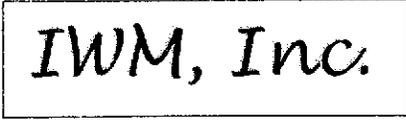


RO514



INTEGRATED WASTESTREAM MANAGEMENT, INC.
950 AMES AVENUE, MILPITAS, CA 95035
PHONE: 408.942.8955 FAX: 408.942.1499

Alameda County

DEC 09 2004

Environmental Health

CERTIFICATE OF DISPOSAL

Generator Name: Pacific Supply Company, LLC
Address: 5550 Roseville Road
North Highlands, CA 95660
Contact: c/o Pacific Coast Bldg. Products,
Attn: Normita Callison
Phone: 916-971-2690

Facility Name: Pacific Supply Company, LLC
Address: 1735 24th Street
Oakland, CA
Facility Contact: Michelle Floyd -- Frederick,
Brunsing Associates
Phone: 707-838-3027

IWM Job #:	<u>94414-DW</u>
Description of Waste:	<u>6 Drum(s) of</u> <u>Non-Hazardous</u> <u>Water</u>
Removal Date:	<u>4 October 2004</u>
Ticket #:	<u>SP041004-MISC</u>

Transporter Information

Name: IWM, Inc.
Address: 950 Ames Avenue
Milpitas, CA 95035
Phone: (408) 942-8955

Disposal Facility Information

Name: Seaport Refining & Environmental
Address: 675 Seaport Blvd
Redwood City, CA 94063
Phone: 650-364-6158

IWM, INC. CERTIFIES THAT THE ABOVE LISTED NON-HAZARDOUS WASTE WILL BE TREATED AND DISPOSED AT THE DESIGNATED FACILITY IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

William T. DeLon 
Authorized Representative (Print Name and Signature)

10/4/04
Date

ALAMEDA COUNTY ENVIRONMENTAL HEALTH DEPARTMENT
Division of Environmental Protection

1131 HARBOR BAY PARKWAY, SUITE 250
ALAMEDA, CA 94502-6577
Telephone (510) 567-6700 FAX (510) 337-9335

FACSIMILE COVER SHEET

Re 1734 24th St. Oakland / Pacific Supply

To: Michelle F. Fredarich 707 838-4420

From: Bonney Chan AEHCS (510) 567-6765

Date: 4/9/04

Notes: Thanks for the response. You can proceed
with the work per these modifications. Please inform
me when the work is scheduled.

B Chan

COM No.	REMOTE STATION	START TIME	DURATION	PAGES	RESULT	USER ID	REMARKS
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7499402045

ALAMEDA COUNTY ENVIRONMENTAL HEALTH DEPARTMENT
Division of Environmental Protection

