEALTH AND SAFETY CODE, OR A VARIANCE ISSUED BY THE DEPARTMENT OF TOXIC SUBSTANCES CONTROL FOR HIGHWAY TRANSPORT WITH THE EXCEPTIONS OF TRANSPORT SOLELY BY WATER, RAIL OR AIR.

THIS REGISTRATION CERTIFICATE MUST BE CARRIED IN THE VEHICLE USED TO TRANSPORT HAZARDOUS WASTE.


(AUTHORIZED SIGNATURE)

OCT 16 1992

(Date)

(916) 323-9123





ACKNOWLEDGEMENT OF NOTIFICATION OF HAZARDOUS WASTE ACTIVITY

This is to acknowledge that you have filed a Notification of Hazardous Waste Activity for the installation located at the address shown in the box below to comply with Section 3010 of the Resource Conservation and Recovery Act (RCRA). Your EPA Identification Number for that installation appears in the box below. The EPA Identification Number must be included on all shipping manifests for transporting hazardous wastes; on all Annual Reports that generators of hazardous waste, and owners and operators of hazardous waste treatment, storage and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and other hazardous waste management reports and documents required under Subtitle C of RCRA.

EPA I.D. NUMBER

CA0012000206

INSTALLATION ADDRESS

PLACER TRACTOR SERVICE
7200 WELLS AVE
LOOMIS

CA 95650

7200 WELLS AVE
LOOMIS

CA 95650

EPA Form 8700-12A (4-80)

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

DEPARTMENT OF



Building Quality



HAZARDOUS SUBSTANCES REMOVAL AND REMEDIAL ACTIONS CERTIFICATION

Pursuant to the provisions of Section 70587 of the Business and Professions Code, the Registrar of Contractors does hereby certify that the following qualifying person has successfully completed the hazardous substances removal and remedial actions examination.



Qualifier: RODGER D. THOMAS

License No.: 440591

Namestyle: PLACER ENERGY SYSTEMS

WITNESS my hand and official seal this
20 day of OCTOBER, 1988

J. H. Along
Registrar of Contractors

13L-36 (1/88)

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

A1608

Contractors State License Board

Department of Consumer Affairs
State of California
9835 Goethe Road
Sacramento, California 95827



M09/ 1 00440591

1/916/366-5153

1/800/321-CSLB

Automated Phone System

2752

000840
PLACER ENERGY SYSTEMS INC DBA PTS ENVIRONMENTAL
SERVICE
7200 WELLS ROAD
LOOMIS, CA 95650

includes haz. substance removal

State of California
Consumer Affairs

State of California
CONTRACTORS STATE LICENSE BOARD

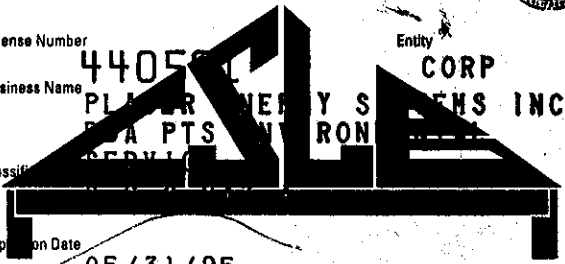
Entity

License Number 440591

Business Name PLACER ENERGY SYSTEMS INC
DBA PTS ENVIRONMENTAL SERVICE

Classification

Expiration Date 05/31/95

Licensed under U.S. Patent B1 4,034,210

SUBMITTAL #3 B
7/26/93

P.T.S. ENVIRONMENTAL SERVICE

SITE SAFETY & UNDERGROUND FUEL TANK CLOSURE PLAN

P.T.S. Environmental Service is pleased to submit this closure plan for the Underground Fuel Tank Removal project listed below.

