ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

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

June 25, 2001

STID 3292

Mr. Robert Mibach
Peralta Community College District
333 East 8th Street
Oakland, CA 94606

RE: Property at 501 5th Avenue, Oakland, CA 94606

Dear Mr. Mibach:

I have been recently assigned to oversee the clean up project at the above referenced site. I have reviewed the files and it seems that there has been no recent quarterly groundwater sampling and monitoring performed or submitted to this office. In fact the last report is dated November 11, 1996. Please inform me whether you have performed any more recent groundwater sampling and analysis. If so, please send a copy to this office, otherwise, please perform and submit a recent groundwater monitoring report to this office within 30 days or by 7/25/2001. Please include Oil and Grease, TPHg, BTEX, and MTBE analysis for all monitoring wells.

In the past MW-1, and MW-2 wells have contained low or non-detect concentrations of constituents. However, MW-3 well has had some sampling events with floating products within the well.

Please inform me whether Mr. Timothy J. Walker or Mr. Marc W. Seeley of Touchstone Developments Environmental Management are your current consultant regarding the above referenced site.

If you have any questions and or concerns, please call me at (510) 567-6876.

Sincerely,

Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Mr. Gary B. Mateik, Horizon Environmental Inc., 5011 Golden Foothill Parkway, Suite 7, El Dorado Hills, CA 95762
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

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

June 21, 2001

STID 3292

Mr. Robert Mibach
Peralta Community College District
333 East 8th Street
Oakland, CA 94606

RE: Property at 501 5th Avenue, Oakland, CA 94606

Dear Mr. Mibach:

It has come to my attention that there has been no recent "Quarterly Groundwater Sampling and Monitoring" report submitted to this office. I looked into the whole file and to my knowledge the last work submitted is dated August 23, 1999. I reviewed this report as well and looked into the concentrations of constituents within the existing plume at the above referenced site.

Per this report the concentrations of all BTEX constituents as well as MTBE are either low and or non-detect historically within MW-1, MW-2, MW-3, and MW-4 wells. MW-2 and MW-3 have already been destroyed. The concentrations of TEPH as diesel is 230ppb, <50ppb, 520ppb, and 200ppb within MW-1 thorough MW-4 respectively. There was also 1000ppb of TEPH as motor oil within MW-3 during 1998 analysis. The concentrations of TPHg were at 50ppb (MW-2 in 1995) to <50ppb within all wells during the last analysis.

Additionally the mentioned report indicates that concentration of constituents within the plume are all below Table B Regional Water Quality Control Board (RWQCB) except for TEPH as motor oil within MW-3 at 1000ppb instead of allowed concentration of 640ppb. However, this concentration was noted back in 1998 and MW-3 well is now destroyed. Therefore I believe the concentration of this constituent is probably at or below 640 by now due to natural degradation. However, the soil concentrations of the constituents still need to be addressed.

I understand that your consultant is requesting this site for closure considerations. I concur that the concentrations of all constituents in groundwater are either low or non-detect according to the above-mentioned report. However, you need to provide some information regarding the concentrations of contaminants within soil at the present time and to provide evidence that the plume has been properly defined before we can proceed toward closure. Please submit document to address these issues.

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

Sincerely,

Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Mr. Gary B. Mateik, Horizon Environmental Inc., 5011 Golden Foothill Parkway, Suite 7, El Dorado Hills, CA 95762
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

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

October 20, 1999

STID 3292

Mr. Robert Mibach
Peralta Community College District
333 East 8th Street
Oakland, CA 94606

RE: Property at 501 5th Avenue, Oakland, CA 94606

LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS

Dear Mr. Mibach:

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.

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) 567-6876 if you have any questions about the content of this letter.

Sincerely,

Amir K. Gholami, REHS
Hazardous Materials Specialist

cc: Chuck Headlee, RWQCB

Attachments: Sample letter 2 and Sample letter 3, which must be filled out by the Responsible Party and mailed to Alameda County.

Alameda County Health care Services Agency
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

"List of Landowners" form (Sample Letter 2)

SUBJECT: **CERTIFIED LIST OF RECORD FEE TITLE OWNERS FOR** (Site name and address)
(to be filled in by the primary responsible party and mailed to Alameda County)

(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

Alameda County Health care Services Agency
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

"Notice of Proposed Action" form (Sample Letter 3)

SUBJECT: NOTICE OF PROPOSED ACTION SUBMITTED TO LOCAL AGENCY FOR *(site name and address)*
(to be filled in by the primary responsible party and mailed to Alameda county)

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

A·C·C
ENVIRONMENTAL
CONSULTANTS

ENVIRONMENTAL
PROTECTION
98 AUG 25 PM 11:02

August 21, 1998

STO 3292

Mr. Robert Mibach
Peralta Community College District
333 East 8th Street
Oakland, California 94606

RE: Groundwater Monitoring Report
Peralta Community College District Maintenance Yard, 501 5th Avenue, Oakland, California
ACC Project No. 6045-014.00

Dear Mr. Mibach:

The enclosed report describes the procedures used during groundwater monitoring and sampling at the Peralta Community College District Maintenance Yard, 501 5th Avenue, Oakland, California. This work was performed to evaluate the extent of groundwater impact from previous underground storage of petroleum hydrocarbons.

Groundwater samples were collected from the two existing monitoring wells and submitted to Chromalab, Inc., for petroleum hydrocarbon analyses in accordance with the *Tri-Regional Guidelines for Underground Storage Tank Sites*.

Analysis of groundwater samples collected from the monitoring wells indicated minor concentrations of diesel.

If you have any comments regarding this report, please call me at (510) 638-8400.

Sincerely,

Stephen Southern
Senior Environmental Assessor

/clm:sps

Enclosures

cc: Mr. Thomas Peacock, Alameda County Health Care Services Agency ✓

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

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

March 18, 1998

Robert Mibach
Peralta Community College District
333 East 8th St.
Oakland, CA 94606

re: STID 3292, 501 - 5th Ave., Oakland, CA 94606

Dear Robert Mibach:

This office has received and reviewed a Quarterly Groundwater Monitoring Report dated February 12, 1998 and a Work Plan for Monitoring Well Destruction dated March 4, 1998, both by ACC Environmental Consultants. The following are comments concerning these documents:

1. This office agrees with the conclusions on page 8. You are reminded that UST closure should be done through the City of Oakland.

2. This office accepts the work plan for the monitoring well destruction. A phone call was made to Ashley Pohlmann of ACC and apparently the well destruction occurred today.

3. The additional remedial action will occur as a separate action later this year.

Please contact me at (510) 567-6782 if you have any questions regarding this letter.

Sincerely,

Thomas Peacock, Manager

c: Misty Kaltreider, ACC Environmental Consultants, 7977 Capwell Dr., Suite 100, Oakland, CA 94621
LeRoy Griffin, City of Oakland Hazardous Materials
Dick Pantages - Chief

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

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

September 11, 1997

STID 3292

Robert Mibach
Peralta Community College District
333 East 8th St.
Oakland, CA 94606

Dear Robert Mibach

This office has received and reviewed a Quarterly Groundwater Monitoring Report dated August 13, 1997 by ACC Environmental Consultants. The following are comments concerning this report:

1. This office agrees with the recommendations on page 8. There is no reason to consider closing this site until the last unused underground storage tank is removed, as a possible additional source for contamination.

4. Semiannual monitoring is acceptable in the interim. You should not purge the wells prior to monitoring the next round. Several studies have shown that purging, while costly, does not render more useful information.

Please contact me at (510) 567-6782 if you have any questions regarding this letter.

Sincerely,

Thomas Peacock, Manager

c: Misty Kaltreider, ACC Environmental Consultants, 7977 Capwell Dr., Suite 100, Oakland, CA 94621
Gordon Coleman - Files

A·C·C
ENVIRONMENTAL
CONSULTANTS

STD 3292

August 13, 1997

Mr. Robert Mibach
Peralta Community College District
333 East 8th Street
Oakland, California 94606

RE: Groundwater Monitoring Report
Peralta Community College District Maintenance Yard, 501 5th Avenue, Oakland, California
ACC Project No. 6045-014.00

Dear Bob:

The enclosed report describes the procedures used during groundwater monitoring and sampling at the Peralta Community College District Maintenance Yard, 501 5th Avenue, Oakland, California. This work was performed to evaluate the extent of groundwater impact from previous underground storage of petroleum hydrocarbons and to evaluate the effectiveness of remedial activity conducted in the summer of 1995.

Groundwater samples were collected from the three existing monitoring wells and submitted to Chromalab, Inc., for petroleum hydrocarbon analyses in accordance with the *Tri-Regional Guidelines for Underground Storage Tank Sites*.

Analysis of groundwater samples collected from the monitoring wells indicated detectable concentrations of petroleum hydrocarbons.

If you have any comments regarding this report, please call me at (510) 638-8400.

Sincerely,

Misty C. Kaltreider
Senior Project Geologist

/clm:mck:mcr

Enclosures

cc: Mr. Thomas Peacock, Alameda County Health Care Services, Division of Hazardous Materials ✓

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

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

November 22, 1996
STID 3292

Peralta Community College District
ATTN: Robert Mibach
333 East 8th St.
Oakland, CA 94606

Re: 501 - 5th Ave., Oakland, CA 94606

Dear Robert Mibach:

This office has received and reviewed a another Request for Extension of UST Closure dated November 18, 1996, and a Biannual Groundwater Monitoring Report dated November 8, 1996 for the above site. These documents were submitted by ACC Environmental Consultants. This office accepts the request for extension to December 1996 for the remaining underground storage tank removal with the reasoning so stated.

The case for this being a low risk groundwater case is probably reasonable. This office accepts you doing semiannual monitoring, as requested. You acknowledge that there is still a source on site that must be removed. The Conclusions and Recommendations on page 7 and 8 of the report are acceptable to this office. The next sampling event would then be in the early summer of 1997.

If you have any questions please call this office at 567-6782.

Sincerely,

Thomas F. Peacock, Manager
Division of Environmental Protection

c: Gordon Coleman, Acting Chief - **files** - Tom
Misty Kaltreider, ACC Environmental Consultants, 7977 Capwell Dr., Suite 100, Oakland, CA 94621

A·C·C
ENVIRONMENTAL
CONSULTANTS

November 18, 1996

Mr. Tom Peacock
Alameda County Health Services Agency
Local Oversight Program
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

RE: Extension for Removing Abandoned Underground Storage Tank
Peralta Community College District, 501 5th Avenue, Oakland, California
ACC Project No. 6045-14

Dear Mr. Peacock:

On behalf of Peralta Community College District, ACC Environmental Consultants, Inc., (ACC) is requesting an additional time extension to remove the abandoned underground storage tank located within the Maintenance Yard. The original extension was due in August 1996 and was extended in response to a request dated March 6, 1996; however, the portable buildings located over the tank cannot be moved until construction of new facilities can be completed. Once the facilities are constructed, the portable buildings will be moved (estimated to be December 1997), and the tank removal work will submitted to bidders; therefore, ACC is requesting an extension until June 1998 to complete the tank removal.

If you have any questions or require additional information, please feel free to call me at (510) 638-8400.

Sincerely,

Misty Kaltreider
mcr

Misty Kaltreider
Project Geologist

/mcr:mck

cc: Mr. Robert Mibach, Peralta Community College District

A·C·C
ENVIRONMENTAL
CONSULTANTS

November 8, 1996

Mr. Robert Mibach
Peralta Community College District
333 East 8th Street
Oakland, California 94606

RE: Biannual Groundwater Monitoring and Sampling
Peralta Community College District Maintenance Yard, 501 5th Avenue, Oakland, California
ACC Project No. 6045-14

Dear Bob:

The enclosed report describes the procedures used during biannual groundwater monitoring and sampling at the Peralta Community College District Maintenance Yard, 501 5th Avenue, Oakland, California. This work was performed to evaluate the extent of groundwater impact from previous underground storage of petroleum hydrocarbons and to evaluate the effectiveness of remedial activity conducted in the summer of 1995.

Groundwater samples were collected from the three existing monitoring wells and submitted to Chromalab, Inc., for petroleum hydrocarbon analyses, in accordance with the "Tri-Regional Guidelines for Underground Storage Tank Sites."

Analysis of groundwater samples collected from the monitoring wells indicated detectable concentrations of petroleum hydrocarbons.

If you have any comments regarding this report, please call me at (510) 638-8400.

Sincerely,

Misty C. Kaltreider
Project Geologist

/mck:mcr

Enclosures

cc: **Mr. Thomas Peacock**, Alameda County Health Care Services

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

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

CC4580

June 26, 1996
STID 3292

Peralta Community College District
ATTN: Robert Mibach
333 East 8th St.
Oakland, CA 94606

Re: 501 - 5th Ave., Oakland, CA 94606

Dear Robert Mibach:

This office has received and reviewed a Request for Extension of UST Closure dated March 6, 1996, a Quarterly Groundwater Monitoring (QMR) Report dated May 20, 1996, and a Remedial Action and Underground Storage Tank Removal Report dated May 9, 1996 for the above site. All of these documents were submitted by ACC Environmental Consultants. This office accepts the request for extension with the reasoning so stated.

The case for this being a low risk groundwater case is probably reasonable. This office accepts you doing semiannual monitoring, as requested. You acknowledge that there is still a source on site that must be removed. The Conclusions and Recommendations on page 7 of the QMR are acceptable to this office. The next sampling event would then be in the fall of 1996.

If you have any questions please call this office at 567-6782.

Sincerely,

Thomas F. Peacock, Manager
Division of Environmental Protection

c: Gordon Coleman, Acting Chief - files
Misty Kaltreider, ACC Environmental Consultants, 7977 Capwell Dr., Suite 100, Oakland, CA 94621

ENVIRONMENTAL PROTECTION

96 JUN 14 AM 8:20

TRANSMITTAL LETTER

DATE: 6-12-96

TO: Tom Peacock
Alameda County Health Care Services Agency

FROM: Misty Kaltreider
ACC Environmental

JOB NO.: _____

RE: _____

- ☐ For Your ~~Approval~~ File
- ☐ For Your Use
- ☐ As Requested
- ☐ For Your Review and Comment

VIA:
- ☒ U.S. Mail
- ☐ Express Mail
- ☐ Hand Delivered
- ☐ Fax

Remarks _____

cc: Bob Mibach, Peralta

A·C·C ENVIRONMENTAL CONSULTANTS

A·C·C
ENVIRONMENTAL
CONSULTANTS

STID 3292

ENVIRONMENTAL
PROTECTION
96 MAY 24 PM 12: 26

May 20, 1996

Mr. Robert Mibach
Peralta Community College District
333 East 8th Street
Oakland, CA 94606

RE: Quarterly Groundwater Sampling
Peralta Community College District Maintenance Yard, 501 5th Avenue, Oakland, California
ACC Project No. 6045-14

Dear Bob:

The enclosed report describes the procedures used during quarterly groundwater monitoring and sampling at the Peralta Community College District Maintenance Yard, 501 5th Avenue, Oakland, California. This work was performed to evaluate the extent of groundwater impact from previous underground storage of petroleum hydrocarbons and to evaluate the effectiveness of remedial activity conducted in the summer of 1995.

Groundwater samples were collected from the three existing monitoring wells and submitted to Chromalab, Inc., for petroleum hydrocarbon analyses, in accordance with the "Tri Regional Guidelines for Underground Storage Tank Sites."

Analysis of the groundwater samples collected from monitoring well MW-4 indicated no detectable concentrations of petroleum hydrocarbons. Analysis of groundwater samples collected from monitoring wells MW-1 and MW-3 indicated detectable concentrations of petroleum hydrocarbons.

If you have any comments regarding this report, please call me at (510) 638-8400.

Sincerely,

Misty C. Kaltreider
Project Geologist

/MCK:mcr

Enclosures

cc: Mr. Thomas Peacock, Alameda County Health Care Services, Division of Hazardous Materials

A·C·C
ENVIRONMENTAL
CONSULTANTS

March 6, 1996

Mr. Tom Peacock
Alameda County Health Services Agency
Local Oversight Program
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

RE: Extension for Removing Abandoned Underground Storage Tank
Peralta Community College District, 501 5th Avenue, Oakland, California
ACC Job No. 6045-14

Dear Mr. Peacock:

On behalf of Peralta Community College District, ACC Environmental Consultants, Inc., (ACC) is requesting an additional time extension to remove the abandoned underground storage tank located within the Maintenance Yard. The original extension was due in August 1996; however, due to lack of funding, the portable buildings located over the tank cannot be moved until construction of new facilities can be completed (by November 1997). A bond measure will be voted on in November 1996 to request additional funding.

If you have any questions or require additional information, please feel free to call me at (510) 638-8400.

Sincerely,

Misty Kaltreider
Project Geologist

MCK:mcr

cc: Mr. Robert Mibach

ENVIRONMENTAL CONSULTANTS

March 6, 1996

Post-it® Fax Note 7671	Date 3-6-96	# of pages ▶ 1
To Tom Peacock	From Misty Kaltreider	
Co./Dept.	Co.	
Phone #	Phone # (510) 638-8400	
Fax # 337-9335	Fax #	

Mr. Tom Peacock
Alameda County Health Services Agency
Local Oversight Program
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

RE: Extension for Removing Abandoned Underground Storage Tank
Peralta Community College District, 501 5th Avenue, Oakland, California
ACC Job No. 6045-14

Dear Mr. Peacock:

On behalf of Peralta Community College District, ACC Environmental Consultants, Inc., (ACC) is requesting an additional time extension to remove the abandoned underground storage tank located within the Maintenance Yard. The original extension was due in August 1996; however, due to lack of funding, the portable buildings located over the tank cannot be moved until construction of new facilities can be completed (by November 1997). A bond measure will be voted on in November 1996 to request additional funding.

If you have any questions or require additional information, please feel free to call me at (510) 638-8400.

Sincerely,

Misty Kaltreider
Project Geologist

MCK:mcr

cc: Mr. Robert Mibach

KAPREALIAN ENGINEERING
INCORPORATED

February 6, 1996

Alameda County Health Care Services
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

Attention: Ms. Madhulla Logan

RE: Former Unocal Service Station #2512
1300 Davis Street
San Leandro, California

Dear Ms. Logan:

Per the request of Mr. Edward C. Ralston of Unocal Corporation, enclosed please find our report dated January 10, 1996, for the above referenced site.

If you should have any questions, please feel free to call our office at (510) 602-5100.

Sincerely,

Kaprealian Engineering, Inc.

Judy A. Dewey
Executive Secretary

jad\82

Enclosure

cc: Edward C. Ralston, Unocal Corporation

2401 Stanwell Drive, Suite 400
Concord, California 94520
Tel: 510.602.5100 Fax: 510.687.0602

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, Assistant Agency Director

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

January 18, 1996

Mr. Robert Mibach
Peralta Community College District
333 East 8th St.
Oakland CA 94606

Re: Recommendation for No Further Work at 333 E. 8th St., Oakland CA 94606

Dear Mr. Mibach:

This letter is to inform you that no further work will be required by our division at the above reference site in regards to the removal of the 550 gallon underground diesel tank. Our office has received and reviewed the underground tank closure report dated January 17, 1996 prepared by ACC Environmental Consultants. The results of soil sample analysis indicate there was no release of petroleum hydrocarbon which would have an adverse affect on human health or the environment.

Please be advised that this letter does not relieve you of any liability under the California Health and Safety Code or Water Code for past, present, or future operations at this site. Nor does it relieve you of the responsibility to clean up existing, additional or previously unidentified conditions at the site, which cause or threaten to cause pollution or nuisance or otherwise pose a threat to water quality or public health.

You may contact me at (510) 567-6765 should you have any questions regarding this letter.

Sincerely,

Barney M. Chan

Barney M. Chan
Hazardous Materials Specialist

cc: G. Coleman, file
SO-333E8

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, DIRECTOR

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

September 6, 1995
STID 3292

Peralta Community College District
ATTN: Robert Mibach
333 East 8th St.
Oakland, CA 94606

Re: 501 - 5th Ave., Oakland, CA 94606

Dear Robert Mibach:

This office has received and reviewed a Request for Extension of UST Closure dated July 14, 1995 for the above site by ACC Environmental Consultants. This office accepts the request with the reasoning so stated. The discovery of so many additional underground storage tanks with product still in them is very unusual. It is certainly important for you to relocate the staff and the portable offices as soon as possible so that work can be continued.

The report of interim remedial activities is due soon. An update on progress at relocating the buildings is appropriate.

If you have any questions please call this office at 567-6782.

Sincerely,

Thomas F. Peacock, Manager
Division of Environmental Protection

c: Leroy Todd, Acting Chief - files
Misty Kaltreider, ACC Environmental Consultants, 1000 Atlantic Ave., Suite 110, Alameda, CA 94501

ENVIRONMENTAL
PROTECTION

95 JUL 17 PM 2:44

TIME LINE PERALTA COLLEGE CORP YARD

EVENT	DATE
Air monitoring; excavation area, stockpiled area, adjacent work areas near warehouse, and portable office trailers	06/05/95 - PRESENT
Tank Removal 1,115-gallon, motor oil	06/02/95
Destruction of MW-2	06/19/95
Tank Removal 523-gallon, gasoline/diesel	06/21/95
Soil Sampling (within excavation sidewalks)	
E-1 thru E-10	06/13/95
A1-4, B1-4, C1-4, D1-4, (stockpiled matrix; approx 1500 cubic yard)	06/23/95
E-12 (Adjacent to portable trailers)	06/26/95
E-13 & E-14 (trench along portable trailers)	06/27/95
E-15 thru E-24 (excavation sidewalks)	06/30/95
Tank Removal*	
7,000-gallons, diesel oil	07/10/95

*Tanks found 07/05/95 adjacent to portable trailers

A·C·C
ENVIRONMENTAL
CONSULTANTS

ENVIRONMENTAL
PROTECTION

95 JUL 17 PM 2:43

STM 3792

July 14, 1995

Mr. Tom Peacock
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Room 250
Alameda, CA 94502

Re: Request for Extension of UST Closure
Peralta District Corporation Yard
501 5th Avenue, Oakland, California

Dear Mr. Peacock:

The purpose of this letter is to bring you up to date on the status of the work completed to date at the Peralta Community College District Corporation Yard regarding remediation activities. Currently, excavation and stockpiling of impacted soils, is ongoing. During remediation, ~~four previously unknown~~ underground storage tanks were discovered. ACC coordinated the removal of underground storage tanks (UST) work with Remedial Solutions, Inc. (RSI) the onsite contractor. ACC has been providing oversight, field soil and water sampling, and periodic air monitoring using a Photoionization Detector (PID) during these activities.

As summarized Attachment 1: ~~one (1)~~ 1,115-gallon motor oil tank was removed on 2-June-95, monitoring ~~well~~ MW-2 was removed on 19-June-95, one ~~(1)~~ 523-gallon tank was removed on 21-June-95 (product was suspected as diesel but the tank was equipped with a steam chamber indicating heavy diesel or bunker fuel), one ~~(1)~~ 7,000-gallon diesel tank was removed on 10-July-95, and one (1) 7,000-gallon gasoline tank was attempted to be removed on 11-July-95. During the attempted removal of the gas tank, the asphalt and backfill material surrounding the tank was unstable, and started to cave in, which made the material under the portable trailers unstable. The tank removal was terminated for fear of further damage to the supporting material under the portable trailers. Prior to attempting to remove the tank, the product was pumped from the tank, however due to the holes in the tank, water from the excavation continued to fill the tank. Further attempts at tank removal and water removal were not made due to the unstable nature of the surrounding soils. The tank was stabilized in place with compacted backfill material from the surrounding area.

The portable trailers currently house Peralta District administration facilities personnel and their offices. The personnel within the trailers will be relocated to another facility onsite upon completion of construction (tentative date of August 1996). On behalf of the Peralta Community College District, ACC requests an extension of UST closure due to the constraints of the site until August 1996, or as soon as personnel can be relocated.

Upon removal of the trailers, ACC will complete the site assessment to determine if additional USTs exist, evaluate the extent of the hydrocarbon plume, and complete the remediation, including UST removal.

The work completed to date will be documented in a report of interim remedial activities and submitted to Alameda County Health Care Services Agency in September 1995. The current excavation will be backfilled with clean fill material.

ENVIRONMENTAL
PROTECTION

95 JUL 17 PM 2:43

The feasible limits of excavation have been met at this time. The current excavation will be backfilled with clean fill material after water removal. A barrier consisting of visqueen will be placed on the sidewalls of the excavation to separate the clean material from the impacted soil.