1131 HARBOR BAY PARKWAY, SUITE 250
ALAMEDA, CA 94502-6577
Telephone (510) 567-6700 FAX (510) 337-9335

F A C S I M I L E C O V E R S H E E T

Re 1734 24th St. Oak land / Pacific Supply

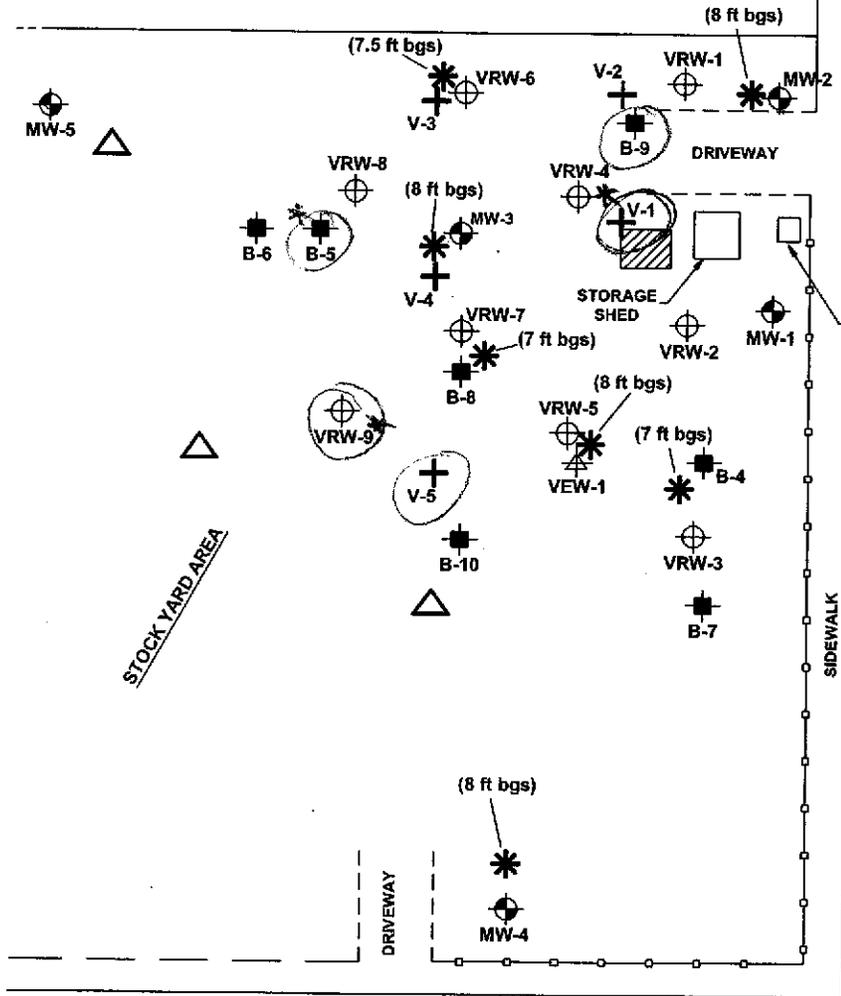
To: Michelle F. Friedrich 707 838-4420

From: Bonney Chan ACHS (510) 567-6765

Date: 4/9/04

Notes: Thanks for the response. You can proceed.

PACIFIC SUPPLY BUILDING



C & L Trucking

24th STREET

WILLOW STREET

LEGEND

- MW-6 Monitoring Well Location and Number
- VRW-9 Vapor Recovery Well Location and Number
- B-12 Soil Boring Location and Number (August 2000)
- B-10 Soil Boring Location and Number (March 1993)
- VEW-1 Vapor Extraction Well Location and Number
- V-5 Soil Gas Sampling Location and Number
- Former UST Locations
- Proposed confirmation soil sample locations (sample collection depth)
- Soil parameters sample locations

Yellow Cab



APPROXIMATE SCALE (FEET)



Brunsing Associates, Inc.
 5803 Skylane Blvd., Suite A
 Windsor, California 95492
 Tel: (707) 838-3027

Job No.: 29

Appr.: *[Signature]*

Date: 1/27/04

PROPOSED SOIL BORING LOCATIONS

PACIFIC SUPPLY COMPANY
 1734 24th Street
 Oakland, California

PLATE

3

BRUNSG ASSOCIATES, INC.

Ro514

Brunsg Associates, Inc.
P. O. Box 588
Windsor, CA 95492
(707) 838-3027



BACE Geotechnical
P. O. Box 749
Windsor, CA 95492
(707) 838-0780



BACE Analytical & Field Services
P. O. Box 838
Windsor, CA 95492
(707) 838-8338



FAX FOR ALL DIVISIONS (707) 838-4420

FACSIMILE COVER SHEET

Ref.: Project #

TO: Barney Chan

FROM: Michelle Floyd Frederick

COMPANY: ACHCS

DATE: 4/5/04

FAX NO.: (510) 337-9335

PAGES: 4

SUBJECT: Response to March 2, 2004 letter

COMMENTS/MESSAGE

If you encounter any problems with this fax, please call (707) 838-0780.



Ro 5146
Brunsing Associates, Inc.

