



California Regional Water Quality Control Board
San Francisco Bay Region

REF R0 328



Terry Tamminen
Secretary for
Environmental
Protection

1515 Clay Street, Suite 1400, Oakland, California 94612
(510) 622-2300 • Fax (510) 622-2460
<http://www.swrcb.ca.gov/rwqcb2>

Arnold Schwarzenegger
Governor

Alameda County

MAR 25 2004

Date: March 26, 2004
File No. 07S0049 (MEJ)

Environmental Health

Jeff Garvens
Electro-Coatings, Inc.
9503 Middlex
San Antonio, TX 78217

Subject: Conditional Approval, March 2, 2004, Workplan for Soil and Groundwater Remediation, Electro-Coatings, 1421 Park Avenue and 1450 Horton Street, Emeryville, Alameda County

Dear Mr. Garvens:

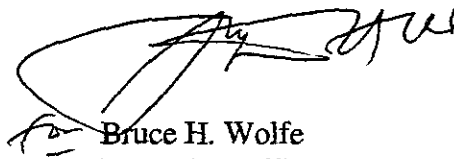
Regional Board staff have received and reviewed the above referenced Workplan, which proposes expanding the In-Situ Reactive Zone (IRZ) technology to include the 1450 Horton Street as well as the 1421 Park Avenue properties. The intent of this action is to reduce concentrations of hexavalent chromium and chlorinated solvents which were released from the former Electro-Coatings facility and have impacted shallow groundwater in the area.

The Workplan calls for the addition of approximately 21 new injection points on 1450 Horton Street and up to five more points on 1421 Park Avenue. Once installed, approximately 250 gallons of concentrated food-grade organic carbon reagent will be injected through each point per event. The injection of reagent will cause subsurface conditions to become highly reducing, thereby converting hexavalent chromium to a trivalent state and cause the solvents to dechlorinate. This technology has been highly successful on other areas of the site and similar results are anticipated in the areas addressed by the Workplan.

Based on our review of the Workplan, we find it generally acceptable. Our only concern is with regard to the confirmation sampling program proposed. We find a more rigorous program is needed to confirm the effectiveness of the remedial measures in achieving cleanup goals. You may move forward with immediately implementing the remedial actions proposed. In addition, please submit a revised confirmation groundwater monitoring program which is more comprehensive than the one contained within the existing workplan.

If you have any additional questions, please contact Mark Johnson of my staff at (510) 622-2493 [e-mail mej@rb2.swrcb.ca.gov].

Sincerely,

A handwritten signature in black ink, appearing to read "Bruce H. Wolfe", written over a horizontal line.

Bruce H. Wolfe
Executive Officer

cc:

Ignacio Dayrit
City of Emeryville
1333 Park Avenue
Emeryville 94608

Susan Hugo
Alameda County Health Agency
1131 Harbor Way Pkwy, 2nd Floor
Alameda, CA 94502

Aaron O'Brien
Tamalpias Environmental
32 Hill Dr.
Fairfax, CA 94930

Randy Hicks
R.T. Hicks Consultants, Ltd.
901 Rio Grande Blvd. NW, SuiteF-142
Albuquerque, NM 87104

Chu, Eva, Env. Health

From: Chu, Eva, Env. Health
Sent: Monday, October 27, 2003 2:54 PM
To: 'Michelle Hunter'
Subject: RE: 4050 horton

Hi Michelle,

Had a great vacation. Saw the fall foliage in Montreal and Quebec. Completed our vacation in NYC where we saw a few shows, etc.

You should prepare a risk evaluation for TPH and related COCs released from the USTs. You can compare the residual concentrations with the RWQCB's RBSLs (now called ESLs). If they are less than the RBSLs, you can recommend closure. Make a statement regarding the offsite contamination, coming into 4050 and how it will be resolved, etc.

eva

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

From: Michelle Hunter [mailto:mgh@rthicksconsult.com]
Sent: Monday, October 27, 2003 1:34 PM
To: Eva Chu
Subject: 4050 horton

Hi Eva:

I hope you had a good vacation.

The field program at 4050 Horton went pretty well.

However, I have a question. It turns out that there are no longer any petroleum constituents (with the exception of one soil sample five feet bgs in the street) present at the property. Therefore, I am hoping that you won't require me to write up the risk assessment evaluation of the other constituents that ARE present at the property (namely TCE).

The omission of the TCE risk data (for the UST submission only) would encourage some cooperative remediation down the road (not far down the road (hopefully within a month)) between the owner of the property and the responsible party.

The risk data would likely become public record at the RWQCB anyway, but leaving it out of this UST report would really encourage the RP to quickly get going on a joint remediation that would just solve the entire problem and make the whole risk evaluation issue moot.

Thanks very much,

Michelle

Michelle Hunter

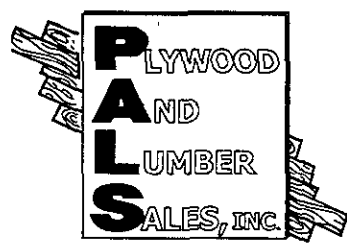
Project Scientist

R.T. Hicks Consultants Ltd

505.266.5004

fax 266.0745

RO-328



1618 28th ST., OAKLAND, CA 94608-4452 (800) 675-7257 (510) 547-7257 Fax (510) 547-2511

September 22, 2003

Alameda County

SEP 24 2003

Environmental Health

Ms. Eva Chu
Alameda County Health Care Services
1131 Harbor ay Parkway, Ste. 250
Alameda, CA 94502-6577


Dear Ms. Chu:

Thank you for your recent correspondence of September 8, 2003. Please note that Mr. Hunt of Plywood And Lumber Sales, Inc. has changed his business address and would prefer future mail to be directed to him at:

1618 28th Street
Oakland, CA 94608

Thank you very much for your cooperation.

Very truly yours,


Mike Bloomfield
Vice-President

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO0000328

September 8, 2003

Mr. Jeff Hunt
Plywood Lumber and Sales, Inc.
4050 Horton Street
Emeryville, California 94608

ENVIRONMENTAL HEALTH SERVICES

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

RE: Work Plan Approval for Plywood Lumber & Sales, Inc.
4050 Horton Street, Emeryville, California 94608

Dear Mr. Hunt:

I have completed review of RT Hicks Consultants, LTD's (Hicks) August 20, 2003 *Revision of August 14, 2003 Work Plan for Soil and Ground Water Investigation* report prepared for the above referenced site. Hicks proposed up to five (5) soil borings at the site. Soil and grab groundwater samples will be collected for TPHg, BTEX, MTBE, chlorinated solvents, and hexavalent chromium analyses. In addition, soil vapor samples will be collected at approximately 3 feet bgs for the same constituents, with the exception of chromium. The proposed work plan is acceptable with the following changes/additions:

- One of the four interior boreholes should be relocated and advanced southwest of the former UST. The existence or absence of preferential pathway for the migration of contaminants to and away from the site should be evaluated.
- The two proposed boreholes along the sidewalk should be advanced to 15 feet bgs, to delineate the vertical extent of contamination.
- A tight seal is required between the surface soil and probe interface to prevent ambient air infiltration when collecting soil vapor samples.

Field work should commence within 60 days of the date of this letter, or by **November 10, 2003**. Please provide at least 72 hours advance notice of field activities. Please contact me at (510) 567-6762 if you have any questions concerning the content of this letter.

eva chu
Hazardous Material Specialist

c: Donna Drogos
email: Michelle Hunter, RT Hicks Consultants

R.T. HICKS CONSULTANTS, LTD.

901 Rio Grande Boulevard NW ▲ Suite F-142 ▲ Albuquerque, NM 87104 ▲ 505.266.5004 ▲ Fax: 505.266.0745

August 20, 2003

Eva Chu
Alameda County Health Care Services Agency
Department of Environmental Health
80 Swan Way, Room 200
Oakland, CA 94621

**RE: Revision of August 14, 2003 Work Plan for Soil and Ground Water
Investigation at 4050 Horton Street Emeryville, CA**

Dear Ms. Chu:

On behalf of Plywood and Lumber Sales, Inc. (PALS), R.T. Hicks Consultants Ltd. proposes to sample soil and ground water at the above referenced property. The proposed soil and ground water investigation is to address additional information requested by Alameda County Health Care Services Agency in your June 24, 2003 letter to PALS regarding the former presence of an Underground Storage Tank removed from 4050 Horton Street in December 1990.

In the June 24, 2003 letter, ACHCS requested the following additional information regarding the site:

- Written confirmation regarding a September 1996 report that stated that soil boring 16 was completed one year before subsequent laboratory analysis.
- A written explanation as to why a Site Plan submitted with the September 1996 report stated that the investigation was at 2080 Horton
- A boring log for #16/B-16, if available
- Analysis of MTBE in groundwater
- A written evaluation of the need for a permanent ground water monitoring well at the site
- A risk assessment for the subject property

All previously gathered data indicates that a soil removal action conducted in 1994 sufficiently removed subsurface hydrocarbons from the soil at the property. We hope that the information gathered in this proposed soil and ground water investigation will cause the ACHCS to close the environmental file for property located at 4050 Horton Street.

Scope of Work

In preparation for the ground water and soil investigation, we will acquire the appropriate permits from Alameda County and the City of Emeryville.

We will mobilize a "direct push" sampling unit to the site and acquire one sample each of ground water and soil down gradient (in Horton Street) from the former tank location. Additionally, we will sample soil and ground water in four locations on the property for BTEX, TPHg, and MTBE (see Plate 1). Because the property lies within an area that was impacted by activities from the adjacent Electro-Coatings, Inc. site, we will request laboratory analysis of all soil and ground water samples for total and hexavalent chromium and chlorinated solvents. The analysis for solvents and hexavalent chromium is necessary in order to determine if any on-site hydrocarbons materially add to any health or environmental risk posed by migration of solvents or chromium from the former Electro-Coatings site. A California Department of Health Services certified analytical laboratory will analyze all samples using approved methodology.


We will advance each borings to ten feet. We will continuously log all borings and collect soil samples at five-foot intervals (at 5 feet and 10 feet) and at changes in lithology at each location. Each sample will be analyzed on-site with a photo-ionization detector (PID) to determine which samples we will send for laboratory analyses. We will sample ground water when we encounter it (most likely around 7 feet BGS).

In addition to the soil and ground water samples, we will place additional borings adjacent to each of the previously selected four sampling locations at the site to collect soil vapor at approximately 3 feet BGS at each location. We will request analyses of the same constituents as soil and ground water, with the exception of chromium. We will send the soil vapor samples to a laboratory that specializes in analysis of air samples to ensure the lowest detection limits possible.

We will use the data gathered during the subsurface investigation to evaluate the need for a permanent ground water monitoring well, as requested by the ACHCS. Additionally, we will submit the boring log of B-16 and resolve the apparent typographical errors with Subsurface Consultants in their September 1996 submission to resolve ACHCS's questions regarding it. We will use the data collected at the site to address the risk associated with residual substances present in the subsurface. Finally, we will submit a final report (that includes the risk assessment) to the ACHCS within 30 days of the field activities at the property.

All work at the site will be performed under the direct supervision of a Randall Hicks, a California Registered Geologist. Additionally, because either I or Andrew Parker will perform the fieldwork, I have attached his statement of qualifications.

Sincerely,
R.T. Hicks Consultants Ltd.,

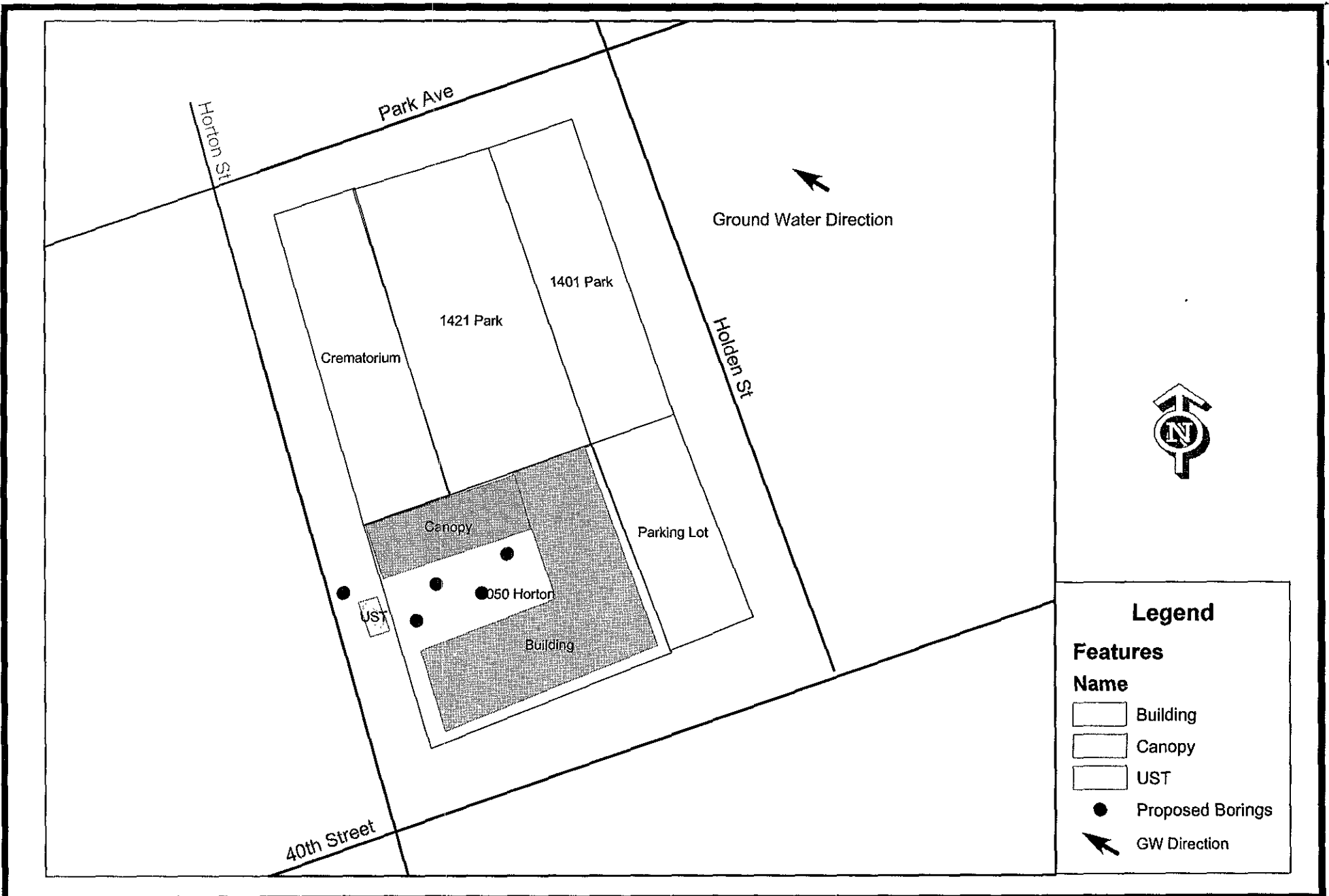
A handwritten signature in black ink, appearing to be 'Michelle Hunter', with a horizontal line extending to the right.

Michelle Hunter
Project Scientist

A handwritten signature in black ink, appearing to be 'Randall T. Hicks', written in a cursive style.






Randall Hicks, RG
Principal

c: Mike Carey, LMA
Jeff Hunt, PALS
Mike Bloomfield, PALS
Randall Morrison, CHRM



Legend

Features Name

-  Building
-  Canopy
-  UST
-  Proposed Borings
-  GW Direction

R.T. Hicks Consultants, LLC

219 Central NW, Smt 266
 Albuquerque, NM 87102
 Ph: 505.266.5004

Proposed Boring Location Map

LMA: 4050 Horton St.

Figure 1

August 13, 2003

Chu, Eva, Env. Health

From: Chu, Eva, Env. Health
Sent: Tuesday, August 19, 2003 3:09 PM
To: Michelle Hunter (E-mail)
Cc: 'RMorrison@ReedSmith.com'
Subject: 4050 Horton, Emeryville

Hi Michele,

Just completed review of the workplan and case file for the above referenced site. Here are my comments:

- Work plan requires an RG or PE to sign off (also for any reports submitted to this agency).
- How deep do you anticipated advancing each borehole?
- I recommend that soil vapor samples also be collected from each proposed boring, where vapor samples are collected at approximately 3 feet bgs. Soil vapor samples should be analyzed for TPHg, BTEX, MTBE, and HVOCS. The vapor data can be used in your risk evaluation. Detections limits should be lower than RBSLs (such as the RWQCB's RBSLs).
- Groundwater from the boring downgradient of the former UST should also be analyzed for hexavalent Cr and HVOCS.
- It is standard operating procedures to collect soil samples at 5 feet interval and at changes in lithology. Soil samples should be field screened to determine which sample(s) should be selected for laboratory analysis.
- Previous investigations identified soil contamination to at least 8 feet bgs. Please be sure soil samples are collected in excess of 8 feet bgs to determine the vertical extent of soil contamination in the vicinity of the former UST.
- All boreholes should be continuously logged so geologic cross sections can be prepared.

Please amend the workplan if you agree with the above.

BTW, if groundwater flows to the northwest, how is 4050 downgradient from 1401 Park? It looks more like it's cross-gradient.

eva chu

Alameda County Environmental Health
Sr Environmental Health Specialist
1131 Harbor Bay Parkway
Alameda, CA 94502
(510) 567-6762
(510) 337-9234 (fax)

R.T. HICKS CONSULTANTS, LTD.

219 Central Avenue NW ▲ Suite 266 ▲ Albuquerque, NM 87102 ▲ 505.266.5004 ▲ Fax: 505.246.1818

August 14, 2003

Eva Chu
Alameda County Health Care Services Agency
Department of Environmental Health
80 Swan Way, Room 200
Oakland, CA 94621

**RE: Work Plan for Soil and Ground Water Investigation at 4050 Horton Street
Emeryville, CA**

Dear Ms. Chu:

On behalf of Plywood and Lumber Sales, Inc. (PALS), R.T. Hicks Consultants Ltd. proposes to sample soil and ground water at the above referenced property. The proposed soil and ground water investigation is to address additional information requested by Alameda County Health Care Services Agency in your June 24, 2003 letter to PALS regarding the former presence of an Underground Storage Tank removed from 4050 Horton Street in December 1990.

In the June 24, 2003 letter, ACHCS requested the following additional information regarding the site:

- Written confirmation regarding a September 1996 report that stated that soil boring 16 was completed one year before subsequent laboratory analysis.
- A written explanation as to why a Site Plan submitted with the September 1996 report stated that the investigation was at 2080 Horton
- A boring log for #16/B-16, if available
- Analysis of MTBE in groundwater
- A written evaluation of the need for a permanent ground water monitoring well at the site
- A risk assessment for the subject property

All previously gathered data indicates that a soil removal action conducted in 1994 sufficiently removed subsurface hydrocarbons from the soil at the property. We hope that the information gathered in this proposed soil and ground water investigation will cause the ACHCS to close the environmental file for property located at 4050 Horton Street.

Scope of Work

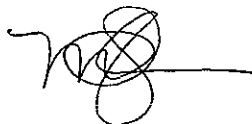
In preparation for the ground water and soil investigation, we will acquire the appropriate permits from Alameda County and the City of Emeryville.