Unless otherwise notified, ACC will complete this phase of interim remedial action and begin backfilling the excavation.

If you have any questions regarding this letter, please call ACC at (510) 522-8188.

Sincerely,

Misty Kaltreider

Misty C. Kaltreider
Project Geologist

Attachment

cc: Robert Mibach - Director, Physical Plant, Peralta Community College District

508-5th Ave PCC
08416201510-7/11/95
2027 5847
Absorbant Pads in NW Corner

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

Hazardous Materials Inspection Form

1131 Harbor Bay Pkwy
Alameda CA 94502
510/567-6700

II, III

Site ID # _____ Site Name P.C.C. Today's Date 7/11/95

Site Address 501 5th Ave

City Oakland Zip 94606 Phone _____

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

Inspection Categories:

____ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
____ II. Hazardous Materials Business Plan, Acutely Hazardous Materials
____ III. Underground Storage Tanks

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

Comments:

(7K gas)

The Tank Removal was cancelled indefinitely today. An initial attempt to move the tank caused caving of the soils adjacent to the portable buildings. It was decided to move the portable bldgs prior to tank removal. Also absorbant pads were put on the fuel released the day before.

See photo.

II, III

Contact _____

Title _____

Signature _____

Inspector _____

Signature _____

2.1

white	-env.health
yellow	-facility
pink	-files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

1131 Harbor Bay Pkwy
Alameda CA 94502
510/567-6700

Hazardous Materials Inspection Form

II, III

Site ID # _____ Site Name Peralta C College Today's Date 7/10/95

Site Address 501 5th Ave

City Oak Zip 94606 Phone ______

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

Inspection Categories:

____ I. Haz. Mat/Waste GENERATOR/TRANSPORTER

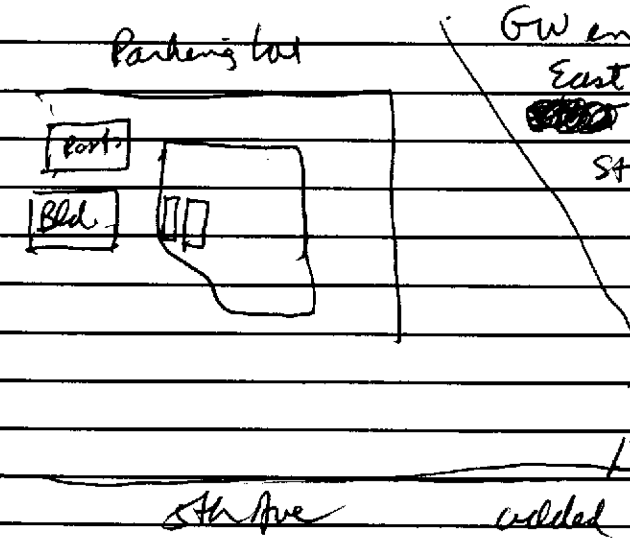
____ II. Hazardous Materials Business Plan, Acutely Hazardous Materials

X III. Underground Storage Tanks Removal

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

Comments:

Witness the removal of yet another UST at P.C.C uncovered during overexcavation of tank pit. Found a ~7k diesel + a ~7k gasoline tank. Will remove the diesel tank first. Erickson vacuuming liq from tank (suspect hole in tank)
John Conklin - ACC
Remedial Solution Inc - contractor



GW in pit, brown w/ some floaters product
hole observed on top - north end
- will lift tank to see if holes exist so that GW is reckg + refilling the tank
- As tank was lifted water (large volumes) observed leaking from N+S ends of tank. A black sheen appeared on water
Lifted the tank just above GW + added the CO_2 (150 #s)

Contact J. Conklin

Title ______

Signature [signature]

Inspector B. Chan

Signature [signature]

II, III

P-2

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

Hazardous Materials Inspection Form

1131 Harbor Bay Pkwy
Alameda CA 94502
510/567-6700

II, III

Site ID # _____ Site Name Peralta CC Today's Date 7/10/95

Site Address 501 5th Ave

City Oakland Zip 94606 Phone _____

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

Inspection Categories:

____ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
____ II. Hazardous Materials Business Plan, Acutely Hazardous Materials
__y__ III. Underground Storage Tanks

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

Comments: OES Inspector: L. Jones present
LEL - 7% O2 - 11% even w/ holes
Erection - Hauler: #616584, exp 5/96
The N. end bottom seam had a gaping hole ~ 2' long + 3" wide. The entire tank had many large (quarter size) holes on the lower half.
- Tank was wrapped in visqueen prior to loading
Contractor/Consultant attempting to get some absorbant pads to soak up the free product. Although it appears "ugly" probably only a few gallons of FP exist
Manifest # 95205974

Contact J. Conklin

Title _____

Signature _____

Inspector B. Chan

Signature B Chan

II, III

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL PROTECTION DIVISION
1131 HARBOR BAY PARKWAY, RM 250
ALAMEDA, CA 94502-6577
PHONE # 510/567-6700
FAX # 510/337-9335

Project Specialist

7-7-95

ACCEPTED

Underground Storage Tank Closure Permit Application

Alameda County Division of Hazardous Materials
80 Swan Way, Suite 200,
Oakland, CA 94621
Telephone: (510) 271-4320

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

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

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

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

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

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

*THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS

Contact Specialist:

schedule -
10⁰⁰ Mon
10⁰⁰ Tues.

UNDERGROUND TANK CLOSURE PLAN

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

1. Name of Business Peralta Community Colege District - Maintenance Yard

   Business Owner or Contact Person (PRINT) Mr. Robert Mibach, Office of Physical Plant

2. Site Address 501 5th Avenue

   City Oakland Zip 94606 Phone (510) 466-7336

3. Mailing Address 333 East 8th Street

   City Oakland Zip 94606 Phone (510) 466-7336

4. Property Owner Peralta Community College District

   Business Name (if applicable) ________

   Address 333 East 8th Street

   City, State Oakland, CA Zip 94606

5. Generator name under which tank will be manifested

   Peralta Community College

   EPA ID# under which tank will be manifested C A _ _ _ _ _ _ _ _ _ _

rev 4/6/95

6. Contractor Remedial Solutios, Inc.

Address 43353 Osgood Road, Suite B

City Fremont, CA Phone 651-7725

License Type* A with hazardous waste certificate ID# A634555

*Effective January 1, 1992, Business and Professional Code Section 7058.7 requires prime contractors to also hold Hazardous Waste Certification issued by the State Contractors License Board.

7. Consultant (if applicable) ACC Environmental Consultants, Inc.

Address 1000 ATlantic Avenue, Suite 110

City, State Alameda, CA 94501 Phone (510) 522-8188

8. Main Contact Person for Investigation (if applicable)

Name Misty Kaltreider Title Project Geologist

Company ACC Environmental Consultants, Inc.

Phone (510) 522-8188

9. Number of underground tanks being closed with this plan 4

Length of piping being removed under this plan 20'

Total number of underground tanks at this facility (**confirmed with owner or operator) 4 (existing)

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

** Underground storage tanks must be handled as hazardous waste **

a) Product/Residual Sludge/Rinsate Transporter

Name Evergreen Environmental ServicesEPA I.D. No. CAD980695761

Hauler License No. 0242 License Exp. Date 7/95

Address 6880 Smith Avenue

City Newark State CA Zip 94560

b) Product/Residual Sludge/Rinsate Disposal Site

Name Evergreeen Oil, Inc. EPA ID# CAD980887418

Address 6880 Smith Avenue

City Newark State CA Zip 94560

c) Tank and Piping Transporter

Name Erickson, Inc. EPA I.D. No. CAD009466392

Hauler License No. 0019 License Exp. Date 7/95

Address 255 Parr Blvd.

City Richmond State CA Zip 94801

d) Tank and Piping Disposal Site

Name Erickson, Inc. EPA I.D. No. CAD009466392

Address 255 Parr Blvd.

City Richmond State CA Zip 94801

11. Sample Collector

Name Misty Kaltreider

Company ACC Environmental Consultants, Inc.

Address 1000 Atlantic Avenue, Suite 110

City Alameda State CA Zip 94501 Phone (510) 522-8188

12. Laboratory

Name Chromalab

Address 1220 Quarry Lane

City Pleasanton State CA Zip 94566-4756

State Certification No. 1094

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

If yes, describe. UST was dicovered during remedial action and excavation of impacted soil from previous tank leakage.

14. Describe methods to be used for rendering tank(s) inert:

Remove remaining product/sludge/water. Add dry ice (100 lb per 1000 - gallon tank size). Inerting will be verified with the use of a combustible gas indicator.

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

The Bay Area Air Quality Management District, 415/771-6000, along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of a combustible gas indicator to verify tank inertness. **It is the contractor's responsibility to bring a working combustible gas indicator on-site to verify that the tank is inert.**

15. Tank History and Sampling Information *** **(see instructions)** ***

Tank		Material to be sampled (tank contents, soil, groundwater)	Location and Depth of Samples
Capacity	Use History include date last used (estimated)		
1-1000	Unknown less than 1970	Tank Contents.	N/A
1 - 7000	Gasoline	Tank was discovered during excavation and remedial action from a prior release.	
1 - 7000	Fuel Oil	Additional soil and groundwater samples will be collected after remedial action is completed.	

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

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (estimated)	Sampling Plan
Stockpiled soil will be added to remedial action excavated soil for bioremediation.	1 composite sample (consisting of 4 descrete samples) per every 100 cubic yards of stpckpiled material.

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

Will the excavated soil be returned to the excavation immediately after tank removal? [ ] yes [X] no [ ] unknown

If yes, explain reasoning _____

If unknown at this point in time, please be aware that **excavated soil may not be returned to the excavation without prior approval from Alameda County. This means that the contractor, consultant, or responsible party must communicate with the Specialist IN ADVANCE of backfilling operations.**

16. Chemical methods and associated detection limits to be used for analyzing samples:
The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed.
See attached Table 2.

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

Contaminant Sought	EPA or Other Sample Preparation Method Number	EPA or Other Analysis Method Number	Method Detection Limit
Total oil and Grease		Standard method 5520 B & E F	50 mg/kg
TPH as diesel	8015 - Modified	EPA 5030/8015	1.0 mg/kg
TPH as gasoline	8015	EPA 5030	1.0 mg/kg
BTEX	8020	EPA 5030	0.005 mg/kg

18. Submit Worker's Compensation Certificate copy

Name of Insurer _____

19. Submit Plot Plan ***(See Instructions)***

20. Enclose Deposit (See Instructions)

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

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

23. Submit State (Underground Storage Tank Permit Application) Forms A and B (one B form for each UST to be removed) (mark box 8 for "tank removed" in the upper right hand corner)

I declare that to the best of my knowledge and belief that 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 approval from the Environmental Protection Division and that no work is to begin on this project until this plan is approved.

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

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

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

CONTRACTOR INFORMATION ACC Environmental Consultants Inc.

Name of Business _____

Name of Individual Misty Kaltreider

Signature Misty Kaltreider Date 6/1/95

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business Peralta Community College District

Name of Individual Robert Mibach

Signature X _____ Date 6/1/95

ALAMEDA COUNTY ENVIRONMENTAL PROTECTION DIVISION

DECLARATION OF SITE ACCOUNT REFUND RECIPIENT

There may be excess funds remaining in the Site Account at the completion of this project. The PAYOR (person or company that issues the check) will use this form to predesignate another party to receive any funds refunded at the completion of this project. In the absence of this form, the PAYOR will receive the refund.

SITE INFORMATION:

Site ID Number
(if known)

Peralta Community College District
Name of Site

501 5th Avenue
Street Address

Oakland, CA 94606
City, State & Zip Code

I designate the following person or business to receive any refund due at the completion of all deposit/refund projects:

NA
Name

Street Address

City, State & Zip Code

Signature of Payor

Date

Name of Payor
(PLEASE PRINT CLEARLY)

Company Name of Payor

RETURN FORM TO:

County of Alameda, Environmental Protection
1131 Harbor Bay Parkway, Rm 250
Alameda CA 94502-6577
Phone#(510) 567-6700

ACC - SITE SAFETY PLAN

A. GENERAL INFORMATION

Project Title: . . . . . **Peralta Community College - Maintenance Yard**
Project No.: **6045-14**
Project Manager: . . . . . **Misty Kaltreider**
Location: . . . . . **501 5th Avenue**
Prepared by/date: . . . . . **Misty Kaltreider/ 5/31/95**

Approved by/date: _____

Scope of Work/Objective(s): **Tank removal onsite**

Proposed Date of Field Activities: **June 2, 1995**

Documentation/Summary:

Overall Chemical Hazard: Serious [ ] Moderate [X]
Low [ ] Unknown [ ]

Overall Physical Hazard: Serious [ ] Moderate [X]
Low [ ] Unknown [ ]

B. SITE/WASTE CHARACTERISTICS

Waste Types(s):
Liquid [X] Solid [X] Sludge [ ] Gas/Vapor [X]

Characteristics:
Flammable/Ignitible [X] Volatile [X] Corrosive [ ] Acutely Toxic [ ]
Explosive [ ] Reactive [ ] Carcinogen [X] Radioactive [ ]

Other: _____

Physical Hazards:
Overhead [ ] Confined Space [ ] Below Grade [ ] Trip/Fall [X]
Puncture [ ] Burn [ ] Cut [ ] Splash [X]
Noise [X]

Other: _____

Site History/Description and Unusual Features:
UST discovered during excavation; back end of tank damaged

Locations of Chemicals/Waste: **In soil and water**

Estimated Volume of Chemicals/Waste: **Unknown**

Site Currently in Operation: Yes [X] No [ ]

C. HAZARD EVALUATION

List and Evaluate Hazards By Task (ie. sampling/drilling)

Task	Physical Hazard	Level of Protection
1	Tank Removal	D
2	Sampling	D
3	Groundwater Collection	D

Chemical Hazard Evaluation:

Compound	PEL/TWA	Route of Exposure	Acute Symptoms	Odor Threshold/Desc.
Benzene	**300 ppm**	**inhalation, dermal, ingestion**	**Skin Blisters, Nausea, Central Nervous System Disorder**	**Characteristic Odor**

D. SITE SAFETY AND WORK PLAN

Site Control: Attach map of the site.

Perimeter identified? [Y] Site secured? [Y] Work areas identified? [Y]
Zone(s) of contamination identified? [N]

Air Monitoring:

Contaminant of Interest: **Diesel/BTEX**

Type of Monitoring: **Air**

Frequency: **Continuous - As needed**

Equipment: **HNu**

Decontamination procedures and solutions:

Tri-sodium phosphate and water, triple rinsed

Special Site Equipment: (Sanitary facilities, lighting, etc)
None anticipated

Site Entry Procedures and Special Considerations
Underground Services Alert (USA) notified to avoid underground utilities

Work Limitations (time of day, weather conditions, etc.)
None.

General Spill Control, if applicable: N/A

Investigation-Derived Material Disposal (expendables, cuttings, etc.)
No cuttings will be generated during drilling and sampling process.

Sample Handling Procedures:
Soil samples collected in steel tubes, teflon tape and plastic end caps taped to each end. Water samples collected in one-liter jars and 40 ml VOA vials, without headspace. All samples will be placed in ice-filled coolers until pick-up by laboratory.

E. EMERGENCY INFORMATION

Ambulance 911

Hospital Emergency Room (510) 534-0855

Directions to Hospital (attach map), Highland General Hospital, Oakland, CA

Poison Control Center 911
Police 911
Fire Department 911
Laboratory Sparger Technology (916) 362-8947
UPS/Fed. Express N/A

Client Contact Mr. Robert Mibach (510) 466-7200

SITE RESOURCES

Water Supply Source On-site
Telephone On-site
Cellular Phone, if available ---
Other ---

EQUIPMENT CHECKLIST

Protective Gear	Quantity	Equipment	Quantity	Equipment	Quantity
Respirator	1	PID (HNu)	1	Baggies	1 box
Organic Cartridges	2	Liter bottles	10	Chain of Custody Forms	1 set
Tyvek	1	VOA Vials	20	Labels	1 set
Gloves, Nitrile	1 pair	Surveyors Tape	1	Paper Towels	1 roll
Steel Toed Boots	1 pair	Rope	100 feet	Trash Bags	1
First Aid Kit	1	Camera/Film	1	Buckets	3
Safety Glasses	1 pair	Bailers	5	Brushes	2
Portable eye wash	1	Cooler	1	TSP	1 box
Ear Plugs	1 pair	Teflon Tape	1 roll	Boring Logs	1 set

SITE SAFETY REVIEW

General Information

Date _____1995 Time _____ Project No. 6045-14

Site: Peralta Community College - Maintenance Yard

Client Contact **Mr. Robert Mibach ((510) 466-7200**

Objectives **Tank removal**

Types of Chemicals Anticipated - **Diesel / BTEX**

Topics Discussed: **Traffic management issues**

Physical Hazards **Typical Hazards associated with drilling adjacent to an open excavation**

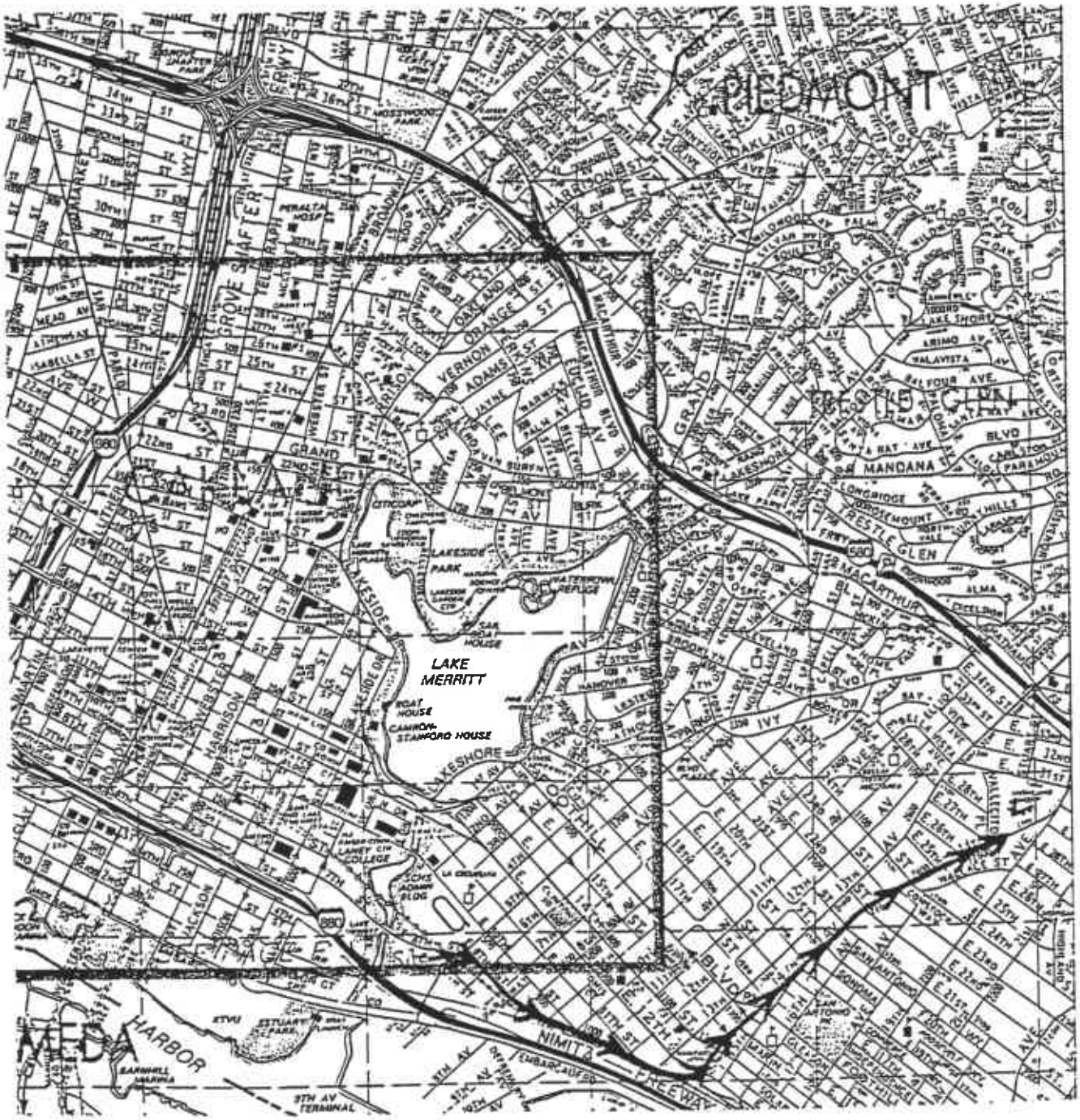
Personal Protection **Level D, modified as required**

Decontamination **Equipment to be decontaminated after each boring. Rinsate water will be drummed**

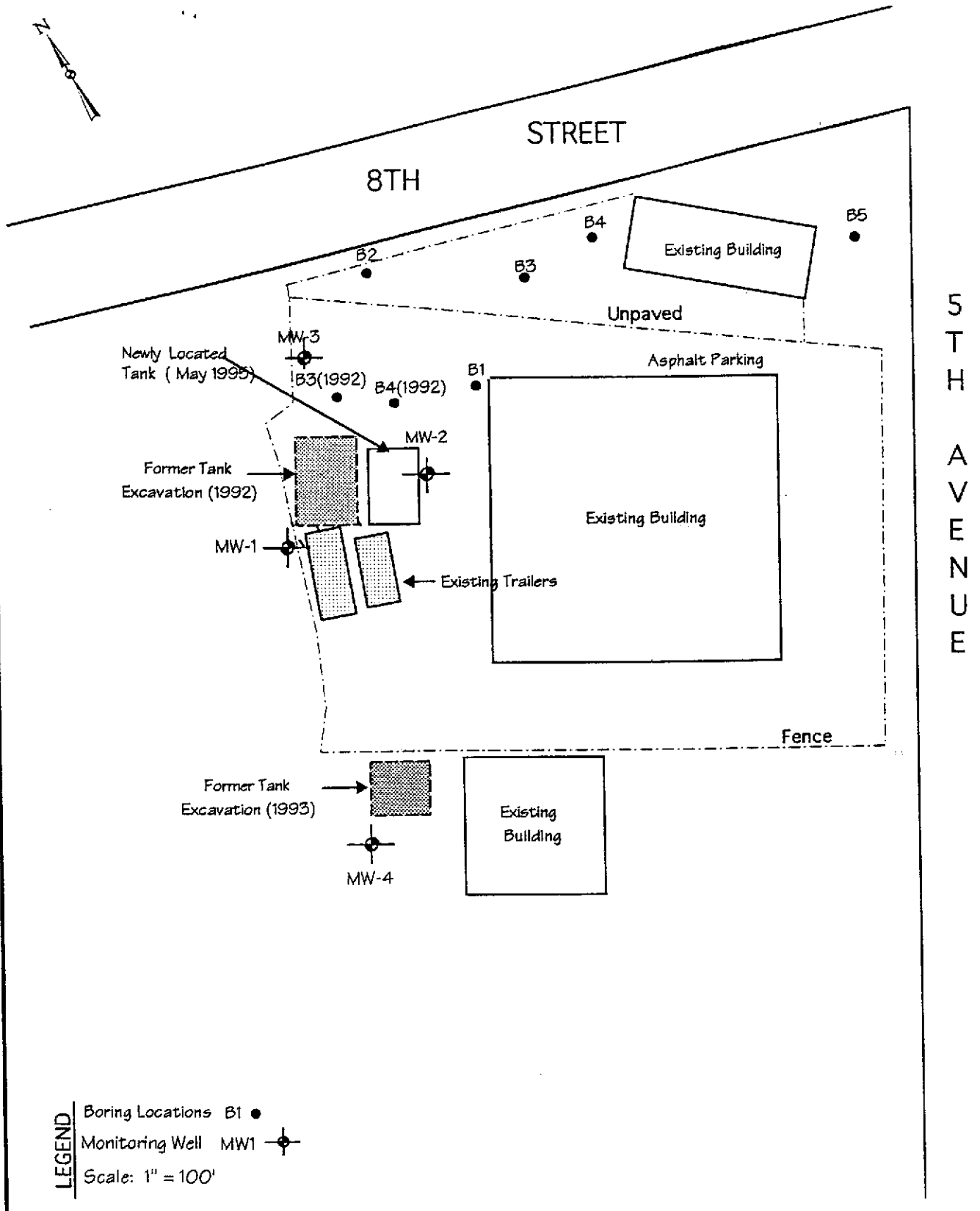
Special Site Considerations Note: **Working period perimeters (time of day), depending on traffic onsite).**