April 5, 2004

Project No. 29

Mr. Barney Chan
Hazardous Materials Specialist
Alameda County
Health Care Services Agency

Alameda County

APR 21 2004

Environmental Health

Response To March 2, 2004 Letter
1735 24th Street
Oakland, California

Dear Mr. Chan:

This letter provides a response to the technical comments presented in your March 2, 2004 letter regarding the Pacific Supply Company property located at 1735 24th Street, in Oakland, California.

Response to Comment 1—

BAI will continue to submit the analytical results to the Geotracker database, including the analytical and quality control data.

Response to Comment 2—

In the event that several unique soil types are observed during drilling, an additional soil sample will be collected. Please note that it may be difficult in the field to anticipate whether or not future borings will encounter similar or different soil types. The predominate soil types in the borings may not be obvious until the conclusion of the drilling.

Response to Comment 3—

Per the request in your March 2, 2004 letter, BAI will include the three additional borings that you marked on the modified Plate 3. Your letter did not specify the depth at which samples should be collected, thus the samples will be collected at approximately 7 to 8 feet bgs, unless we are otherwise directed. The soil samples

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director

March 2, 2004



ENVIRONMENTAL HEALTH SERVICES

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

Ms. Normita Callison
Pacific Coast Companies, Inc.
5550 Roseville Road
North Highlands, CA 95660

Dear Ms. Callison:

Subject: Fuel Leak Case RO0000514, 1735 24th St., Oakland, CA 94607

Alameda County Environmental Health staff has reviewed the case file for the subject site including the January 29, 2004 *Soil Parameters and Confirmation Soil Sampling Workplan and Sensitive Receptor Survey Report* by Brunsing Associates, Inc. This report contains results and proposals, which respond to my previous November 6, 2003 letter. We generally approve of the soil parameter and confirmation sampling work plan, however, we request that you address the following technical comments when performing this work and submit the technical reports requested below.

TECHNICAL COMMENTS

1. Our office has received the GPS surveying data for onsite wells. You are reminded to have your laboratory submit their analytical and quality control data for all future sampling events to Geotracker, as well.
2. Your proposal to take soil samples from three (3) locations outside the impacted area at depths where the original contamination was detected is approved. Within this soil depth range, note that if several unique soil types are found, an additional soil sample will be required.
3. Our office has reviewed the previous soil, SSSL and ESL data. We also examined the historic vapor analytical data and conclude these results also represent potential areas of concern, which will require confirmation sampling. In addition, we do not concur that the former locations of B-5 and B-9 need not be sampled. However, we acknowledge that you may be able to sample a single location that is near several formerly impacted areas, thereby reducing the number of samples needed. With this in mind, our office requests three (3) additional sample locations, as indicated in the modified Plate 3 attached. Please run the soil samples for TPHg, BTEX and MTBE. Please also collect one groundwater sample from the boring nearest the former UST and analyze similarly.
4. Your report states that underground sanitary pipes exist in the general east/west direction along 24th St., however, the reduced figure indicates storm system lines run along 24th. Please clarify and provide your interpretation of these utilities potential for preferential pathways based upon their depth.

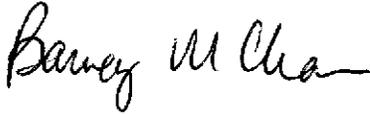
TECHNICAL REPORT REQUEST

- Please respond to the technical comments in writing and provide your semi-annual groundwater monitoring report within 30 days or by April 5, 2004.