We will mobilize a "direct push" sampling unit to the site and acquire one sample each of ground water and soil down gradient (in Horton Street) from the former tank location. We will request laboratory analysis of BTEX, TPHg, and MTBE. Additionally, we will sample soil and ground water in four locations on the property for the above analytes (except MTBE in soil). Because the property lies within an area that was impacted by activities from the Electro-Coatings, Inc. site (up gradient, at 1401 Park Avenue), we will request laboratory analysis of these four on-site soil and ground water samples for total and hexavalent chromium and chlorinated solvents. The analysis for solvents and hexavalent chromium is necessary in order to determine if any on-site hydrocarbons materially add to any health or environmental risk posed by migration of solvents or chromium from the former Electro-Coatings site. A California Department of Health Services certified analytical laboratory will analyze all samples using approved methodology.

We will use the data gathered during the subsurface investigation to evaluate the need for a permanent ground water monitoring well, as requested by the ACHCS. Additionally, we will submit the boring log of B-16 and resolve the apparent typographical errors with Subsurface Consultants in their September 1996 submission to resolve ACHCS's questions regarding it. We will use the data collected at the site to address the risk associated with residual substances present in the subsurface. Finally, we will submit a final report (that includes the risk assessment) to the ACHCS within 30 days of the field activities at the property.

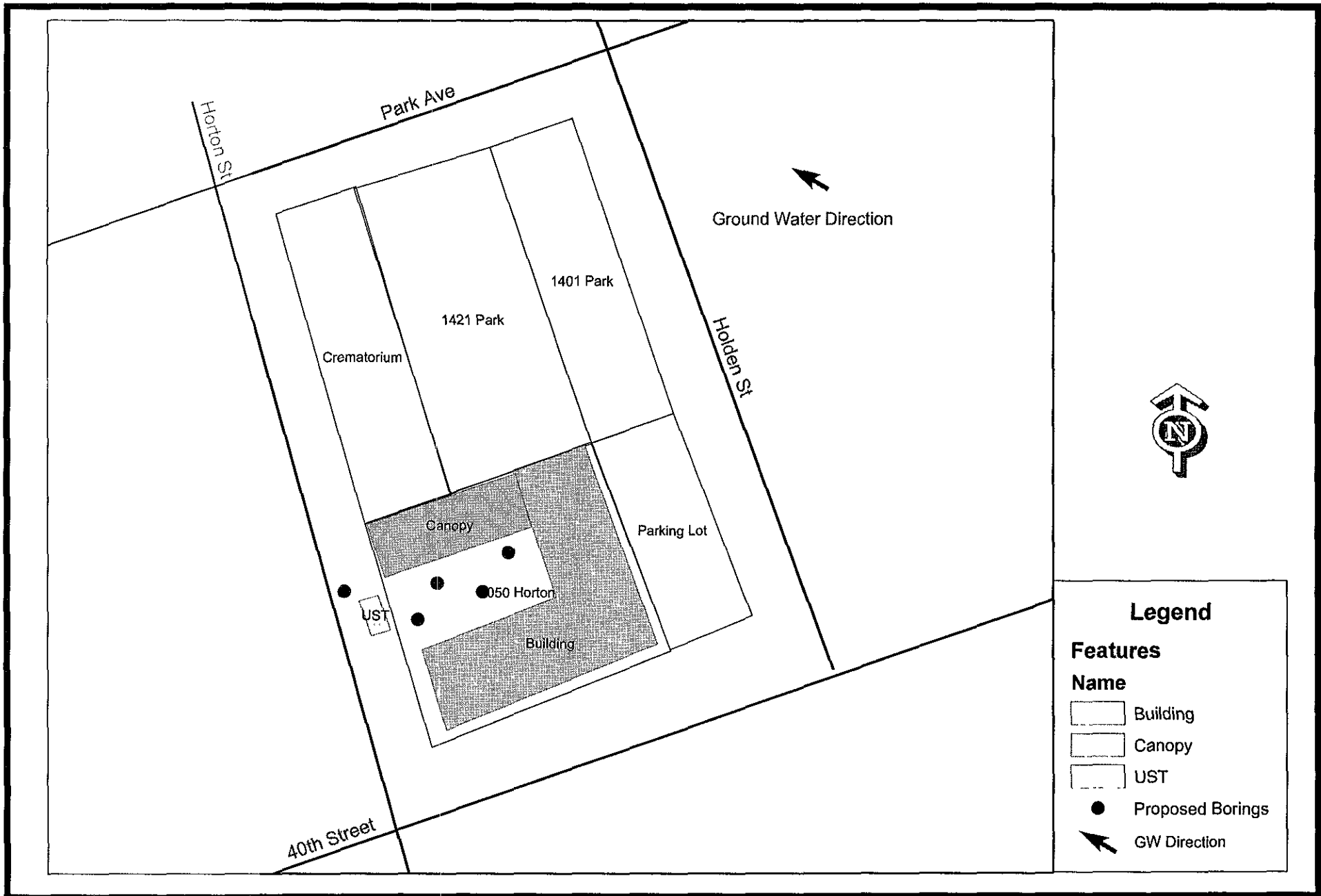
All work at the site will be performed under the direct supervision of a Randall Hicks, a California Registered Geologist. Additionally, I have attached my statement of qualifications.

Sincerely,
R.T. Hicks Consultants Ltd.,








Michelle Hunter
Project Scientist

c: Mike Carey, LMA
Jeff Hunt, PALS
Mike Bloomfield, PALS
Randall Morrison, CHRM



Legend

Features Name

-  Building
-  Canopy
-  UST
-  Proposed Borings
-  GW Direction

R.T. Hicks Consultants, LLC

219 Central NW, Suite 266
 Albuquerque, NM 87102
 Ph: 505.266.5004

Proposed Boring Location Map

LMA: 4050 Horton St.

Figure 1

August 13, 2003

R.T. HICKS CONSULTANTS, LTD.

Michelle Gallagher Hunter
Project Scientist

Ms. Hunter is a Project Scientist with seven years of experience in the environmental field. She is currently working on projects in New Mexico, Colorado, Illinois, North Carolina, and California. She has served as a project manager and support scientist for a variety of projects ranging from site characterization and risk assessment to restoration and preservation of stream and wildlife habitat. She has managed and supervised large field investigations at petroleum sites in New Mexico, California and Texas. In addition to planning and implementing field sampling programs, Ms. Hunter has an in depth understanding of laboratory analyses and methodology. Ms. Hunter's experience includes participation in the projects described below.

- Implementation of regulatory and technical strategies to convert a former industrial facility to a residential redevelopment. At this site, carcinogenic chromium and other compounds were present in the subsurface. The previous owner completed a bioremediation program that reduced concentrations of the constituents of concern. Ms. Hunter worked with the California state, county, and city regulators to evaluate the risks and then close the environmental file for the site in a timely manner so that redevelopment activities could begin. She organized and supervised the demolition of the facility. Part of the demolition program involved the production of an environmental fact sheet and air monitoring report to permit the neighbors to understand the environmental history of the site and safeguards implemented during demolition. Our client started construction of the residential development in 2003.
- Rice Operating Company of Hobbs, NM retained Hicks Consultants to develop a program to address environmental issues associated with produced water spills. Ms. Hunter developed a plan for soil restoration using soil-leaching techniques developed by the American Petroleum Institute. The New Mexico Oil Conservation Division approved the soil restoration plan.
- Project manager for environmental due diligence programs in California, Louisiana, New Mexico, and Nevada. During the due diligence period associated with real estate transactions, she identifies environmental conditions that may hamper redevelopment and works with regulatory agencies, landowners, and subcontractors to implement the best strategies for redevelopment. Ms. Hunter then works with the regulatory agency, the developer, and the seller to resolve environmental issues.
- Organized and implemented a comprehensive industrial hygiene study at a large semi-conductor facility and cleanroom. The study included air monitoring and sampling both inside and outside of the cleanroom.
- Responsible for the QA/QC program and a Risk Assessment at a Refinery site in New Mexico. The Refinery was a RCRA facility and subject to an EPA Administrative Order to address subsurface hydrocarbons. Because hydrocarbon

Education and Training:

B.S., Biological Science

University of New Mexico, 1995

Candidate for Masters of Water Resources, University of New Mexico, anticipated graduation 2004

National Ground Water Association-Risk Based Evaluation and Assessment of Contaminated Sites

Natural Attenuation, Risk Assessment, and Risk Based Corrective Action: Analysis and Decision making

40 Hour Hazardous Waste Operations and Emergency Response 29 CFR 1910.12 August 1998

Asbestos Inspector 40 CFR 763 No. 100898-01

Relevant Experience:

QA/QC Officer, Assaigai Analytical Laboratories, Albuquerque New Mexico 1995-1997

R.T. HICKS CONSULTANTS, LTD.

Michelle Gallagher Hunter
Project Scientist

constituents migrated off-site, QA/QC sampling protocol was required both on and off the site. All data generated at the site was carefully reviewed using QA/QC controls specific to the site. The data were used to evaluate the risks posed by the hydrocarbons in groundwater. The risk assessment helped demonstrate that natural attenuation was an effective remedy. The New Mexico Oil Conservation Division approved the natural attenuation remedy at this site.

- For a large natural gas processing plant, Ms. Hunter supervised ground water sampling programs required by existing environmental permits. She organized the data and prepared the annual reports to the New Mexico Oil Conservation Division.
- Provided cost estimates and conceptual remedies for environmental restoration of ranch land in Colorado. The Federal government disposed of soil and other debris from a large excavation onto this private land. The landowner was concerned that this debris could contaminate ground water and the nearby Navajo River. Ms. Hunter sampled ground water and surface water to determine the extent of environmental degradation at the ranch.

Publications and Presentations
International Petroleum Environmental Conference
"When Ground Water Isn't Ground Water"
November 2000

International Petroleum Environmental Conference
"Introduction of Produced Water into Waters of the US"
October 2002

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

RO0000328

June 24, 2003

Mr. Jeff Hunt
Plywood Lumber and Sales, Inc.
4050 Horton Street
Emeryville, California 94608

RE: Additional Information and Investigation, Plywood Lumber & Sales, Inc.
4050 Horton Street, Emeryville, California 94608

Dear Mr. Hunt:

Alameda County Environmental staff has recently reviewed the file regarding the above referenced site. In December 1990, a 1000-gallon underground storage tank (UST) was removed. Soil and groundwater samples collected from the tank excavation revealed that a release of petroleum hydrocarbon had occurred at the site.

Between June 1992 and June 1993, up to 15 test borings were completed at the site to depths ranging from 9.5 to 15.5 feet bgs to delineate the extent of soil contamination. Approximately 600 tons of hydrocarbon-impacted soil and 130 tons of lead-impacted soil were excavated. Final confirmation soil samples were collected. Up to 0.27ppm benzene remain in soil at 7 to 9 feet bgs.

A soil boring (B-16) was advance within 15 feet and west of the former UST. A grab groundwater sample from the borehole contained 1,100ppb TPHg, 60ppb benzene, 190ppb TCE, and 56,000ppb Cr. It is believed that the TCE and Cr in groundwater is associated with the neighboring Electro-Coatings plume.

In order to facilitate closure of the case, the following requires clarification and additional information regarding the release associated with the former gasoline tank:

1. Please confirm that boring 16 was completed in January 1995 and that the laboratory data that shows that B-16 was first sampled and analyzed in January 1996 is correct. Please explain why the Site Plan states that the investigation was at 2080 Horton, although it appears to be the subject property.
2. Provide a boring log for #16/B-16, if available.
3. Analysis for MTBE in groundwater is required.
4. An evaluation of the need for a permanent ground water monitoring well at the site.

Mr. Hunt
4050 Horton, Emeryville
June 24, 2003
Page 2 of 2

5. Provide an evaluation that assesses whether residual soil and ground water contamination poses a risk to human health or the environment.

Please submit a response and/or a work plan to collect the necessary data to this agency no later than **August 15, 2003**.

All proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professional involved with the project.

Please contact me at (510) 567-6762 if you have any questions concerning this letter.

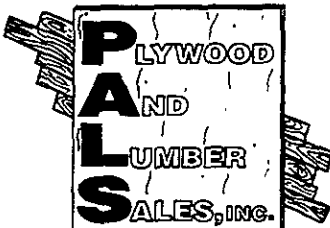
Sincerely,



Eva Chu
Hazardous Material Specialist

c: Donna Drogos

LOP 4255



ENVIRONMENTAL
PROTECTION
00 FEB -4 PM 3:12

4050 Horton Street, Emeryville, CA 94608 (510) 547-7257 Fax (510) 547-2511

Susan Hugo
Environmental Health Services
Environmental Protection
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

February 1, 2000

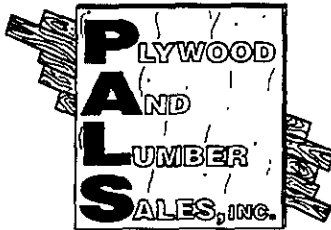
SUBJECT: *Plywood and Lumber Sales, Inc. (STID# 4255), 4050 Horton Street, Emeryville California 94608)*

Dear Susan,

I have completed the two letters you requested regarding the site closure process. If you need any further action by us or require any further information please contact me directly. Please keep us informed as to the status of our request. Thank you for your time and attention.

Sincerely,

Patti Wells
Plywood and Lumber Sales, Inc.



4050 Horton Street, Emeryville, CA 94608 (510) 547-7257 Fax (510) 547-2511

Environmental Health Services
Environmental Protection
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

SUBJECT: CERTIFIED LIST OF RECORD FEE TITLE OWNERS FOR(*Plywood and Lumber Sales, Inc. (STID# 4255), 4050 Horton Street, Emeryville California 94608*)

(Note: Fill out item 1 if there are multiple site landowners. If you are the sole site landowner, skip item 1 and fill out item 2.)

1. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (*name of primary responsible party*), certify that the following is a complete list of current record fee title owners and their mailing addresses for the above site:
2. In accordance with section 25297.1(a) of Chapter 6.7 of the Health & Safety Code, I, (*Plywood and Lumber Sales, Inc.*), certify that I am the sole landowner for the above site.

Contact person- Patti Wells (510) 547-7257

Sincerely,

Jeffrey L. Hunt
President
Plywood and Lumber Sales, Inc



4050 Horton Street, Emeryville, CA 94608 (510) 547-7257 Fax (510) 547-2511

Environmental Health Services
Environmental Protection
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

February 1, 2000

**SUBJECT: NOTICE OF PROPOSED ACTION SUBMITTED TO LOCAL AGENCY
FOR (*Plywood and Lumber Sales, Inc.* (STID# 4255), 4050 Horton Street, Emeryville
California 94608)**

In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (*Plywood and Lumber Sales, Inc.*), certify that I have notified all responsible landowners of the enclosed proposed action. Check space for applicable proposed action(s):

- cleanup proposal (corrective action plan)
- site closure proposal
- local agency intention to make a determination that no further action is required
- local agency intention to issue a closure letter

Contact person- Patti Wells (510) 547-7257

Sincerely,

Jeffrey L. Hunt
President
Plywood and Lumber Sales, Inc

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9432

January 11, 2000

Mr. Jeffrey Hunt
Plywood Lumber & Sales
4050 Horton Street
Emeryville, California 94608

**RE: Plywood Lumber & Sales (STID# 4255)
4050 Horton Street, Emeryville California 94608**

LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS

Dear Mr. Hunt:

This letter is to inform you of new legislative requirements pertaining to cleanup and closure of sites where an unauthorized release of hazardous substance, including petroleum, has occurred from an underground storage tank (UST). Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code requires the primary or active responsible party to notify all current record owners of fee title to the site of: 1) a site cleanup proposal, 2) a site closure proposal, 3) a local agency intention to make a determination that no further action is required, and 4) a local agency intention to issue a closure letter. Section 25297.15(b) requires the local agency to take all reasonable steps to accommodate responsible landowners' participation in the cleanup or site closure process and to consider their input and recommendations.

For purposes of implementing these sections, you have been identified as the primary or active responsible party. Please provide to this agency, within twenty (20) calendar days of receipt of this notice, a complete mailing list of all current record owners of fee title to the site. You may use the enclosed "list of landowners" form (sample letter 2) as a template to comply with this requirement. If the list of current record owners of fee title to the site changes, you must notify the local agency of the change within 20 calendar days from when you are notified of the change.

If you are the sole landowner, please indicate that on the landowner list form. The following notice requirements do not apply to responsible parties who are the sole landowner for the site.

LANDOWNER NOTIFICATION
Re: 4050 Horton Street, Emeryville
January 11, 2000
Page 2 of 2

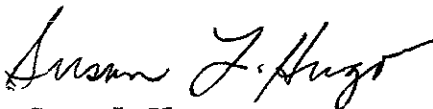
In accordance with Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code, you must certify to the local agency that all current record owners of fee title to the site have been informed of the proposed action before the local agency may do any of the following:

- 1) consider a cleanup proposal (corrective action plan)
- 2) consider a site closure proposal
- 3) make a determination that no further action is required
- 4) issue a closure letter

You may use the enclosed "notice of proposed action" form (sample letter 3) as a template to comply with this requirement. Before approving a cleanup proposal or site closure proposal, determining that no further action is required, or issuing a closure letter, the local agency will take all reasonable steps necessary to accommodate responsible landowner participation in the cleanup and site closure process and will consider all input and recommendations from any responsible landowner.

Please call me at (510) 567-6780 should you have any questions about the content of this letter.

Sincerely,



Susan L. Hugo
Hazardous Materials Specialist

Attachments

cc: Chuck Headlee, RWQCB
SH / files

SAMPLE LETTER (2): LIST OF LANDOWNERS FORM

Name of local agency
Street address
City

SUBJECT: CERTIFIED LIST OF RECORD FEE TITLE OWNERS FOR (*Site Name and Address*)

(Note: Fill out item 1 if there are multiple site landowners. If you are the sole site landowner, skip item 1 and fill out item 2.)

1. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (*name of primary responsible party*), certify that the following is a complete list of current record fee title owners and their mailing addresses for the above site:

2. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (*name of primary responsible party*), certify that I am the sole landowner for the above site.