ATTENDEES

Name Printed	Signature



HOSPITAL LOCATION MAP



05/31/95	Drawn By: MCK	Project: 6045-11	Figure 2:	**Site Plan** Peralta Maintainance Yard, Oakland, CA

CC Environmental Consultants • 1000 Atlantic Avenue, Suite 110 • Alameda, CA 94501 • (510) 522-8188 Fax: (510) 865-57

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

1131 Harbor Bay Pkwy
Alameda CA 94502
510/567-6700

Hazardous Materials Inspection Form

II, III

Site ID # _____ Site Name Peralta Community College Today's Date 6 / 21 / 95

Site Address 501 - 5th Ave

City Oakland Zip 94606 Phone ____________

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

Inspection Categories:

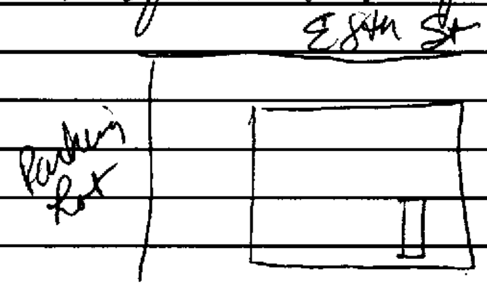
____ I. Haz. Mat/Waste GENERATOR/TRANSPORTER

____ II. Hazardous Materials Business Plan, Acutely Hazardous Materials

✓ III. Underground Storage Tanks

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

Comments: Contractor - Remedial Solutions Inc - Andy Helms
Consultant - ACC - M. Kaltreider & John Conklin
Sylvia ~~Jeannie~~ Williamson - Civilian OFD rep present
LEL - 1% O2 - 17%, due to the large holes present in tank unable to get O2 down any lower
200 #s of dry ice added to tank
- Tank ~ 500 gallon single walled steel - badly rusted w/ many large holes present on top & bottom
Tank found (like prior tank) during excavation activities



Excavation pit 2
75 x 75 x 7'
- approx 1' water in pit
Manifest # 95205875

N W E S

Tank located in SW corner of excavation pit
Hauler - Erickson # 602668, 5/96 exp.
Tank dimensions 9'9" x 3' → approx 500 gallon
- Spoils brought + placed with other spoils generated from the excavation, pending disposal

II, III

Contact ____________

Title ____________

Signature ✗ M K Kaltreider

Inspector B. Chan

Signature B Chan

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

1131 Harbor Bay Pkwy
Alameda CA 94502
510/567-6700

Hazardous Materials Inspection Form

II, III

Site ID # _____ Site Name Peralta Community College Today's Date 6/2/95

Site Address 501 5th Ave

City Oak Zip 94606 Phone _____

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

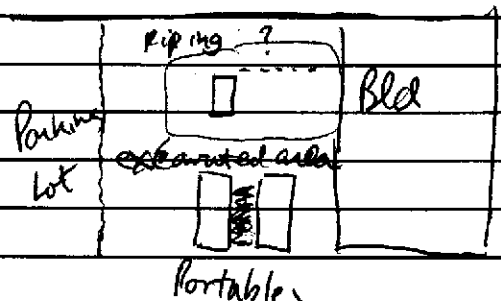
Inspection Categories:

____ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
____ II. Hazardous Materials Business Plan, Acutely Hazardous Materials
__X__ III. Underground Storage Tanks

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

Comments: E 8th St

N / W E S



Manifest - 95205772 for tank - 2400 gallons of water/sludge removed by Erickson #953878

Witness the removal of 1-2000 gallon steel UST fuel/lube excavation. Contractor - Remedial Solutions Inc - Andy Helms Evergreen vacuumed out residual product/water prior to inerting John Conkle & M. Kaltreider of ACC - Consultants Call OFD & they okayed the County to authorize removal Hauler - Erickson - #427428 exp Dec 95 0% LEL & 0.7% O_2 - I okayed removal West end of tank damaged, Tank is approx. 8'x 50±, water observed + vacuumed from tank pit after tank removal

- Please remove all piping associated w/ tank
- Forgo any sampling since tank is w/i area of intended excavation. Confirmatory sampling should be done after over-excavation activities are complete.

II, III

Contact _____

Title _____ Inspector B. Chan

Signature _____ Signature B Chan

Permit No.	
Copies to	
Date Issued	

CITY OF OAKLAND
FIRE MARSHAL'S OFFICE
~~ROOM 201, CITY HALL~~ 421-14th ST.
OAKLAND, CALIFORNIA 94612
[redacted]
231-3851

APPLICATION for PERMIT to INSTALL, REMOVE or REPAIR TANKS

IN THE CITY OF OAKLAND

Date 5/31/95

Application is hereby made for permit to (remove) install repair gasoline (fuel oil) tank and excavate, commencing four feet inside the curb line (inside the property line)

on the S side of East 8th (St.) Ave. 300 feet W of 5th St. Ave.

House No. and Street 501 5th Street (Avenue) Present storage None

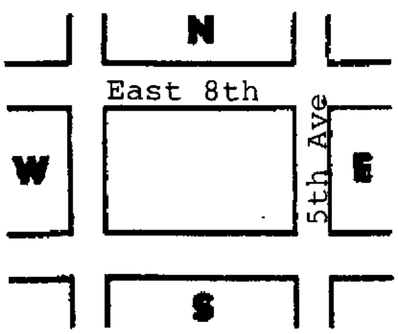
Owner Peralta Community College District Address 333 East 8th Street Phone (510) 466-7336

Applicant ACC Environmental Consultants, Inc. Address 1000 Atlantic Ave, #110 Alameda, CA 94501 Phone (510) 522-8188

Remarks

Sidewalk surface to be disturbed X Number of Tanks 1 Capacity 1,000 Gallons each

Signature [signature]



ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, DIRECTOR

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

May 31, 1995
STID 3292

Peralta Community College District
ATTN: Robert Mibach
333 East 8th St.
Oakland, CA 94606

Re: 501 - 5th Ave., Oakland, CA 94606

Dear Robert Mibach:

This office has received and reviewed a Quarterly Groundwater Investigation with Remedial Options report by ACC Environmental Consultants dated May 4, 1995 for the above site. This office accepts the recommendation on page 9 but questions why the excavation option was selected, as it appears to be more expensive. This office also understands your desire to remediate the site as quickly as possible.

On May 30, 1995 this office was contacted concerning discovery of another underground tank in the area being excavated. This was verified and the tank is being dealt with as appropriate. Attached is a field report written on that day. It appears that, had long term monitoring continued, it might have gone on very long as an additional source, the unknown tank, was still there.

If you have any questions please call this office at 567-6782.

Sincerely,

Thomas F. Peacock, Supervising HMS
Hazardous Material Division

cc: **Mee Ling Tung, Acting Chief - files**
Misty Kaltreider, ACC Environmental Consultants, 1000 Atlantic Ave., Suite 110, Alameda, CA 94501

CITY OF OAKLAND

421 FOURTEENTH STREET • OAKLAND, CALIFORNIA 94612

Fire Prevention Bureau

(510) 238-3851
TDD 839-6451

FAX TRANSMITTAL SHEET

Fire Prevention Bureau

421 - 14TH Street
Oakland, CA 94612

Telephone: (510) 238-3851
Fax: (510) 238-6739

TO: Misty DATE: 5-30-95

COMPANY: _____ FAX: 865-5731

PHONE: _____

FROM: Gloria PAGES: 2

___ No enclosures - message only ___ Please handle

___ For your information & file ___ Advise of status

___ Please review and comment ___ URGENT ! ! !

X In accordance with your request ___ For your signature

Comments

Fees: $100.00 for permit
50.00 per task (1)
$150.00 total payable to "City of Oakland"

Need copy of approved plans from Alameda County Haz. Mat. 567-6700
1131 Harbor Way Pkwy
Alameda

WANTS 1

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

Hazardous Materials Inspection Form

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

II,III

Site ID # 3292 Site Name Peralta College Today's Date 5/30/95

Site Address 501-5th Ave.

City Oakland Zip 94606 Phone ____

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

Inspection Categories:

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

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

Comments: another tank found in new excavation to remove contaminated soil - previously unknown - tank ruptured on discovery, end torn off filled with dirt - water inside sampled by ?? . heavy oil/diesel odors - Water w/ silt to be pumped out - within remediation area.

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. MAT'LS

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

III. UNDERGROUND TANKS (Title 23)

General

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

Monitoring for Existing Tanks

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

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

New Tanks

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

Rev 6/88

Contact: Misty Kaltreider

Title: ____

Signature: ____

Inspector: [signature]

Signature: ____

II, III

ACC ENVIRONMENTAL CONSULTANTS, INC.
1000 ATLANTIC AVE., NO. 110 510-522-8188
ALAMEDA, CA 94501

ALAMEDA BANK
First National
2424 Santa Clara Avenue
Alameda, California 94501

1945

90-730/1211

5/31 19 95

THE SUNLAND GROUP

PAY _____ DOLLARS $ 150.00

TO THE ORDER OF
City of Oakland
421 14th Street
Oakland , CA 94612

VOID IF NOT CASHED WITHIN SIX MONTHS

Susan Bayne Churchill

⑈001945⑈ ⑆121107303⑆ 018 92576⑈

© DELUXE - DOUBLE VOUCHER

DETACH AND RETAIN THIS STATEMENT
THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW.
IF NOT CORRECT PLEASE NOTIFY US PROMPTLY. NO RECEIPT DESIRED.

ACC ENVIRONMENTAL CONSULTANTS, INC.
1000 ATLANTIC AVE., NO. 110
ALAMEDA, CA 94501

DELUXE FORM WVC-3 V-5A

DATE	DESCRIPTION	AMOUNT	DISTRIBUTIONS	
			ACCT. NO.	AMOUNT
5/31/95	Tank Removal Permit Job# 6045-14.1	$150.00		

EMPLOYEE Misty Kaltreider

PERIOD ENDING	TOTAL EARNINGS	DEDUCTIONS								TOTAL DEDUCTIONS	NET PAY
		F.I.C.A.	WITHHOLDING U.S. INC. TAX	S.D.I.	STATE INCOME TAX						

V5A

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

December 23, 1994
STID 3292

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

Peralta Community College District
ATTN: Robert Mibach
333 East 8th St.
Oakland, CA 94606

Re: 501 - 5th Ave., Oakland, CA 94606

Dear Robert Mibach:

This office has received and reviewed two quarterly monitoring reports by ACC Environmental Consultants dated September 22, 1994 and November 1994 for the above site. This office accepts the recommendations on page 5 of both reports. The groundwater gradient is fluctuating significantly. Also, the first report shows contamination in the two upgradient monitoring wells whereas the contamination in the second report is in MW-3 and MW-4, the latter being a down gradient well to all the former tanks. This well did not show contamination on 8/29/94 but was found with 2.7 ppb of benzene, not found previously. Continued monitoring is appropriate.

If you have any questions please call this office at 567-6782.

Sincerely,

Thomas F. Peacock, Supervising HMS
Hazardous Material Division

cc: Edgar Howell, Chief - files
Misty Kaltreider, ACC Environmental Consultants, 1000 Atlantic Ave., Suite 110, Alameda, CA 94501

A·C·C
ENVIRONMENTAL
CONSULTANTS

HAZMAT

94 DEC 19 PM 2:13

November 30, 1994

Mr. Robert Mibach
Peralta Community College District
333 East 8th Street
Oakland, CA 94606

RE: Quarterly Groundwater Sampling
Peralta Maintenance Yard, 501 5th Avenue, Oakland, California

Dear Mr. Mibach:

The enclosed report describes the procedures used during quarterly groundwater sampling at the Peralta Maintenance Yard, Oakland, California. This work was performed to evaluate the extent of groundwater impact from previous underground storage of petroleum hydrocarbons.

Groundwater samples were collected from the four onsite monitoring wells and submitted to Chromalab, Inc. for petroleum hydrocarbon analyses, in accordance with the "Tri Regional Guidelines for Underground Storage Tank Sites".

Analysis of the groundwater samples collected from monitoring well MW-1 indicated below detectable levels of petroleum hydrocarbons. Analysis of groundwater samples collected from monitoring wells MW-2, MW-3, and MW-4 indicated detectable concentrations of hydrocarbons.

If you have any comments regarding this report, please call me.

Sincerely,

Misty C. Kaltreider
Geologist

cc: Mr. Thomas Peacock - Alameda County Health Care Services - Division of Hazardous Materials

1000 Atlantic Avenue, Suite 110 • Alameda, CA 94501 • (510) 522-8188 • FAX: (510) 865-5731

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

July 19, 1994
STID 3292

Peralta Community College District
ATTN: Robert Mibach
333 East 8th St.
Oakland, CA 94606

Re: 501 - 5th Ave., Oakland, CA 94606

Dear Robert Mibach:

On review of our files it was noted that you have not submitted Forms A (site) and B (for each tank) for the above site. I have taken care of our own billing for your tanks but you must submit these forms for the tanks to come off of several different databases. I have attached the forms.

If you have any questions please call this office at 567-6700.

Sincerely,

Thomas F. Peacock, Supervising HMS
Hazardous Material Division

cc: Edgar Howell, Chief - files

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
1131 HARBOR BAY PARKWAY, 2ND FLOOR
ALAMEDA, CA 94502-6577

(510) 271-4530

July 19, 1994
STID 3292

1131 Harbor Bay Pkwy.
Alameda, CA 94501

Peralta Community College District
ATTN: Robert Mibach
333 East 8th St.
Oakland, CA 94606

Re: 501 - 5th Ave., Oakland, CA 94606

Dear Robert Mibach:

This office has received and reviewed the following documents:

1. Soil & Groundwater Investigation: March 1994
2. Additional Field Investigation: April 29, 1994
3. Stockpile Soil Disposal: May 24, 1994
4. Additional Field Investigation: June 10, 1994
5. Quarterly Groundwater Sampling: June 27, 1994

All of these documents have been by ACC Environmental Consultants.

Thank you for your timely submittal of information necessary to this project. This office agrees with your recommendations on page 5 of the fifth document, regarding limiting the quarterly sampling program.

If you have any questions please call this office. My current number is 337-2852.

Sincerely,

Thomas F. Peacock, Supervising HMS
Hazardous Material Division

cc: Edgar Howell, Chief - files
Misty Kaltreider, ACC Environmental Consultants, 1000 Atlantic Ave., Suite 110, Alameda, 94501

A·C·C
ENVIRONMENTAL
CONSULTANTS

HAZMAT

94 JUL -6 PM 1:49

June 27, 1994

Mr. Robert Mibach
Peralta Community College District
333 East 8th Street
Oakland, CA 94606

RE: Quarterly Groundwater Sampling
Peralta Maintenance Yard, 501 5th Avenue, Oakland, California

Dear Mr. Mibach:

The enclosed report describes the procedures used during quarterly groundwater sapling at the Peralta Maintenance Yard, Oakland, California. This work was performed to evaluate the extent of groundwater contamination.

Groundwater samples were collected from the four on-site monitoring wells and sumitted to Chromalab, Inc. for petroleum hydrocarbon analyses, in accordance with the "Tri Regional Guidelines for Underground Storage Tank Sites".

Analysis of the groundwater samples from monitoring well MW-1 indicated below detectable levels of petroleum hydrocarbons. Groundwater samples from monitoring wells MW-2, MW-3, and MW-4 indicated detectable concentrations of hydrocarbons.

If you have any comments regarding this report, please call me.

Sincerely,

Misty C. Kaltreider
Geologist

cc: Mr. Thomas Peacock - Alameda County Health Care Services - Division of Hazardous Materials

1000 Atlantic Avenue, Suite 110 • Alameda, CA 94501 • (510) 522-8188 • FAX: (510) 865-5731

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

January 20, 1994
STID 3292

Peralta Community College District
ATTN: Robert Mibach
333 East 8th St.
Oakland, CA 94606

Re: 501 - 5th Ave., Oakland, CA 94606

Dear Robert Mibach:

This office has received and reviewed a Tank Closure Report for the Removal of Three Underground Storage Tanks by ACC Environmental Consultants dated 12/14/93 (on Map) for the above site. Also reviewed was a proposal for 4 monitoring wells which changed the workplan accepted last year. The report and workplan change is acceptable to this office.

If you have any questions please call this office.

Sincerely,

Thomas F. Peacock, Supervising HMS
Hazardous Material Division

cc: Edgar Howell, Chief - files
Misty Kaltreider,ACC Environmental Consultants, 1000 Atlantic Ave.,Suite 110, Alameda, 94501

INSTRUCTIONS

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

LOCAL AGENCY ONLY
To avoid duplicate notification pursuant to Health and Safety code Section 25180.7, a designated government employee should sign and date the form in this block. A signature here does not mean that the leak has been determined to pose a significant threat to human health or safety, only that notification procedures have been followed if required.

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

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

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

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

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

DISCOVERY/ABATEMENT
Provide information regarding the discovery and abatement of the leak.

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

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

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

No Action Taken - No action has been taken by responsible party beyond initial report of leak.
Leak Being Confirmed - Leak suspected at site, but has not been confirmed.
Preliminary Site Assessment Workplan Submitted - workplan/proposal requested of/submitted by responsible party to determine whether ground water has been, or will be, impacted as a result of the release.
Preliminary Site Assessment Underway - implementation of workplan.
Pollution Characterization - responsible party is in the process of fully defining the extent of contamination in soil and ground water and assessing impacts on surface and/or ground water.
Remediation Plan - remediation plan submitted evaluating long term remediation options. Proposal and implementation schedule for appropriate remediation options also submitted.
Cleanup Underway - implementation of remediation plan.
Post Cleanup Monitoring in Progress - periodic ground water or other monitoring at site, as necessary, to verify and/or evaluate effectiveness of remedial activities.
Case Closed - regional board and local agency in concurrence that no further work is necessary at the site.

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

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

Cap Site - install horizontal impermeable layer to reduce rainfall infiltration.
Containment Barrier - install vertical dike to block horizontal movement of contaminant.
Excavate and Dispose - remove contaminated soil and dispose in approved site.
Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming).
Remove Free Product - remove floating product from water table.
Pump and Treat Groundwater - generally employed to remove dissolved contaminants.
Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants.
Replace Supply - provide alternative water supply to affected parties.
Treatment at Hookup - install water treatment devices at each dwelling or other place of use.
Vacuum Extract - use pumps or blowers to draw air through soil.
Vent Soil - bore holes in soil to allow volatilization of contaminants.
No Action Required - incident is minor, requiring no remedial action.

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

SIGNATURE - Sign the form in the space provided.

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

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

A·C·C
ENVIRONMENTAL
CONSULTANTS

HAZMAT
93 DEC 27 PM 2:29

STID 3292

December 22, 1993

Mr. Barney Chan
Hazardous Materials Specialist
Alameda County Health Agency - Division of Hazardous Materials
80 Swan Way, Room 200
Oakland, CA 94621

RE: Tank Closure Report
Peralta Community College District, Oakland

Dear Mr. Chan:

Enclosed, please find the tank closure report prepared on behalf of the Peralta Community College District for the removal of three underground storage tanks located at Peralta Community College - Maintenance Yard, 501 5th Avenue, Oakland, California.

The tank removal and soil and water sampling were performed in November 1993 in accordance with the Tri-Regional Board recommendations for underground storage tank removal and investigations. Documentation of the procedures and findings are included in this report.

If you have any questions regarding this report or the procedures and findings, please do not hesitate to call.

Sincerely,

Misty Kaltreider

Misty Kaltreider
Geologist

cc: Mr. Robert Mibach - Director of Physical Plant, Peralta Community College District
Mr. Dwight Langford - Oakland Fire Department

1000 Atlantic Avenue, Suite 110 • Alameda, CA 94501 • (510) 522-8188 • FAX: (510) 865-5731

white -env.health yellow -facility pink -files	ALAMEDA COUNTY, DEPARTMENT OF **ENVIRONMENTAL HEALTH**	80 Swan Way, #200 Oakland, CA 94621 (415) 271-4320

(1)

Hazardous Materials Inspection Form

II,III

Site ID # ____ Site Name Peralta C.C Today's Date 11/4/93

Site Address 333 E 8th

City Oakland Zip 94606 Phone ______

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

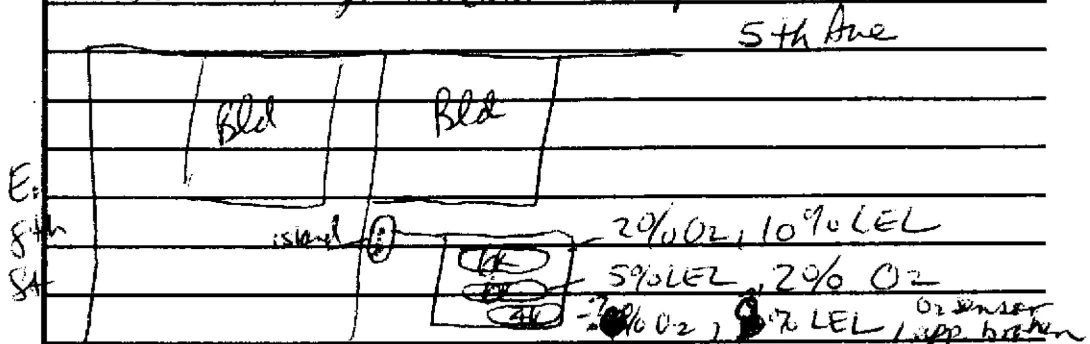
Inspection Categories:

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

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

Comments:

Witness removal of 3 Fibreglass USTS
2-6k & 1-4k gasoline tanks
Contractor: Applied Env. Solutions - Bob Mercado
OFD inspector: D. Langford
ACC - Tony Fallenspler / Consultant + Misty Kaltreider
Robert M.bach - repres. P.C.C. - Director
Tanks held only gas not
diesel ∴ fire: diesel analysis



GW encountered in the pit, dimensions are approx 40 x 30 x 7'
Erickson truck present to vacuum out GW

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. MAT'LS

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

III. UNDERGROUND TANKS (Title 23)

General

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

Monitoring for Existing Tanks

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

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

New Tanks

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

Rev 6/88

II, III

Contact: ______________

Title: ______________

Signature: Misty Kaltreider

Inspector: B Chan

Signature: B Chan

ALAMEDA COUNTY, DEPARTMENT OF
ENVIRONMENTAL HEALTH

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

(2)

Hazardous Materials Division Inspection Form

Site ID# ______ Site Name P.C. College Today's Date 11/4/93

Site Address 333 E 8th St. EPA ID# ______

City Oakland Zip 94606 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)

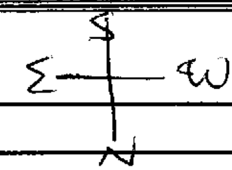
	Item	Code
	1. Waste ID	* 66471
	2. EPA ID	66472
	3. > 90 days	66508
	4. Label dates	66508
	5. Biennial	66493
Manifest	6. Records	66492
Manifest	7. Correct	66484
Manifest	8. Copy sent	66492
Manifest	9. Exception	66484
Manifest	10. Copies Rec'd	66492
Misc.	11. Treatment	66371
Misc.	12. On-site Disp. (H.S.&C.)	26189.5
Misc.	13. Ex Haz. Waste	66570
Prevention	14. Communications	67121
Prevention	15. Aisle Space	67124
Prevention	16. Local Authority	67126
Prevention	17. Maintenance	67120
Prevention	18. Training	67105
Contingency	19. Prepared	67140
Contingency	20. Name List	67141
Contingency	21. Copies	67141
Contingency	22. Emg. Coord. Trng.	67144
Containers, Tanks	23. Condition	67241
Containers, Tanks	24. Compatibility	67242
Containers, Tanks	25. Maintenance	67243
Containers, Tanks	26. Inspection	67244
Containers, Tanks	27. Buffer Zone	67246
Containers, Tanks	28. Tank Inspection	67259
Containers, Tanks	29. Containment	67245
Containers, Tanks	30. Safe Storage	67261
Containers, Tanks	31. Freeboard	67257

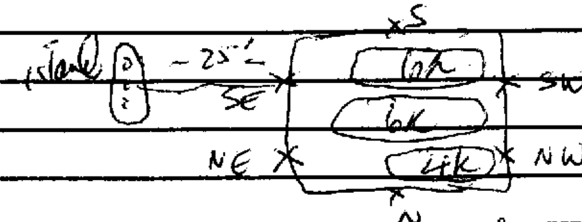
I.B TRANSPORTER (Title 22)

	Item	Code
	32. Applic./Insurance	66428
	33. Comp. Cert./CHP Insp.	66448
	34. Containers	66465
Manifest	35. Vehicles	66465
Manifest	36. EPA ID #s	66531
Manifest	37. Correct	66541
Manifest	38. HW Delivery	66543
Manifest	39. Records	66544
Cont'rs	40. Name/ Covers	66545
Cont'rs	41. Recyclables	66800

Rev 6/88

Comments: BCh





Center tank - no apparent holes
~~[illegible]~~ north + south tanks - no apparent holes
Tanks look in good shape, Owens-Corning FG
Transporter - Trident Trucking, licence # 403172
Exp 6/94 + Erickson, license # 402963 4/94
Brown sheen on surface of GW, Pea gravel backfill
Soils are ~2' brown clay, 1' brown gravely soil,
~3' black bay mud.
Manifest # 93132142 (1-6K) to Erickson
Stockpile soils are pea gravel stored on north end of
site. The 5 UST's previously pulled were ~100'
east of this tank area.
Decided to vacuum out the water prior to spling.
Sples above slab into sidewalls, ~(5-6')
NE: blue gray clay no odor, SE - blue gray clay no odor
S: blue gray clay no odor, SW + NW - blue gray clay no odor, N - blue gray clay sl. odor
One soil sple taken under dispenser - brown clay - no odor

Contact: ______________________

Title: ______________________ Inspector: B Chan

Signature: Misty Kaltheider Signature: BCh

Please remove all piping, do not reuse any spoils w/o analysis; please contact me prior to sampling any GW. Run all sples for TPHG + BTEX

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

Removal of Tank and Piping

Sampling

Final Inspection

Project Specialist (print) Barney Chan

OK 12/26/93 BChan

UNDERGROUND TANK CLOSURE PLAN

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

1. Business Name Peralta Community College District
   Business Owner Peralta Community College District
2. Site Address 333 E. 8th St.
   City Oakland Zip 94606 Phone 466-7339
3. Mailing Address 333 E. 8th St Office of Physical Plant
   City Oakland Zip 94606 Phone 466-7339
4. Land Owner Peralta Community College District
   Address 333 E. 8th St City, State Oakland, CA Zip 94606
5. Generator name under which tank will be manifested ________

EPA I.D. No. under which tank will be manifested CAD076567718

rev 12/90

6. Contractor Applied Environmental Solutions Inc.

Address 2530 Berryessa Road Suite # 809

City San Jose Phone (408) 928-1550

License Type Gen A, HazMat ID# 655422

7. Consultant ACC Environmental Consultants

Address 1000 Atlantic Ave.