- A. Name and Address: Port of Oakland
530 Water Street
Oakland, Ca. 94604
- Site Address: 2277 Seventh Street
CF-17, CF-18, CF-19 AND CF-20 ADJACENT TO
Bldg. C-401
Oakland
- Phone Number: 510-272-1370
- B. Completion Date: August, 1993
- C. Project Manager: AL OESTERLING
- D. Site History

<u>Tank Size</u>	<u>Tank Contents</u>	<u>Fiberglass/Steel</u>
2-8000	GAS	Steel
1-500	MOTOR OIL	Steel
1-285	WASTE OIL	Steel

Continue on Page 2

SITE SAFETY & UNDERGROUND FUEL TANK CLOSURE PLAN
PAGE 2

SECTIONS;

- I. Project Description
- II. Task Risk Analysis and Safety & Health Plan
and Contractor Certification
 - A) Underground fuel tank removal
- III. Contamination Consultant
- IV. Emergency Response Plan
- V. Emergency Spill Containment

SECTION I; PROJECT DESCRIPTION

A) All product shall be removed from tanks prior to excavation. Any product remaining will be vacuumed out and manifested by P.T.S. Environmental Service, EPA # CA0982040206, DOH # 2350. Disposal facility will be Evergreen Environmental, EPA # CAD982446874 at Road 30B, Davis, CA. 95616, or Refinery Services, 13331 No. Hwy. 33, Patterson, CA. 95363, EPA #CAD083166728. All vapors will be purged from tanks at least one - two hours prior to removal by using at least 30 pounds of carbon dioxide (dry ice) per 1,000 gallon tank capacity. A LEL meter will be on site to check the tank(s) for explosive levels before the tank is removed, in addition to two fire extinguishers. We also have a PID meter on-site to measure Total Petroleum Hydrocarbons.

C) Tanks and associated piping will be removed by P.T.S. Environmental Service. Tanks that are disposed of as hazardous will be manifested to Erickson Inc. in Richmond, EPA # CAD009466392.

Continued on Page 3

SITE SAFETY & UNDERGROUND FUEL TANK CLOSURE PLAN
PAGE 7

D) Clean excavated material will be stockpiled onsite for use in backfilling the excavation site.

E) The local agencies will be notified of the removal date and will be present soil samples will be taken. U.S.A. and the local Air Quality (if applicable) will notified at least five days before the tank removal.

F) P.T.S. Environmental Service will arrange to have Uribe & Associate, 2930 Lakeshore Ave., Suite #200, Oakland, CA. take the required soil samples. This is a subcontractor of Port of Oakland and not P.T.S. Environmental Service. The lab that will run the soil samples is Curtis & Tompkins, 2323 5th St., Berkeley, CA. (State Certification #1459) This lab is certified to test soil samples for hazardous waste.

G) Onsite Personnel

1) The following personnel are designated to carry out job functions as needed onsite. They all have been certified in Hazardous Waste and Safety Training and CPR.

Rodger Thomas
Barry Queen
Tim Arba

Cathy Thomas
Pam Field
Gary Kellar

Albert Oesterling
Lori Oesterling

H) Local Agencies

Alameda County Health Care Services
Dept. of Environmental Health
80 Swan Way, Room 200
Oakland, Ca. 94611
510-271-4320

Continued on page 4

SECTION II; RISK ANALYSIS & SAFETY AND HEALTH PLAN

1. Tasks Planned

- A. Underground Tank Removal - Excavation
- B. Rinsing fuel tanks and inerting with dry ice
- C. Soil Sampling
- D. Backfill excavation and resurface

2. Hazardous Materials Anticipated:

- A. Gasoline - Inhalation can cause headaches, blurred vision, dizziness and nausea.
- B. Benzene - High energy component of gasoline, usually present in concentrations between 0.8 - 2.0%. Benzene is a known carcinogen.
- C. Xylenes - Flammable and less toxic than benzene; may be narcotic in high concentrations.
- D. Toluene - Flammable, may be narcotic in high concentrations and may cause mild macrocytic anemia.
- E. Diesel and/or Waste Oil
- F. Solvents

3. Personnel Protection Equipment:

- A. Appropriate skin protection/clothing (tyvek suits if necessary)
- B. Air purifying respirator (3M Brand)
- C. Hard hat and safety glasses
- D. Gloves & Steel toed boots
- E. Hearing protection (if necessary)
- F. Eye wash and First Aid kits in trucks

Continued on Page 5

SITE SAFETY & UNDERGROUND TANK CLOSURE PLAN
PAGE 5

4 Site Control:

A A 7' cyclone fence will be installed around the construction site perimeter until the site is backfilled and resurfaced.