Sincerely,

Signature of primary responsible party

Name of primary responsible party

SAMPLE LETTER 3: NOTICE OF PROPOSED ACTION SUBMITTED TO LOCAL AGENCY

Name of local agency
Street address
City

SUBJECT: NOTICE OF PROPOSED ACTION SUBMITTED TO LOCAL AGENCY FOR
(Site Name and Address)

In accordance with section 25297,15(a) of Chapter 6.7 of the Health & Safety Code, I, (*name of primary responsible party*), certify that I have notified all responsible landowners of the enclosed proposed action. Check space for applicable proposed action(s):

cleanup proposal (corrective action plan)

site closure proposal

local agency intention to make a determination that no further action is required

local agency intention to issue a closure letter

Sincerely,

Signature of primary responsible party

Name of primary responsible party

cc: Names and addresses of all record fee title owners

LOP - RECORD CHANGE REQUEST FORM

printed:
01/03/2000

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

Insp: SH

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 8006619
StID : 4255 LOC: 09/07/1993
SITE NAME: Plywood Lumber & Sales DATE REPORTED : 02/27/1991
ADDRESS : 4050 Horton St DATE CONFIRMED: 02/27/1991
CITY/ZIP : Emeryville 94608 MULTIPLE RPs : N

SITE STATUS

CASE TYPE: O CONTRACT STATUS: 4 PRIOR CODE:2B4 EMERGENCY RESP:
RP SEARCH: S DATE COMPLETED: 10/13/1992
PRELIMINARY ASMNT: DATE UNDERWAY: DATE COMPLETED:
REM INVESTIGATION: DATE UNDERWAY: DATE COMPLETED:
REMEDIAL ACTION: DATE UNDERWAY: DATE COMPLETED:
POST REMED ACT MON: DATE UNDERWAY: DATE COMPLETED:

ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 10/13/1992
LUFT FIELD MANUAL CONSID: 2HSCAWG
CASE CLOSED: DATE CASE CLOSED:
DATE EXCAVATION STARTED : REMEDIAL ACTIONS TAKEN: ED

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: Mr. Jeffrey Hunt
COMPANY NAME: Plywood Lumber & Sales
ADDRESS: 4050 Horton Street
CITY/STATE: Emeryville, California 94608

INSPECTOR VERIFICATION:

NAME _____ SIGNATURE _____ DATE _____

DATA ENTRY INPUT:

Name/Address Changes Only

Case Progress Changes

ANNPGMS _____ LOP _____ DATE _____

LOP _____ DATE _____

Listing of HAZMAT - FULL SITE HISTORY since 1987 for StID # 4255
as of 01/03/2000 all Activity Codes

SITE NAME & ADDRESS:

Plywood Lumber & Sales -- 4050 Horton St , Emeryville CA 94608

InspDat	Insp Act	InspT	StID	Proj#	COMMENTS	DailBDat
=====	=====	=====	=====	=====	=====	=====

Archived Dailies:

InspDat	Insp Act	InspT	StID	DRPro	Comment	DailBDat
-----	-----	-----	-----	-----	-----	-----
02/24/1992	SH	83	1. 4255	-0-	4050 Horton St., Oakland 94608	-0-

Current Dailies:

InspDat	Insp Act	InspT	StID	DRPro	Comment	DailBDat
-----	-----	-----	-----	-----	-----	-----
04/17/1998	SH	200	1. 4255	30503	Evaluate site closure	
03/05/1999	SH	200	1. 4255	30500	Review case file for closure	
04/14/1999	SH	200	0.7 4255	3050C	Review case file	
06/16/1999	TP	200	0.1 4255	30506	review for Fund	

Complete

ALAMEDA COUNTY ENVIRONMENTAL HEALTH - HAZARDOUS MATERIALS PROGRAM
INFORMATION PER SITE ON ALL DEPOSITS FROM ALL PAYORS

as of 01/03/2000

DATABASE: DEPREF
~~~~~

=====  
SITE INFORMATION from DepRef DB  
=====

Plywood Lumber And Sales  
4050 Horton St  
Emeryville CA 94608

StID: 4255 Site#: 3050  
Site Complete? -0-

=====  
ALL PAYORS ON SITE  
=====

> Project# 3050A for Payor# 315 Zaccor Corp  
791 Hamilton Ave  
Menlo Park CA 94025

DR:WkShtPay

=====  
DEPOSIT INFORMATION  
=====

| Project#                   | Rcpt#  | DepDate    | DepAmount | Proj<br>Type | Deposit<br>Complete | Insp<br>Init | Collect<br>Fees? |
|----------------------------|--------|------------|-----------|--------------|---------------------|--------------|------------------|
| 3050A                      | <----- |            |           |              |                     |              |                  |
|                            | 577150 | 11/30/1990 | \$375.00  | R            | -0-                 | DB           | -0-              |
| Total Deposit for Project: |        |            | \$375.00  |              |                     |              |                  |
| -----                      |        |            |           |              |                     |              |                  |
| Total Deps for all Sites : |        |            | \$375.00  |              |                     |              |                  |

Report WkShtDep Complete; 6/99

LAST WORK DATE FROM BILLING ON THIS SITE: -0-

4255

Printed: \*\*\*\*\*

\*\*\*\*\* Alameda County Department of Environmental Health \*\*\*\*\*  
BILLING's WORKLOG: Total Deposit/Refund History for All Accounts at Site  
~~~~~

** SITE INFORMATION **

Site#: 3050 -- StID: 4255 PLYWOOD LUMBER & SALES
Date Open: ***** 4050 HORTON STREET
Date Closed: EMRYVILLE CA 94608

** PAYOR INFORMATION **

> Project # --3050A for Payor # 315 Zaccor Corp.
791 Hamilton Ave.
Menlo Park CA 94025

** DEPOSIT HISTORY **

Proj#	Deposit Date	Receipt#	Amount Received
-----	-----	-----	-----
--3050A	*****	577150	\$ 375.00
			=====
			\$ 375.00

** WORKLOG HISTORY **

Proj#	Work Date	Activity Description	Insp	Time (hrs)	Amount Charged
-----	-----	-----	----	-----	-----
--3050a	*****	tank removal/plan review		1.25	\$75.00
--3050a	*****	Tank pulled		2.5	\$150.00
--3050a	*****	review file/closure		1.	\$67.00

					\$292.00

Balance:

Amount Refunded:

=====



Cal/EPA

**State Water
Resources
Control Board**

**Division of
Clean Water
Programs**

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

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

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

February 20, 1997

PLYWOOD & LUMBER SALES, INC.
4050 HORTON ST
EMERYVILLE, CA 94608

UNDERGROUND STORAGE TANK CLEANUP FUND PROGRAM, NOTICE OF PROPOSED WITHDRAWAL OF LETTER OF COMMITMENT AND CLAIM CLOSURE: CLAIM NUMBER 002394; FOR SITE ADDRESS 4050 HORTON ST, EMERYVILLE 94608

Our letter dated July 5, 1996 requested that you submit a reimbursement request with the supporting documentation or submit a written explanation as to the status of the cleanup and when a reimbursement request could be expected. We received a response dated August 5, 1996 and you were granted an extension of six months to submit a reimbursement request. We have not received a reimbursement request to date.

This letter is to notify you that the Underground Storage Tank Cleanup Fund (Fund) is proposing to withdraw your LOC and close your claim from the Fund for the following reason:

Your last reimbursement request was received by the Fund on May 24, 1995. If you do not submit a reimbursement request or adequate explanation within 30 calendar days, the Fund will proceed with the closure of your claim.

If you are not in agreement with this decision, you may request a review of the decision by the Manager of the Underground Storage Tank Cleanup Fund Program within thirty (30) days from the date of this letter. Please send any request for review to:

Mr. Dave Deaner, Manager Claim No. 002394
State Water Resources Control Board
Division of Clean Water Programs
P. O. Box 944212
Sacramento, CA 94244-2120

If a request for review of this decision is not received within thirty (30) days from the date of this letter, your LOC will be withdrawn and your claim will be closed. This action will become final and conclusive and you will not be able to request any additional funds.

If you have any questions, please contact Linda Boller at (916) 227-2787.

Sincerely,

Linda Boller for
Steve Parada, Reimbursements
Underground Storage Tank Cleanup Fund

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

501 # 4255

SH



Pete Wilson
Governor



Recycle Paper

Our support comes from the spirit of California's natural resources and the people who care for them. Let's protect and improve them.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, DIRECTOR

December 7, 1995
STID# 4255

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

Mr. Jeff Hunt
Plywood Lumber and Sales, Inc.
4050 Horton Street
Emeryville, California 94608

RE: Work Plan Amendment 1 - Groundwater Investigation
Plywood Lumber & Sales, Inc.
4050 Horton Street, Emeryville, California 94608

Dear Mr. Hunt:

This office has recently reviewed the Work Plan Amendment 1 for groundwater investigation (May 22, 1995) prepared and submitted by SCI, Inc. for the referenced site. It is my understanding that this latest work plan submittal has not been implemented.

In order to facilitate closure of the case, the threat / impact to water quality of the release associated with the former gasoline tank must be determined. The proposed work plan amendment 1 includes the following:

- 1) Collect soil and groundwater samples from a test boring drilled in the downgradient direction and within 10 feet of the former tank;
- 2) Analyze for TPH gasoline, TPH diesel, TOG, BTEX, lead, chromium, chlorinated solvents and TDS.

The proposed work plan is acceptable to this agency. The work plan must be implemented in a timely manner no later than January 7, 1995.

Please notify this office at least 72 hours in advance of any field activity so a site visit can be arranged by a representative from this office.

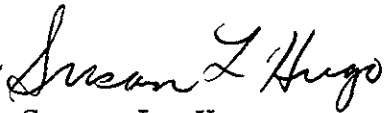
A report must be submitted to this agency within 45 days after completion of the work at the site.

All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professionals involved with the project.

Mr. Jeff Hunt
RE: 4050 Horton Street, Emeryville
December 7, 1995
Page 2 of 2

Please contact me at (510) 567-6780 if you have any questions concerning this letter.

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

NSP
c: Jun Makishima, Interim Director, Environmental Health
Gordon Coleman, Acting Chief, Environmental Protection / file
Kevin Graves, San Francisco Bay RWQCB
Jerian Alexander, SCI 171 12th Street, Suite 201
Oakland, CA 94607

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

March 29, 1995
STID# 4255

ALAMEDA COUNTY-ENV. HEALTH DEPT.
ENVIRONMENTAL PROTECTION DIV.
1131 HARBOR BAY PKWY., #250
ALAMEDA CA 94502-6577
(510)567-6700

Mr. Jeff Hunt
Plywood Lumber and Sales, Inc.
4050 Horton Street
Emeryville, California 94608

**RE: Underground Storage Tank Removal at Plywood Lumber & Sales
4050 Horton Street, Emeryville, California 94608**

Dear Mr. Hunt:

The Alameda County Department of Environmental Health, Environmental Protection Division has reviewed the files concerning the removal of a 1000 gallon underground gasoline storage tank on December 10, 1990 at the referenced site. This office is in receipt of the Soil Contamination Assessment and Work Plan for Soil Remediation and Groundwater Quality Assessment Report (November 16, 1993) and the Soil Remediation - Gasoline Tank Area Report (August 18, 1994).

Soil samples collected from the excavation wall at approximately 6 feet depth indicated the presence of petroleum hydrocarbon contamination as high as 177 ppm TOG, 44 ppm TPH as diesel, 68 ppm TPH gasoline, 2.2 ppm benzene, 1.6 ppm toluene, 0.45 ppm ethyl benzene, and 1.1 ppm xylene. Groundwater sample collected from the bottom of the excavation showed contamination as high as 200 ppm TPH gasoline, 19 ppm TPH diesel, 6.4 ppm TOG, 11 ppm benzene, 10 ppm toluene, and 4.8 ppm xylene.

On June 18, 1993 six soil borings were drilled and the lateral extent of hydrocarbon contamination was found to be localized to soils within approximately 30 feet of the former tank. Contaminated soils were excavated from the site in June 1994. Confirmation soil sample showed residual contamination as high as 85 ppb benzene (sample #18 collected at 7.5 feet depth) and 11 ppb total xylenes (sample #19 collected at 7 feet depth).

This agency in letter dated June 6, 1994, approved the workplan (dated November 16, 1993, and received by this office in May 25, 1994) which included the investigation of groundwater related to the underground storage tank release.

To date, this office has not received any report documenting the implementation of the approved work plan, specifically the installation of monitoring wells at the site.

Mr. Jeff Hunt
RE: 4050 Horton Street, Emeryville, CA 94608
March 29, 1995
Page 2 of 2

Your report documenting the groundwater investigation conducted at the site must be submitted to this office **no later than April 17, 1995.**

Enclosed is a copy of the June 6, 1994 letter from this office for your reference.

Please contact me at (510) 567-6780 if you have any questions concerning this letter.

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

enclosure

cc: Rafat A. Shahid, Director, Environmental Health
Kevin Graves, San Francisco Bay RWQCB
Gil Jensen, Alameda County District Attorney's Office
Arui Levi, Acting Chief, Environmental Protection Div./ files
Jerian Alexander, Subsurface Consultants, Incorporated
171 - 12th Street, Suite 201, Oakland, CA 94607

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

June 6, 1994
STID# 4255

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

Mr. Jeffrey Hunt
Plywood and Lumber Sales, Inc.
4050 Horton Street
Emeryville, California 94608

**RE: Work Plan for Soil Remediation and Groundwater Quality
Assessment - 4050 Horton Street, Emeryville, CA 94608**

Dear Mr. Hunt:

The Alameda County Department of Environmental Health, Hazardous Materials Division has completed review of the Work Plan for Soil Remediation and Groundwater Quality Assessment dated November 16, 1993 and recently received by this office in May 25, 1994. This work plan was prepared and submitted by Subsurface Consultants, Inc. for the referenced site.

Based on this review, the work plan is acceptable provided the following items are addressed:

- 1) Verification soil samples must be collected after excavation of the petroleum hydrocarbon contaminated soil. Samples must be analyzed for the following target compounds: TPH gasoline, TPH diesel, Oil & Grease, benzene, ethyl benzene, toluene, xylene, total lead & soluble lead (if applicable). At a minimum, one soil sample must be collected per twenty lineal feet.
- 2) Construction and placement of the wells must adhere to the requirements specified in "Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites", August, 1990. Monitoring wells must be screened to intercept free floating product and accommodate seasonal water table fluctuations. Please submit a copy of the monitoring well construction diagram.
- 3) During borehole advancement, soil samples must be collected at a minimum of every five feet in the unsaturated zone, significant changes in lithology and where field screening identifies the presence of contaminants. The selection of samples chosen for laboratory analysis should be based primarily on field evidence. A minimum of one sample submitted for analysis from each boring must be from the saturated / unsaturated zone interface. Samples must be analyzed for TPH gasoline, TPH diesel, Oil & Grease, benzene, toluene, ethyl benzene, xylene, chlorinated solvents, lead, and chromium.

Mr. Jeffrey Hunt
RE: 4050 Horton Street, Emeryville, CA 94608
June 6, 1994
Page 2 of 3

- 4) Groundwater flow direction must be established at the site. The proposed one monitoring well must be installed in the verified down gradient location of the former underground storage tank. The use of groundwater data from neighboring sites to determine groundwater flow direction must be documented and the rationale must be explained.
- 5) Groundwater samples must be analyzed every quarter for the following target compounds: TPH gasoline, TPH diesel, TOG benzene, toluene, ethyl benzene, xylene and lead. The initial groundwater sample must be analyzed for chlorinated solvents and chromium in addition to the above mentioned target compounds. After four quarters of monitoring, the sampling program will be evaluated.
- 6) Wells should be surveyed to an accuracy of 0.01 foot and referenced to mean sea level (MSL).
- 7) A minimum of 24 hours, and preferably 72 hours should pass between well development and purging/sampling.
- 8) Please submit a site health and safety plan.
- 9) Please notify this office at least 72 hours in advance for the start up of work plan implementation so a site visit can be arranged by a representative from this office.

Items 2 and 8 must be submitted to this office before work plan implementation.

The work plan must be implemented **within 30 days** of the date of this letter. A report must be submitted **within 30 days** after completion of this investigation. Until cleanup is complete, you will need to submit reports to this office every three months or at a more frequent interval, if specified at any time. In addition, the following items must be incorporated in your future reports or workplans:

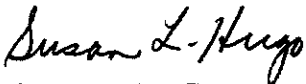
- a cover letter from the responsible party or tank owner stating the accuracy of the report and whether he/she concurs with the conclusions and recommendations in the report or work plan
- site map delineating contamination contours for soil and groundwater based on recent data should be included and the status of the investigation and cleanup must be identified

Mr. Jeffrey Hunt
RE: 4050 Horton Street, Emeryville, CA 94608
June 6, 1994
Page 3 of 3

- proposed continuing or next phase of investigation / cleanup activities must be included to inform this department of the responsible party or tank owner's intention
- any changes in the groundwater flow direction and gradient based on the measured data since the last sampling event must be explained
- historical records of groundwater level in each well must be tabulated to indicate the fluctuation in water levels
- tabulate analytical results from all previous sampling events; provide laboratory reports (including quality control/quality assurance) and chain of custody documentation

Please contact me at (510) 271-4530 if you have any questions concerning this letter.

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health
Kevin Graves, San Francisco Bay RWQCB
Edgar B. Howell, Chief, Hazardous Materials Division - files
Mark Kawakami, Subsurface Consultants, Incorporated
171 - 12th Street, Suite 201, Oakland, CA 94607

DETAILED REVIEW CHECKLIST

CLAIM NO.: <u>2294</u>	REGION: <u>2</u>	COUNTY: <u>Alameda</u>	CODE: <u>01</u>
PRIORITY ASSIGNED: <u>2</u>	LEAD AGENCY <u>Alameda County Health</u>		
CURRENT RANK:	AND		
DATE REVIEWED: <u>8-11-93</u>	CONTACT PERSON: <u>Juan Hugu</u>		
REVIEWER: <u>B. Torres</u>	PHONE NO.: <u>(920) 271-4530</u>		

SITE NAME: n/a

SITE ADDRESS: 4050 Horton St., Emeryville, CA 94608

CLAIMANT INFORMATION	ACC.	REJ.	HOW INFORMATION WAS VERIFIED
I. Claimant Identification			
1. Claimant is/was the owner and/or operator of the leaking UST?	<input checked="" type="checkbox"/>		<u>owner; app</u>
2. Have all applicable past and current UST owners/operators been identified?	<input checked="" type="checkbox"/>		<u>app; URF</u>
3. All required tax ID numbers provided?	<input checked="" type="checkbox"/>		<u>URF; taxes</u>
4. Date site/tanks acquired verified?	<input checked="" type="checkbox"/>		
II. Statement of Costs			
1. Valid third party claim?	<u>n/a</u>		
2. Claimed corrective action costs exceed \$10,000?	<input checked="" type="checkbox"/>		
III. Joint Claimant			
1. Joint Claimant is an owner and/or operator?	<u>n/a</u>		
2. Tax ID number provided?			
3. Joint Claimant's priority class verified?			
IV. Co-Payee			
1. Tax ID No. provided?			
2. Mailing address/phone no. provided?			
V. Contamination Site/Occurrence Description*			
1. Description of tank and use verified?	<input checked="" type="checkbox"/>		<u>URF</u>
2. Registered farm tank?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<u>n/a</u>
3. Leaking tank contained eligible substance?	<input checked="" type="checkbox"/>		<u>URF</u>
4. Is there any evidence that the UAR was the result of a spill, overfill or gross negligence?			
5. If claimant submitted more than one claim for the site, each claim is for a separate occurrence?	<input checked="" type="checkbox"/>		<u>n/a</u>
6. Site map provided?	<input checked="" type="checkbox"/>		
VII. Priority Class Worksheet			
1. Claimant's priority verified?			
2. Claimant was both the owner and operator at time of leak discovery?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
3. Claimant is the current owner and operator?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No/NA	<u>tanks removed</u>
4. If either question = No, other party(s) priority class was verified?	<input checked="" type="checkbox"/>		<u>n/a</u>
VIII. Priority Class Designation			
A. Priority Class A			
Residential Motor Fuel Tanks			
1. UST located at the residence of a person and property zoned residential use only at time of leak discovery?			X
2. UST located at property improved by an owner-occupied single family dwelling or duplex at time of leak discovery?			
3. UST was not used for agricultural purposes or for resale on or after 1/1/85?			
OR			
Residential Small Home Heating Oil Tanks			
4. UST located at the residence of a person at time of leak discovery?			
5. UST located at property improved by an owner-occupied single family dwelling or duplex at time of leak discovery?			
6. UST has a capacity of 1,100 gallons or less?			
7. UST is used only to store home heating oil for consumptive use on property?			
8. UST was not located on agricultural property on or after 1/1/85?			