City Alameda Phone

8. Contact Person for Investigation

Name Bob Mercado Title Mang.

Phone 408 928-1550

9. Number of tanks being closed under this plan 3

Length of piping being removed under this plan 36'11

Total number of tanks at facility 3

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

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

a) Product/Residual Sludge/Rinsate Transporter

Name Erickson Inc. EPA I.D. No. CAD009466382

Hauler License No. 0019 License Exp. Date 5/31/94

Address 255 Parr Blvd.

City Richmond State CA Zip 94801

b) Product/Residual Sludge/Rinsate Disposal Site

Name Erickson, Inc. EPA I.D. No. CAD009466382

Address 255 Parr Blvd.

City Richmond State CA Zip 94801

rev 12/90

c) Tank and Piping Transporter

Name Erickson, Inc EPA I.D. No. CAD009466382

Hauler License No. 019 License Exp. Date 5/31/94

Address 255 Parr Blvd.

City Richmond State CA Zip 94801

d) Tank and Piping Disposal Site

Name Erickson, Inc EPA I.D. No. CAD009466382

Address 255 Parr Blvd.

City Richmond State CA Zip 94801

11. Experienced Sample Collector

Name Misty Kaltreider

Company ACC Environmental

Address 1000 Atlantic Ave.

City Alameda State CA Zip 94501 Phone 522-8188

12. Laboratory

Name Chromalab

Address 2239 Omega Rd. #1

City San Ramon State CA Zip 94583

State Certification No. 1338

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

If yes, describe. _____

14. Describe methods to be used for rendering tank inert

1.5 lbs. dry ice per 100 gallon capacity

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

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

15. Tank History and Sampling Information

Tank		Material to be sampled (tank contents, soil, ground-water, etc.)	Location and Depth of Samples
Capacity	Use History (see instructions)		
2,000 gal	Unleaded	Soil	2ft below each end
2,000 gal	Unleaded	Soil	"
2,000 gal	Diesel	Soil	2ft below each end

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

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (Estimated)	Sampling Plan 1 discrete sample per 10 cubic yds.

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

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

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

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
TPH d	3550	8015 ~~3550~~ GC/FID	1 ppm
TPH g	5030	8015 ~~5030~~ GC/FID	1 ppm
BTXE	8020	8020	5 ppb

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

18. Submit Worker's Compensation Certificate copy

Name of Insurer State Fund

19. Submit Plot Plan (See Instructions)

20. Enclose Deposit (See Instructions)

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

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

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

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

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

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

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

Signature of Contractor

Name (please type) Robert J. Whitman

Signature [signature]

Date 10/22/93

Signature of Site Owner or Operator

Name (please type) Robert Mibach

Signature [signature]

Date 10/22/93

rev 12/90

INSTRUCTIONS

General Instructions

* Three (3) copies of this plan plus attachments and deposit must be submitted to this Department.

* Any cutting into tanks requires local fire department approval.

* One complete copy of your approved plan must be at the construction site at all times; a copy of your approved plan must also be sent to the landowner.

Item Specific Instructions

2. SITE ADDRESS
   Address at which closure is taking place.

5. EPA I.D. NO. under which the tanks will be manifested
   EPA I.D. numbers may be obtained from the State Department of Health Services, 916/324-1781.

6. CONTRACTOR
   Prime contractor for the project.

10. STATE REGISTERED HAZARDOUS WASTE TRANSPORTERS/FACILITIES

    a) All residual liquids and sludges are to be removed from tanks before tanks are inerted.

    c) Tanks must be hauled as hazardous waste.

    d) This is the place where tanks will be taken for cleaning.

15. TANK HISTORY AND SAMPLING INFORMATION
    Use History - This information is essential and must be accurate. Include tank installation date, products stored in the tank, and the date when the tank was last used.

    Material to be sampled - e.g. water, oil, sludge, soil, etc.

    Location and depth of samples - e.g. beneath the tank a maximum of two feet below the native soil/backfill interface, side wall at the high water mark, etc.

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

a) The name and responsibilities of the site health and safety officer;

b) Identification of health and safety hazards of each work task. Include potential fire, explosion, physical, and chemical hazards;

c) An outline of briefings to be held before work each day to appraise employees of site health and safety hazards;

d) Frequency and types of air and personnel monitoring to be used - along with the environmental sampling techniques and instrumentation. Include instrumentation maintenance and calibration methods and frequencies;

e) Specific personal protective equipment and procedures to be used by workers to protect themselves from the identified hazards. Also state the contaminant concentrations in air - or other conditions - which will trigger changes in work or work habits to ensure workers are not exposed to high levels of hazardous chemicals or to other unsafe conditions;

f) Confined space entry procedures (if applicable);

g) Decontamination procedures;

h) Measures to be taken to secure the site, excavation and stockpiled soil during and after work hours (e.g. barricades, caution tape, fencing, trench plates, security guards, etc.);

i) Spill containment and emergency/contingency plan. Be sure to include emergency phone numbers, the location of the phone nearest the site, and directions to the hospital nearest the site;

j) Documentation that all site workers have received the appropriate OSHA approved trainings and participate in appropriate medical surveillance per 29 CFR 1910.120; and

k) Page for employees to sign indicating they have read and will comply with the site health and safety plan.

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

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

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

a) Scale;

b) North Arrow;

c) Property Lines;

d) Location of all Structures;

e) Location of all relevant existing equipment including tanks and piping to be removed and dispensers;

f) Streets;

g) Underground conduits, sewers, water lines, utilities;

h) Existing wells (drinking, monitoring, etc.);

i) Depth to ground water; and

j) All existing tanks and piping in addition to the ones being pulled.

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

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

22. TANK CLOSURE REPORT
The tank closure report should contain the following information:

a) General description of the closure activities;

b) Description of tank, fittings and piping conditions. Indicate tank size and former contents; note any corrosion, pitting, holes, etc.;

c) Description of the excavation itself. Include the tank and excavation depth, a log of the stratigraphic units encountered within the excavation, a description of root holes or other potential contaminant pathways, the depth to any observed ground water, descriptions and locations of stained or odor-bearing soil, and descriptions of any observed free product or sheen;

d) Description of sampling methods;

e) Description of any remedial measures conducted at the time of tank removal;

f) To-scale figures showing the excavation size and depth, nearby buildings, sample locations and depths, and tank and piping locations. Include a copy of the plot plan prepared for the Tank Closure Plan under item 19;

g) Chain of custody records;

h) Copies of signed laboratory reports;

i) Copies of "TSDF to Generator" Manifests for all hazardous wastes hauled offsite (sludge, rinsate, tanks and piping, contaminated soil, etc.); and

j) Tabulation of the volume and final destination of all non-manifested contaminated soil hauled offsite.

TABLE #2

RECOMMENDED MINIMUM VERIFICATION ANALYSES FOR UNDERGROUND TANK LEAKS

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

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

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

EXPLANATION FOR TABLE #2: MINIMUM VERIFICATION ANALYSIS

1. OTHER METHODOLOGIES are continually being developed and as methods are accepted by EPA or DHS, they also can be used.

2. For DRINKING WATER SOURCES, EPA recommends that the 500 series for volatile organics be used in preference to the 600 series because the detection limits are lower and the QA/QC is better.

3. APPROPRIATE STANDARDS for the materials stored in the tank are to be used for all analyses on Table #2. For instance, seasonally, there may be five different jet fuel mixtures to be considered.

4. To AVOID FALSE POSITIVE detection of benzene, benzene-free solvents are to be used.

5. TOTAL PETROLEUM HYDROCARBONS (TPH) as gasoline (G) and diesel (D) ranges (volatile and extractible, respectively) are to be analyzed and characterized by GCFID with a fused capillary column and prepared by EPA method 5030 (purge and trap) for volatile hydrocarbons, or extracted by sonication using 3550 methodology for extractable hydrocarbons. Fused capillary columns are preferred to packed columns; a packed column may be used as a "first cut" with "dirty" samples or once the hydrocarbons have been characterized and proper QA/QC is followed.

6. TETRAETHYL LEAD (TEL) analysis may be required if total lead is detected unless the determination is made that the total lead concentration is geogenic (naturally occurring).

7. CHLORINATED HYDROCARBONS (CL HC) AND BENZENE, TOLUENE, XYLENE AND ETHYLBENZENE (BTX&E) are analyzed in soil by EPA methods 8010 and 8020 respectively, (or 8240) and in water, 601 and 602, respectively (or 624).

8. OIL AND GREASE (O & G) may be used when heavy, straight chain hydrocarbons may be present. Infrared analysis by method 418.1 may also be acceptable for O & G if proper standards are used. **Standard Methods" 17th Edition, 1989, has changed the 503 series to 5520.**

9. **PRACTICAL QUANTITATION REPORTING LIMITS are influenced by matrix problems and laboratory QA/QC procedures. Following are the Practical Quantitation Reporting Limits:**

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

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

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

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

10. LABORATORY DATA SHEETS are to be signed and submitted and include the laboratory's assessment of the condition of the samples on receipt including temperature, suitable container type, air bubbles present/absent in VOA bottles, proper preservation, etc. The sheets are to include the dates sampled, submitted, prepared for analysis, and analyzed.

11. IF PEAKS ARE FOUND, when running samples, that do not conform to the standard, laboratories are to report the peaks, including any unknown complex mixtures that elute at times varying from the standards. Recognizing that these mixtures may be contrary to the standard, they may not be readily identified; however, they are to be reported. At the discretion of the LIA or Regional Board the following information is to be contained in the laboratory report:

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

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

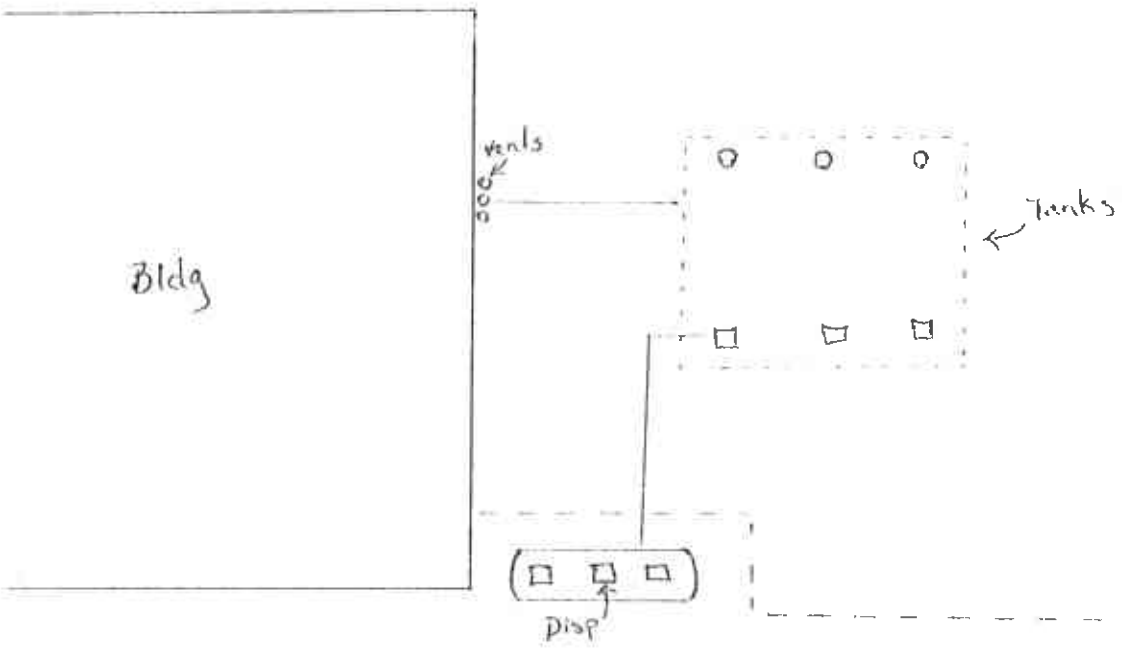
EPILOGUE

ADDITIVES: Major oil companies are being encouraged or required by the federal government to reformulate gasoline as cleaner burning fuels to reduce air emissions. MTBE (Methyl-tertiary butyl ether), ETHANOL (ethyl alcohol), and other chemicals may be added to reformulate gasolines to increase the oxygen content in the fuel and thereby decrease undesirable emissions (about four percent with MTBE). MTBE and ethanol are, for practical purposes, soluble in water. The removal

from the water column will be difficult. Other compounds are being added by the oil companies for various purposes. The refinements for detection and analysis for all of these additives are still being worked out. If you have any questions about the methodology, please call your Regional Board representative.

scale 1" = 10'

N →



Bldg.

Bldg

Fence

E 8th St.

STATE COMPENSATION INSURANCE FUND

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

CERTIFICATE OF WORKERS' COMPENSATION INSURANCE

FEBRUARY 17, 1993

POLICY NUMBER: 1276369-92
CERTIFICATE EXPIRES: 11-15-93

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

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

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

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

John A. Wolff
PRESIDENT

EMPLOYER'S LIABILITY LIMITS: $3,000,000 PER OCCURRENCE.

EMPLOYER

APPLIED ENVIRONMENTAL SOLUTIONS INC
2530 BERRYESSA RD #809
SAN JOSE, CA 95132

SCIF 0256 (REV. 12-86)

HEALTH AND SAFETY PLAN

FOR

PERALTA COMMUNITY COLLEGE DISTRICT

333 EAST 8th STREET

OAKLAND CA

PREPARED BY

APPLIED ENVIRONMENTAL SOLUTIONS

SAN JOSE, CA

OCTOBER, 1993

HEALTH AND SAFETY PLAN FOR UST SITES

OCTOBER, 1993

PREPARED BY:

APPLIED ENVIRONMENTAL SOLUTIONS

2530 BERRYESSA ROAD SUITE 809

SAN JOSE, CA 95132-2903

REVIEWED AND APPROVED BY:

	NAME	DATE
Project Manager	_____	_____
AES Health and Safety Officer	_____	_____

EMERGENCY CONTACTS

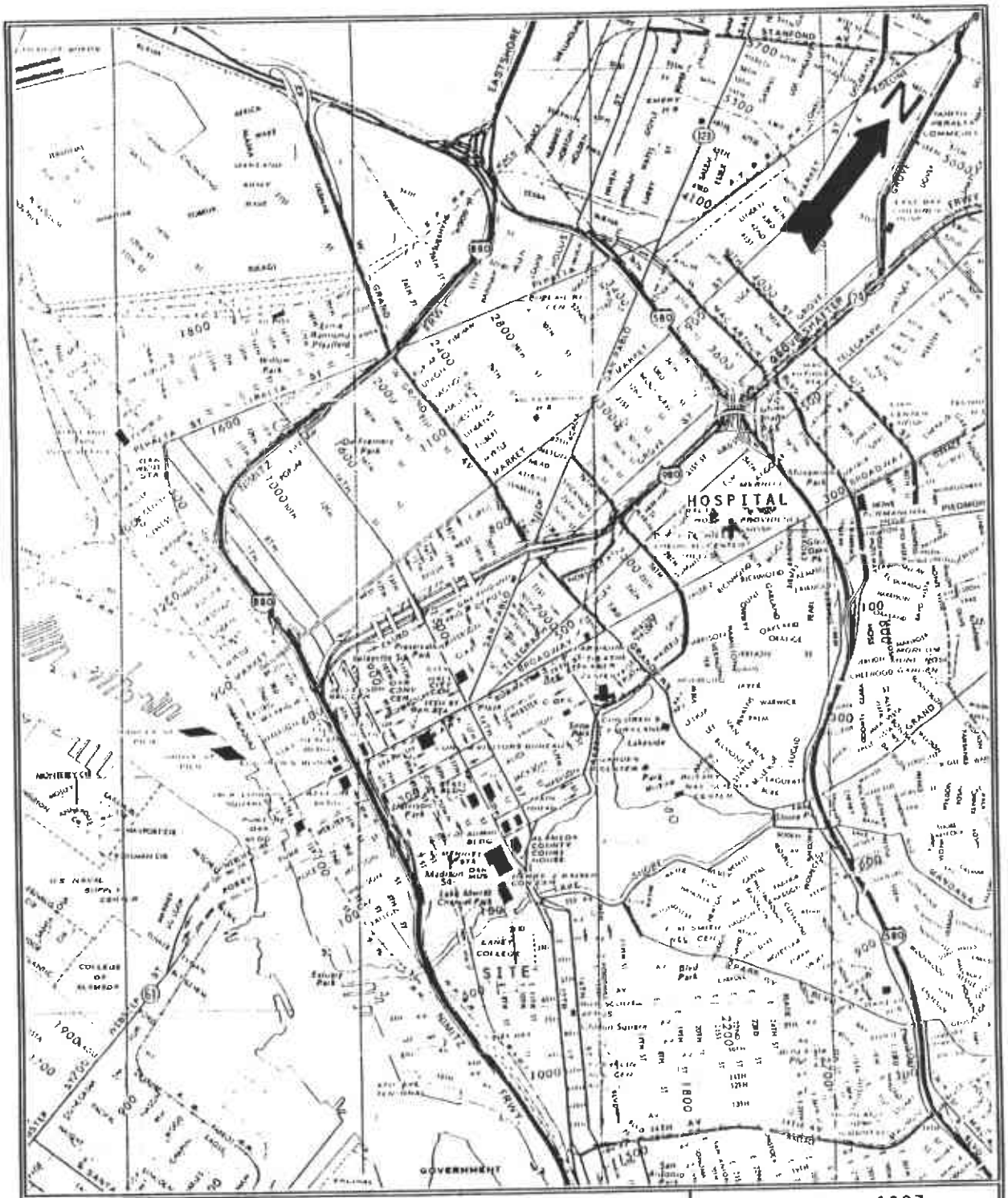
In the event of any situation or unplanned occurrence requiring assistance, the appropriate contact(s) should be made from the list below. For emergency situations, contact should first be made with the field team leader (or designee), who will notify emergency personnel, who will then contact the appropriate response teams. The emergency contacts list must be kept in an easily accessible location at the site.

Contingency Contacts	Phone Number
Nearest phone located on-site	510 ___-____
Fire Department	911
Police	911
County Sheriff	911
Poison Control	911

Medical Emergency

Hospital Name	PERALTA HOSPITAL
Hospital Phone No.	(510) 451-4900
Hospital Address	450 30th STREET OAKLAND
Travel Time from Site	10 minutes
Map to Hospital (see next page)	
Ambulance Service	911
Route to Hospital	

From the job site, drive northeast on 8th Street to 5th Avenue, turn right. Take 5 th Ave. to East 14th Street, turn left. Take East 14th Street to Broadway, turn right. Take Broadway to 30th Street, turn left. Hospital is located on east (right) side of the street at 450 30th Street.
(See Map to Hospital, attached).



MAP TO HOSPITAL FROM 333 EAST 8th STREET	OCTOBER 1993
Scale: 1 inch = approx. 2779 feet	APPLIED ENVIRONMENTAL SOLUTIONS INC.
Source: Rand McNally, Oakland	Working towards a pollution free environment.
Mark L. Wuest Staff Geologist	

TABLE OF CONTENTS

SECTION 1

INTRODUCTION

PURPOSE AND POLICY

The purpose of this safety plan is to establish personnel protection standards and mandatory safety practices and procedures for all work conducted for the underground storage tank (UST) removal project at 333 East 8th Street, Oakland, California. The plan assigns responsibility, establishes standard operating procedures, and provides for contingencies that may arise while operations are being conducted at UST sites.

The provisions of the plan are mandatory for all field, on site personnel. All **AES** personnel will abide by this plan. Any supplemental plans used by subcontractors shall at least conform to this plan. All personnel who engage in project activities must be familiar with this plan and comply with its requirements.

SITE DESCRIPTION AND HISTORY

The site currently is a community college located at 333 East 8th Street, Oakland, California. There are three 2,000 gallon fiberglass USTs at the subject property.

SCOPE OF WORK

The field tasks to be performed include: excavating the USTs, removing the USTs from the excavation, loading the USTs onto truck trailer for shipping to a certified disposal site, collecting appropriate soil and water samples, removing contaminated soil, installing new USTs, and restoring the site.

PROJECT TEAM ORGANIZATION

The **AES** Project Manager and Technical Coordinator will be responsible for directing all field activities including, controlling traffic, providing for public safety, locating underground utilities, excavating and removing USTs, removing contaminated soil, installing new USTs, backfilling and resurfacing of the site, and ensuring that all activities are conducted according to federal, state and local regulations.

SECTION 2

RISK ANALYSIS

2.1 CHEMICAL HAZARDS

A number of products containing hazardous chemicals may be encountered at UST sites. Detailed information on the nature of these hazards may be found on the Material Safety Data Sheets (MSDS) provided by **AES**. These MSDS will be available on site and at the AES offices involved.

The chemicals of primary concern will be those originating from unleaded gasoline and diesel fuel. These chemicals include Total Petroleum Hydrocarbons, Benzene, Ethylbenzene, Toluene, and Xylenes.

A GasTech Model 1314 Hydrocarbon Surveyor will be used to monitor the presence of petroleum hydrocarbon vapors present in the air. The calibration and maintenance methods are included in Appendix C.

Appropriate equipment will be on site to contain a possible chemical spill. This equipment includes a chemical absorbing compound (Spill Tamer) and thick plastic sheeting.

Although proper monitoring for the presence of chemicals will be routinely conducted and appropriate protective equipment used, the possibility of exposure to hazardous chemicals may exist. The signs of symptoms of exposure to hazardous chemicals includes behavioral changes, breathing difficulties, changes in skin color, coughing, dizziness, fatigue, respiratory irritation, headache, nausea, or light headedness. If these symptoms are present in any on site personnel, they will be removed from the site and if the problem persists or is severe, they will be taken to the nearest medical facility.