5 Hazardous Waste Management:

A This project will generate hazardous wastes (rinseate and possibly groundwater) which will be transported for recycling on a manifest. See Section iA on Closure Plan.

OCCUPATIONAL SAFETY AND HEALTH CERTIFICATION

Project: Port of Oakland
Contractor: P.T.S. Environmental Service

Contractor certifies that the following personnel employed on the project above have met the following requirements of the OSHA Hazardous Waste Operations Standard (29 CFR 1910.120) AND other applicable OSHA standards.

Continued on Page 6

SITE SAFETY & UNDERGROUND TANK CLOSURE PLAN
PAGE 6

<u>PERSONNEL</u>	<u>TRAINING</u>	<u>RESPIRATOR CERTIF.</u>	<u>MEDICAL EXAM</u>
Al Oesterling	yes	yes	yes
Cathy Thomas	yes	yes	yes
Barry Queen	yes	yes	yes
Lori Oesterling	yes	yes	yes
Rodger Thomas	yes	yes	yes
Pam Field	yes	yes	yes
Tim Arba	yes	yes	yes
Gary Kellar	yes	yes	yes

Contractor certifies that he/she has received a copy of the Site Safety and Health Plan and will ensure that its employees are informed and will comply with its requirements. Also, Contractor certifies that P.T.S. Environmental Service is in compliance with Government Code Section 8355 regarding a drug-free workplace.

Contractor further certifies that it has read and understands and will comply with all provisions of its contractual agreement.

SIGNED: _____

CJ Thomas

DATE: _____

7-26-93

Continued on page 7

SECTION III: CONTAMINATION CONSULTANT

If contamination is suspected this will be determined by laboratory results. Soil can be initially checked with PID meter to monitor levels. If levels exceed a safe atmosphere please refer to Emergency Response #4 - Air Monitoring. Contaminated soil will be stockpiled on-site per spec #3.04 until it has been profiled into the appropriate disposal facility.