STATE WATER RESOURCES CONTROL BOARD

DIVISION OF CLEAN WATER PROGRAMS

2014 T STREET, SUITE 130

P.O. BOX 944212

SACRAMENTO, CALIFORNIA 94244-2120

(916) 227-4413

(916) 227-4530 (FAX)

SH



SEP 14 1993

Mr. Jeffrey Hunt

Plywood & Lumber Sales, Inc.

4050 Horton Street

Emeryville, CA 94608

Site: 4050 Horton Street
Emeryville, CA 94608

Dear Mr. Hunt:

UNDERGROUND STORAGE TANK CLEANUP FUND, CLAIM NO. 2394

The State Water Resources Control Board (State Board) takes pleasure in issuing the attached Letter of Commitment in an amount not to exceed **\$25,000**. This Letter of Commitment is based upon our review of the corrective action costs incurred to date and your application received on January 17, 1992 and may be modified by the State Board in writing by an amended Letter of Commitment.

The State Board will take steps to withdraw this Letter of Commitment after 90 calendar days from the date of this transmittal letter unless you proceed with due diligence with your cleanup effort. This means that you must take positive, concrete steps to ensure that corrective action is proceeding with all due speed. For example, if you have not started your cleanup effort, you must obtain three bids and sign a contract with one of these bidders within 90 calendar days. If your cleanup effort has already started and was delayed, you must resume the expenditure of funds to ensure that your cleanup is proceeding in an expeditious manner. You are reminded that you must comply with all regulatory agency time schedules and requirements. We constantly review the status of all active claims, and failure to proceed with due diligence will be grounds for withdrawal of this Letter of Commitment. **You should read the terms and conditions listed in the Letter of Commitment.**

Also attached is a "Reimbursement Request" package. The package includes :

- Instructions for the completion of the "Reimbursement Request" form which must be followed when seeking reimbursement for corrective action costs incurred after January 1, 1988. The instructions booklet contains:
 - Recommended Minimum Invoice Cost Breakdown.
 - A "Certification of Non-Recovery From Other Sources" which must be returned before any reimbursements can be made.
 - A "Bid Summary Sheet" to document data on bids received.
- Three "Reimbursement Request-Underground Storage Tank Cleanup Fund" forms which you must use to request reimbursement of costs incurred.
- Two "Spreadsheets" which you must use in conjunction with your Reimbursement Request.

If you have any questions regarding the Letter of Commitment or the Reimbursement Request package, please contact Blessy Torres at (916) 227-4535.

Sincerely,

Dave Deaner, Manager
Underground Storage Tank
Cleanup Fund Program

Attachments

cc: Tom Peacock
Alameda County Health Agency
Division of Hazardous Materials
80 Swan Way, Room 200
Oakland, CA 94621

Don Dalke
Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, CA 94612

93 SEP 17 AM 10:03

LETTER OF COMMITMENT FOR REIMBURSEMENT OF COSTS

CLAIM NO: 002394

AMENDMENT NO: 0

CLAIMANT: Plywood and Lumber Sales, Inc.

BALANCE FORWARD: \$0

JOINT-CLAIMANT:

THIS AMOUNT: \$25,000

CLAIMANT ADDRESS: 4050 Horton Street
Emeryville, CA 94608

NEW BALANCE: \$25,000

TAX ID / SSA NO. 94-2924353

Subject to availability of funds, the State Water Resources Control Board (State Board) agrees to reimburse Plywood and Lumber Sales, Inc. (claimant) for eligible corrective action costs at 4050 Horton Street, Emeryville, CA 94608 (site). The commitment reflected by this Letter is subject to all of the following terms and conditions:

1. Reimbursement shall not exceed \$25,000 unless this amount is subsequently modified in writing by an amended Letter of Commitment.
2. The obligation to pay any sum under this Letter of Commitment is contingent upon availability of funds. In the event that sufficient funds are not available for reasons beyond the reasonable control of the State Board, the State Board shall not be obligated to make any disbursements hereunder. If any disbursements otherwise due under this Letter of Commitment are deferred because of unavailability of funds, such disbursements will promptly be made when sufficient funds do become available. Nothing herein shall be construed to provide the Claimant with a right of priority for disbursement over any other claimant who has a similar Letter of Commitment.
3. Unless modified in writing by the State Board, this Letter of Commitment covers work through Phase II of corrective action work.
4. All costs for which reimbursement is sought must be eligible for reimbursement and the Claimant must be the person entitled to reimbursement thereof.
5. Claimant must at all times be in compliance with all applicable state laws, rules and regulations and with all terms, conditions, and commitments contained in the Claimant's Application and any supporting documents or in any payment requests submitted by the Claimant.
6. No disbursement under this Letter of Commitment will be made except upon receipt of acceptable Standard Form Payment Requests duly executed by or on behalf of the Claimant. All Payment Requests must be executed by the Claimant or a duly authorized representative who has been approved by the Division of Clean Water Programs.
7. Any and all disbursements payable under this Letter of Commitment may be withheld if the Claimant is not in compliance with the provisions of Paragraph 5 above.
8. Neither this Letter of Commitment nor any right thereunder is assignable by the Claimant without the written consent of the State Board. In the event of any such assignment, the rights of the assignee shall be subject to all terms and conditions set forth in this Letter of Commitment and the State Board's consent.
9. This Letter of Commitment may be withdrawn at any time by the State Board if completion of corrective action is not performed with reasonable diligence.

IN WITNESS WHEREOF, this Letter of Commitment has been issued by the State Board this 7th day of September, 1993.

STATE WATER RESOURCES CONTROL BOARD

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

BY [Signature]
Chief, Division Administrative Services

STATE USE :
CALSTARS CODING :
0550 - 569.02 - 30530

\$

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

May 7, 1993
STID# 4255

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

Mr. Jeffrey Hunt
Plywood Lumber & Sales
4050 Horton Street
Emeryville, California 94608

RE: One Underground Storage Tank Removal at Plywood Lumber & Sales - 4050 Horton Street, Emeryville, California 94608

Dear Mr. Hunt:

The Alameda County Department of Environmental Health, Hazardous Materials Division has reviewed the files concerning the removal of one underground storage tank (1,000 gallon gasoline) on December 10, 1990 at the referenced site. We are in receipt of the "Removal of One Underground Storage Tank and Subsequent Field Sampling" (February 2, 1991) report prepared by Zaccor Corporation and the Underground Storage Tank Unauthorized Release(Leak)/Contamination Site Report.

Soil samples collected beneath the tank showed elevated levels of the following contaminants: TPH as gasoline (68 ppm), TPH as diesel (44 ppm), Total Oil and Grease (177 ppm), benzene (2.2 ppm), toluene (1.6 ppm), ethyl benzene (0.45 ppm), and xylene (1.1 ppm). Free floating product was observed in the groundwater at the excavation pit. The groundwater sample collected from the excavation exhibited elevated levels of the following contaminants: TPH as gasoline (200 ppm), TPH as diesel (19 ppm), Total Oil and Grease (6.4 ppm), benzene (11 ppm), toluene (10 ppm), and xylene (4.8 ppm). Because of the degree of contamination found at the site which exceeded regulatory threshold levels, further environmental assessment is required.

This office will be the lead agency overseeing the environmental investigation and cleanup activities at the site. The RWQCB has delegated this authority to our office. However, you must keep the Water Board apprised of all actions taken to characterize and remediate contamination at the site, because the Board retains the ultimate responsibility for ensuring protection of the waters of the state.

A preliminary assessment should be conducted to determine the extent of soil and/or groundwater contamination that has resulted from the former leaking tanks. The information gathered by this investigation will be used to assess the need for additional actions at the site. The preliminary assessment should be designed

Mr. Jeffrey Hunt
RE: 4050 Horton Street, Emeryville, CA 94608
May 7, 1993
Page 2 of 3

to provide all of the information in the format shown in the attachment at the end of this letter, which is based on the RWQCB's guidelines. You should be prepared to install at a minimum, three monitoring wells to establish gradient direction of the groundwater at the site. One of the wells should be installed within 10 feet downgradient of the former tank location. Monthly water elevation reading for the first six months (reduced to every quarter) is necessary to determine groundwater flow direction and quarterly sampling for target compounds (TPH-G, TPH-D, TOG, BTEX and lead) must occur to determine extent of the groundwater contamination.

Until cleanup is complete, you will need to submit reports to this office and to RWQCB every three months (or at a more frequent interval, if specified at any time by either agency). This reports must include information pertaining to further investigative results; the methods of cleanup actions implemented to date; and the method and disposal of any contaminated material. Copies of manifests for such disposal must be sent to this office. Stockpiled soil from the pit may not be used to backfill these holes without authorization from this office. Only clean fill can be used to backfill the excavation pit. Please provide our office with documentation of the stockpiled soil disposal and a copy of the manifest for tank disposal.

Your work plan must be submitted to this office no later than **June 21, 1993**. All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professionals involved with the project. Copies of the reports and proposals must also be submitted to:

Rich Hiett
RWQCB, San Francisco Bay Region
2101 Webster Street, Fourth Floor
Oakland, California 94612

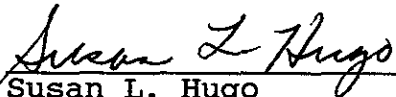
Because we are overseeing this site under the designated authority of the Regional Water Quality Control Board, this letter constitutes a formal requests for technical reports pursuant to California Water Code Section 13267(b). Any extensions of stated deadlines or changes in the workplan must be confirmed in writing and approved by this agency or RWQCB.

Enclosed is a copy of Appendix A (Workplan for Initial Subsurface Investigation (August 20, 1991) for your reference.

Mr. Jeffrey Hunt
RE: 4050 Horton Street, Emeryville, CA 94608
May 7, 1993
Page 3 of 3

Should you have any questions regarding this letter, please contact me at (510) 271-4530.

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

Enclosure

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health
Rich Hiett, San Francisco Bay RWQCB
Gil Jensen, Alameda County District Attorney's Office
Edgar B. Howell, Chief, Hazardous Materials Division / file

Plywood & Lumber Sales Inc.
4050 Horton St
Emergville 94608
Attn: Jeffrey Hunt

DATE: 9/14/92
TO : Local Oversight Program
FROM: SUSAN
SUBJ: Transfer of Eligible Oversight Case

Site name: PLYWOOD LUMBER & SALES
Address: 4050 Horton Street city Emergville ZIP 94608
Closure plan attached? Y N DepRef remaining \$ _____
DepRef Project # _____ STID #(if any) 4255
Number of Tanks: 1 removed? Y N Date of removal 12/10/90
Leak Report filed? Y N Date of Discovery 2/27/91 reported
Samples received? Y N Contamination: _____
Petroleum Y N Types: Avgas Jet leaded unleaded Diesel
fuel oil waste oil kerosene solvents
Monitoring wells on site _____ Monitoring schedule? Y N
LUFT category 1 2 3 * H S C A R W G O
Briefly describe the following:
Preliminary Assessment _____
Remedial Action _____
Post Remedial Action Monitoring _____
Enforcement Action _____

CROSBY, HEAFEY, ROACH & MAY

PROFESSIONAL CORPORATION

ATTORNEYS AT LAW

1999 HARRISON STREET

OAKLAND, CALIFORNIA 94612-3573

(510) 763-2000

(415) 986-3400

FAX (510) 273-8866

700 SOUTH FLOWER STREET, SUITE 2200
LOS ANGELES, CALIFORNIA 90017
(213) 896-8000
FAX (213) 896-8080

333 BUSH STREET, SUITE 2580
SAN FRANCISCO, CALIFORNIA 94104-2899
(415) 543-8700
FAX (415) 391-8269

June 9, 1992

VIA FACSIMILE WITH HARD COPY TO FOLLOW

Thomas F. Peacock
Department of Environmental Health
Hazardous Materials Program
80 Swan Way, Room 200
Oakland, CA 94621

Re: 4050 Horton Street, Emeryville

Dear Tom:

I appreciated your taking the time to discuss this matter yesterday. I have enclosed a copy of the Department's October 31, 1989 Notice of Legal Obligation, which was apparently sent to Weyerhaeuser Company in Emeryville. Someone then crossed out Weyerhaeuser and wrote in "Plywood & Lumber Sales" and Jeff Hunt's name, along with a further notation in the left margin. The letter was eventually received by Mr. Hunt, but we do not know when.

As I indicated yesterday morning, I represent Mr. Hunt with regard to his SB 2004 Program Application, which was rejected in the preliminary sorting because he had not obtained a permit by January 1, 1990. Mr. Hunt has no record of receiving this letter in 1989, but did receive a "Second Notice of Violation" dated April 18, 1990. Upon receipt, he promptly responded in his letter to you of April 23, 1990. Both of these letters are enclosed. Mr. Hunt subsequently hired a consultant to locate and remove the underground storage tank.

At this point, we are trying to determine who wrote the notations on the letter. If the handwritten notes are yours, and if you recall anything about them, I would appreciate your letting me know. Otherwise, we have no evidence that this first letter was received by Mr. Hunt prior to January 1, 1990. Since Mr. Hunt did not receive a Notice prior to January 1, 1990, there was no way he could have obtained or applied for a permit for an underground storage tank by that date.

CROSBY, HEAFEY, ROACH & MAY
PROFESSIONAL CORPORATION

Thomas F. Peacock
June 9, 1992
Page 2

We appreciate any information you can provide on this matter.

Very truly yours,

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

Randall D. Morrison

RDM:ma

Enclosures

DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FORM

MFR Sent _____ (date)

PURPOSE: Permit Application Service Renewal

Computer No. _____

TYPE OF ACTION: New Premises Change of Owner Change of Name Change of Status Change of Mailing Address Inactivate Delete Unincorp.

Premises Name CROSBY, HEAFEY, ROACH & MAY SUPV. DIST. _____ C.T. 4
A. Premises Address 1999 HARRISON ST. OAKLAND 94612 (510) 763-2000
Number Street City Zip Code Phone

Owner/Applicant Att: PAUL SHIMDTAKE
If corporation, also show name of corporation president Phone

B. Mailing Address _____
Number Street City Zip Code

SEND BILLING TO ADDRESS: (A), B (circle one)

Prior Business Name _____ Prior Owner's Name _____

Property Owner _____
If corporation, also show name of corporation president Phone

Address _____
Number Street City Zip Code

E.U. NO. _____ C.P. CODE _____

FOOD CATEGORIES

Bakery

- ___ Under 2,000 sq. ft. (130)
- ___ 2,000 - 6,000 sq. ft. (131)
- ___ Over 6,000 sq. ft. (132)

Food Market, Retail

- ___ Under 3,000 sq. ft. (120)
- ___ 3,000 - 10,000 sq. ft. (121)
- ___ Over 10,000 sq. ft. (122)
- ___ Confectionary (125)

Restaurant

- ___ Tavern, Cocktail lounge (104)
- ___ Snack Bar (105)
- ___ Drive-In, Take Out (110)
- ___ Catering Commissary (111)
- ___ Under 26 seats (100)
- ___ 26 - 50 seats (101)
- ___ 51 - 75 seats (102)
- ___ Over 75 seats (103)
- ___ In Plant Feeding (114)
- ___ Bed & Breakfast (Cont.) (115)
- ___ Bed & Breakfast (Reg.) (116)

Vending Machine

Other Food

Temporary Food Operation

- ___ Special Event Facility (113) (not to exceed 3 days)
- ___ Temporary Food Facility (108) (not to exceed 21 days)
- ___ Seasonal Food Facility (129) (not to exceed 45 days)

Food Vehicle

- ___ Vehicle Application Fee
- ___ Mobile Food Prep. Unit (107)
- ___ Stationary M.F.P.U. (117)
- ___ Retail Food Vehicle (112)
- ___ Itinerant Vehicle (128)

GENERAL CATEGORIES

- ___ Plan Review
- ___ Special Service
- ___ Public Swimming Area
- ___ Commercial Spa
- ___ Mobilehome Park
- ___ No. Spaces _____

Private Waste Disposal

- ___ Site Evaluation
- ___ Percolation Test
- ___ Plan Review
- ___ Installation

Holding Tank

- ___ Site Evaluation
- ___ Installation
- ___ Inspection

Water Supply-Utility

- ___ Community System
- ___ Non-Community System
- ___ State Small Water System
- ___ Local Small Water System

Private Water Supply

- ___ Flow, Bacti. & Chem. Anal.

Drinking Water Analysis

- ___ Bacterial
- ___ Chemical
- ___ Flow Rate

Other SITE SEARCH

Number of Units/Hrs _____ Fee Per Unit/Hr \$ _____ Total Fee \$ _____

REMARKS _____

You will receive a BILL in accordance with Article 11 of Chapter 6, Title 3 of the Ordinance Code of Alameda County

Owner/Applicant _____ Date _____

Sanitarian _____ Phone _____ Date _____

CROSBY, HEAFEY, ROACH & MAY

PROFESSIONAL CORPORATION

ATTORNEYS AT LAW

1999 HARRISON STREET

OAKLAND, CALIFORNIA 94612-3573

(510) 763-2000

(415) 986-3400

FAX (510) 273-8866

700 SOUTH FLOWER STREET, SUITE 2200
LOS ANGELES, CALIFORNIA 90017
(213) 896-8000
FAX (213) 896-8080

92 FEB 18 1992

333 BUSH STREET, SUITE 2580
SAN FRANCISCO, CALIFORNIA 94104-2899
(415) 543-8700
FAX (415) 391-8269

February 11, 1992

Ms. Susan Hugo
Hazardous Materials Specialist
Alameda County Health Care Services Agency
80 Swan Way, Suite 200
Oakland, CA 94621

Re: 4050 Horton Street, Emeryville, CA
94608

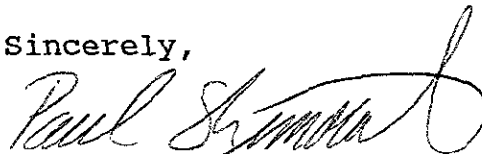
Dear Susan:

During the past week I have tried to call you, leaving messages, but have been unable to speak with you. On October 30, 1991, this office sent you a letter requesting copies of the Department's file documents and authorizing expenses associated thereto. To date no materials have been received from your office.

I would like to repeat the request a copy of your Department's file concerning the site at 4050 Horton Street, Emeryville, CA 94608. We represent the current owner of the property and are particularly interested in documents identifying the owner and operator of the UST which was located at that site.

Please call me at your earliest convenience.

Sincerely,



Paul S. Shimotake

CROSBY, HEAFEY, ROACH & MAY

PROFESSIONAL CORPORATION

ATTORNEYS AT LAW

1999 HARRISON STREET

OAKLAND, CALIFORNIA 94612-3573

(510) 763-2000

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700 SOUTH FLOWER STREET, SUITE 2200
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FAX (213) 896-8080

333 BUSH STREET, SUITE 2580
SAN FRANCISCO, CALIFORNIA 94104-2899
(415) 543-8700
FAX (415) 391-8269

January 17, 1992

Susan L. Hugo
Alameda County Health Care Services
Department of Environmental Health
80 Swan Way, Rm 200
Oakland, CA 94621

Re: Unauthorized Release Report
4050 Horton Street, Emeryville, CA

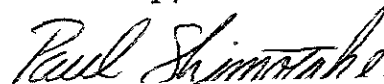
Dear Ms. Hugo:

We represent Plywood Lumber and Sales, Inc., in the matter concerning contamination caused by a leaking underground storage tank, removed December 10, 1990, at 4050 Horton Street, Emeryville, California. In reviewing the file, it appeared that no unauthorized release report was filed when the contamination was first discovered during removal of the tank, December 10, 1990.