2.2 PHYSICAL HAZARDS

2.2.1 Explosion

Gasoline vapors can be highly explosive, having a flash point of about -40 F, and are considered to be a fire hazard.

2.2.2 Heat Stress

The use of protective equipment, if required, may create heat stress. Monitoring of personnel wearing personal protective clothing should commence when the ambient temperature is 70 F or above. Monitoring frequency should increase as the ambient temperature increases or as slow recovery rates are observed.

AIR MONITORING EQUIPMENT

CALIBRATION AND MAINTENANCE

INTRODUCTION

All monitoring instruments must be calibrated and maintained periodically. The limitations and possible sources of errors for each instrument must be understood by the operator. It is important that the operator ensures that the instrument responds properly to the substances it was designed to monitor. Below are the calibration and maintenance procedures for the GasTech Model 1314 combustible gas indicator.

GASTECH MODEL 1314 COMBUSTIBLE GAS INDICATOR

The combustible gas indicator must be calibrated each week. The procedure for calibrating the combustible gas indicator is listed below:

1. Attach the 0.5 liter per minute fixed flow rate regulator to the calibration gas cylinder.

2. Attach a sample line from the regulator to the balloon inlet. Attach another sample line from the balloon outlet to the sample draw intake on the instrument.

3. Fill the balloon with calibration gas and allow the sample draw prompt to draw it over the sensors. DO NOT OVER INFLATE BALLOON! Feed more gas into the balloon as needed to keep it partially inflated.

4. Wait for the reading to stabilize. Then, using a small jewelers screwdriver, adjust the "gas span" control to obtain a steady reading which corresponds to the calibration gas concentration that is printed on the label of the calibration gas cylinder (Normally 50% LEL).

5. Remove calibration lines.

6. Let the instrument run for one full minute to flush any excess calibration gas and check readings. The combustible sensor should now be ready 000% LEL (+ 001% LEL), in fresh air. Repeat calibration procedures if necessary.

7. Combustible calibration complete.

GasTech Model #1314 uses a 9 volt Ni/Cad battery. This battery should be recharged as use dictates. The battery cannot be overcharged.

Heat stress monitoring should be performed by a person with a current first aid certification who is trained to recognize heat stress symptoms. For monitoring the bodys recuperative abilities to excess heat, the following techniques will be used. Other methods for determining heat stress monitoring, such as the wet bulb globe temperature (WBGT) Index from American Conference of Governmental Industrial Hygienist (ACGIH) TLV Booklet can be used.

To monitor the worker, measure:

- Heart rate. Count the radial pulse during a 30 second period as early as possible in the rest period.

Early symptoms of heat stress include clammy skin, confusion, dizziness, fainting, fatigue, rashes, cramps, and nausea, which may lead to impaired functional ability, putting a worker and his co-workers at risk. Continued heat stress may lead to heat stroke and possible death. Avoiding over protection, careful training and frequent monitoring of personnel who wear protective clothing, judicious scheduling of work and rest periods, and frequent replacement of fluids can protect against the threat of suffering heat stress. If symptoms of heat stress are noted, the affected personnel will be properly treated at the site. If symptoms persist, they will be brought to the nearest medical facility for observation and treatment.

2.2.3 Heavy Equipment

Heavy equipment shall be operated in a safe manner, according to Cal-OSHA guidlines. Safety precautions include keeping all heavy equipment at least five feet away from the edge of unshored excavations and at least ten feet away from any overhead power lines. Underground utilities, such as gas and power lines, shall be located and clearly marked before beginning excavation. Only expirenced operators shall be allowed to operate heavy equipment. All equipment shall be in good repair and shall be operated in accordance with the manufactures recommendations.

2.2.4 Open Excavations

No persons shall enter an unshored excavation deeper than five feet. All shoring shall conform to Cal-Osha regulations. Soil or backfill stockpiles shall be at least two feet away from the edge of all open excavations. All open excavations shall be fenced and marked with yellow caution tape at the end of the work day.

ATTACHMENT 1

OUTLINE FOR A WRITTEN HAZARD COMMUNICATION PROGRAM

GENERAL INFORMATION

To comply with the OSHA Hazard Communication Standard (29 CFR 1910,1200), the following written Hazard Communication Program has been established by **AES** while performing work for the UST facility. The written program will be available in the AES office for review by any interested employee or owner representatives of OSHA compliance officers.

CONTAINER LABELING

The project manager or field team leader will verify that all containers received for use in the UST facility will:

Be clearly labeled as to the contents

Note the appropriate hazard warning

List the name and address of the manufacturer

The project manager in each area will ensure that all secondary containers are labeled with either a copy of the original manufacturers label or an alternative label with similar information meeting the requirements. For help with labeling, please contact the project manager. (If alternative methods for labeling fixed containers are used, add a description of the system used).

APPENDIX D

EMPLOYEE TRAINING AND INFORMATION

EMPLOYEE TRAINING AND INFORMATION

The AES company president is responsible for the employee training program, and will ensure that all elements specified below are carried out.

Prior to starting work, each new employee of **AES** will attend a health and safety orientation and will receive information and training on the following:

- An overview of the requirements contained in the OSHA Hazard Communication Standard, 29 CFR 1919.1200
- Location and availability of the written program
- Chemicals normally used by **AES**
- Physical and health effects of the listed hazardous chemicals
- Methods and observation techniques to determine the presence or release of hazardous chemicals in the work area
- How to lessen or prevent exposure to the hazardous chemicals through use of work practices and personal protective equipment
- Emergency procedures to follow if exposed to hazardous chemicals
- How to read labels and review MSDS to obtain appropriate hazard information
- Location of MSDS files and hazardous chemical list
- The owners program for hazard communication, MSDS, labeling, and work authorization. A thorough understanding of these systems is necessary.

After attending the training class, each employee will sign a form to verify they attended the training, received the written materials, and understood the hazard communication program.

The level of personal protection will be upgraded to level C if any of following conditions are met:

- If the concentration of organic compounds exceeds 100 ppm.

In the unlikely event that the concentrations of total volatile organic compounds exceed 1,000 ppm, personnel will back off from the area and consult the AES Health and Safety Office.

Level C protection will consist of:

- Standard work clothes
- Full face air purifying respirator
- Combination dust/organic vapor cartridges
- Tyvek coveralls
- PVC inner and neoprene outer gloves

SECTION 4

WORK ZONES AND DECONTAMINATION

4.1 SITE WORK ZONES

To reduce the spread of hazardous materials by workers from the contaminated areas to the clean areas, zones will be delineated with the use of portable fence or yellow caution tape at the UST facility. The flow of personnel between the zones should be controlled. The establishment of the work zones will help ensure that: personnel are properly protected against the hazards present where they are working; work activities and contaminations are confined to the appropriate areas; and, personnel can be located and evacuated in an emergency.

4.1.1 Exclusion Zone

Exclusion zones will be established at the UST facility for all drilling activities; unprotected onlookers should be located 50 feet upwind of drilling activities. In the event that volatile organics are detected in the breathing zone, all personnel within the exclusion zone must do Level C protection as discussed under "Personal Protective Equipment and Action Levels."

All personnel within exclusion zones will be required to use the specified level of protection. No food, drink, or smoking will be allowed in the exclusion or decontamination zones.

4.1.2 Decontamination Zone

Should it be necessary to establish an exclusion zone, the decontamination zone will be utilized. This zone will be established between the exclusion zone and the support zone (discussed below), and will include the personnel and equipment necessary for decontamination of equipment and personnel. Personnel and equipment in the exclusion zone must pass through the decontamination zone before entering the support zone. The decontamination zone should always be located upwind of the exclusion zone.

4.1.3 Support Zone

The support zone will include the remaining areas of the job site. Break areas, operational direction and support facilities (to include supplies, equipment storage and maintenance areas) will be located in this area. No equipment or personnel will be permitted to enter the clean zone from the exclusion zone without passing through the personnel or equipment decontamination station. Eating, smoking, and drinking will be allowed only in this area.

4.2 DECONTAMINATION

Water used in decontamination procedures will be collected and stored on site, pending receipt of analytical results, in labeled 55 gallon drums.

4.2.1 Decontamination of Personnel

Minimal decontamination will be necessary if only Level D protection is used. Boots worn on site should be washed and removed; disposable gloves used during sampling activities should be removed and bagged; and, personnel should be encouraged to remove clothing and shower as soon as is practical at the end of the day. All clothing should be machine washed. All personnel will wash hands and face prior to eating and before and after using the restroom.

Decontamination will be necessary if Level C protection is used. The following OSHA specified procedures include steps necessary for complete decontamination prior to entry into the support zone, and steps necessary if a worker only needs to change a respirator or respirator canister.

Modification can be made to the twelve station decontamination process depending on the extent of contamination.

Station 1: Segregated Equipment Drop

Deposit equipment used on the site (tools, sampling devices and containers, monitoring instruments, clipboards, etc.) on plastic drop cloths or in different containers with plastic liners. Each will be contaminated to a different degree. Segregation at the drop reduces the probability of cross contamination.

Station 2: Suit/Safety Boot and Outer Glove Wash

Thoroughly wash safety boots and outer gloves. Scrub with a long handle, soft bristle scrub brush and copious amounts of detergent/water solution.

Necessary equipment includes:

1. Wash tub (30 gallon or large enough for person to stand in)

2. Detergent/water solution

3. Long handle soft bristle scrub brushes

Station 3: Suit/Safety Boot and Outer Glove Rinse

Rinse off detergent/water solution using copious amounts of water. Repeat as many times as necessary.

Necessary equipment includes:

1. Wash tub (30 gallon or large enough for person to stand in)
2. Spray unit
3. Water
4. Long handle, soft bristle scrub brushes

APPENDIX A

LIST OF POSSIBLE HAZARDOUS CHEMICALS AT UST SITES

(This list identifies the hazardous chemicals which are encountered at UST sites. Some of the chemicals listed may not be present at this site at any given time, and other chemicals which will be present will be added to this list, as appropriate, in the spaces provided.)

FUELS

Premium Unleaded Gasoline
Unleaded Gasoline
Leaded Gasoline
Diesel Fuel
Waste Oil

APPENDIX B

MSDS CHEMICALS FOUND AT UST FACILITIES

MATERIAL SAFETY DATA SHEETS (MSDS)

The project manager will be responsible for obtaining and maintaining the Material Safety Data Sheet system for hazardous chemicals brought into the UST facility. The project manager will review incoming data sheets for new and significant health/safety information, and will see that any new information is provided to the affected employees.

Copies of MSDS for all hazardous chemicals will be kept at the job site and at the AES office. MSDS for substances in their work area will be available to all employees for review during each work shift. If MSDS are not available, or if new chemicals do not have MSDS, notify the project Manager.

GASOLINES: AUTOMOTIVE (<4.23g lead/gal) — GAT

COMMON SYNONYMS: Motor spirit
Petrol

DESCRIPTIONS:
- Watery liquid
- Colorless to pale brown
- Gasoline odor
- Floats on water
- Flammable
- Irritating vapor is produced

- Stop discharge if possible. Keep people away.
- Shut off ignition sources and call fire department.
- Stay upwind and use water spray to "knock down" vapor.
- Isolate and remove discharged material.
- Notify local health and pollution control agencies.

FIRE: - FLAMMABLE
- Flashback along vapor trail may occur.
- Vapor may explode if ingnited in an enclosed area.
- Extinguish with dry chemical, foam, or carbon dioxide.
- Water may be ineffective on fire.
- Cool exposed containers with water.

EXPOSURE: CALL FOR MEDICAL AID.

VAPOR:
- Irritating to eyes, nose and throat.
- If inhaled, will cause dizziness, headache, difficult breathing or loss of consciousness.
- Move to fresh air.
- If breathing has stopped, give artificial respiration.
- If breathing is difficult, give oxygen.

LIQUID:
- Irritating to skin and eyes.
- If swallowed, will cause nausea or vomiting.

Remove contaminted clothing and shoes.
Flush affected areas with plenty of water.
IF IN EYES, hold eyelids open and flush with plenty of water.
IF SWALLOWED and victim is CONSCIOUS, have victim drink water or milk.
DO NOT INDUCE VOMITING.

WATER POLLUTION:
HARMFUL TO AQUATIC LIFE IN VERY LOW CONCENTRATIONS.
Fouling to shoreline.
May be dangerous if it enters water intakes.

Notify local health and wildlife officials.
Notify operators of nearby water intakes.

1.0 RESPONSE TO DISCHARGE
(See Response Methods Handbook)
Issue warning-high flammability.
Evacuate area.
Disperse and flush.

2.0 LABLE
2.1 Category: Flammable liquid
2.2 Class 3

3.0 CHEMICAL DESIGNATIONSor pink
3.1 CG Compatibility Class: Miscellaneous Hydrocarbon Mixtures
3.2 Formula: (Mixture of Hydrocarbons)
3.3 IMO/un Designation: 3.1/1203
3.4 DOT IC No.: 1203
3.5 CAS Registry No.: Data not available

4.0 OBSERVABLE CHARACTERISTICS
4.1 Physical State (as shipped): Liquid
4.2 Color: Colorless to brown
4.3 Odor: Gasoline

5.0 HEALTH HAZARDS
5.1 Personal Protective Equipment: Protective goggles, gloves.
5.2 Symptoms Following Exposure: Irritation of mucous membranes and stimulation followed by depression of central nervous system. Breathing of vapor may also cause dizziness, headache, and incoordination or, in more severe cases, anesthesia, coma, and respiratory arrest. If liquid enters lungs, it will cause severe irritation, coughing, gagging, pulmonary edena, and later, signs of bronchopneumonia and pneumonitis. Swallowing may cause irregular heartbeat.

6.0 FIRE HAZARDS
6.1 Flash Point: -36°F C.C.
6.2 Flammable Limits In Air: 1.4% - 7.4%
6.3 Fire Extinguishing Agents: Foam, carbon dioxide, dry chemical.
6.4 Fire Extinguishing Agents Not to be Used: Water may be ineffective.
6.5 Special Hazards of Combustion Products: None
6.6 Behavior In Fire: Vapor is heavier than air and may travelconsideravle distance to a source of ignition and flash back.
6.7 Igition Temperature: 853°F
6.8 Electrical Hazard: Class I, Group D
6.9 Burning Rate: 4 mm/min.
6.10 Adiabatic Flame Temperature: Data not avalible
6.11 Stoichlometric Air to Fuel Ratio: Data not avalible
6.12 Flame Temperature: Data not avalible

7.0 CHEMICAL REACTIVITY
7.1 Reactivity with Water: No reaction
7.2 Reactivity with Common Materials: No reaction
7.3 Stability During Transport: Stable
7.4 Neutralizing Agents for Acids and Caustics: Not pertinent
7.5 Polymerization: Not pertinent
7.6 Inhibitor of Polymerization: Not pertinent
7.7 Molar Ration (Reactant to Product): Data not avalible
7.8 Reactivity Group: 33

GASOLINES: AUTOMOTIVE (<4.23g lead/gal)

GAT

8.0 WATER POLLUTION

8.1 Aquatic Toxicity:
90 ppm/24/juvenile American Shad/TL_m/fresh water
91 mg/l/24 hr/juvenile American shad/TL_m/salt water

8.2 Waterfowl Toxicity: Data not avalible

8.3 Bilological Oxygen Demand (BOD): 8%, 5 days

8.4 Food Chain Concentration Potential: None

9.0 SHIPPING INFORMATION

9.1 Grades of Purity: various octane ratings; military specifications

9.2 Storage Temperature: Ambient

9.3 Inert Atmosphere: No requirement

9.4 Venting: Open (flame arrester) or pressure-vacuum

10.0 HAZARD ASSESSMENT CODE

(See Hazard Assessment Handbook)
A-T-U-V-W

11.0 HAZARD CLASSIFICATIONS

11.1 Code of Federal Regulations: Flammable liquid

11.2 NAS Hazard Rating for Bulk Water Transportation:

Category	Rating
Fire	3
Health	
Vapor Irritant	1
Liquid or Solid Irritant	1
Poisons	2
Water Pollution	
Human Toxicity	1
Aquatic Toxicity	2
Aesthetic Effect	2
Reactivity	
Other Chemicals	0
Water	0
Self Reaction	0

11.3 NFPA Hazard Classification:

Category	Classification
Health Hazard (Blue)	1
Flammability (Red)	3
Reactivity (Yellow)	0

12.0 PHYSICAL AND CHEMICAL PROPERITES

12.1 Physical State at 15° C and 1 atm: Liquid

12.2 Molecular Weight: Not pertinent

12.3 Boiling Point at 1 atm: 140 - 390° F = 60 - 199° C = 333 - 472° K

12.4 Freezing Point: Not pertinent

12.5 Critical Temperature: Not pertinent

12.6 Critical Pressure: Not Pertinent

12.7 Specific Gravity: 0.7321 at 20° C (liquid)

12.8 Liquid Surface Tension: 49 - 51 dynes/cm = 0.019 - 0.023 N/m at 20° C

12.9 Liquid Water Interfacial Tension: 49 - 51 dynes/cm = 0.019 - 0.023 N/m at 20° C

12.10 Vapor (Gas) Specific Gravity: 3.4

12.11 Ratio of Specific Heats of Vapor (Gas): (est.) 1.054

12.12 Latent heat of Vaporization: 130 - 150 Btu/lb = 71 - 81 cal/g = 3.0 - 3.4 X 10^8 J/kg

12.13 Heat of Combustion: 18,720 Btu/lb = -10,400 cal/g = 435.1 X 10^5 J/kg

12.14 Heat of Decomposition: Not pertinent

12.15 Heat of Solution: Not pertinent

12.16 Heat of Polymerization: Not pertinent

12.25 Heat of Fusion: Data not avalible

12.26 Limiting Value: Data not available

12.27 Reid Vapor Pressure: 7.4 psia

12.17 SATURATED LIQUID DENSITY

Temp (°F)	lbs/ft^3
45	46.270
50	46.130
55	46.000
60	45.850
65	45.710
70	45.560
75	45.400
80	45.240
85	45.080
90	44.910
95	44.750
100	44.570
105	44.390
110	44.210
115	44.030

12.18 LIQUID HEAT CAPACITY

Temp (°F)	Btu/lb-F
10	.459
15	.462
20	.464
25	.467
30	.470
35	.472
40	.475
45	.478
50	.480
55	.483
60	.486
65	.488
70	.491
75	.494
80	.496
85	.499
90	.502
95	.504
100	.507
105	.510

12.19 LIQUID THERMAL CONDUCTIVITY

Temp (°F)	Btu-in/hour-ft^2-F
40	.909
50	.900
60	.891
70	.883
80	.874
90	.865
100	.856
110	.847
120	.838
130	.829
140	.821

GASOLINES: AUTOMOTIVE(<4.23glead/gal)

GAT

12.19 LIQUID THERMAL CONDUCTIVITY (cont.)

Temp (^{o}F)	Btu-in./hour-ft^{2}-F
150	.812
160	.803
170	.794
180	.785
190	.776

12.20 LIQUID VISCOSITY

Temp (^{o}F)	Centipoise
46	.521
48	.514
50	.507
52	.500
54	.494
56	.487
58	.481
60	.475
62	.469
64	.463
66	.457
68	.451
70	.446
72	.440
74	.435
76	.430
78	.424
80	.419
82	.414
84	.410
86	.405
88	.400
90	.396
92	.391
94	.387
96	.382

12.21 SOLUBILITY IN WATER

Insouluble in water

12.22 SATURATED VAPOR PRESSURE

Data not available

12.23 SATURATED VAPOR DENSITY

Not pertinent

12.24 IDEAL GAS HEAT CAPACITY

Data not available

NOTES:

OILS: DIESEL

ODS

COMMON SYNONYMS: Fuel oil 1-D, Fuel oil 2-D

DESCRIPTION: Oily liquid, Yellow-brown, Lube or fuel odor, Floats on water.

Stop discharge if possible.
Call fire department.
Avoid contact with liquid.
Isolate and remove discharged material.
Notify local health and pollution control agencies.

FIRE: Combustable.
Extinguish with dry chemical, foam, or carbon dioxide.
Water may be ineffective on fire.
Cool exposed containers with water.

EXPOSURE: Call For Medical Aid.
LIQUID
Irritating to skin and eyes.
Harmful if swallowed.
Remove contaminated clothing and shoes.
Flush affected areas with plenty of water.
IF IN EYES, hold eyelids open and flush with plenty of water.
IF SWALLOWED and victim is CONSCIOUS, have victim drink water or milk.
DO NOT INDUCE VOMITING.

WATER POLLUTION:
Dangerous to aquatic life in high concentrations.
Fouling to shoreline.
May be dangerous if it enters water intakes.
Notify local health and wildlife officials.
Notify operators of nearby water intakes.

1.0 RESPONSE TO DISCHARGE
(See Response Methods Handbook)
- Mechanical containment.
- Should be removed.
- Chemical and physical treatment.