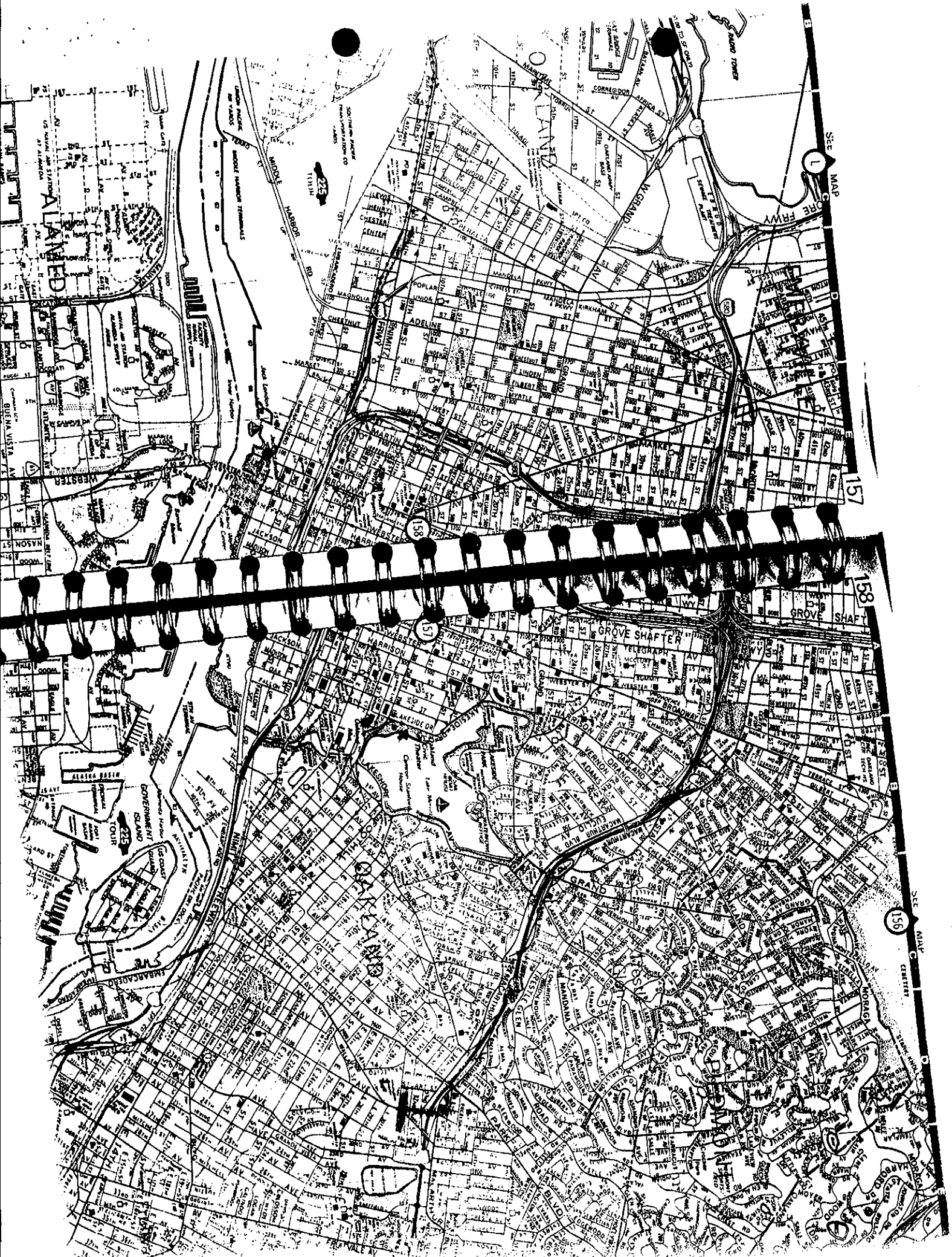
SECTION IV; EMERGENCY RESPONSE PLAN

If an accident should occur, employees should first call 911 if it is an emergency. If it is not of emergency nature then the employee shall be brought to the nearest hospital (see attached page for map to hospital).

DIRECTIONS TO HOSPITAL

**Highland Hospital
1411 E. 31st Street
Oakland, Ca. 94602
510-534-8055**

**GO EAST ON SEVENTH ST. TO CASTRO ST. - TURN LEFT
GET ON 980 NORTH, GO EAST ON 580 AND EXIT PARK BLVD.
CROSS PARK AND GO ONE MORE BLOCK TO 13TH AVE (NO STREET
SIGN) AND TURN RIGHT ON 13TH AVE., GO FOUR BLOCKS AND
TURN LEFT ON 31ST ST. GO TWO BLOCKS AND TURN RIGHT INTO
EMERGENCY ENTRANCE.**



SITE SAFETY & UNDERGROUND TANK CLOSURE PLAN
PAGE 8

2. Additional emergency phone numbers are as follows:

Ambulance	- 911
National Response Center	- 800-424-8802
Police Department	- 510-238-3211
Fire Department	- 510-238-3851
Contractor's Superintendent	- Superintendent will be on-site, but his car phone is (916) 539-3942
Port Resident Engineer	- Wing Lau 510-272-1457
Port Environmental Engr	- Michael James 510-272-1178
RCRA Hotline	- 800-424-9346

When reporting an emergency situation, the following information should be provided:

1. Name of person making call.
2. Telephone number and location of person making call.
3. Number of person(s) exposed or injured.
4. Nature of emergency.
5. Actions taken.
6. Name and location of site contact upon arrival of emergency services.

3. Emergency Procedures:

Prior to commencing work the superintendent shall plan emergency evacuation routes and procedures and discuss them with all personnel who will be conducting work at the site. Initial planning includes establishing the best means for evacuation from the site in case of a catastrophe (i.e. explosion, fire, employee overcome by fumes, etc.). The nearest telephone will be identified for emergency situation - usually closest phone will be in superintendent's car. If an emergency did occur and employees could not hear superintendent yelling to evacuate area, the superintendent will wave a red flag to indicate evacuating the area.