Notwithstanding any redundancy resulting by any prior filing of an unauthorized release report for this release, please find enclosed an Unauthorized Release Report executed by Jeffrey Hunt, Plywood Lumber and Sales, Inc., indicating the date of discovery on December 10, 1990.

If you have any question please call.

Sincerely,



Paul S. Shimotake

PSS/ms
Encls.

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 25180.7 OF THE HEALTH AND SAFETY CODE. SIGNED: <u>[Signature]</u> DATE: <u>1/22/92</u>	
REPORT DATE 0 <u>1</u> <u>1</u> <u>4</u> <u>9</u> <u>2</u>		CASE #			
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Jeffrey Hunt		PHONE (510) 547-7257		SIGNATURE <u>[Signature]</u>
	REPRESENTING <input checked="" type="checkbox"/> OWNER/CREDITORS <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME Plywood Lumber and Sales, Inc.		
	ADDRESS 4050 Horton Street Emeryville California 94608				
RESPONSIBLE PARTY	NAME <input checked="" type="checkbox"/> UNKNOWN		CONTACT PERSON ()		PHONE ()
	ADDRESS STREET CITY STATE ZIP				
SITE LOCATION	FACILITY NAME (IF APPLICABLE) 4050 Horton Street		OPERATOR None		PHONE ()
	ADDRESS 4050 Horton Street Emeryville Alameda 94608				
	CROSS STREET	TYPE OF AREA <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> RURAL <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> OTHER		TYPE OF BUSINESS <input type="checkbox"/> RETAIL FUEL STATION <input type="checkbox"/> FARM <input checked="" type="checkbox"/> OTHER Lumber Company	
IMPLEMENTING AGENCIES	LOCAL AGENCY Alameda County Health Care Services Agency		AGENCY NAME San Francisco Bay		CONTACT PERSON Susan Hugo EDDY SO Richard Hrett
	REGIONAL BOARD San Francisco Bay		PHONE (610) 271-4320 (510) 464-4357		PHONE
SUBSTANCES INVOLVED	(1) NAME Gasoline		QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN		
	(2)		<input type="checkbox"/> UNKNOWN		
DISCOVERY/ABATEMENT	DATE DISCOVERED 1 <u>2</u> <u>1</u> <u>0</u> <u>9</u> <u>0</u>		HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER		
	DATE DISCHARGE BEGAN <input checked="" type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> CLOSE TANK <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE <input checked="" type="checkbox"/> OTHER Remove Tank		
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 1 <u>2</u> <u>1</u> <u>0</u> <u>9</u> <u>0</u>				
SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER		TANKS ONLY/CAPACITY 500 GAL AGE Unknown YRS <input type="checkbox"/> UNKNOWN		MATERIAL <input type="checkbox"/> FIBERGLASS <input checked="" type="checkbox"/> STEEL <input type="checkbox"/> OTHER
	CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> SPILL <input type="checkbox"/> OTHER				
CASE TYPE	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 checked="" type="checkbox"/> SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) <input type="checkbox"/> CLEANUP IN PROGRESS <input type="checkbox"/> SIGNED OFF (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> NO FUNDS AVAILABLE TO PROCEED <input type="checkbox"/> EVALUATING CLEANUP ALTERNATIVES				
REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> OTHER (OT)				
COMMENTS	(Empty space for comments)				

9:00 AM -

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

II, III

Site ID # _____ Site Name Plywood Lumber Today's Date 12/10/98

Site Address 2050 Horton St.

City Emeryville Zip 94608 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:

1,000 gal gasoline tank (?) removed.
OIL - 0%

Strong petroleum hydrocarbon odor
found floating product
around 1,000 gal. product/water pumped out.
Tank - collapsing - holes

Additional analyses to run:
LDG, Heavy Metals (Cd, Cr, Pb, Zn, Ni)
Cl, HCl

Samples collected - ground water
2 soil samples from ends of tank
Put berm around stock pile open corner
with plastic liners. Pump ground water.
Back fill only with clean fill,
place plastic liners in the hole

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
- 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/groundwater 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. Precip Tank Test Date: 2643
- 8. Inventory Rec. 2644
- 9. Soil Testing . 2646
- 10. Ground Water. 2647

- New Tanks
- 11. Mon'to Plan 2632
 - 12. Access Secure 2634
 - 13. Plans Submit Date 2711
 - 14. As B.U.R Date 2635

Rev 6/88

Contact Paul ...

Title: ...

Signature: ...

Inspector: ...

Signature: ...

II, III

PERMIT TO EXCAVATE IN CITY STREETS

DEPARTMENT OF PUBLIC WORKS
CITY OF EMERYVILLE

12TH FLOOR
2200 POWELL ST., EMERYVILLE, CA 94608

(9-87 THIS SUPERCEDES
ALL PREVIOUS FORMS)

NO. 90-30-4

DATE 11/29/90

COMPANY ZACCOR CORPORATION

ADDRESS 791 HAMILTON AVE PHONE 363-2181

LOCATION OF WORK 4050 Horton Street, Emeryville

PLANNED DATE OF COMMENCEMENT December, 5, 1990

PLANNED DATE OF COMPLETION December 10, 1990

DESCRIPTION OF WORK EXCAVATE (1) UNDERGROUND
TANK - under sidewalk

- 24 HR. NOTICE PRIOR START OF WORK
- PLAN REQUIRED
- MONUMENTS TO BE REPLACED

REMARKS Call Underground Service Alert before starting work.

NOTE: IF SUBCONTRACTOR IS TO DO WORK,
PROOF OF ADEQUATE INSURANCE
MUST BE PRESENTED PRIOR TO
START OF WORK OR THIS PERMIT
IS VOID. (2)

Juan C. Arzuain
CITY ENGINEER
Sr. Engineering

ZACCOR COMPANY, INC.
791 HAMILTON AVENUE
MENLO PARK, CA 94025

90-3800
1211
6291

11 29 1990

PAY One Thousand DOLLARS \$1000^e

City of Emeryville

TO
ORDER
OF

UNIVERSITY NATIONAL BANK & TRUST COMPANY
250 LYTTON AVENUE PALO ALTO, CA 94301
800 OAK GROVE AVENUE MENLO PARK, CA 94025

Scott Jones

⑈006 291⑈ ⑆121138000⑆

01118722⑈01



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

August 13, 1990

Plywood & Lumber Sales, Inc.
4050 Horton St.
Emeryville, CA 94608

RE: 4050 Horton St.

FINAL NOTICE OF VIOLATION

Dear owner/operator:

Our records indicate that there are underground tank(s) at your site at the above facility. You have not responded to two previous notices regarding these tanks.

In accordance with the California Code of Regulations, Title 23, Chapter 3, Subchapter 16 Underground Tank Regulations you must perform one of the following actions:

1. Submit a tank closure plan to this Department as required by Article 7, 2670, or
2. Apply for a permit as required by Article 10, 2710.

You are directed to notify this Department within 10 days of your intentions and to obtain the necessary instructions and forms.

Please note that section 25299 of the California Health and Safety Code states that any operator or owner of an underground storage tank is liable for a civil penalty of not less than five hundred dollars or more than five thousand dollars per day for failure to obtain a permit, or failing to properly close an underground storage tank, as required by section 25298.

If you have any questions concerning this matter, please contact this office at 271-4320.

Sincerely,

Thomas F. Peacock, Senior HMS
Hazardous Materials Division

TFP:tfp

cc: Gil Jensen, Alameda County District Attorney, Consumer and
Environmental Protection Agency
Lester Feldman, RWQCB

- 457 Mercuric oxide (red and yellow) (T,F)
- 458 Mercuric oxyanilide (1,R)
- 459 Mercuric potassium iodide (T)
- 460 Mercuric subchloride, Mayer's reagent (T)
- 461 Mercuric subchloride, Salicylated mercury (T)
- 462 Mercuric sulfate, Mercuric dioxysulfate (T)
- 463 Mercuric thiocyanide, Mercury thiocyanate (T)
- 464 Mercuric, *Mercurio nucleato* (T)
- 465 Mercurous bromide (1)
- 466 Mercurous gluconate (1)
- 467 Mercurous iodide (1)
- 468 Mercurous nitrate (1,R)
- 469 Mercurous oxide (1)
- 470 Mercurous sulfate, Mercury bisulfate (T)
- 472 Mercury (1)
- 473 Mercury compounds (1)
- 474 Metal carbonyls (1)
- 475 Metal hydrides (1)
- 476 Metal powders (1)
- 477A. *Methomyl, LAMINATE, S *Methyl-N-((methyl-carbamoyl)oxy) thioncarbamate* (1)
- 477B. *Methoxychlor, L11, Ictidoro-2, 2-bis(p-methoxyphenyl)ethane, C H P M E I O H M, MARLAT (T)
- 478 *Methoxyethylmercuric chloride, AGALLOL, ARETAN (T)
- 479 Methyl acetate (1,F)
- 480 Methyl acetone (Mixture of acetone, methyl acetate, and methyl alcohol) (1,F)
- 481 Methyl alcohol, Methanol (1,F)
- 482 *Methylalumium sesquichloride (F,R)
- 483 *Methylalumium trichloride (F,R)
- 484 Methylamine, Aminomethane (T,F)
- 485 N Methylamine (1)
- 486 *Methyl bromide, Bromomethane (T)
- 487 2 Methyl 1 butene (F)
- 488 3 Methyl 1 butene (F)
- 489 Methyl butyl ether (and isomers) (T,F)
- 490 Methyl butyrate (and isomers) (T,F)
- 491 Methyl chloride, Chloromethane (T,F)
- 492 *Methyl chloroformate, Methyl chlorocarbonate (T,F,R)
- 493 *Methyl chloromethyl ether, CMME (T,F)
- 494 Methylcyclohexane (1,F)
- 495 *Methylchloroarsine (1)
- 496 *Methyldichloroarsine (T,F,R)
- 497 *4,4 Methylene bis(2-chloroaniline), MOCA (T)
- 498 Methyl ethyl ether (1,F)
- 499 Methyl ethyl ketone, 2-Butanone (T,F)
- 500 Methyl ethyl ketone peroxide (T,F)
- 501 Methyl formate (1,F)
- 502 *Methyl hydrazine, Monomethyl hydrazine, MMH (T,F)

TITLE 22

ENVIRONMENTAL HEALTH

- 503 *Methyl isocyanate (T,F)
- 504 Methyl isopropenyl ketone, 3-Methyl-3-butene-2-one (T,F)
- 505 *Methylmagnesium bromide (C,F,R)
- 506 *Methylmagnesium chloride (C,F,R)
- 507 *Methylmagnesium iodide (C,F,R)
- 508 Methyl mercaptan, Methanethiol (T,F)
- 509 Methyl methacrylate (monomer) (T,F)
- 510 *Methyl parathion, O,O-Dimethyl-O-para-nitrophenylphosphorothioate (T)
- 511 Methyl propionate (F)
- 512 *Methyldichlorosilane (T,C,F,R)
- 513 Methyl valerate, Methyl pentanoate (and isomers) (F)
- 514 Methyl vinyl ketone, 3-Butene-2-one (T,F)
- 515A. *Mevinphos, PHOSDRIN, 2-Carbomethoxy-1-methylvinyl dimethyl phosphate (T)
- 515B. *Mirex; 1,1a,2,2,3,3a,4,5,5a,5b,6-Dodecachlorooctahydro-1,3,4-metheno-1H-cyclobuta (cd) pentalene, Decchlorane (F)
- 516 *MOCAP, O Ethyl S,S dipropyl phosphorodithioate (T)
- 517 Molybdenum (powder) (F)
- 518 Molybdenum trioxide, Molybdenum anhydride (T)
- 519 Molybdic acid and salts (1)
- 520 Monochloroacetic acid, Chloroacetic acid MCA (T,C)
- 521 Monochloroacetone, Chloroacetone, 1-Chloro 2-propanone (T)
- 522 Monofluorophosphoric acid (T,C)
- 523 Naphthalin (of petroleum or coal tar origin), Petroleum ether, Petroleum naphtha (T,F)
- 524 Naphthalene (T,S)
- 525 alpha Naphthylamine, 1-NA (T)
- 526 beta Naphthylamine, 2-NA (1)
- 527 Neohexane; 2,2-Dimethylbutane (T,F)
- 528 Nickel (powder) (T,F)
- 529 Nickel acetate (1)
- 530 Nickel sulfide (T)
- 531 *Nickel arsenate, Nickelous arsenate (T)
- 532 *Nickel carbonyl, Nickel tetracarbonyl (T)
- 533 Nickel chloride, Nickelous chloride (T)
- 534 *Nickel cyanide (T)
- 535 Nickel nitrate, Nickelous nitrate (T,F,R)
- 536 Nickel selenide (T)
- 537 Nickel sulfate (T)
- 538 Nicotine, beta-pyridyl-alpha-N-methyl pyrrolidine (T)
- 539 Nicotine salts (T)
- 540 Nitric acid (T,C,F)
- 541 Nitroaniline, Nitraniline (ortho, meta, para) (T,R)
- 542 *Nitrobenzol, Nitrobenzene (T)
- 543 4-Nitrophenyl, 4 NBP (T)
- 544 Nitro carbo nitrate (F,R)
- 545 Nitrocellulose, Cellulose nitrate, Gun cotton, Pyroxylin, Collodion, Pyroxylin (nitrocellulose) in ether and alcohol (F,R)

- 546 Nitrochlorobenzene, Chloronitrobenzene (ortho,meta,para) (T)
- 547 Nitrogen mustard (T,C)
- 548 Nitrogen tetroxide, Nitrogen dioxide (T,F)
- 549 Nitroglycerin, Trinitroglycerin (T,F,R)
- 550 Nitrohydrochloric acid, Aqua regia (T,C,F)
- 551 *Nitrophenol (ortho, meta, para) (T)
- 552 *N-Nitrosodimethylamine, Dimethyl nitrosamine (T)
- 553 Nitroguanidine (R)
- 554 Nitrostarch, Starch nitrate (F,R)
- 555 Nitroxylo, Nitroxyloene, Dimethylnitrobenzene (2,4-2,4-2,5-isomers) (1)
- 556 1-Nonene, 1-Nonylene (and isomers) (T,F)
- 557 Nonyltrichlorosilane (T,R)
- 558 Octadecyltrichlorosilane (T,R)
- 559 n-Octane (and isomers) (T,F)
- 560 1-Octene, 1-Copylene (T,F)
- 561 *Octyltrichlorosilane (T,R)
- 562 Oleum, Fuming sulfuric acid (T,C,R)
- 563 Osmium compounds (T)
- 564 Oxalic acid (1)
- 565 Oxygen difluoride (T,C,R)
- 566 Para oxon, MINTACOL, O,O-Diethyl-O-para-nitrophenyl phosphate (1)
- 569 Parathion, O,O-Diethyl-O-para-nitrophenyl phosphorothioate (T)
- 570A. *Pentaborane (T,F,R)
- 570B. Pentachlorophenol, PCP, DOWICIDE 7 (T)
- 571 Pentaerythrite tetranitrate, Pentaerythritol tetranitrate (R)
- 572 n-Pentane (and isomers) (T,F)
- 573 2-Pentanone, Methyl propyl ketone (and isomers) (T,F)
- 574 Peracetic acid, Peroxyacetic acid (T,C,F,R)
- 575 Perchloric acid (T,C,F,R)
- 576 Perchloroethylene, Tetrachloroethylene (T)
- 577 *Perchloromethyl mercaptan, Trichloromethylsulfenyl chloride (T)
- 578 Perchloryl fluoride (T,C,F)
- 580 Phenol, Carboic acid (T,C)
- 581 *Phenyldichloroarsine (T,1)
- 582 Phenylendiamine, Diaminobenzene (ortho,meta,para) (T)
- 583 Phenylhydrazine hydrochloride (T)
- 584 *Phenylphenol, Orthozenol, DOWICIDE I (T)
- 585 *Phenyltrichlorosilane (T,R)
- 586 Phorate, THIMET, O,O-Diethyl-S-((Ethylthio) methyl) phosphorodithioate (T)
- 587 Phosolan, CYOLAN, 2-(Diethoxyphosphorylmethyl)-1,3-dithiolane (T)
- 588 Phosgene, Carbonyl chloride (T,R)
- 589 Phosphamidon, DIMECHON, 2-Chloro-2-diethylcarbamoyl-1-methylvinyl dimethyl phosphate (T)
- 590 Phosphine, Hydrogen phosphide (T,F)
- 591 Phosphoric acid (C)
- 592 Phosphoric anhydride, Phosphorus pentoxide (C,F)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

FACSIMILE TRANSMITTAL

TO:

547-2511 Floor/Room # _____
Fax Phone Number

Name: Mikkelsen Title/Section

Agency: Plywood & Lumber

Address: 4050 Horton

Phone #: () 547-7257

FROM:

568-3706 Floor/Room # _____
Fax Phone Number

Date: 5-8-90 Time Sent: 4:20

Sender: Tom Pearson Title/Section

Phone #: () 271-4320

Number of Pages Including Transmittal Sheet: 2

Special Instructions/Comments:

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

April 18, 1990

Jeff Hunt, President, Plywood and Lumber Sales
4050 Horton St.
Emeryville, CA 94608

Re: 4050 Horton St., Emeryville, 94608

SECOND NOTICE OF VIOLATION

Dear owner/operator:

Our records indicate that there are underground tank(s) at your site at the above facility. You were notified of this situation months ago and have not taken the appropriate action as described below.

In accordance with the California Code of Regulations, Title 23, Chapter 3, Subchapter 16 Underground Tank Regulations you must perform one of the following actions:

1. Submit a tank closure plan to this Department as required by Article 7, 2670, or
2. Apply for a permit as required by Article 10, 2710.

You are directed to notify this Department within 10 days of your intentions and to obtain the necessary instructions and forms.

Please note that section 25299 of the California Health and Safety Code states that any operator or owner of an underground storage tank is liable for a civil penalty of not less than five hundred dollars or more than five thousand dollars per day for failure to obtain a permit, or failing to properly close an underground storage tank, as required by section 25298.

If you have any questions concerning this matter, please contact this office at 271-4320.