2.0 Label
2.1 Category: None
2.2 Class: Not pertinent

3.0 CHEMICAL DESIGNATIONS
3.1 CG Compatibility Class: Miscellaneous
3.2 Formula: Not applicable
3.3 IMO/UN Designation: 3.1/1270
3.4 DOT ID No.: 1270
3.5 CAS Registry No.: Data not available

4.0 OBSERVABLE CHARACTERISTICS
4.1 Physical State (as shipped): Liquid
4.2 Color: Light brown
4.3 Odor: Like fuel oil

5.0 HEALTH HAZARDS
5.1 Personal Protective Equipment: Goggles or face shield.
5.2 Symptoms Following Exposure: If liquid is ingested, an increased frequency of bowel movements will occur.
5.3 Treatment of Exposure: INGESTION: Do NOT induce vomiting. SKIN: wipe off, wash with soap and water. EYES: wash with copious amounts of water for at least 15 min.
5.4 Threshold Limit Value: No single TLV applicable.
5.5 Short Term Inhalation Limits: Data not available.
5.6 Toxicity by Ingestion: Grade 1: LD_{50} = 5 to 15 g/kg
5.7 Late Toxicity: Data not available
5.8 Vapor (Gas) Irritant Characteristics: Vapors cause a slight smarting of the eyes or respiratory system if present in high concentrations. The effect is temporary.
5.9 Liquid or Solid Irritant Characteristics: Minimum hazard. If spilled on clothing and allowed to remain, may cause smarting and reddening of the skin.
5.10 Odor Threshold: Data not available
5.11 IDLH Value: Data not available

6.0 FIRE HAZARDS
6.1 Flash Point: (1-D) 100°F C.C.; (2-D) 125°F C.C.
6.2 Flammable Limits In Air: 1.3 - 6.0 vol %
6.3 Fire Extinguidhing Agents: Dry chemical, foam, or carbon dioxide
6.4 Fire Extinguishing Agents Not to be Used: Water may be ineffective
6.5 Special Hazards of Combustion Products: Not pertinent
6.6 Behavior In Fire: Not pertinent
6.7 Ignition Temperature: (1-D) 350 - 625°F (2-D) 490 - 545°F
6.8 Electrical Hazard: Not pertinent
6.9 Burnig rate: 4 mm/min.
6.10 Adiabatic Flame Temperature: Data not available
6.11 Stolchiometric Air to Fuel Ratio: Data not available
6.12 Flame Temperature: Data not available

7.0 CHEMICAL REACTIVITY
7.1 Reactivity With Water: No reaction
7.2 Reactibity with Common Materials: No reaction
7.3 Stability During Transport: Stable
7.4 Neutralizing Agents for Acids and Caustics: Not pertinent
7.5 Polymerization: Not pertinent
7.6 Inhibitor of Polymerization: Not pertinent
7.7 Molar Ratio (Reactant to Product): Data not available
7.8 Reactivity Group: Group 33

OILS: DIESEL

ODS

8.0 WATER POLLUTION

8.1 Aquatic Toxicity: 204 mg/1/24 hr/juvenile American shad/TL_m/salt water

8.2 Water Fowl Toxicity: > 20 ml/kg/LD^{50}/ mallards

8.3 Biological Oxygen Demand (BOD): Data not available

8.4 Food Chain Concentration Potential: None

9.0 SHIPPING INFORMATION

9.1 Grades of Purity: Diesel Fuel 1-D (ASTM): Diesel Fuel 2-D (ASTM)

9.2 Storage Temperature: Ambient

9.3 Inert Atmosphere: No requirement

9.4 Venting: Open (flame arrester)

10.0 HAZARD ASSESSMENT CODE

(See Hazard Assessment Handbook)

A-T-U

11.0 HAZARD CLASSIFICATIONS

11.1 Code of Federal Regulations: Combustible liquid

11.2 NAS hazard Rating for Bulk Water Transportation: Not listed

11.3 NFPA Harzard Classification:

Category	Classification
Health Hazard (Blue).....	0
Flammability (Red).....	2
Reactivity (Yellow).....	0

12.0 PHYSICAL AND CHEMICAL PROPERTIES

12.1 Physical State at 15°C and 1 atm: Liquid

12.2 Molecular Weight: Not pertinent

12.3 Boiling Point at 1 atm: 550 - 640°F = 288 - 338°C = 561 - 612°K

12.4 Freezing Point: 0 to -30°F = -18 to -34°C = 255 to 239°K

12.5 Critical Temperature: Not pertinent

12.6 Critical Pressure: Not pertinent

12.7 Specific Gravity: 0.841 at 16°C (liquid)

12.8 Liquid Surface Tension: (est.) 25 dynes/cm = 0.025 N/m at 20°C

12.9 Liquid Water Interfacial Tension: (est.) 50 dynes/cm = 0.05 N/m at 20°C

12.10 Vapor (Gas) Specific Gravity: Not pertinent

12.11 Ratio of Specific Heats of Vapor (Gas): Not pertinent

12.12 Latent Heat of Vaporization: Not pertinent

12.13 Heat of Combustion: -18,400 Btu/lb = -10,200 cal/g = 429 X 10^5 J/kg

12.14 Heat of Decomposition: Not pertinent

12.15 Heat of Solution: Not pertinent

12.16 Heat of Polymerization: Not perinent

12.17 Saturated Liquid Density

Temp °F	lbs/ft^3
50	52.430
52	52.430
54	52.430
56	52.430
58	52.430
60	52.430
62	52.430
66	52.430
68	52.430

12.17 SATURATED LIQUID DENSITY (cont.)

Temp °F	lbs/ft^3
70	52.430
72	52.430
74	52.430
76	52.430
78	52.430
80	52.430
82	52.430
84	52.430

12.18 LIQUID HEAT CAPACITY

Temp °F	Btu/lb-F
10	.429
15	.431
20	.434
25	.436
30	.439
35	.441
40	.444
45	.446
50	.448
55	.451
60	.453
65	.456
70	.458
75	.461
80	.463
85	.466
90	.468
95	.471
100	.473
105	.475

12.19 LIQUID THERMAL CONDUCTIVITY

Temp °F	Btu/hr ft^2-F
30	.968
35	.966
40	.965
45	.963
50	.962
55	.961
60	.959
65	.958
70	.957
75	.955
80	.954
85	.952
90	.951
95	.950
100	.948
105	.947
110	.946
115	.944
120	.943
125	.941
130	.940

12.20 LIQUID VISCOSITY

Temp °F	Centipoise
100.42	11.950

12.21 SOLUBILITY IN WATER: Insoluble

OILS: DIESEL

ODS

12.22 SATURATED VAPOR PRESSURE

Temp ^{o}F	lbs/in^2
70	.042
75	.049
80	.057
85	.065
90	.076
95	.087
100	.100
105	.114
110	.131
115	.149
120	.170
125	.193
130	.218
135	.247
140	.279
145	.314
150	.352
155	.395
160	.443
165	.495
170	.552
175	.615
180	.683
185	.758
190	.841
195	.930

12.23 SATURATED VAPOR DENSITY: Not pertinent

12.24 IDEAL GAS HEAT CAPACITY: Not pertinent

12.25 HEAT OF FUSION: Data not available

12.26 LIMITING VALUE: Data not available

12.27 REID VAPOR PRESSURE: Vanes

NOTES:

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

May 19, 1993
STID 3292

Peralta Community College District
ATTN: Robert Mibach
333 East 8th St.
Oakland, CA 94606

Re: 501 - 5th Ave., Oakland, CA 94606

Dear Robert Mibach:

This office has received and reviewed a Preliminary Site Assessment Workplan Proposal by ACC Environmental Consultants dated April 27, 1993 for the above site. The workplan is acceptable to this office.

If you have any questions please call this office.

Sincerely,

Thomas F. Peacock, Supervising HMS
Hazardous Material Division

cc: R. Hiett, RWQCB
Edgar Howell, Chief - files
Misty Kaltreider,ACC Environmental Consultants, 1000 Atlantic Ave.,Suite 110, Alameda, 94501

A·C·C
ENVIRONMENTAL
CONSULTANTS

April 27, 1993

Mr. Thomas Peacock
Alameda County Health Care Services Agency
Hazardous Materials Division
80 Swan Way, Room 200
Oakland, CA 94621

RE: Preliminary Site Assessment
Peralta Community College - Maintenance Yard
STID 3292

Dear Mr. Peacock:

Enclosed please find the Preliminary Site Assessment (PSA) work plan for the groundwater investigation at the above referenced site.

During an underground storage tank removal in September 1992, elevated levels of contaminants were observed in the soil and water within the pit. Drilling and soil sampling were performed on October 30, 1992 around the former tank excavation. Soil and grab groundwater results indicated elevated levels of Total Petroleum Hydrocarbons as gasoline and motor oil as well as benzene, toluene, ethylbenzene and total xylenes.

A preliminary study performed by Environ in September of 1992, projected several groundwater contaminant plumes on-site. The initial soil investigation and the Environ study indicate that contaminants from other sources may be contributing to hydrocarbons found within the original tank excavation.

Enclosed please find the Preliminary Site Assessment (PSA) proposal for the groundwater investigation and monitoring well installation at the above referenced site.

If you have any question regarding this PSA proposal, please do not hesitate to contact me.

Sincerely,

Misty Kaltreider (CG)

Misty Kaltreider
Geologist

Encl.

cc: Mr. Robert Mibach - Peralta Community College District
Mr. Richard Hiett - Regional Water Quality Control Board

1000 Atlantic Avenue, Suite 110 • Alameda, CA 94501 • (510) 522-8188 • FAX: (510) 865-5731

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

March 23, 1993
STID 3292

Peralta Community College District
ATTN: Robert Mibach
333 East 8th St.
Oakland, CA 94606

Re: 501 - 5th Ave., Oakland, CA 94606

Dear Robert Mibach:

This office has received and reviewed a Site Investigation Report by Environ Corporation dated September 21, 1992 for the above site and its adjacent athletic fields. Elevated petroleum hydrocarbon contamination was found in soil and groundwater grab samples taken during this investigation. The following are comments to be considered.

1. ACC Environmental, your consultant for the underground tank removal project, has asked for our input using this report to assist in the placement of monitoring wells at the above site. The rough location of these wells has been discussed and will be forthcoming from them in a workplan.

2. The presence of the B.A.R.T. tunnel has also been discussed as it may pose a significant barrier to subsurface movement of contamination and groundwater. Several questions concerning the tunnel have been raised but not answered at this time. The report gives valuable information in assessing contamination on the above site.

If you have any questions please call this office.

Sincerely,

Thomas F. Peacock, Supervising HMS
Hazardous Material Division

cc: R. Hiett, RWQCB
Edgar Howell, Chief - files
Misty Kaltreider, ACC Environmental Consultants, 1000 Atlantic Ave., Suite 110, Alameda, 94501

Peralta Community College District

333 East 8th Street · Oakland, California 94606 · (510) 466-7200

Office of Physical Plant

STID
3092

February 23, 1993

Thomas Peacock
Alameda County Health Care Services Agency
Hazardous Material Division
80 Swan Way, Room 200
Oakland, CA 94621

RE: Laney College - Ground water and soil investigation

Dear Mr. Peacock:

I am the Director of Physical Plant operations for the Peralta Community College District in Oakland. The Peralta Community College District is a publicly funded community college. I was informed that you supervise soil and ground water investigations in this area.

Kaiser Foundation Hospitals ("Kaiser") has expressed interest in purchasing a portion of district owned property, and we recently permitted Kaiser to conduct a limited soil and ground water investigation of the property to determine if any environmental issues were present. The investigation was performed by ENVIRON Corporation. ENVIRON's investigation identified some areas where releases of chemicals, primarily petroleum hydrocarbons, may have occurred due to industries that were located on the proposed purchased site prior to the development of the property(s) in the 1960s and 1970s.

Enclosed for your information is a copy of the ENVIRON report. The handling of the environmental issues will depend on the disposition of the property, which has not been determined yet. We will keep you informed periodically regarding this matter.

Please call me if you have any questions or comments regarding this matter.

Sincerely,

Robert Mibach
Director, Physical Plant

:sa

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

November 3, 1992
STID 3292

Peralta Community College District
ATTN: Robert Mibach
333 East 8th St.
Oakland, CA 94606

Re: 501 - 5th Ave., Oakland, CA 94606

Dear Robert Mibach:

This office has received and reviewed the Tank Closure Report dated October 9, 1992 for the underground storage tank removals performed at the above referenced site and subsequent soil analysis. Elevated petroleum hydrocarbon contamination was found in soil samples taken at the time of the removals.

This office has also received and reviewed the Preliminary Site Assessment Workplan for the above site. The following are comments to be considered.

1. There is a great deal of confusion over the address of the contaminated site. We are referring to the site as above although "510" has been used and "5th St." is used extensively. This should be corrected as Oakland also has a 5th St. about 1 mile away (499 5th St. is the County Public Health Headquarters). The Leak Report was filed with your mailing address as the site address.

2. Although you intend to drill 6 borings there is no reference to how many of these will be used, if any, as groundwater monitoring wells. Please contact this office as soon as there is a decision concerning this.

3. The workplan is accepted. Please contact this office at least 48 hours prior to the commencement of drilling.

4. There is no reference to the disposal of contaminated soils from the tank excavations. Please submit these documents.

Enclosed is a listing of information needed by the Regional Water Quality Control Board for site closure.

INSTRUCTIONS

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

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

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

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

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

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

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

DISCOVERY/ABATEMENT
Provide information regarding the discovery and abatement of the leak.

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

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

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

No Action Taken - No action has been taken by responsible party beyond initial report of leak
Leak Being Confirmed - Leak suspected at site, but has not been confirmed.
Preliminary Site Assessment Workplan Submitted - workplan/proposal requested of/submitted by responsible party to determine whether ground water has been, or will be, impacted as a result of the release.
Preliminary Site Assessment Underway - implementation of workplan.
Pollution Characterization - responsible party is in the process of fully defining the extent of contamination in soil and ground water and assessing impacts on surface and/or ground water.
Remediation Plan - remediation plan submitted evaluating long term remediation options. Proposal and implementation schedule for appropriate remediation options also submitted.
Cleanup Underway - implementation of remediation plan.
Post Cleanup Monitoring in Progress - periodic ground water or other monitoring at site, as necessary, to verify and/or evaluate effectiveness of remedial activities.
Case Closed - regional board and local agency in concurrence that no further work is necessary at the site.

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

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

Cap Site - install horizontal impermeable layer to reduce rainfall infiltration.
Containment Barrier - install vertical dike to block horizontal movement of contaminant.
Excavate and Dispose - remove contaminated soil and dispose in approved site.
Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming).
Remove Free Product - remove floating product from water table.
Pump and Treat Groundwater - generally employed to remove dissolved contaminants.
Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants.
Replace Supply - provide alternative water supply to affected parties.
Treatment at Hookup - install water treatment devices at each dwelling or other place of use.
Vacuum Extract - use pumps or blowers to draw air through soil.
Vent Soil - bore holes in soil to allow volatilization of contaminants.
No Action Required - incident is minor, requiring no remedial action.

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

SIGNATURE - Sign the form in the space provided.

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

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

TP
ST#3292

DATE: 10/20/92

TO : Local Oversight Program

FROM: Paul Smith

SUBJ: Transfer of Elligible Oversight Case

Site name: Peralta College

Address: 501 9th ave City Oakland Zip 94606

Closure plan attached? (Y) N DepRef remaining $_____

DepRef Project # 0604970 STID #(if any) 3292

Number of Tanks: 3 removed? Y N Date of removal 9/3/92

Samples received? Y N Contamination: as high as 949 ppm TPHd, 15,000 ppm TOG

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_____

Soil Contam transfer to Lop. I have not reviewed the closure plan sufficiently to comment in any detail re: this case

ULR filed ovt.

PROJECT #4505637

ALAMEDA COUNTY HEALTH
ENVIRONMENTAL HEALTH DEPT.

SERVICE REQUESTED: Removal

NAME OF SITE: Sandia Natl Lab STID

ADDRESS: E. Ave (Between Vasco Rd + Sandia LAB
Livermore 94550

CONTRACTOR: Ground water Technology

ADDRESS 4080 Pike Ln. Suite D, Concord TELE # 671-2387

CONTACT PERSON: TELE #

AMOUNT OF DEPOSIT: $ 900.00 DATE: 3/

DATE:	ACTION TAKEN	TIME IN	OUT	HRS IN 0.1 X $53.00 = X $53.		BALANCE
	~~OVERHEAD 25%~~					$
3/24/88	Review Plan / To information / Accounts	2:45p	3:15p	0.5	26.50	
4/5	Telephone Lia Swenson	10 30	10:36	0.1		
9/4/92	Close out & Transfer to LOP					

TOTAL COST $

PROJECT COMPLETED BY

DATE: REFUND: $

SENT TO ACCOUNTING: DATE: 9/4/92

TO BE REPORTED WEEKLY TO ACCOUNTING FOR CASH FLOW ADJUSTMENT

file #

A·C·C
ENVIRONMENTAL
CONSULTANTS

MISTY KALTREIDER
Geologist

1000 Atlantic Avenue
Suite 110
Alameda, CA 94501
(510) 522-8188
FAX: (510) 865-5731

R.S. EAGAN & CO.

General Engineering Contractors LIC. #476428
Fuel Storage Tanks, Piping & Monitoring Systems

ROBERT S. CORSUN
Vice President

1992 NATIONAL AVENUE
HAYWARD, CA 94545-1787
(510) 732-7300
FAX (510) 732-7304

PERALTA
COMMUNITY COLLEGE DISTRICT

RONALD A. (Tony) GRACIOLETT
CHIEF ENGINEER
510 - 466-7340
FAX 510 - 466-7315

333 EAST EIGHTH STREET OAKLAND, CALIFORNIA 94606

9/4/92

wrote to
tap plate under
dispensers today.
R S Eagan will call you
for appointment. If you
can't make it let me know. Don

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

ACCEPTED
DEPARTMENT OF ENVIRONMENTAL HEALTH
470 - 27th Street, [illegible] Floor
Oakland, CA [illegible]
Telephone: (415) [illegible]

These plans have been reviewed and [illegible] to be [illegible] able and essentially meet the requirements [illegible] local health laws. Changes to your plans [illegible] Department are to assure compliance with [illegible] laws. The project proposed [illegible] ance of any required building permits for [illegible]

One copy of these accepted plans [illegible] available to all contractors and [illegible] the removal.

Any change or alterations of these plans [illegible] must be submitted to this Department and to [illegible] Building Inspection Department to determine [illegible] changes meet the requirements of State and [illegible] Notify this Department at least 48 hours prior [illegible] 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 [illegible] regulations.

THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

* If stockpile is to be returned to the excavation samples shall be collected at one per 20 yd³
Samples collected from gasoline tanks shall also be analyzed for Total lead
Pipeline samples to be collected one sample per 20 lineal feet

UNDERGROUND TANK CLOSURE PLAN

*** Complete according to attached instructions ***

1. Business Name Peralta Community College Corporation Yard

   Business Owner Peralta Community College District

2. Site Address 501 - 5th Avenue

   City Oakland Zip 94606 Phone 510/466-7336

3. Mailing Address 333 East 8th Street

   City Oakland Zip 94606 Phone 466-7336

4. Land Owner same as #1

   Address ______ City, State ______ Zip ______

5. Generator name under which tank will be manifested

   PERALTA COMMUNITY COLLEGE DISTRICT

   EPA I.D. No. under which tank will be manifested CAD076567718

rev 3/92

6. Contractor R. S. Eagan & Co. Blanca

Address 1992 National Avenue Bob Corsin

City Hayward Phone 510/732-7300

License Type* A,B,C-8,C-10,C-61/D40 ID# 476428 expires 7-31-93

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

7. Consultant ACC Environmental Consultants

Address 1000 Atlantic Avenue, Suite 110

City Alameda 94501 Phone 510/522-8188

8. Contact Person for Investigation

Name Misty Kaltreider Title Geologist

Phone 510/522-8188

9. Number of tanks being closed under this plan 5

Length of piping being removed under this plan 50 ft

Total number of tanks at facility 8

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

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

a) Product/Residual Sludge/Rinsate Transporter

Name H&H Environmental Services EPA I.D. No. CAD004771168

Hauler License No. 0334 License Exp. Date 1-31-93

Address 220 China Basin

City San Francisco State CA Zip 94107

b) Product/Residual Sludge/Rinsate Disposal Site

Name same as a above EPA I.D. No.

Address

City State Zip

c) Tank and Piping Transporter

Name H&H Environmental EPA I.D. No. CAD004771168

Hauler License No. 0334 License Exp. Date 1-31-93

Address 220 Chinas Basin

City San Francisco State CA Zip 94107

d) Tank and Piping Disposal Site

Name same as c above EPA I.D. No. _____

Address _____

City _____ State _____ Zip _____

11. Experienced Sample Collector

Name Misty Kaltreider

Company ACC Environmental Consultants, Inc.

Address 1000 Atlantic Avenue, Suite 110

City Alameda State CA Zip 94501 Phone 510/522-8188

12. Laboratory

Name Chromalab, Inc.

Address 2239 Omega Road

City San Ramon State CA Zip 94583

State Certification No. Water 955; Hazardous Waste 238

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

If yes, describe. _____

14. **Describe methods to be used for rendering tank inert**

Dry ice and air eductor (20 lbs dry ice per 1,000-gallon tank)

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

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

15. **Tank History and Sampling Information**

Tank		Material to be sampled (tank contents, soil, ground-water, etc.)	Location and Depth of Samples
Capacity	Use History (see instructions) Installation date unknown All tanks abandoned-1981		
550 gallon	waste oil tank	soil (one sample) *groundwater	directly under tank 10 feet ▽ level in excavation
4000 gallon	gasoline	soil (2 samples) *groundwater	13 ft under fill & vent ends of tank at ▽ level in excavation
4000 gallon	gasoline	soil (2 samples)	13 ft. under fill & vent ends ▽ level in excavation
6000 gallon	gasoline	soil (2 samples) *groundwater	13 - 15 ft under each end of tank at ▽ level in excavation
6000 gallon	gasoline	soil (2samples)	13 - 15 under each end of tank at ▽ level of excavation

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

* If groundwater is encountered within excavation -- then a sample of the water will be collected.

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (Estimated) 200 c.y.	**Sampling Plan** One descrite sample will be taken every 50 yards of stockpiled soil and analyzed for parameter according to the August, 1990 The Regional Board Recommendations For Preliminary Evulation and Investigation of Underground Tank sites.

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

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

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

Contaminant Sought Waste Oil Tank	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
*TPH - gasoline	EPA Test Method 5030	EPA Test Method 8015	1.0 mg/kg
TPH diesel	EPA Test Method 3550/8015	EPA Test Method 8015(modified)	1.0 mg/kg
*BTEX	EPA Test Method 8020		5.0 mg/kg
Oil & Grease	EPA Test Method 5520		10 mg/kg
Clorinated Hydrocarbons	EPA Test Method 8240		5.0 mg/kg
Cadimum	EPA Test Method 7130	Test Method ICAP or AA	0.005 mg/kg
Chromium	EPA Test Method 7190	" " " "	0.05 mg/kg
Lead	EPA Test Method 7420	EPA Test Method ICAPor	AA 0.05 mg/kg
Nickel	Method 7520	Method ICAP or AA	0.04 mg/kg
Zinc	Method 7920	Method ICAP or AA	0.005 mg/kg
PCB's	Method 8270	Method ICAP or AA	0.05 mg/kg
PCB's	" "	" " "	0.05 mg/kg
PNA	Method 8270	Method ICAP or AA	0.05 mg/kg
Creosite	" "	" " "	0.05 mg/kg

*Anaylsis for samples collected under gasoline tanks (only)

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

18. Submit Worker's Compensation Certificate copy

Name of Insurer Republic Indemnity

19. Submit Plot Plan (See Instructions)

20. Enclose Deposit (See Instructions)

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

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

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

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

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

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

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

Signature of Contractor

Name (please type) Robert S. Corsun

Signature [signature]

Date 7-31-92

Signature of Site Owner or Operator

Name (please type) Tony Graciolett

Signature [signature]

Date July 30, 1992

REF./ A/C NO. —

COUNTY OF ALAMEDA
OFFICE OF THE AUDITOR-CONTROLLER

RECEIVED
SEP 22 1988
EAGAN & COMPANY

DA 9/20/88

MISCELLANEOUS RECEIPT

№ 528704

$900.00 DOLLARS

RECEIVED FROM: R.S. Eagan+Co 150-K Mason Circle, Concord, CA 94520

FOR: Peralta Community College Dist. Corp. Yard
501 Fifth St, Oakland, CA 94606

RECEIVED BY: [signature]

DEPT. NO.: 430-453

☐ CASH ☑ PERSONAL/CASHIER'S CHECK/M. O. # 7462 ☐ OTHER:

110-1 (Rev 10/85) [0134E (08)] 3-Part Distribution: White - Payor Yellow & Pink - Depart.

R. S. EAGAN & CO. CONCORD, CA 94520

7462

PERMIT	CORPORATION YARD	PERALTA	8119/44750	900.00

528704 9/20/88 mnc

HEALTH AND SAFETY PLAN

BACKGROUND INFORMATION

Owner:	Peralta Community College District 333 East 8th Street Oakland, CA 94606
Project Title:	Underground Tank Removal Old Corporation Yard
Site Address:	501 - 5th Avenue Oakland, CA 94606
Owner's Representative:	Misty Kaltreider ACC Environmental Consultants, Inc. 1000 Atlantic Avenue, Suite 110 Alameda, CA 94501 510/522-8188
Scope of Work:	Excavation and removal of five (5) existing underground storage tanks.
Working Hours:	7:00 a.m. to 4:00 p.m.
Site Description:	Peralta College District Facilities Corporation Yard
Current Uses:	Physical Plant and Maintenance of District facilities
Tanks To Be Removed:	Two (2) 6,000-gallon steel gasoline; One (1) 2,000-gallon steel gasoline (ethyl) tank; One (1) 2,000-gallon steel diesel tank; One (1) 550-gallon waste motor oil tank.
Disposition of Tank Contents:	Tanks currently contain water with some hydrocarbon. Liquid to be disposed of by H & H Environmental.
Tank Cleaning:	Tanks to be triple-rinsed using a high pressure washer. Rinseate to be contained in a vacuum truck and transported for disposal.

HAZARDS - DESCRIPTION, PROTECTION AND MONITORING

The following materials are known to be stored currently in the tanks to be removed:

Substance	Physical State	Warning Concentration	Routes of Exposure
Gas	Liquid		Inhalation Ingestion Absorption
Diesel	Liquid	.25	as above
Waste Oil	Liquid		as above

All Sites:
Demolition Equipment: Backhoes, hydraulic breaker, dump trucks, concrete saw, air compressor, jackhammers
Backfilling Equipment: Backhoes, vibratory compaction equipment, dump trucks

Potential Physical Hazards on site: Danger from exposure to gasoline, diesel and waste oil. Danger of injury due to excavation activities.

Overall Hazard Estimation: Low

Personal Protective Equipment: Work areas, during removal processes are designated no eating, drinking or smoking

Level of Protection: D

Equipment To Be Used: Hard hats, eye protection, hearing protection, long sleeve shirts and pants, leather boots with steel toes and gloves (optional).

When To Use: During all work operations

Direct Reading Monitoring Equipment

Equipment: GAS TECH 1314 Combustible Gas Meter

Location for Use: Tank atmosphere/excavation

When Used: Periodically throughout tank removal

Action Levels for Monitoring Results

Equipment: Combustible gas meter

Action Level: If tank atmosphere exceeds 20% L.E.L., add additional dry ice. Do not remove tank until atmosphere is less than 10% of L.E.L.

On-Site Organization and Coordination

The following personnel are designated to carry out noted job site functions:

Project Superintendent:		Jim Nichols
Excavation & Shoring	:	Tank Excavators, Inc.
Tank Hauling	:	H&H Environmental Services
City Representative	:	Fire Marshal's Office, Fire Prevention County
Representative	:	Paul Smith, Alameda County Environmental Health Department

Site Control

Control unauthorized entry of work site by use of barricades and construction tape flagging. Utilize existing site chain link fencing.