Evacuation shall occur if personal protective equipment fails, or if the emergency situation becomes uncontrollable. If an emergency involving actual or suspected personal injury occurs, the superintendent shall follow these steps:

Continued on page 9

SITE SAFETY & UNDERGROUND TANK CLOSURE PLAN
PAGE 9

- Remove the exposed or injured person(s) from immediate danger. Rescue personnel shall not enter "unknown" atmospheres or atmospheres which may cause bodily harm without appropriate training or equipment.
- Render First Aid if necessary. Decontaminated affected personnel after critical First Aid is given if appropriate.
- Obtain paramedic services or ambulance transport to local hospital. This procedure shall be followed even if there is no visible injury.
- Other personnel on site shall be evacuated to a safe distance until the superintendent determines that it is safe for work to resume. If there is any doubt regarding the condition of the area, work shall not commence until all safety issues are resolved.
- At the earliest time practicable, the superintendent shall contact the Project manager, giving details of the incident, and the steps taken to prevent its recurrence.
- A written report of the incident shall be forwarded to the Project manager within 24 hours following the incident.

There shall be on site at least one individual who is currently certified in First Aid and CPR within the last year. This individual shall be appointed as an alternate for the superintendent if he is incapacitated or needs assistance. Specific responsibilities for this individual shall be delineated by the superintendent.

4. Air Monitoring:

As a safety precaution, at all locations where photo-ionization detector (PID) readings exceed 2-5 ppm above background levels in the breathing zone continuously for 60 seconds, Level C respiratory protection will be worn by all personnel in the work area. This action level of 2 - 5 ppm is based on the OSHA Permissible Exposure Limit (PEL = 1 ppm) for Benzene.

Continued on page 10

SITE SAFETY & UNDERGROUND TANK CLOSURE PLAN
PAGE 10

Level C respiratory protection with a half-face air purifying respirator (Protection Factor of 10) will offer personnel protection up to 10 ppm.

Because of the possibility of exposure to VOC (Volatile organic) vapors from soil during tank removal and excavation activities, the worker breathing zone and general work areas will be monitored for VOC and petroleum hydrocarbon vapors with the PID at selected intervals. The PID accurately measures VOCs down to approximately 1 - 5 ppm. Respiratory protection will be worn by the work crew and all personnel within the work area until the respiratory requirements are downgraded by the superintendent. Respirators (Level C) will be worn if there is a malfunction of the PID.

5. Flammable, Explosive and Oxygen Deficient Atmospheres:

The superintendent or his designee will periodically monitor the work area near for the presence and concentration of flammable or explosive vapors and gases. a LEL meter will be used. In the event that explosive or flammable gases or vapors are detected the following criteria will apply:

Less than 1% LEL	Work proceeds with occasional monitoring
1% - 5% LEL	Contact superintendent and work may proceed with continuous monitoring if the source and type of vapor is generally known.
5% - 9% LEL	Superintendent must be on location, work may proceed with caution and continuous monitoring
10% or over 10% LEL	Stop work and special controls will be implemented as necessary

Because the explosive and flammable gas indicator is often combined with an atmospheric oxygen meter, the following criteria will be observed:

Over 22% oxygen	Stop work. Area may be oxygen enriched leading to possible flash fire. Notify superintendent.
20.7% to 21%	Normal atmospheric oxygen content.

Continued on page 11

SITE SAFETY & UNDERGROUND TANK CLOSURE PLAN
PAGE 11

19.5% to 20%	Proceed with caution. Atmosphere may be oxygen deficient or oxygen displacing gas may be present. Be prepared to stop work and evacuate.
Less than 19.5%	Stop work and evacuate area

In the event that an atmosphere is discovered that is equal to or less than 19.5% oxygen, the area shall be evacuated immediately. Any deviation from ambient oxygen levels (21%) must be immediately investigated.