Sincerely,

Thomas F. Peacock, Senior HMS
Hazardous Materials Division

TFP:tfp

cc: Gil Jensen, Alameda County District Attorney, Consumer and
Environmental Protection Agency
Lester Feldman, RWQCB

PGM. NO.: IS1669TL
 REPORT NO.: 101
 RUN DATE: 01/25/90
 SEQUENCE: SITE ADDRESS

01-000 SITE ADDRESS LISTING
 ALAMEDA COUNTY

MS 01 12-31-88
 SITES & TANKS

COMP#	NAME/ADDRESS.....	TANK #	STATE ID	CAPACITY	TANK USE	STORAGE	CONTENT	TANKS
45601	EMERYVILLE FIRE DEPARTMENT 6303 HOLLIS ST EMERYVILLE CA 94608	1	45601001	1000	M.V. FUEL	PRODUCT	DIESEL	3
		2	45601002	550	M.V. FUEL	PRODUCT	UNLEADED	
		3	45601003	350	M.V. FUEL	PRODUCT	DIESEL	
65207	WAREHOUSE 6450 HOLLIS ST EMERYVILLE CA 94608 415 396-3063	1	65207001	-----	M.V. FUEL	PRODUCT		1
67530	MCGRATH STEEL CO. 6655 HOLLIS ST EMERYVILLE CA 94608	1	67530001	2000	M.V. FUEL	PRODUCT	DIESEL	2
		2	67530002	2000	M.V. FUEL	PRODUCT	UNLEADED	
43104	WEYERHAEUSER CO 4050 HORTON EMERYVILLE CA 94608 415 547-3820	1	43104001	-----	M.V. FUEL	PRODUCT		1
54570	PROCESS DEVELOPMENT UNIT 4595 HORTON ST EMERYVILLE CA 94608	1	54570001	688	UNKNOWN	PRODUCT		2
		2	54570002	688	UNKNOWN	PRODUCT		
30299	GROVE OVERLAND INC. 4055 HUBBARD ST EMERYVILLE CA 94608	1	30299001	-----	M.V. FUEL	PRODUCT	DIESEL	1
36268	J. T. THORPE & SON, INC. 1351 OCEAN AVE EMERYVILLE CA 94608 415 547-2400	1	36268001	4000	M.V. FUEL	PRODUCT	DIESEL	1
54608	THE AMERICAN RUBBER MFG. CO, 1145 PARK AVE EMERYVILLE CA 94608 415 652-0800	1	54608001	550	UNKNOWN	PRODUCT		
		2	54608002	250	UNKNOWN	PRODUCT		
		3	54608003	10000	M.V. FUEL	PRODUCT	DIESEL	
		4	54608004	250	M.V. FUEL	PRODUCT	LEADED	
11007	PEPSI COLA BOTTLING CO. 1150 PARK AVE EMERYVILLE CA 94608	1	11007001	10000	M.V. FUEL	PRODUCT	LEADED	4
		2	11007002	8000	M.V. FUEL	PRODUCT	DIESEL	
		3	11007003	10000	M.V. FUEL	PRODUCT	LEADED	
		4	11007004	8000	M.V. FUEL	PRODUCT	DIESEL	
652	DEL MONTE CORP., PLANT #35 1250 PARK AVE EMERYVILLE CA 94608 415 420-2500	1	652001	25000	UNKNOWN	WASTE		3
		2	652002	500	M.V. FUEL	WASTE	LEADED	
		3	652003	-----	M.V. FUEL	WASTE	LEADED	

R

R

REPORT NO. UTC
AS OF 05-14-88

U.S.T. SITES & ASSOCIATED TANKS -- LISTING FOR CORRECTION
PROGRAM 23 UNDERGROUND TANK PROGRAM

5863 PRINTED 14.43 PAGE 865
05/14/88

STATE: CA 1 ALAMEDA
999 COUNTY AT LARGE
001 ENVIRONMENTAL HEALTH

STATE SITE ID 00043104
LOCAL SITE ID

FACILITY ID#: 43104 NAME: WEYERHAEUSER CO

TANK NUMBER: 1

CONTENT DETAIL

A. CAS#:

B. CHEM NAME:

NOTES

CONTENT INFORMATION

STATE: CA 1 ALAMEDA
999 COUNTY AT LARGE
001 ENVIRONMENTAL HEALTH

STATE SITE ID 00043104
LOCAL SITE ID

NOTES

SITE INFORMATION (FORM A)

FACILITY ID#: 43104 # OF TANKS AT SITE 1 EPA ID:
FACILITY NAME: WEYERHAEUSER CO C/D:
ADDRESS: 4050 HORTON NAME TYPE: UNKNOWN
CITY: EMERYVILLE STATE: CA ZIP: 94608 PHONE: (415) 547-3820 EXT
TYPE OF BUSINESS: OTHER INDIAN RESERVATION:
NEAREST CROSS STREET: PARK

EMERGENCY CONTACT PERSON (PRIMARY)		EMERGENCY CONTACT PERSON (SECONDARY)	
NAME	PHONE	NAME	PHONE
DAY: WEATHERFORD ASHLEY(415)	439-2474 EXT	()	- EXT
NIGHT: SAME	() - EXT	()	- EXT

PROP OWNER NAME: JOHN L GOMPERTZ MD C/D:
ADDRESS: 5405 BROADWAY TER NAME TYPE: UNKNOWN
CITY: OAKLAND STATE: CA ZIP: PHONE: () - EXT

TANK OWNER NAME: WEYERHAEUSER CO C/D:
ADDRESS: 4050 HORTON NAME TYPE: UNKNOWN
CITY: EMERYVILLE STATE: CA ZIP: 94608 PHONE: () - EXT

LEGAL/BILL NAME: WEYERHAEUSER CO C/D:
ADDRESS: 4050 HORTON NAME TYPE: UNKNOWN
CITY: EMERYVILLE STATE: CA ZIP: 94608 PHONE: () - EXT

PERMIT #: APPRV'D DATE: - - EXP. DATE: - -
LOCATION: 99 #99 UNINCORPORATED AREA CENSUS TRACT#:
DIV: SUP:01 DIST:01 BUSINESS PLAN FILED: N DATE FILED: - -
CHECK #: PERMIT AMT: \$0.00 SURCHARGE AMT: \$0.00
FEE CODE: RECEIPT #: REC'D BY:

STATE: CA 1 ALAMEDA
999 COUNTY AT LARGE
001 ENVIRONMENTAL HEALTH

STATE SITE ID 00043104
LOCAL SITE ID

NOTES

TANK INFORMATION (FORM B)

FACILITY ID#: 43104 NAME: WEYERHAEUSER CO STATE-TANK-ID: 00043104-001
TANK NUMBER: 1 LOCAL-TANK-ID: -

TANK DESCRIPTION

A. OWNERS TANK ID#: 1 B. MANUFACTURED BY:
C. DATE INSTALLED: - - D. CAPACITY IN GALLONS:

TANK CONTENTS

A. TANK USE: 1 MOTOR VEHICLE FUEL B. STORAGE: 1 PRODUCT
C. VEHICLE FUEL: 99 OTHER D. NAME: CAS#:
CONTENT ON FOLLOWING PAGE.

TANK CONSTRUCTION

A. SYSTEM TYPE: 95 UNKNOWN B. MATERIAL: 95 UNKNOWN
C. INTERIOR LINING: 95 UNKNOWN IS METHANOL COMPATIBLE?:
D. CORROSION PROTECTION: 95 UNKNOWN

PIPING INFORMATION

A. PIPING SYSTEM	B. CONSTRUCTION	C. MATERIAL
A/G 95 UNKNOWN	95 UNKNOWN	95 UNKNOWN
U/G 95 UNKNOWN	95 UNKNOWN	95 UNKNOWN

LEAK DETECTION SYSTEM

PRIMARY: 91 NONE SECONDARY: 91 NONE

CLOSED TANK INFO

ESTIMATED LAST USE: - - QUANTITY REMAINING: INERT FILLED:

PERMIT #: APPRV'D DATE: - - EXP. DATE: - -

LOCATION: 99 #99 UNINCORPORATED AREA CENSUS TRACT#:

DIV: SUP:01 DIST:01 BUSINESS PLAN FILED: N DATE FILED: - -

CHECK #: PERMIT AMT: \$.00 SURCHARGE AMT: \$.00

FEE CODE: RECEIPT #: REC'D BY:

**ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
80 SWAN WAY, ROOM 200
OAKLAND, CA 94621
PHONE NO. 415/271-4320**

ACCEPTED
DEPARTMENT OF ENVIRONMENTAL HEALTH
470 - 27th St. 5th Floor
Oakland, CA 94612
Telephone: (415) 575-2227

These plans have been reviewed and found to be acceptable and essentially meet the requirements of State and local health laws. Changes to be made as required by this Department are to ensure compliance with local health laws. The project proponent has indicated that the health hazard assessment of any existing and proposed underground storage tanks is available to all contractors and construction personnel with the removal.

Any change or alterations of the plans or specifications must be submitted to the Department in writing on the time and Building Department's stamp. It is the contractor's responsibility to ensure that the specifications of the plans or drawings are followed. Not by this Department at least 48 hours prior to the following required inspections:

- Removal of Tank and Piping
- Sampling
- Final Inspection

Issuance of a permit to operate is dependent on compliance with accepted plans and all applicable laws and regulations.

IT IS A PENALTIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

Arson J. Hugo
1/21/90

* Please note changes made on page 2, 3 & 4.

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

1. Business Name Plywood Lumber and Sales
Business Owner MR. JEFF HUNT
2. Site Address 4050 HORTON ST.
City EMERYVILLE Zip CA Phone 547-7257
3. Mailing Address 4050 HORTON ST.
City EMERYVILLE Zip 94608 Phone 547-7257
4. Land Owner PLYWOOD LUMBER & SALES
Address 4050 HORTON City, State EMERYVILLE Zip 94608
5. EPA I.D. No. CAC000535456
6. Contractor ZACOR COMPANIES, INC.
Address 791 HAMILTON AVENUE
City MENLO PARK, CA Phone 363-2181
License Type 478799 ID# CLASS A
7. Consultant ENVIRONMENTAL TECHNICAL SERVICES
Address P.O. BOX 2572
City MENLO PARK Phone 325-3235

8. Contact Person for Investigation

Name GARY A. ZACCOR Title ESTIMATOR
Phone 415-363-2181

9. Total No. of Tanks at facility 1

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

11. State Registered Hazardous Waste Transporters/Facilities

a) Product/Waste Tranporter

Name ALLIED OIL EPA I.D. No. CAT080014277
Address P.O. BOX 399
City ALVISO State CA Zip 95002

b) Rinsate Transporter

Name ALLIED OIL EPA I.D. No. CAT080014277
Address P.O. BOX 399
City ALVISO State CA Zip 95002

c) Tank Transporter

Name ERICKSON, INC EPA I.D. No. CAD009466392
Address 225 PARR BLVD
City RICHMOND State CA Zip 94804

d) Tank Disposal Site

Name ERICKSON, INC EPA I.D. No. CAD009466392
Address 225 PARR BLVD
City RICHMOND State CA Zip 94804

e) Contaminated Soil Transporter

Name N/A EPA I.D. No. _____
Address _____
City _____ State _____ Zip _____

12. Sample Collector

Name ENVIRONMENTAL TECH. SERVICES
 Company HELEN MAWHANNEY
 Address P.O. BOX 2572
 city MENLO PK. State CA Zip 94026 Phone 325-3235

13. Sampling Information for each tank or area

Tank or Area		Material sampled	Location & Depth
Capacity	Historic Contents (past 5 years)		
500	gasoline	Soil / groundwater if present	One sample beneath each tank and no deeper than 2 ft. below the tank bottom.
* One sample must be collected for every 20 feet of piping.			

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

If yes, describe. _____

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

If yes, describe. triple rinse, hydroblast and dry ice at 6.5 lbs per 100 gallons

An explosion proof combustible gas meter shall be used to verify tank inertness.

16. Laboratories

Name Mobile Chem Labs, Inc. Anamatrix Labs, Inc
 Address 1678 Reliez Valley Road 1961 Concourse Drive
 City Lafayette San Jose State CA Zip 94549 95131
 State Certification No. 95 151

17. Chemical Methods to be used for Analyzing Samples

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Number
TPH G	5030	GC FID
BTX&E	8020 or 8240 prep method	8020 or 8240
Total Lead	AA	
<p>The following RWQCB detection limit must be met:</p> <p>TPH G 1.0 ppm (soil) — 50.0 ppb (water)</p> <p>BTX&E 5.0 ppb (soil) — 0.5 ppb (water)</p>		

18. Submit Site Safety Plan

19. Workman's Compensation: Yes No

Copy of Certificate enclosed? Yes No

Name of Insurer State Fund

20. Plot Plan submitted? Yes No

21. Deposit enclosed? Yes No

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

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

I declare that to the best of my knowledge and belief the statements and information provided above are correct and true. I understand that information in addition to that provided above may be needed in order to obtain an approval from the Department of Environmental Health and that no work is to begin on this project until this plan is approved.

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

I 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 and safety.

I will notify the Department of Environmental Health at least two (2) working days (48 hours) after approval of this closure plan in advance to schedule any required inspections. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Signature of Contractor

Name (please type) Gary Zaccor
Signature Gary Zaccor
Date 11-28-90

Signature of Site Owner or Operator

Name (please type) Plywood & Lumber Sales, Inc MD Mikkelsen
Signature MD Mikkelsen
Date 11-30-90

NOTES:

1. Any changes in this document must be approved by this Department.
2. Any leaks discovered must be submitted to this office on an underground storage tank unauthorized leak/contamination site report form within 5 days of its discovery.
3. Three (3) copies of this plan must be submitted to this Department. One copy must be at the construction site at all times.
4. After approval of plan, notification of at least two (2) working days (48 hours) must be given to this Department prior to removal of tank(s).
5. A copy of your approved plan must be sent to the landowner.
6. Triple rinse means that:
 - a) Final rinse must contain less than 100 ppm of Gasoline (EPA method 8020 for soil, or EPA method 602 for water) or Diesel (EPA method 418.1). Other methods for halogenated volatile organics (EPA method 8010 for soil, EPA method 601 for water) may be required. The composition of the final rinse must be demonstrated by an original or facsimile report from a laboratory certified for the above analyses.
 - b) Tank interior is shown to be free from deposits or residues upon a visual examination of tank interior.
 - c) Tank should be labelled as "tripled rinsed; laboratory certified analysis available upon request" with the name and address of the contractor.

If all the above requirements cannot be met, the tank must be transported as a hazardous waste.

7. Any cutting into tanks requires local fire department approval.

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

ATTACHMENT A

SAMPLING RESULTS

Tank or Area	Contaminant	Location & Depth	Results (specify units)

**STATE
COMPENSATION
INSURANCE
FUND**

P.O. BOX 807, SAN FRANCISCO, CA 94101-0807

CERTIFICATE OF WORKERS' COMPENSATION INSURANCE

March 29, 1990

POLICY NUMBER: 801858-90
CERTIFICATE EXPIRES: 03-15-91

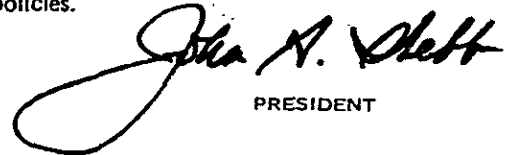
Alameda County Environmental Health
80 Swan Wy Rm 200
Oakland, Ca 94621

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 ³⁰~~ten~~ days' advance written notice to the employer.

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

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


PRESIDENT

ENDORSEMENT #2065 ENTITLED CERTIFICATE HOLDERS' NOTICE
EFFECTIVE 03-15-90 IS ATTACHED TO AND FORMS A PART OF THIS POLICY.

RECEIVED
4/2/90

EMPLOYER

Zaccor Companies Inc
791 Hamilton Ave
Menlo Park, Ca 94025

ENVIRONMENTAL BIO-SYSTEMS
SITE SAFETY PLAN 521

1. Site to be barricaded prior to excavation and warning signs and/or tape labeled NO SMOKING UNDERGROUND TANK TEST and CAUTION OPEN TRENCH put around areas of excavation.
2. All personnel from Zaccor Corporation will have hard hats, rubber gloves, eye protection and disposable coveralls (if needed)
3. All personnel will have cartridge type respirators.
4. Gastech 1314 Vapor Meter supplied by Zaccor Corporation will be present. A second Gastech will be supplied by Environmental Bio-Systems during sampling.
5. Air Quality Control Board will be notified prior to excavation.
6. Underground Service Alert will be contacted prior to excavation for underground utilities.
7. Zaccor Corporation will supply an industrial hygienist only in the event of large scale remediation requirements.

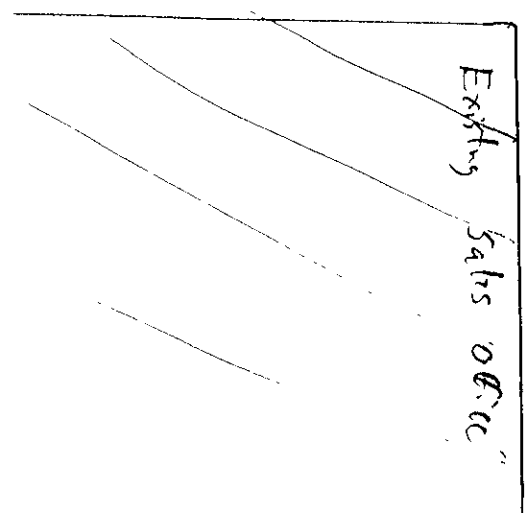
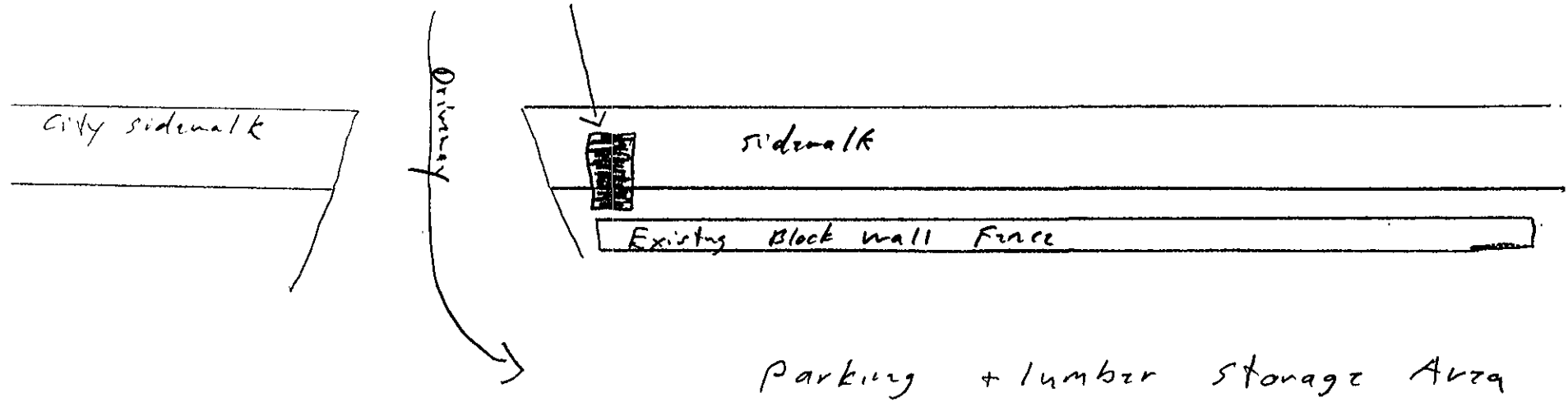
Site Safety Officer: Scott Zaccor

Emergency Phone # 363-2181

Nearest Hospital: _____

~~Bremerton~~
Mr. Jeff Hunt
4050 Horton St.
Emeryville, CA

Existing
500 Gall
Tank
(Gasoline)



SITE HEALTH AND SAFETY PLAN SUMMARY

SITE NAME: *Plywood and Lumber Sales, Inc.*
ADDRESS: *4050 Horton St., Emeryville*

SITE TELEPHONE: (415) 999-2017 (Gary Zaccor mobile)
 (415) 999-2016 (Scot Zaccor mobile)

INVESTIGATION DATE: *December 10, 1990* *9:00 am*

Project No.: *1190-59*

SITE SAFETY OFFICER: Scot Zaccor

PROJECT MANAGER: Gary Zaccor

*Tank
Pull
schedule*

<u>TYPE OF INVESTIGATION</u>	<u>POTENTIAL HAZARDS</u>
<input checked="" type="checkbox"/> Soils Sampling	<input checked="" type="checkbox"/> Organics <input type="checkbox"/> Acids
<input checked="" type="checkbox"/> Groundwater Sampling	<input type="checkbox"/> Inorganics <input type="checkbox"/> Bases
<input type="checkbox"/> Site walkthrough	<input checked="" type="checkbox"/> Heavy Metals <input type="checkbox"/> Fire
<input checked="" type="checkbox"/> Remedial Activities	<input checked="" type="checkbox"/> Solvents
<input checked="" type="checkbox"/> Subcontractor Supervision	<input type="checkbox"/> Pesticides
<input type="checkbox"/> Other: <u><i>tank removal</i></u>	<input type="checkbox"/> Other: _____

PERSONAL PROTECTIVE EQUIPMENT Level: A B C D

<input checked="" type="checkbox"/> Hard Hat	<input checked="" type="checkbox"/> Ear Plugs/Muffs
<input checked="" type="checkbox"/> Boots	<input checked="" type="checkbox"/> Safety Glasses
<input checked="" type="checkbox"/> Steel toed	<input type="checkbox"/> Respirator
<input type="checkbox"/> Chemical resistant	<input type="checkbox"/> Organic vapor cartridges
<input type="checkbox"/> Coveralls	<input type="checkbox"/> Particulate filters
<input type="checkbox"/> Cotton	<input type="checkbox"/> other: _____
<input type="checkbox"/> Tyveks	<input checked="" type="checkbox"/> First Aid Kit
<input checked="" type="checkbox"/> Gloves	<input checked="" type="checkbox"/> Organic Vapor Meter
<input type="checkbox"/> Disposable inner PVC	<input type="checkbox"/> Other: OVA (OVM backup)
<input type="checkbox"/> Disposable outer <u><i>vinyl</i></u>	

1.0 INTRODUCTION

This Site Health and Safety Plan, developed in accordance with Occupational Safety and Health Administrative (OSHA) standards for hazardous waste operations (29 CFR 1910.120), establishes general health and safety protocol for Zaccor Companies, Inc., ("ZCI") personnel at the Plywood and Lumber Sales, 4050 Horton, Emeryville.