Emergency Medical Care and Procedures

Nearest Medical Facility (24-hr) (see map attached)	:	Kaiser Hospital 280 W. MacArthur Blvd, Oakland 510/428-5000
Emergency Phone Numbers:		Fire 911 Police 911 Ambulance 911

Emergency First Aid for Materials Present

Substance	Exposure Symptoms	First Aid
Gasoline-vapor	Choking, burning eyes/throat	Evacuate to clear air area, flush eyes with water
Gasoline-dermal	Burning eyes, skin dehydration	Flush with water for 15 minutes
Gasoline-ingested	Irritation of stomach intestines Nausea and vomiting	Do not induce vomiting Transport to hospital
Diesel-dermal	Burning eyes, skin dehydration	Flush with water for 15 minutes
Diesel-ingested	Irritation of stomach/intestines Nausea and vomiting	Do not induce vomiting Transport to hospital
Waste Oil-dermal	Burning eyes, skin dehydration	Flush with water for 15 minutes
Waste Oil-ingested	Irritation of stomach/intestines Nausea and vomiting	Do not induce vomiting Transport to hospital

Protective Equipment on Site (Levels C and D)

Air-purifying respirator, half-face organic vapor cartridges; disposal chemical resistant coveralls; gloves--inner and outer (chemical-resistant); boots--chemical-resistant, steel toe and shank; hard hat with face shield.

First Aid Equipment on Site

Equipment	Location
First Ait Kit	R. S. Eagan & Co. truck
Fire extinguisher	Within 100 feet of work area
Emergency eye wash	R. S. Eagan & Co. truck

On-Site Emergency Procedures

1. Personal injury or illness

Administer first aid; call ambulance, if necessary, transport to Kaiser Hospital

2. Fire or explosion

Turn off all motorized equipment; evacuate working area; meet at designated up-wind location

3. Earthquake

Turn off all motorized equipment; evacuate working area; meet at designated up-wind location

4. Hazardous material spill or release

Turn off all motorized equipment; evacuate work area in an up-wind direction of the spill or release; meet at designated up-wind location.

5. Personal protective equipment failure

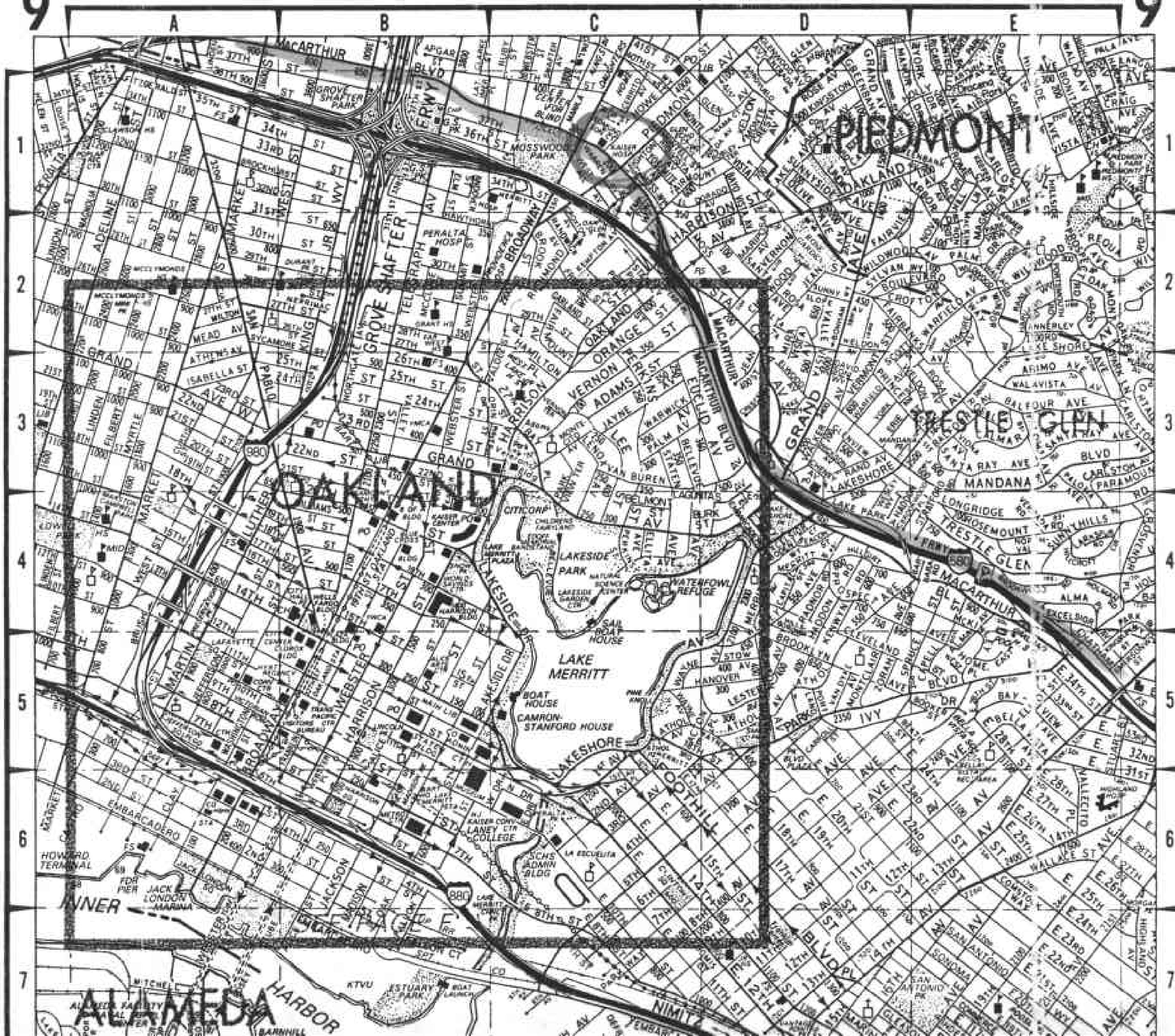
If any site worker experiences a failure or alteration of protective equipment that affects the protection factor, that person and his/her buddy shall immediately leave the Exclusion Zone. Re-entry shall not be permitted until the equipment has been repaired or replaced.

6. Other equipment failure

If any other equipment on site fails to operate properly, the project team leader and site safety officer shall be notified and then shall determine the effect of this failure on continuing operations on site. If the failure affect the safety of personnel or prevents completion of the work plan tasks, all personnel shall leave the Exclusion Zone until the situation is evaluated and appropriate actions taken.

FOR CONTINUATION SEE MAP 4

FOR CONTINUATION SEE MAP 7



FOR CONTINUATION SEE MAP 10

ALAMEDA CO.

DETAIL

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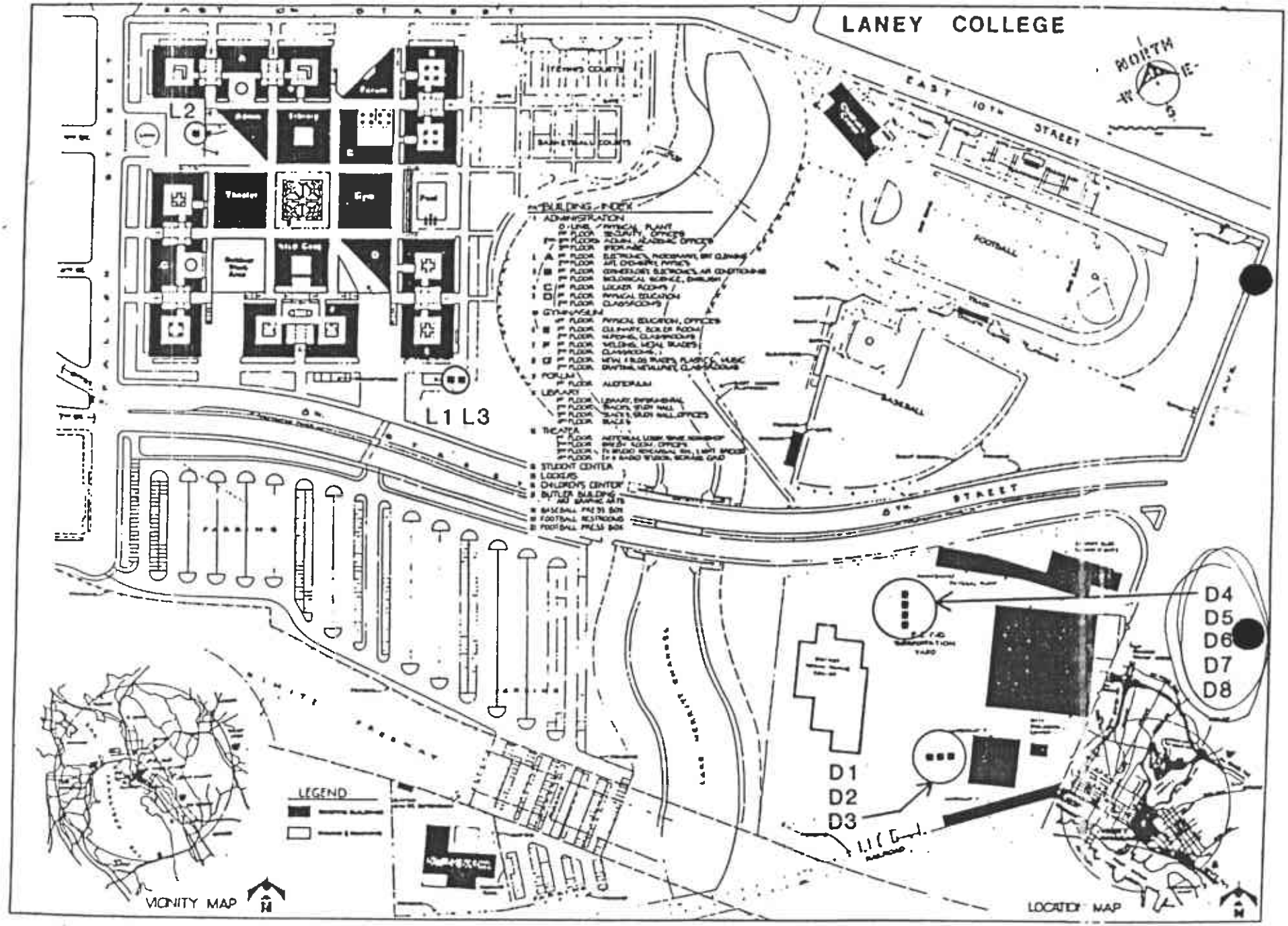
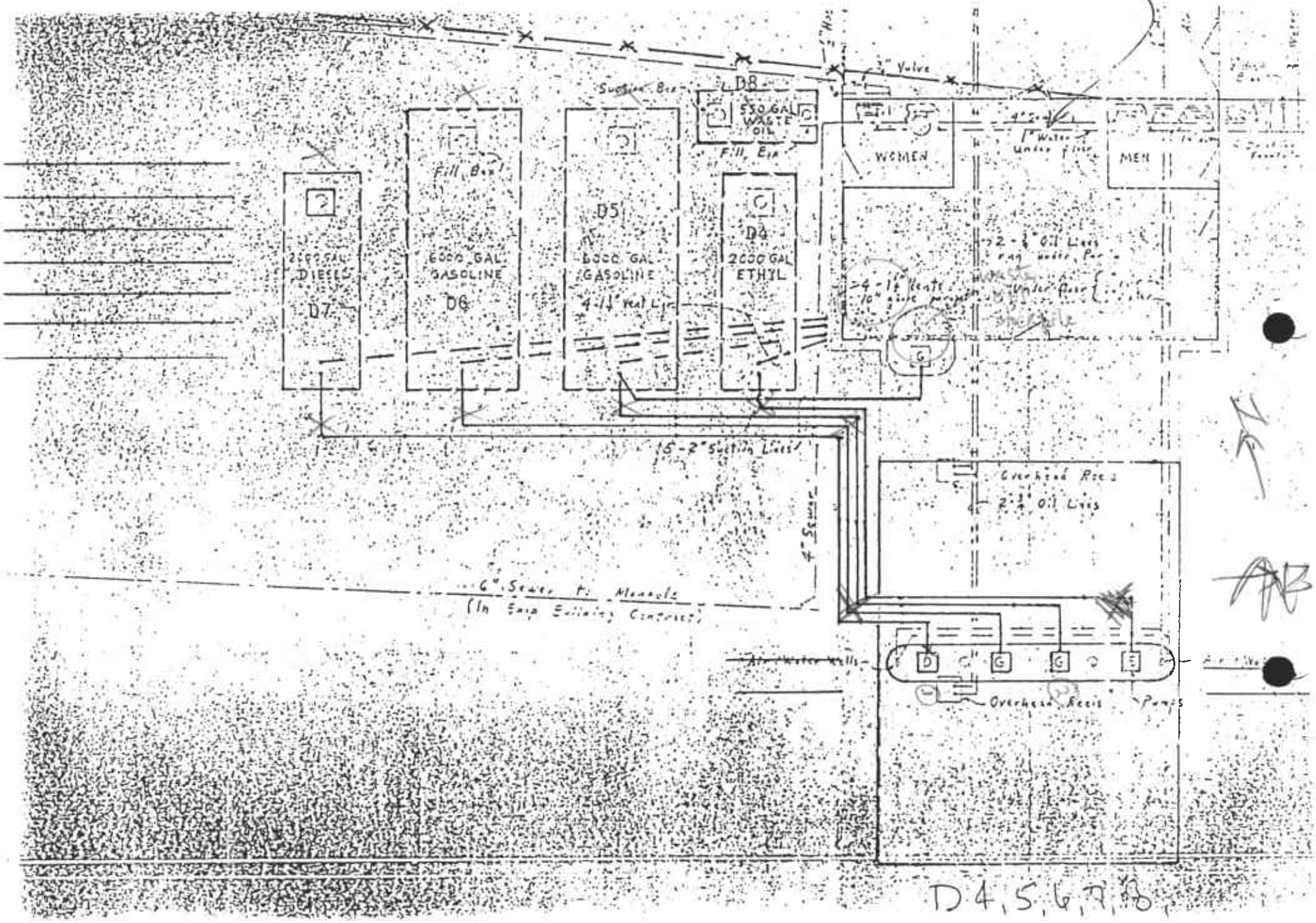
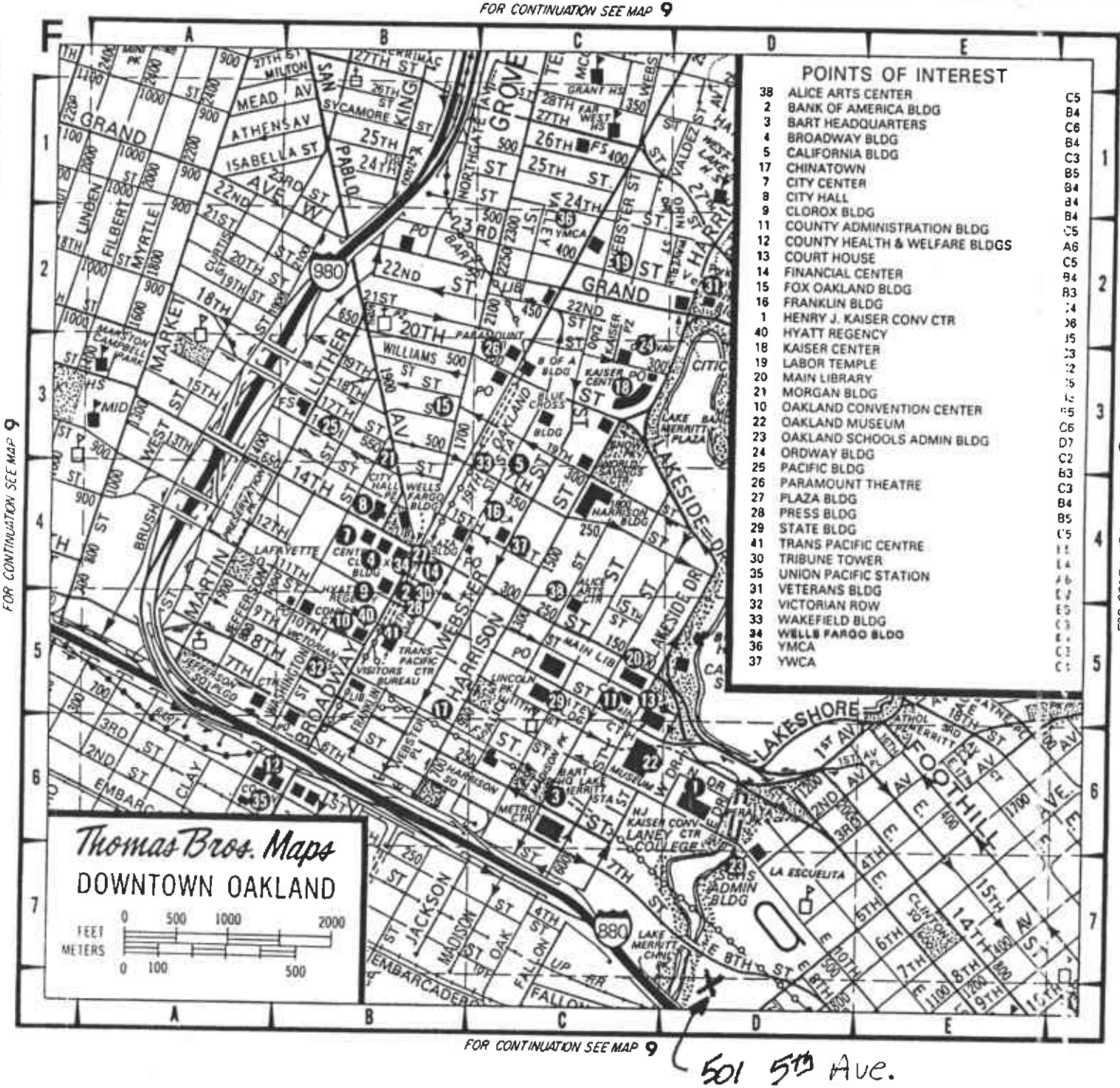

LANEY COLLEGE
NORTH
EAST 10th STREET
L2
L1 L3
10th STREET
D1
D2
D3
D4
D5
D6
D7
D8
LEGEND
VICINITY MAP
LOCATION MAP

BLDG. HAS BEEN DEMOLISHED.





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

DEPARTMENT OF
Consumer Affairs

Building Quality

HAZARDOUS SUBSTANCES REMOVAL AND REMEDIAL ACTIONS CERTIFICATION

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

DEPARTMENT OF CONSUMER AFFAIRS
REGISTRAR OF CONTRACTORS
STATE OF CALIFORNIA

Qualifier: ROBERT S. EAGAN

License No.: 476428

Namestyle: R. S. EAGAN & CO.

WITNESS *my hand and official seal this*
7TH *day of* FEBRUARY, 1990

David R. Kelley
Registrar of Contractors

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

13L-36 (7/88)

A3363

CONTRACTORS STATE LICENSE BOARD

License Number: 476428

Entity: CORP

Name/Namestyle: R S EAGAN & CO

Classification(s): A B C-8 C61/023

Expiration Date: 07/31/93

CONTRACTORS STATE LICENSE BOARD

License Number: 476428

Entity: CORP

Name/Namestyle: R S EAGAN & CO

Classification(s): C61/D40 HAZ

Expiration Date: 07/31/93

State of California

Contractors State License Board

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

R S EAGAN & CO

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

A - General Engineering Contractor, B - General Building Contractor, C-8 - Concrete, C10 - Electrical (General), C61/D23 - Medical Gas Systems, C61/D40 - Service Station Equipment & Maintenance

DEPARTMENT OF
Consumer Affairs

Witness my hand and seal this day,

March 13, 1990

Issued July 17, 1985
CERTIFIED COPY

David R Phillips
Registrar of Contractors

Signature of Licensee

Signature of License Qualifier

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

476428
License Number

13L-24 (REV. 1-89)

№ 248234

ACORD. CERTIFICATE OF INSURANCE

ISSUE DATE (MM/DD/YY): 10/21/91

PRODUCER

DREINI AND COMPANY
0 WEST 20TH AVENUE
SAN MATEO, CA 94403
(415) 573 - 1111

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURED

R.S. EAGAN & COMPANY
1992 NATIONAL AVENUE
HAYWARD, CA 94545-1787

COMPANIES AFFORDING COVERAGE

COMPANY LETTER A: REPUBLIC INDEMNITY
COMPANY LETTER B:
COMPANY LETTER C: (REVISED)
COMPANY LETTER D:
COMPANY LETTER E:

COVERAGES

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE 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. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
	GENERAL LIABILITY				GENERAL AGGREGATE	$
	COMMERCIAL GENERAL LIABILITY				PRODUCTS-COMP/OP AGG.	$
	CLAIMS MADE OCCUR.				PERSONAL & ADV. INJURY	$
	OWNER'S & CONTRACTOR'S PROT.				EACH OCCURRENCE	$
					FIRE DAMAGE (Any one fire)	$
					MED. EXPENSE (Any one person)	$
	AUTOMOBILE LIABILITY				COMBINED SINGLE LIMIT	$
	ANY AUTO					
	ALL OWNED AUTOS				BODILY INJURY (Per person)	$
	SCHEDULED AUTOS					
	HIRED AUTOS				BODILY INJURY (Per accident)	$
	NON-OWNED AUTOS					
	GARAGE LIABILITY				PROPERTY DAMAGE	$
	EXCESS LIABILITY				EACH OCCURRENCE	$
	UMBRELLA FORM				AGGREGATE	$
	OTHER THAN UMBRELLA FORM					
					STATUTORY LIMITS	
A	WORKER'S COMPENSATION AND EMPLOYERS' LIABILITY	PC 943153	9/24/91	9/24/92	EACH ACCIDENT	$ 1,000,000
					DISEASE—POLICY LIMIT	$ 1,000,000
					DISEASE—EACH EMPLOYEE	$ 1,000,000
	OTHER					

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS

*EXCEPT WITH RESPECT TO NON-PAYMENT, WHICH IS 10 DAYS.
ALL OPERATIONS PERFORMED BY OR FOR THE NAMED INSURED FOR THE CERTIFICATE HOLDER

CERTIFICATE HOLDER

ALAMEDA COUNTY HEALTH CARE SVC. AGENCY
SWAN , ROOM 200
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
OAKLAND, CA 94621

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL *30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

Thomas P. Dreini

©ACORD CORPORATION 1990

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

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

Hazardous Materials Inspection Form

II,III

Site ID # ____ Site Name PERALTA COLLEGES Todays Date 9/3/92

Site Address 501-5TH AVE

City OAKLAND Zip 94606 Phone ______

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

Inspection Categories:

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

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

Comments: WATER IN PIT
D6-6000 GAL GASOLINE
COVERED WITH ~~ASPHALT~~ CONCRETE BUT
NO HOLES NOTED, BROWN
LIQUID FLOATING ON WATER.
STRAPPED NO CORROSION.
MANIFEST # 9221789.3, HAULER#300932
SAND SURROUNDING TANK WAS MOSTLY
GRAY.
D7-2000 GAL DIESEL
WRAPPED WITH TAR PAPER
NO HOLES. BROWN LIQUID FLOATING
ON WATER. NO CORROSION HAULER# 300932
STRAPPED MANIFEST # 92217893
SAND SURROUNDING TANK WAS BLACK
D5-6000 GAL GASOLINE
SAND SURROUNDING TANK WAS
BLACK + HAD SHEEN + HYDROCARBON
ODOR FROM EXCAVATION, HAULER#300954.

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. MAT'LS

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

III. UNDERGROUND TANKS (Title 23)

General

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

Monitoring for Existing Tanks

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

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

New Tanks

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

Rev 6/88

II, III

Contact: ACC Environmental

Title: ______ Inspector: ______

Signature: [signature] Signature: [signature]

SUBMIT CLOSURE REPORT IN 60 DAYS.