ALL EMPLOYEES WORK ON THE "BUDDY SYSTEM" AND IF AN EMPLOYEE WAS KNOCKED OUT OR WAS NOT ABLE TO BREATHE HIS PARTNER WOULD SEE AND WOULD HELP HIM AND ADMINISTER FIRST AID. NO ONE IS ALLOWED TO WORK ALONE OR TO ENTER ANY EXCAVATION PIT.

ALL EMPLOYEES HAVE BEEN SAFETY & CPR TRAINED. ALL SITUATIONS FROM CUTS, HEAT EXHAUSTION, BURNS, ELECTRICAL SHOCK, BREATHING OF HAZARDOUS FUMES HAVE BEEN TAUGHT IN THE SAFETY CLASSES. WE HAVE NEVER HAD AN EMERGENCY IN 10 YEARS. ANY MEDICAL EMERGENCIES WOULD BE DEALT WITH AT THE HOSPITAL. IF AN EMPLOYEE HAD A LIFE THREATENING CUT, THEY HAVE BEEN TRAINED TO STOP THE BLEEDING TO THE POINT OF USING A TOURNIQUET.

Continued on Page 12

SECTION V: SPILL CONTAINMENT

If an emergency spill should occur the following steps shall be taken immediately.

1. Call "911" immediately and state what has occurred. They should notify CHP regarding the spill.
2. Call the local County Environmental Health Department and let them know what has occurred.
3. Try and contain the spill with absorbent "diapers" if the spill is liquid.
4. If the spill is liquid then we will dispatch another vacuum truck to vacuum up the liquid. If the spill is soil then we will dispatch a backhoe and transfer truck to clean up the soil.

We always have soil samples of any soil that is hauled and can show these results to the local authorities so they know exactly what the contamination is.

Any liquid that is hauled is normally 90% water contaminated with gas, diesel or waste oil

SITE SAFETY & UNDERGROUND TANK CLOSURE PLAN
PAGE 13

THE EMPLOYEES OF P.T.S. ENVIRONMENTAL SERVICE HAVE READ AND WILL ABIDE BY THIS HEALTH & SAFETY TANK REMOVAL CLOSURE PROPOSAL. DAILY SAFETY MEETINGS ("TAIL-GATE" SESSIONS) WILL BE HELD ON-SITE. THE HEALTH & SAFETY OFFICER, AL OESTERLING, WILL EXAMINE THE SITE FOR ANY SAFETY HAZARDS AND IF ANY EXIST THEY WILL BE CORRECTED BEFORE WORK IS STARTED. THERE WILL NOT BE ANY CONFINED SPACE ENTRY. SEE ENCLOSED FOR SPILL CONTAINMENT PROCEDURES.



PORT OF OAKLAND

February 25, 2002

FEB 28 2002

Barney Chan
Hazardous Materials Specialist
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502

**Re: Phase I Environmental Site Assessment;
Project Schedules, and Proposed Deliverables,
2225 and 2277 Seventh Street, Port of Oakland,
Oakland, California**

Dear Mr. Chan,

As a follow up to our meeting with you on January 30, 2002, and to address Alameda County Health Care Services Agency (County) requirements regarding the 2225 and 2277 Seventh Street sites (the Sites) in Oakland, we are transmitting the Expanded Phase I Environmental Site Assessment (Phase I report). Iris Environmental (Iris) prepared this Phase I report on behalf of the Port of Oakland (the Port). In addition, site investigation schedules are presented below to detail the two investigation programs currently underway in order to meet County requirements and to reflect the relationships between the two programs. The site redevelopment investigation to support design of the future Facilities Support Services Center (FFSSC) is being conducted by Iris. In accordance with the County-approved work plan, additional soil and groundwater characterization for the petroleum release sites at 2225 and 2277 Seventh Street is being conducted by Innovative Technical Solutions, Inc. (ITSI). As evidenced in these two schedule tables, and as we discussed, the two investigation programs are designed to address different site needs and are proceeding on parallel tracks.