For informational purposes only, this plan may be provided to subcontractors of ZCI involved in activities at the PALS, inc. 4050 Horton St. Emeryville facility. However, entities and personnel other than ZCI staff shall be solely responsible for their own health and safety and shall independently assess onsite conditions and develop their own health and safety protocol. Other entities or personnel that anticipate using health and safety measures which are less stringent than ZCI's measures should immediately contact ZCI's Site Safety Officer.

Zaccor Companies, Inc. has developed a corporate health and safety plan. The Corporate Plan complies with current health and safety regulations, including OSHA 29 CFR 1910.120, Hazardous Waste Operations and Emergency Response. Many of the protocols of the corporate plan are conducted on a routine basis (general training, respirator fit testing, general medical record keeping, etc.) and are not repeated herein. The Corporate Plan was developed for ZCI employees. Questions regarding the ZCI Corporate Plan are referred to the ZCI Corporate Safety Supervisor, Scot Zaccor.

A copy of the Zaccor Companies, Inc. Field Investigations Site Health and Safety Plan along with any addenda, if issued, containing activity specific health and safety information will be kept in a conspicuous location on-site at all times while work is being conducted.

2.0 KEY HEALTH AND SAFETY PERSONNEL

The ZCI Site Safety Officer (SSO) is Scot Zaccor. In the absence of the SSO during field activities, a member of the field investigation team will be designated as the ZCI Field Site Safety Officer (FSSO). The SSO or FSSO are responsible for the following:

- Observing field activities for compliance with this Site Health and Safety Plan, applicable addenda, ZCI's Corporate Health and Safety Plan.
- Modifying health and safety protocols or terminating field work when unsafe work conditions exist.

- Familiarizing ZCI personnel with health and safety protocols.
- Ensuring that ZCI field personnel wear appropriate personal protective equipment.
- Recording data from direct reading instruments and evaluating potential hazards to ZCI personnel.
- Monitoring decontamination procedures.
- Recording the occurrence of any site injury or illness.

3.0 SITE DESCRIPTION AND HISTORY

Removal of (1) 500 gallon underground storage tank. Backfill excavation & replace concrete sidewalk.

4.0 PROPOSED FIELD ACTIVITIES

The proposed field activities include:

1. Excavation of areas where underground storage tanks are potentially located.
2. Soil sampling a/o groundwater sampling.
3. Backfilling the excavation.
4. Re-covering the disturbed areas with asphaltic concrete or concrete (mix to be specified per City specs).

5.0 HAZARD ANALYSIS

5.1 POTENTIAL PHYSICAL HAZARDS

Field personnel should be cognizant of potential physical hazards associated with use of heavy equipment, steam cleaning equipment, and electrical equipment during field operations. Equipment should be operated by S.A.R.A. trained personnel. Appropriate protective equipment includes the following:

- Hardhats, safety glasses, and steel-toe boots will be worn.
- Gloves will be worn when handling equipment or moving drums.
- Hearing protection (ear plugs or ear muffs) will be worn when noise becomes discomforting.

- ° A first aid kit will be available at the jobsite.

Adverse climate conditions, primarily heat, are important considerations in planning and conducting site operations. Heat stress is an associated concern, particularly when protective clothing is worn. Preventative measures include the following:

- ° Frequent rest periods in the shade when heat and/or humidity is high.
- ° Provide water and/or commercial electrolyte solutions. Drinking of these fluids will be encouraged.
- ° Suitable acclimation periods will be provided for workers to gradually establish their resistance to heat stress.

Personnel exhibiting symptoms of heat stress (nausea, cramps, dizziness, clammy skin) will be removed from the work area, cooled, fluids will be administered, and the personnel will be observed. Personnel exhibiting symptoms of heat stroke (hot dry skin, mental confusions, unconsciousness) will be immediately cooled and taken to the hospital.

ZCI FIELD PERSONNEL SHOULD NOT ENTER ANY EXCAVATIONS. ZCI personnel should be aware of the potential hazards associated with unshored excavations, and should not stand on unsupported ground within 5 feet of any unshored or unsloped walls of the excavation.

5.2 POTENTIAL CHEMICAL HAZARDS

Volatile organics and heavy metals are the primary chemicals of concern detected in the sample of soil and sludge.

Field personnel could potentially be exposed to the heavy metals by direct contact with soil, or through inhalation of dusts containing heavy metals. Field personnel could potentially be exposed to volatile organics by direct contact with soil or groundwater.

Field personnel will minimize potential chemical hazards by 1) standing upwind of the work area when possible. 2) avoiding direct contact with soil and groundwater, 3) avoiding generation of dust (visual monitoring), and 4) wearing appropriate personal protective equipment as outlined in Section 6.1. As a general precaution to detect organic vapors, air monitoring to measure organic vapor concentrations in the breathing zone will be performed.

Ingestion of soil and particulate matter containing chemicals is another general exposure route. However, the potential for this type of exposure is minimal during site investigation of the type planned. Safe work practices, including prohibition of eating, drinking, or smoking on site will be enforced at the worksite.

Field personnel will wear coveralls at the site (if required) to minimize contact of clothing with mud and soil potentially containing contaminants. Used and soiled coveralls will be removed and disposed onsite, before leaving the area. Shoes, tools, and hands will be cleaned before leaving the site.

5.3 COMMUNITY HAZARD ANALYSIS

Vapor emissions generated during the proposed field activities are expected to be insignificant. Potential exposure to the surrounding community is unlikely. If significant vapor emissions do occur, the work will be stopped and corrective actions implemented to reduce vapor emissions.

6.0 PROTECTIVE ACTIONS

6.1 PERSONAL PROTECTIVE EQUIPMENT

Field personnel will wear equipment to protect against the potential physical and chemical hazards which have been identified herein and those that become apparent in the field. Level D protection will be required at a minimum for field activities at the site. Level D personal protective equipment to be used will include:

- ° Hard Hat
- ° Chemical resistant disposable gloves
- ° Boots, steel toe and shank
- ° Safety glasses and earplugs

Modified Level C protection will be required during collection or handling of soil samples and whenever VOCs are found in the workspace, based on OVM readings. In addition to the Level D protection above, modified Level C protection includes:

- ° Tyvek coveralls
- ° Respiratory protection consisting of a half-mask purifying respirator with organic and particulate filter cartridges.

The level of protection employed for general site activities by ZCI personnel may be upgraded, as deemed necessary to the Site Safety Officer. If significant dust generation occurs or organic vapors are detected (see Monitoring below), the Site Safety Officer may require modified Level C protection, i.e., donning of respirator.

6.2 SITE CONTROL

Unauthorized and unprotected individuals will be requested to remain out of the area where work is being performed. Specific work zones will not be established for Level D activities at the facility. Work zones, including designation of an exclusion zone, a contamination reduction zone, and a support zone will be established for field activities which require Level C protection.

6.3 MONITORING

Field personnel will perform air monitoring continuously with a direct reading organic vapor meter (OVM) in the breathing zone at the work location. If OVM readings for a particular work area consistently exceed 5 parts per million (ppm) above background, personnel will withdraw upwind from the work area, if possible, or upgrade to modified Level C protection as outlined in Section 6.1. If OVM readings consistently exceed 10 ppm in the breathing zone while workers are in modified Level C protection, then work will cease and the source of the emission will be identified and controlled before work continues.

7.0 DECONTAMINATION

Minimum decontamination procedures associated with modified Level C protection will be followed, and established within the decontamination reduction zone. At the conclusion of each day, disposable gloves and coveralls will be removed and disposed of in on-site, designated containers. In addition, work boots will be removed and cleaned in a decontamination solution, or by using a pressurized spray washer, prior to leaving the site.

Decontamination procedures for modified Level C protection will be as follows:

Station 1: Equipment Drop Deposit equipment (tools, sampling devices and containers, monitoring instruments, radios, clipboards, etc.) in a designated area.

Station 2: Boot and outer glove wash and rinse Scrub boots and outer gloves with TSP solution. Rinse off using copious amounts of water.

Station 3: Outer glove removal Remove outer gloves and deposit in designated receptacle.

Station 4: Gloves and outer garment removal Remove Tyveks and inner gloves and deposit in designated containers.

Station 5: Face Piece Removal Remove facepiece. Avoid excessively touching facepiece with fingers. Dispose of canisters in designated receptacle and wash facepiece in TSP solution.

Station 6: Field wash Thoroughly wash hands and face. Shower as soon as possible.

8.0 TRAINING

ZCI personnel participating in field activities will have completed the Hazardous Waste Operations and Emergency Response 40-hour health and safety training course (29 CFR 1910.120). Training requirements are discussed in ZCI Corporate Health and Safety Program. Prior to each day work, a meeting will be held at the site to familiarize personnel with health and safety issues, protective equipment, emergency information and supplies, and to discuss special topics.

9.0 MEDICAL MONITORING

ZCI personnel participating in field activities are included in a medical monitoring program. The program includes a baseline physical examination, pulmonary function test, and blood and urine tests. Annual follow-up examinations are included. Details of the medical program are included in ZCI's Corporate Health and Safety Program.

10.0 SITE FACILITIES

The site will be equipped with rest room. Drinking water will also be available.

11.0 EMERGENCY RESPONSE PLAN

The nature of work at the jobsite makes emergencies a continual possibility. The ZCI Site Safety Officer (SSO) will be familiar with emergency procedures and evacuation routes.

If an injury occurs due to an accident, the SSO will be immediately notified so appropriate first aid can begin and medical attention arranged, if necessary. The SSO will investigate the nature and cause of the accident so that work procedures can be modified to minimize the likelihood of the incident's recurrence.

A first aid kit and emergency wash water will be readily available.

Routine and emergency communication will be provided by the mobile telephone. Emergency telephone numbers are given in Table 1. For emergencies not requiring an ambulance, injured personnel will be transported to (see attached map).

Signatures

Site Safety Officer Acot Zucco Date 12/3/90

Corporate Safety Supervisor [Signature] Date 12/3/90

Project Manager [Signature] Date _____

TABLE 1

EMERGENCY INFORMATION

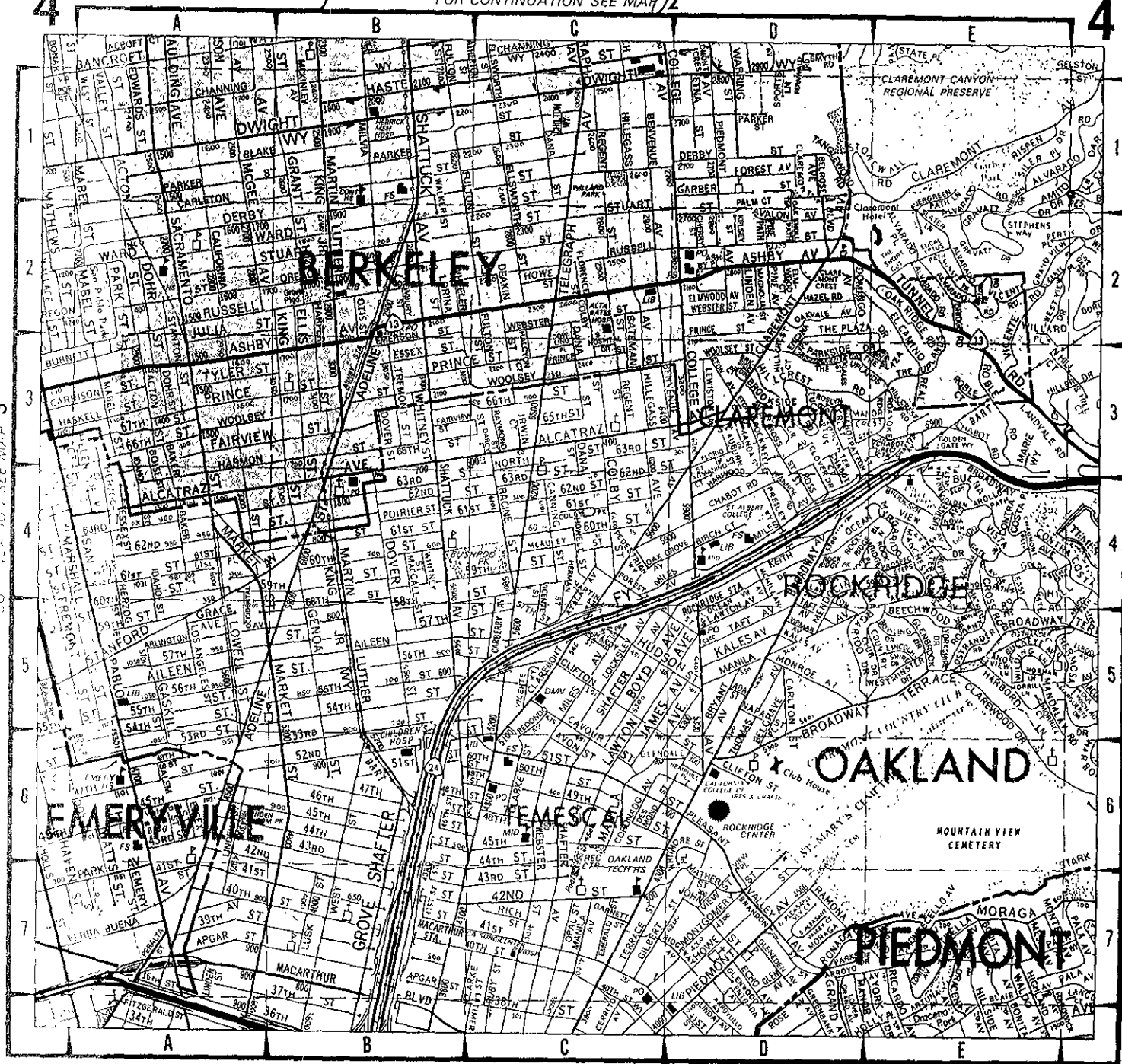
EMERGENCY TELEPHONE NUMBERS

In emergency:		911
Site Telephone:	<i>Gary's mobile</i>	(415) 999-2017
	<i>Scots mobile</i>	(415) 999-2016
 Hospital:	 <i>Alta Bates Hospital</i>	
	<i>3001 Colby St.</i>	
	<i>Berkeley, Ca</i>	
	<i>(415) 540-0337</i>	
 Police and Fire Departments:		911
Poison Control:		1 (800) 792-0720
 Zaccor Companies, Inc.		
Project Manager, Gary Zaccor		(415) 363-2181 (w)
		(415) 965-5190 (h)
 Site Safety Officer, Scot Zaccor		(415) 363-2181 (w)
		(415) 327-7998 (h)
 Corp. Safety Officer, Scot Zaccor		(415) 363-2181 (w)
		(415) 965-5190 (h)

Directions to Emergency Hospital (see Attached Map)

3001 Colby St., Berkeley

FOR CONTINUATION SEE MAP 2



SEE MAP 3

FOR CONTINUATION SEE MAP 6

1,488,

FOR CONTINUATION SEE MAP 9

1,497,

1,500,

COPYRIGHT, © 1988 BY Thomas Donohue Maps

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. **CA10100234473** Manifest Document No. **010101**

2. Page 1 of 1 Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
DUTRO 1335 62 ST. EMERYVILLE, CA 94602

A. State Manifest Document Number
88122438

4. Generator's Phone **(415) 652-9130**

B. State Generator's ID

5. Transporter 1 Company Name
Erickson Trucking Inc.

C. State Transporter's ID

7. Transporter 2 Company Name
DILLARD TRANSPORTATION

D. Transporter's Phone **(415) 235-1393**

9. Designated Facility Name and Site Address
**Erickson, Inc.
 255 Parr Blvd.
 Richmond, CA 94801**

E. State Transporter's ID **100981**
 F. Transporter's Phone **(415) 234-0567**
 G. State Facility's ID
 H. Facility's Phone **(415) 235-1393**

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers No. Type 13. Total Quantity 14. Unit Wt/Vol 15. Waste No.

a. **Waste empty storage tanks
 California Regulated Waste Only**

001 T 01000 P State **512**
 EPA/Other **None**

b.

State EPA/Other

c.

State EPA/Other

d.

State EPA/Other

J. Additional Descriptions for Materials Listed Above
Empty storage tank # 3014 last contained gasoline, tank iced with 15 lbs DRY ICE, tank 100 gal. capacity

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

15. Special Handling Instructions and Additional Information
Keep away from sources of ignition. Always wear hardhats, safety shoes, and gloves when working with U.S.T.'s

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.