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 PERALTA COLLEGE Today's Date 9/3/92

Site Address 501 5TH AVE

City OAKLAND Zip 94 606 Phone ________

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

Inspection Categories:

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

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

Comments: WATER IN PIT
D6- 6000 GAL GASOLINE
COVERED WITH ~~ASPHALT~~ CONCRETE BUT
NO HOLES NOTED, BROWN
LIQUID FLOATING ON WATER.
STRAPPED NO CORROSION.
MANIFEST # 92217893, HAULER# 300932
SAND SURROUNDING TANK WAS MOSTLY
GRAY.
D7-2000 GAL DIESEL
WRAPPED WITH TAR PAPER.
NO HOLES. BROWN LIQUID FLOATING
ON WATER. NO CORROSION HAULER# 300932
STRAPPED MANIFEST # 92217893
SAND SURROUNDING TANK WAS BLACK
D5- 6000 GAL GASOLINE
SAND SURROUNDING TANK WAS
BLACK + HAD SHEEN + HYDROCARBON
ODOR FROM EXCAVATION, HAULER# 300954.

II.A BUSINESS PLANS (Title 19)

___	1. Immediate Reporting	2703
___	2. Bus. Plan Stds.	25503(b)
___	3. RR Cars > 30 days	25503.7
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___	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. MAT'LS

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

III. UNDERGROUND TANKS (Title 23)

General

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

Monitoring for Existing Tanks

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

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

New Tanks

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

Rev 6/88

II, III

Contact: [illegible]

Title: ________

Signature: [signature]

Inspector: ________

Signature: [signature]

SUBMIT CLOSURE REPORT IN 60 DAYS.

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

Hazardous Materials Inspection Form

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

II,III

Site ID # ____ Site Name _____ Today's Date 9/3/92

Site Address 501-5TH AVE

City _____ Zip 94606 Phone _____

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

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

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

II.A BUSINESS PLANS (Title 19)

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

II.B ACUTELY HAZ. MATLS

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

III. UNDERGROUND TANKS (Title 23)

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

Rev 8/88

Comments:

D4-2000 GAL GASOLINE HAULER#300754
COVERED WITH CONCRETE-NO HOLES NOTED. NO CORROSION. STAINED SURROUNDING SAND WAS BLACK, BROWN LIQUID FLOATING ON WATER. MANIFEST#9221894
D8-550 GAL WASTE OIL
TANK ~~@~~ TOP WAS CUT OPEN + TANK CLEANED OUT PRIOR TO ARRIVAL
BILL OF LADING- TO: APPTECH, CHULA VISTA, CA. FROM: H+H. MANIFEST#92092443-USED OIL 265 GAL 9/1/92
O.F.D. - GARY COLLINS
MOBILE LAB- GEOCHEM
1 WATER SAMPLE COLLECTED AFTER EXCAVATING.
SAMPLES COLLECTED FROM SIDEWALLS OF EXCAVATION AT EACH END OF FUEL TANK & SOUTH END OF TANK
SAMPLES WERE COLLECTED IN FRONT OF WOOD SHORING WHICH WERE IN PLACE AT TIME OF TANK INSTALLATION. 2 SAMPLES COLLECTED AT BENDS ALONG PIPING.
SOIL SAMPLE COLLECTED UNDER WASTE OIL TANK

II, III

Contact: ACC Environmental

Title: _____ Inspector: _____

Signature: Mike Koltreider Signature: Don Hwang

ADDITIONALLY WALLS OF EXCAVATION COVERED WITH CEMENT SLURRY NEARLY ALL AROUND EXCAVATION

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 ______________ Today's Date 9 / 3 / 92

Site Address 501 - 5TH AVE

City ______ Zip 94606 Phone ______

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

Inspection Categories:

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

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

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)
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__	6. Emergency Response	25504(b)
__	7. Training	25504(c)
__	8. Deficiency	25505(a)
__	9. Modification	25505(b)

II.B ACUTELY HAZ. MATLS

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

III. UNDERGROUND TANKS (Title 23)

General

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

Monitoring for Existing Tanks

__ 6. Method
1) Monthly Test
2) Daily Vadose
Semi-annual gndwater
One time soils
3) Daily Vadose
One time soils
Annual tank test
4) Monthly Gndwater
One time soils
5) Daily Inventory
Annual tank testing
Cont pipe leak det
Vadose/gndwater mon.
6) Daily Inventory
Annual tank testing
Cont pipe leak det
7) Weekly Tank Gauge
Annual tank tstng
8) Annual Tank Testing
Daily Inventory
9) Other ______

__	7. Precis Tank Test Date: ______	2643
__	8. Inventory Rec.	2644
__	9. Soil Testing.	2646
__	10. Ground Water.	2647

New Tanks

__	11. Monitor Plan	2632
__	12. Access. Secure	2634
__	13. Plans Submit Date: ______	2711
__	14. As Built Date: ______	2635

Rev 6/88

Comments:

D4 - 2000 GAL GASOLINE, HAULER #30094
COVERED WITH CONCRETE - NO HOLES
NOTED. NO CORROSION. STRAPPED. SURROUNDING
SAND WAS BLACK. BROWN LIQUID
FLOATING ON WATER. MANIFEST #92217394
D8 - 550 GAL WASTE OIL
TANK TOP WAS CUT OPEN +
TANK CLEANED OUT PRIOR TO ARRIVAL
BILL OF LADING - TO: APPTECH,
CHULA VISTA, CA. FROM: H+H.
MANIFEST #92092443 - USED OIL 265 GAL 9/1/92
O.F.D. - GARY COLLINS
MOBILE LAB - GEOCHEM
1 WATER SAMPLE COLLECTED AFTER RECHARGING
SAMPLES COLLECTED FROM SIDEWALLS
OF EXCAVATION AT EACH END OF FUEL TANK, SOUTH END OF TANK
SAMPLES WERE COLLECTED IN FRONT
OF WOOD SHORING WHICH WERE IN PLACE
AT TIME OF TANK INSTALLATION. 2 SAMPLES
COLLECTED AT BENDS ALONG PIPING
SOIL SAMPLE COLLECTED UNDER WASTE OIL TANK

II, III

Contact: ACC Environmental
Title: ______
Signature: [signature]

Inspector: ______
Signature: [signature]

ADDITIONALLY WALLS OF EXCAVATION COVERED, WITH CEMENT SLURRY NEARLY ALL AROUND EXCAVATION

Onsite [redacted] Jim RS Eagen
misty ACC

9/4/92

Site visit to sample underneath former dispensors

The former tank excavation is noted to have a slight diesel odor. A dark colored soil was noted in the excavation ~~and~~ in the pipeline excavations.

Samples to represent possible contamination beneath the former dispensor were collected underneath the diesel dispensor and also underneath the third dispensor.

All samples (2) were to be analyzed for TPHg, TPHd, BTEX and total lead.

Sample #1 collected beneath what is thought to be the former diesel dispensor.

Sample #2 collected beneath what is thought to be the former gasoline dispensor. A gasoline odor was noted when this sample was collected.

Samples beneath dispensors collected at 3'

The presence of (28) 55 gal drums containing soil cuttings from a preliminary site assessment are stored on pallets ~~next to~~ in back of the facility

6 55 gallon drums are also stored on pallets next to the corrugated building.

One 55 gallon drum (next to the Laney stockpiled soil soil that ACC intends to put back into the Peralta college excavation) was noted, the drum was unlabelled and is ~~contains~~ contains an unknown material

7/14/92

A good amount of piping was noted still onsite which was associated with the 5 USTs.

I requested to Misty Kaltreider and also Jim w/ R.S. Eagen that the piping be appropriately removed from the site and that documentation should be provided in the closure report

R.S. EAGAN & CO.
1992 National Avenue
HAYWARD, CALIFORNIA 94545-1787
(510) 732-7300
FAX (510) 732-7304

LETTER OF TRANSMITTAL

DATE	JOB NO.
7-31-92	92/316

ATTENTION: Paul Smith

RE: Peralta College
501 - 5th Avenue
Oakland, CA 94606

TO Alameda County Health Care Services Agency
Hazardous Materials Division
80 Swan Way, Room 20
Oakland, CA 94621

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

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

COPIES	DATE	NO.	DESCRIPTION
3	sets		Underground Tank Closure Application to remove 5 tanks
			State Form A Receipt for $900.00 #528704
			State Form B (5)
			Health & Safety Plan
			Certificate of Insurance
			Plot Plan
			Contractor's License
			Hazardous Waste Certification
			Check #16775 $462.00

THESE ARE TRANSMITTED as checked below:

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

REMARKS We applied for this permit September 20, 1988. The Owner cancelled the project after permits had been applied for. Now, they have decided to go ahead and remove the tanks. I spoke with your Connie Matys in Accounting. She advised me to deduct the $900 we paid in 1988 and submit our check for the difference of the fee now in effect. Our Receipt #528704 for $900.00 and our Check #16775 for $462.00 are enclosed.

The Owner is anxious to begin work on this project. We would appreciate your approval as soon as possible. If you need more information, please call me.

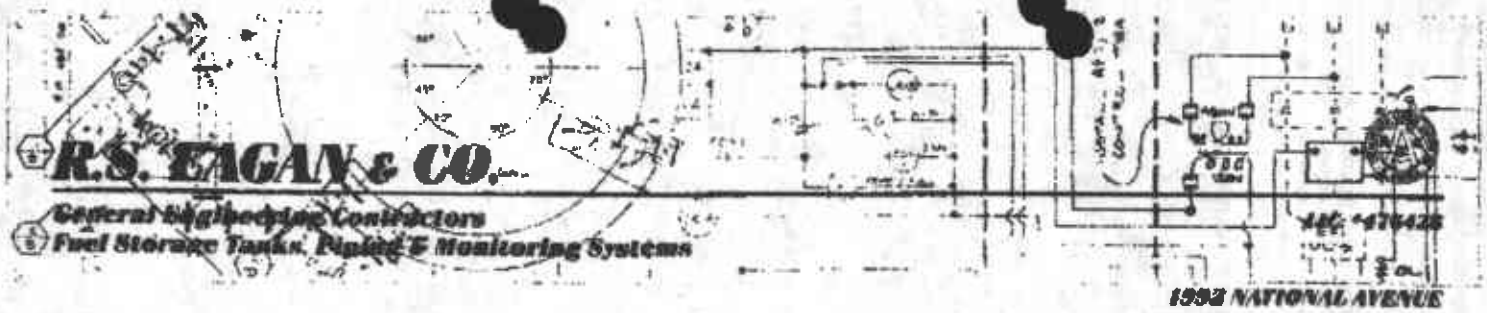
Thank you.

COPY TO _____

SIGNED: Blanca for Bob Corsun

PRODUCT 240 NEBS Inc., Groton, Mass. 01471

If enclosures are not as noted, kindly notify us at once.



R.S. EAGAN & CO.
General Engineering Contractors
Fuel Storage Tanks, Piping & Monitoring Systems
1992 NATIONAL AVENUE
HAYWARD, CA 94545-1787
(510) 732-7300
FAX (510) 732-7304

***** FAX TRANSMITTAL *****

Date: 8-27-92 No. of Pages: 1
(Including Cover Page)

To: Paul Smith Marlon Brandle

Company: Alameda County Health City of Oakland Fire

Fax No.:

Re: Peralta College
501 - 5th Avenue
Oakland 94606

We wish to schedule tank removal on Thursday, September 3rd at 8:00 a.m.

Please confirm.

✓

Don,
Is it possible that you
could oversee this tank removal
for 5 usts for me?
I have a three day training at
EPA next week.
Please let me know
Paul

From: R.S. EAGAN & CO.
Bianca for Bob Corsun

NOTE: Should there be any problems with or questions concerning this transmission, please call me at (510) 732-7300.

TOTAL P.01

R. S. EAGAN & CO.

Peralta Community College District
Tank Removal - Work Plan

Date	Day	Description
8/27	Thursday	Break up and stockpile existing concrete drive slab and fuel island. Protect and locate existing pipelines.
8/28	Friday	Excavate down to tank tops by trenching on centerline axis of tanks. Locate and protect existing piping. Hand excavate to expose piping and tank bungs. Stockpile soil, segregate and cover if contamination present.
8/31	Monday	Finish excavation to expose tank tops. Pump liquid out of tanks and wash tank interiors with high pressure hot water washer.
9/1	Tuesday	Continue excavation of tanks.
9/2	Wednesday	Continue excavation of tanks.
9/3	Thursday	Use crane to hoist tanks out of excavation and load on flatbed trucks. Haul tanks after inerting with dry ice. Haul under manifest and scrap at H&H Environmental. Provide Certificate of Disposal. Soil sampling and analysis by ACC, water sampling if necessary.
9/4	Friday	Complete any miscellaneous stockpile, cleanup, or removal work not completed earlier. Secure site and demobilize until soil analysis work completed.

Distribution: Bob Mibach, Peralta College
Misty Kaltreider, ACC Environmental
Paul Smith, Alameda County Health Inspector
Marlon Brandle, City of Oakland Inspector
Jeff Neely, R. S. Eagan & Co.

proj #304A

REF./ A/C NO.

OFFICE COUNTY OF ALAMEDA OF THE AUDITOR-CONTROLLER

RECEIVED SEP 2 1988

DATE: 9'20'88

MISCELLANEOUS RECEIPT

№ 528704

EAGAN & COMPANY

$900.00 DOLLARS

RECEIVED FROM: R.S. Eagan-Co 150-K Nagan Circle, Concord, CA 94520

FOR: Peralta Community College Dist. Colp. Yrds 501 Fifth Str, Oakland, CA 94606

RECEIVED BY: [signature]

DEPT. NO.: 430-153

☐ CASH ☑ PERSONAL/CASHIER'S CHECK/M. O. # 7462 ☐ OTHER:

110-1 (Rev 10/85) [0134E (OB)] 3-Part Distribution: White - Payor Yellow & Pink - Depart.

ACC

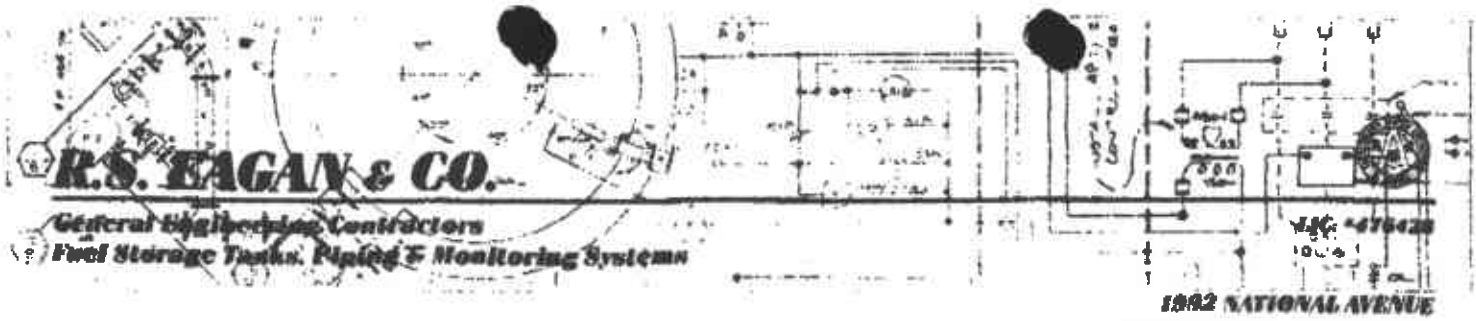
P.S. 7/28/92
Condyce says the balance is $870.00

T.B.

Tim,
I would let the guy use the existing funds for the UST. Hit him up for any additional funds needed.

Paul.

Please condyce on balance



R.S. EAGAN & CO.
General Engineering Contractors
Fuel Storage Tanks, Piping & Monitoring Systems
LIC. #476428
1992 NATIONAL AVENUE
HAYWARD, CA 94545-1787
(510) 732-7300
FAX (510) 732-7304

***** FAX TRANSMITTAL *****

PS

Date: 7-16-92 **No. of Pages:** 2 (Including Cover Page)

To: Connie Matys

Company: Alameda County Health

Fax No.:

Connie, we have a receipt (follows) for tank removal/installation at Peralta Community College. The project was cancelled, we never did the work, and we never requested for a refund of permit fees.

We just discovered this, because we hear rumblings that this project may come active again, and we will have to re-apply for permits.

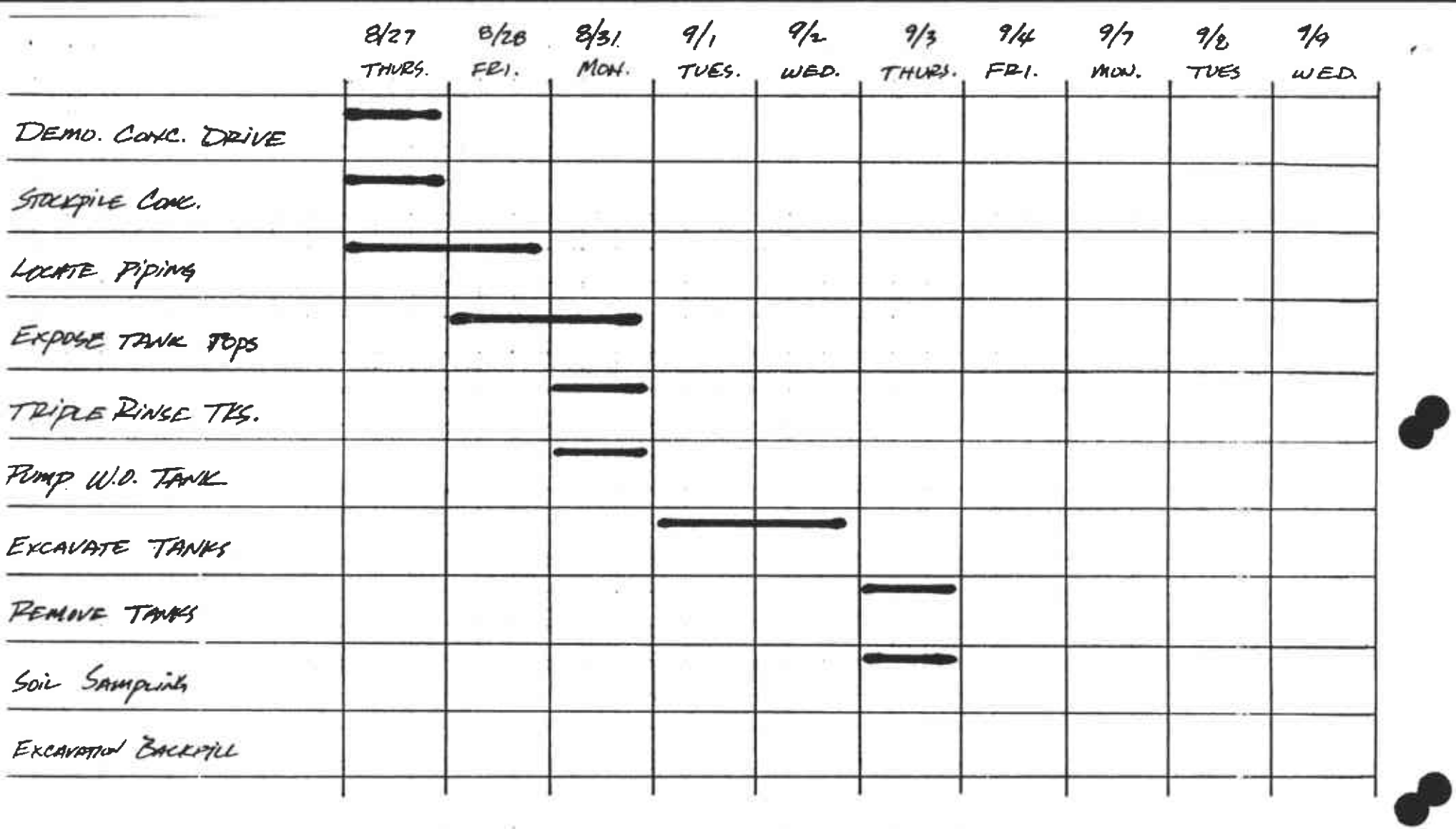
If indeed the project is activated, can we apply those fees to our new application? If the project is not a go, can we apply for a refund?

Please advise. Thank you.

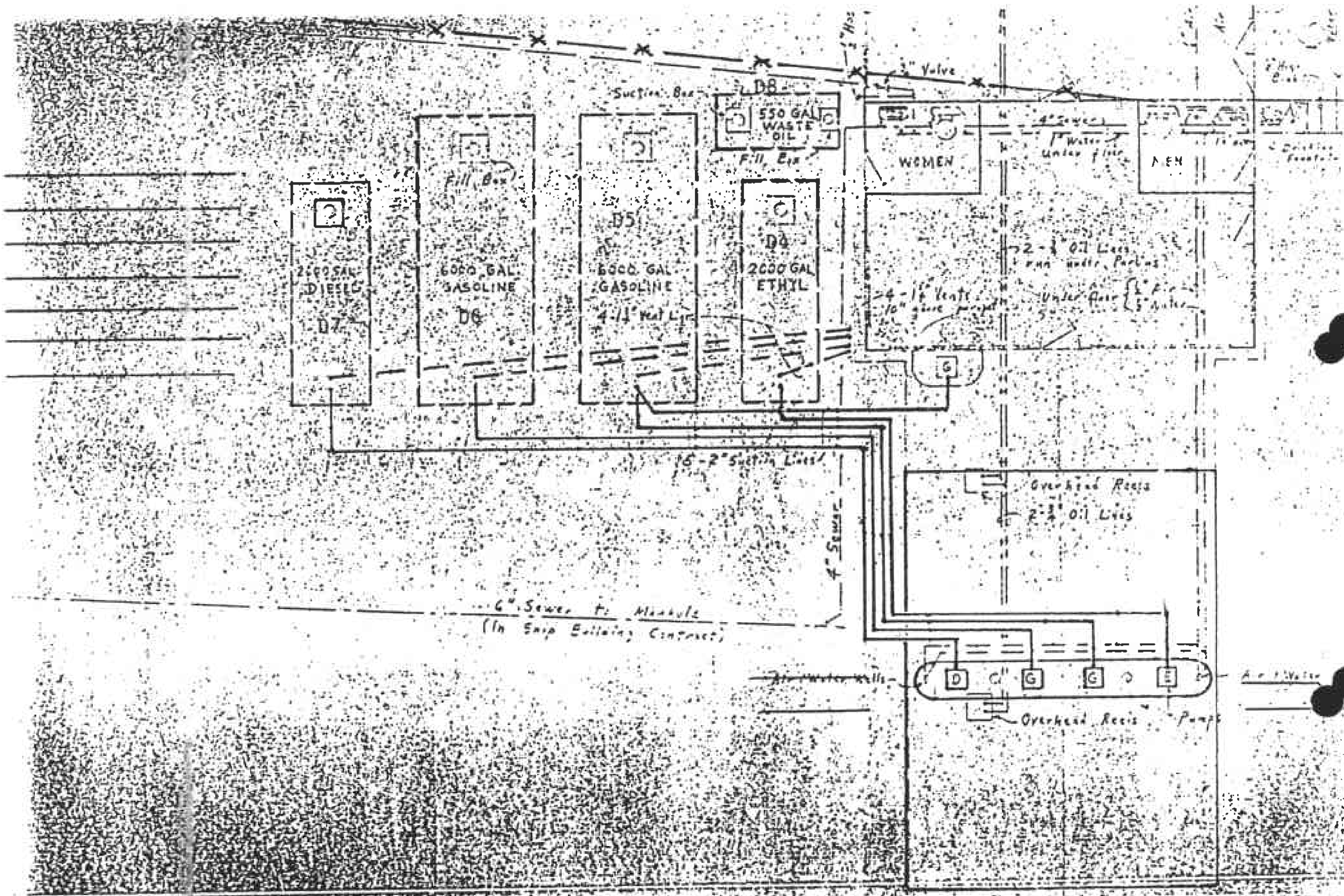
From: R.S. EAGAN & CO.

Blanca

NOTE: Should there be any problems with or questions concerning this transmission, please call me at (510) 732-7300.



PERALTA COLLEGE DISTRICT
CORPORATION YARD
TANK REMOVAL PROJECT
R.S. EAGAN & CO. 8/26/92


Suction Box
D8
550 GAL WASTE OIL
Fill Box
3" Valve
WOMEN
MEN
4" Sewer
1" Water
Under floor
Fill Box
D5
D4
2000 GAL DIESEL
D7
6000 GAL GASOLINE
D6
6000 GAL GASOLINE
4-1½" Vent Lines
2000 GAL ETHYL
2-¾" Oil Lines
4-1½" Vents
16-2" Suction Lines
4" Sewer
Overhead Reels
2-¾" Oil Lines
6" Sewer to Manhole
(In Shop Building Contract)
Air + Water
D
G
G
E
Overhead Reels
Pumps

D4,5,6,7,8