Subsequent to our meeting with you, the Port has developed a tentative building layout for the FFSSC. One goal of the design program is to avoid or substantially limit placement of occupied structures over chemically impacted soil and groundwater. However, land use constraints may require at least limited placement of structures in these areas. Our consultant is currently developing the necessary sampling program to collect soil and groundwater chemical data to support a human health risk assessment adequate to meet Regional Water Quality Control Board (RWQCB) criteria. It is now time to solicit assistance from the RWQCB for concurrence with the site investigation, and ultimately to review the risk assessment. We would like to meet with you and the RWQCB soon to present the sampling program and work plan.

SITE REDEVELOPMENT INVESTIGATION SCHEDULE

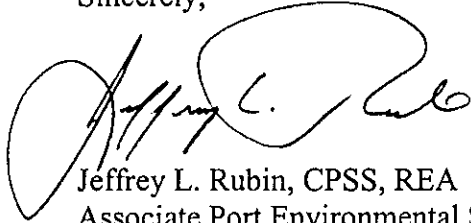
Task	Estimated Deliverable Date
Prepare site sampling work plan	March 4, 2002
Meet with County and RWQCB	Between March 4, 2002 and March 22, 2002
Conduct site sampling program	March 25 - 29, 2002 (assumes two-week County review of work plan)
Port evaluates data: <ul style="list-style-type: none"> • Delineate areas of impacted soil and groundwater, • Provide input to Facility design group for use in finalizing building layout, and • Assess scope of health risk assessment, based on relationship of buildings to impacted areas 	March 29-April 30, 2002 for internal Port review <i>goal to perform sampling @ end of March.</i> <i>RA for OK of development</i>
Prepare interim data report	April 30, 2002
Perform human health risk assessment and prepare report	May 30, 2002
RWQCB reviews human health risk assessment and report	May 30, 2002 – July 1, 2002
Identify mitigation measures, if necessary to reduce health risk in buildings and prepare Risk Management Plan, if needed (performed concurrently with RWQCB review)	June 30, 2002

ADDITIONAL PLUME CHARACTERIZATION SCHEDULE

Task	Estimated Deliverable Date
Conduct Additional Site Characterization	Complete Field Activities by February 21, 2002
Prepare Draft Feasibility Study Report (note that FS only for plume characterization and evaluation of remedial alternatives for the plume.)	May 31, 2002

Please use this Phase I report for your information needs. An additional copy has been included for transmittal to the RWQCB. We plan to submit Iris' site sampling work plan to you by March 4 for your review and approval. We request that a meeting be scheduled with you and the RWQCB subsequent to submittal of the sampling work plan. If we do not hear from you within the next two weeks, we will assume that the County concurs with above schedule and approach. If you have any questions concerning this Phase I report and the investigation schedules tabulated above, please contact me at (510) 627-1134.

Sincerely,



Jeffrey L. Rubin, CPSS, REA
Associate Port Environmental Scientist

cc: Chris Alger, Iris Environmental
Rachel Hess, ITSI

ADMINISTRATIVE SERVICES
FACILITIES
OAKLAND DISTRICT



February 14, 2002

Barney M Chan
Alameda County
Environmental Health Services
1131 Harbor Bay Pkwy Suite 250
Alameda CA 94502-6577

3775 / Ro16
FEB 19 2002

Subject: Environmental Investigation at USPS Oakland Vehicle Maintenance Facility
1675 7th Street Oakland CA 94615-9993

Dear Mr. Chan:

This is to inform you that Mr. Sean McFadden is no longer with the U.S. Postal Service. I will be the project manager for this project.

We also had hired the services of Mr. Frank R. Poss who is a registered environmental assessor to assist us in having this investigation brought to a closure. Please call Mr. Poss at (510) 434-9300 or myself at (510) 874-8542 if you have any questions. Mr. Poss will be contacting and communicating with your office regarding this project.

Sincerely,

A handwritten signature in cursive script that reads "Rolando Queyquep".

Rolando Queyquep
Architect Engineer

cc:
Frank Poss, PSI
L J Stallworth, PSI
Project file

1675 7TH STREET RM 328W
OAKLAND CA 94615-9101
(510) 874-8542
Fax: (510) 433-7545