Printed/Typed Name **BRET WALLACH** Signature **Bret Wallach** Month Day Year **022690**

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name **ERICKSON, INC. SUBCONTRACTED TO DILLARD TRANS** Signature **[Signature]** Month Day Year **022690**

18. Transporter 2 Acknowledgement of Receipt of Materials
 Printed/Typed Name **Don Dillard** Signature **[Signature]** Month Day Year **022690**

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

8 8122438
 IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-862-7550
 GENERATOR
 TRANSPORTER
 FACILITY

8 8122353

IN CASE OF AN 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. CAC1001021344730010011		Manifest Document No. 1 of 1		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address DUTRO 1333 62 ND ST EMERYVILLE CA. 94662						A. State Manifest Document Number 88122353							
4. Generator's Phone 445 652-9130						B. State Generator's ID 03700							
6. Transporter 1 Company Name ERICKSON TRUCKING INC				6. US EPA ID Number CA000194663912		C. State Transporter's ID 001385		D. Transporter's Phone (415) 235-1393					
7. Transporter 2 Company Name				8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone					
9. Designated Facility Name and Site Address ERICKSON INC. 255 PARR BLVD RICHMOND CA 94801						10. US EPA ID Number CA1010914663912		G. State Facility's ID					
						H. Facility's Phone (415) 235-1393							
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) a. WASTE EMPTY STORAGE TANKS CALIFORNIA REGULATED WASTE ONLY						12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		1. Waste No.	
						091 TPA10010		P		512		State EPA/Other NONE	
												State EPA/Other	
												State EPA/Other	
												State EPA/Other	
J. Additional Descriptions for Materials Listed Above EMPTY STORAGE TANK # 3015 LAST CONTAINED GASOLINE, TANK ICED W/ 15 CUBS DRY ICE, TANK 1000 GALS. CAPACITY						K. Handling Codes for Wastes Listed Above a. b. c. d.							
15. Special Handling Instructions and Additional Information KEEP AWAY FROM SOURCES OF IGNITION ALWAYS WEAR HARD HATS, SAFETY SHOES, AND GLOVES W/ WORKING W/ W.S. T.'S													
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 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 BRET WALLACH				Signature Bret Wallach				Month Day Year 10/21/90					
17. Transporter 1 Acknowledgement of Receipt of Materials													
Printed/Typed Name JERRY E. BROWN				Signature Jerry E. Brown				Month Day Year 10/21/90					
18. Transporter 2 Acknowledgement 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					

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

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

Hazardous Materials Division Inspection Form

Site ID# _____ Site Name Datro Company Today's Date 2/26/90
 Site Address 1333 62nd st EPA ID# _____
 City Emeryville Zip 94608 Phone _____

MAX Amt. Stored > 500lbs/55g/200cf? **Y N**
 Hazardous Waste generated per month? _____

Inspection Categories:

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

The marked items represent violations of the Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

I.A GENERATOR (Title 22)		Comments:
<ul style="list-style-type: none"> ___ 1. Waste ID * 66471 ___ 2. EPA ID 66472 ___ 3. > 90 days 66508 ___ 4. Label dates 66508 ___ 5. Biennial 66493 		
<ul style="list-style-type: none"> ___ 6. Records 66492 ___ 7. Correct 66484 ___ 8. Copy sent 66492 ___ 9. Exception 66484 ___ 10. Copies Rec'd 66492 		
<ul style="list-style-type: none"> ___ 11. Treatment 66371 ___ 12. On-site Disp. (H.S.&C.) 26189.5 ___ 13. Ex Haz. Waste 66570 		<p>1) 1,000gal gasoline, no obvious holes in tank, 2 soil samples collected from either end of tank at 3' + 5-6' one water sample collected TPH-G, BTX+E</p>
<ul style="list-style-type: none"> ___ 14. Communications 67121 ___ 15. Aisle Space 67124 ___ 16. Local Authority 67126 ___ 17. Maintenance 67120 ___ 18. Training 67105 		
<ul style="list-style-type: none"> ___ 19. Prepared 67140 ___ 20. Name List 67141 ___ 21. Copies 67141 ___ 22. Emg. Coord. Tmg. 67144 		<p>2) 1,000 gal gas/diesel(?), no obvious holes 2 soil samples collected from either end of tank at 3' + 5-6' TPH D, BTX+E</p>
<ul style="list-style-type: none"> ___ 23. Condition 67241 ___ 24. Compatibility 67242 ___ 25. Maintenance 67243 ___ 26. Inspection 67244 ___ 27. Buffer Zone 67246 ___ 28. Tank Inspection 67259 ___ 29. Containment 67245 ___ 30. Safe Storage 67261 ___ 31. Freeboard 67257 		
<p>One composite to be collected of excavation pile.</p>		
I.B TRANSPORTER (Title 22)		
<ul style="list-style-type: none"> ___ 32. Applic./Insurance 66428 ___ 33. Comp. Cert./CHP Insp. 66448 ___ 34. Containers 66465 		
<ul style="list-style-type: none"> ___ 35. Vehicles 66465 ___ 36. EPA ID #s 66531 ___ 37. Correct 66541 ___ 38. HW Delivery 66543 ___ 39. Records 66544 		
<ul style="list-style-type: none"> ___ 40. Name/ Covers 66545 ___ 41. Recyclables 66800 		

Contact: _____

Title: _____

Signature: _____

Inspector: _____

Signature: _____

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
 DEPARTMENT OF ENVIRONMENTAL HEALTH
 HAZARDOUS MATERIALS DIVISION
 80 SWAN WAY, ROOM 200
 OAKLAND, CA 94621
 PHONE NO. 415/271-4320

90 FEB -8 AM 11:52

LB/LS

ACCEPTED
 2/21/90
 DEPARTMENT OF ENVIRONMENTAL HEALTH
 470 - 27th Street, Third Floor
 Oakland, CA 94612
 Telephone: (415) 874-7237

These plans have been reviewed and found to be acceptable and essentially meet the requirements of State and local health laws. Changes to your plans indicated in this Department are to assure compliance with State and local laws. The project proposed herein is now released for issuance of any required building permits for construction. One copy of these accepted plans must be on the hand available to all contractors and craftsmen involved with the removal.

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

- Removal of Tank and Piping
- Sampling
- Final Inspection

Issuance of a permit to operate is dependent on the above with exception of the final inspection.

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

1. Business Name Dutro Company
 Business Owner Fred Berthrong & Vicki McCurdy
2. Site Address 1333 Sixty Second Street
 City Emeryville Zip 94662 Phone 415)652-9130
3. Mailing Address same as site
 City _____ Zip _____ Phone _____
4. Land Owner Maxine Dutro
 Address 1333 Sixty Second St. City, State Emeryville, CA Zip 94662
5. EPA I.D. No. CAC 000234473
6. Contractor Zaccor Corporation
 Address 791 Hamilton Avenue
 City Menlo Park 94025 Phone 363-2181
 License Type A ID# 478799
7. Consultant _____
 Address _____
 City _____ Phone _____

RECEIVED
 1/25/90

8. Contact Person for Investigation

Name Gary Zaccor Title Contractor
Phone 415)363-2181

9. Total No. of Tanks at facility 2

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

11. State Registered Hazardous Waste Transporters/Facilities

a) Product/Waste Tranporter

Name Allied Oil & Pumping EPA I.D. No. CAT 080014277
Address P.O. Box 399
City Alviso State CA Zip 95002

b) Rinsate Transporter

Name same as above EPA I.D. No. _____
Address _____
City _____ State _____ Zip _____

c) Tank Transporter

Name Erickson, Inc. EPA I.D. No. CAD 009466392
Address 225 Parr Blvd
City Richmond State CA Zip 94801

d) Tank Disposal Site

Name same as Tank Transporter EPA I.D. No. _____
Address _____
City _____ State _____ Zip _____

e) Contaminated Soil Transporter

Name _____ EPA I.D. No. _____
Address _____
City _____ State _____ Zip _____

12. Sample Collector

Name Environmental Bio-Systems

Company _____

Address 30028 Industrial Parkway, Southwest

City Hayward State CA Zip 94544 Phone 429-9988

13. Sampling Information for each tank or area

Tank or Area		Material sampled	Location & Depth
Capacity	Historic Contents (past 5 years)		
500 gal.	gasoline	soil	
500 gal.	gasoline	soil	

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

If yes, describe. _____

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

If yes, describe. triple rinse, hydroblast and dry ice
at 6.5 lbs per 100 gallons

An explosion proof combustible gas meter shall be used to verify tank inertness.

16. Laboratories

Name Mobile Chem Labs, Inc.

Address 1678 Reliez Valley Rd.

City Lafayette State CA Zip 94549

State Certification No. California 195

17. Chemical Methods to be used for Analyzing Samples

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Number
gasoline	soil - 8015/8020 water - 8015/624	

18. Submit Site Safety Plan

19. Workman's Compensation: Yes [x] No []

Copy of Certificate enclosed? Yes [x] No []

Name of Insurer State Fund

20. Plot Plan submitted? Yes [x] No []

21. Deposit enclosed? Yes [x] No []

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

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

SITE SAFETY PLAN

1. Site to be barricaded prior to excavation and warning signs and/or tape labeled NO SMOKING UNDERGROUND TANK TEST and CAUTION OPEN TRENCH put around areas of excavation.
2. All personnel from Zaccor Corporation will have hard hats, rubber gloves, eye protection and disposable coveralls (if needed)
3. All personnel will have cartridge type respirators.
4. Gastech 1314 Vapor Meter supplied by Zaccor Corporation will be present. A second Gastech will be supplied by Environmental Bio-Systems during sampling.
5. Air Quality Control Board will be notified prior to excavation.
6. Underground Service Alert will be contacted prior to excavation for underground utilities.
7. Zaccor Corporation will supply an industrial hygienist only in the event of large scale remediation requirements.

**STATE
COMPENSATION
INSURANCE
FUND**

P.O. BOX 807, SAN FRANCISCO, CA 94101-0807

CERTIFICATE OF WORKERS' COMPENSATION INSURANCE

MARCH 17, 1989

POLICY NUMBER: 0301859 - 88
CERTIFICATE EXPIRES: 3-15-90

CITY OF ALAMEDA
CITY HALL RM 306-BLDG DEPT
OAK & SANTA CLARA AVE
ALAMEDA
CA 94501

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.

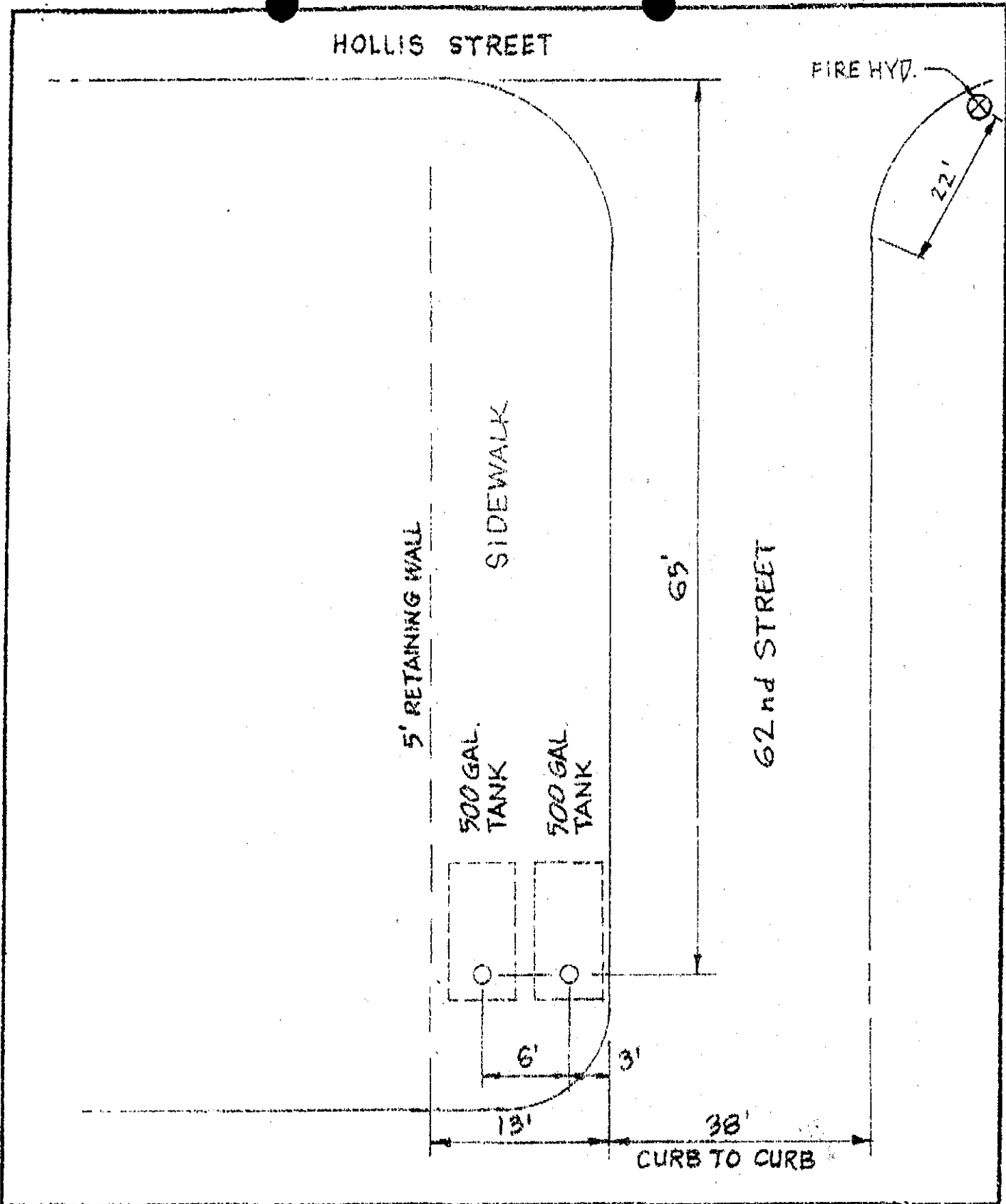
This certificate of insurance is not an insurance policy and does not amend, extend or alter the coverage afforded by the policies listed herein. Notwithstanding any requirement, term, or condition of any contract or other document with respect to which this certificate of insurance may be issued or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


PRESIDENT

ENDORSEMENT #2055 ENTITLED CERTIFICATE HOLDERS' NOTICE EFFECTIVE:
03/15/89 IS ATTACHED TO AND FORMS A PART OF THIS POLICY.

EMPLOYER

ZACCOR COMPANIES, INC
1784 CHANNING AVE
PALO ALTO
CA 94303



 CHEMICAL PROCESSORS,
INCORPORATED

DUTRO COMPANY
1333 - 62 ST.
EMERYVILLE, CA, 94662

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.

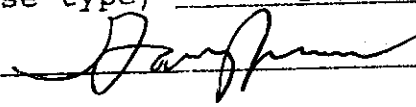
I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

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 and safety.

I will notify the Department of Environmental Health at least two (2) working days (48 hours) after approval of this closure plan in advance to schedule any required inspections. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Signature of Contractor

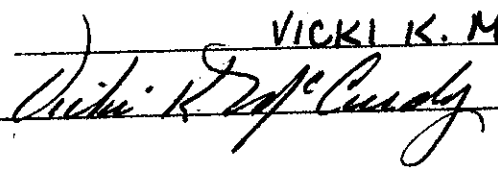
Name (please type) Gary Zaccor

Signature 

Date January 9, 1990

Signature of Site Owner or Operator

Name (please type) VICKI K. MCCURDY

Signature 

Date 1-23-90

NOTES:

1. Any changes in this document must be approved by this Department.
2. Any leaks discovered must be submitted to this office on an underground storage tank unauthorized leak/contamination site report form within 5 days of its discovery.
3. Three (3) copies of this plan must be submitted to this Department. One copy must be at the construction site at all times.
4. After approval of plan, notification of at least two (2) working days (48 hours) must be given to this Department prior to removal of tank(s).
5. A copy of your approved plan must be sent to the landowner.
6. Triple rinse means that:
 - a) Final rinse must contain less than 100 ppm of Gasoline (EPA method 8020 for soil, or EPA method 602 for water) or Diesel (EPA method 418.1). Other methods for halogenated volatile organics (EPA method 8010 for soil, EPA method 601 for water) may be required. The composition of the final rinse must be demonstrated by an original or facsimile report from a laboratory certified for the above analyses.
 - b) Tank interior is shown to be free from deposits or residues upon a visual examination of tank interior.
 - c) Tank should be labelled as "tripled rinsed; laboratory certified analysis available upon request" with the name and address of the contractor.

If all the above requirements cannot be met, the tank must be transported as a hazardous waste.

7. Any cutting into tanks requires local fire department approval.

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

ATTACHMENT A

SAMPLING RESULTS

Tank or Area	Contaminant	Location & Depth	Results (specify units)

INSTRUCTIONS

2. SITE ADDRESS

Address at which closure or modification is taking place.

5. EPA I.D. NO.

This number may be obtained from the State Department of Health Services, 916/324-1781.

6. CONTRACTOR

Prime contractor for the project.

7. OTHER

List professional consultants here.

12. SAMPLE COLLECTOR

Persons who are collecting samples.

13. SAMPLING INFORMATION

Historic contents - the principal product(s) used in the last 5 years.

Material sampled - i.e., water, oil, sludge, soil, etc.

16. LABORATORIES

Laboratories used for chemical and geotechnical analyses.

17. CHEMICAL METHODS:

All sample collection methods and analyses should conform to EPA or DHS methods.

Contaminant - Specify the chemical to be analyzed.

Sample Preparation Method Number - The means used to prepare the sample prior to analyses - i.e., digestion techniques, solvent extraction, etc. Specify number of method and reference if not an EPA or DHS method.

Analysis Method Number - The means used to analyze the sample - i.e., GC, GC-MS, AA, etc. Specify number of method and reference if not a DHS or EPA method.

NOTE:

Method Numbers are available from certified laboratories.

18. SITE SAFETY PLAN

A plan outlining protective equipment and additional specialized personnel in the event that significant amount of hazardous materials are found. The plan should consider the availability of respirators, respirator cartridges, self-contained breathing apparatus (SCBA) and industrial hygienists.

19. ATTACH COPY OF WORKMAN'S COMPENSATION

20. PLOT PLAN

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

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

rev. 9/88
mam

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



0000000001
Hazardous Materials Division
80 Swan Way, Rm. 200
Oakland, CA 94621
(415)

October 31, 1989

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

~~Weyerhaeuser Co.~~ *Plywood & Lumber Sales*
4050 Horton St.
Emeryville, CA 94608

RE: 4050 Horton St.

Jeff Hunt

NOTICE OF LEGAL OBLIGATION

Dear owner/operator:

Our records indicate that there are underground tank(s) at your site at the above facility.

In accordance with the California Code of Regulations, Title 23, Chapter 3, Subchapter 16 Underground Tank Regulations you must perform one of the following actions:

- all mail closed please*
1. Submit a tank closure plan to this Department as required by Article 7, 2670, or
 2. Apply for a permit as required by Article 10, 2710.

Notify this Department within 10 days of your intentions and to obtain the necessary instructions and forms.

Please note that section 25299 of the California Health and Safety Code states that any operator or owner of an underground storage tank is liable for a civil penalty of not less than five hundred dollars or more than five thousand dollars per day for failure to obtain a permit, or failing to properly close an underground storage tank, as required by section 25298.

If you have any questions concerning this matter, please contact this office at 271-4320.

Sincerely,

Thomas F. Peacock

Thomas F. Peacock, Senior HMS
Hazardous Materials Division

TFP:tfp

cc: Gil Jensen, Alameda County District Attorney, Consumer and
Environmental Protection Agency
Lester Feldman, RWQCB

DB/LS

FILE OR

ENVELOPE

PLAN REVIEW

By

Date

PER NO.

No. of

\$

Rec'd.

No.

Plans Rec'd.

Plans Approved

Layout Made

Rejected

Applicant Notified

Plans Returned

Permit Issued

CONSTRUCTION PROGRESS ACCEPTANCE

FOOD

Pre-Plaster/drywall

Pre-Final

Final

OWNER

Lutro Co.

Address 1333 Sixty Second Str.

Emeryville, CA. Phone 652-9130

Contractor

Zaccor Corp.

Address 791 Hamilton Avenue

Menlo Park, CA. Phone 363-2181

OTHER (Specify)

Address

Phone

CONTACT FOR INVESTIGATION

Gary Zaccor

363-2181

XR

REM

Date

By

REMARKS

Date

By

2/21/90

OB

Plan Approved

2/27/90

OB

Tanks Removed

Vicinity Map

ST 10 328

Project #

565657

Fee Paid

558⁰⁰

Date

2/08/90