March 2, 2004
Ms. Normita Callison
RO0000514, 1735 24th St., Oakland, CA 94607
Page 2 of 2

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

Sincerely,

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

Barney M. Chan
Hazardous Materials Specialist

Attachment

C: B. Chan, D. Drogos
Ms. D. Dickerson, Brunsing Associates, Inc., P.O. Box 588, Windsor, CA 95492
1735 24th 3_02_04

Chan, Barney, Env. Health

From: Michelle Frederick [michellef@brunsing.com]
Sent: Tuesday, January 20, 2004 3:46 PM
To: Chan, Barney, Env. Health
Subject: 1735 24th Street in Oakland

R0514

Hi Barney,

I am preparing the confirmation soil sampling/soil type analysis for the site located at 1735 24th Street in Oakland. I have compared the soil data to the Oakland Tier 2 SSTLS for BTEX in silty sands and to the SFRWQCB lookup Table B (shallow soils where groundwater is not a source of drinking water) for TPH gasoline. After reviewing the data, I have a few questions that I would like to have your opinion on before I write the workplan.

Question 1. I was wondering if you want a confirmation sample at every soil location that exceeded the SSTLS or the SFRWQCB Table B before remediation; or would it be sufficient to just get confirmation samples at several of the locations that were the hottest prior to remediation and then extrapolate for unsampled area.

Question 2. Hydrocarbons were reported in soil samples collected during the installation of monitoring wells MW-4 and MW-6 in 1988 and 1989, respectively. These wells were installed to monitor for off-site contamination coming from removed USTs at the Yellow Cab Company (this is discussed in BAIs "Report of Findings, Soil and Groundwater Investigation" dated November 30, 1990). No vapor extraction wells were placed in this area because the contamination is believed to be related to the Yellow Cab Company. Do you know what the status of the Yellow Cab Company's remediation efforts are? Do you expect confirmation soil samples to be collected from this area as part of the workplan?

I appreciate you taking the time to answer these questions. I'm sure that it will help make the workplan, and future work at the site more efficient.

I look forward to your response.

Best,
Michelle

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

From: Chan, Barney, Env. Health [mailto:barney.chan@acgov.org]
Sent: Monday, December 01, 2003 2:05 PM
To: Michelle Floyd Frederick
Subject: FW: Active Soil gas Advisory

FYI,
Barney Chan
ACEH
510-567-6765

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

From: Seery, Scott, Env. Health
Sent: Tuesday, June 10, 2003 11:24 AM
To: Amir Gholami; Ariu (E-mail); Barney Chan; Don Hwang; Donna Drogos;
Earlene Coleman-Ali (E-mail); Eva Chu; Garcia, Roseanna, Env. Health
Cc: 'Roger Brewer' (E-mail)

Subject: FW: Active Soil gas Advisory

I recently inquired of the SFRWQCB regarding this guidance from the LA board. The topic arose because a consultant on a Hayward project was proposing its use. Apparently, it looks like a tool we are encouraged to use, at least at SLIC sites.

Should we be using it at LOP sites, too? Comments?

--S.

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

From: Roger Brewer [mailto:Rdb@rb2.swrcb.ca.gov]

Sent: Monday, June 09, 2003 5:04 PM

To: sseery@co.alameda.ca.us

Cc: Chuck Headlee

Subject: Re: Active Soil gas Advisory

Attached is a copy of the document. We have been recommending its use at SLIC sites.

Roger

>>> "Seery, Scott, Env. Health" <sseery@co.alameda.ca.us> 06/09/03 03:43PM >>>

Hi Chuck

I have a consultant's proposal that cites a LA RWQCB advisory document

-
"Active Soil Gas Investigations" - dated 12/20/02 as a basis for their work plan scope

Are you familiar with this?

Could it have some merit in this region??

Scott

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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

November 6, 2003

Ms. Normita Callison
Pacific Coast Building Products
5550 Roseville Road
North Highlands, CA 95660

Dear Ms. Callison:

Subject: Fuel Leak Case RO0000514, 1735 24th St., Oakland, CA 94607

Alameda County Environmental Health, Local Oversight Program (LOP) staff has reviewed the case file for the referenced site including the July 29, 2003 Groundwater Monitoring Report June 2003, and Site Closure Request June 2003 prepared by Brunsing Associates, Inc. This report was intended to respond to the County's May 6, 2003 letter. The report recommends that site closure be requested. Our office does not concur with this request. We request that you proceed with the November semi-annual groundwater monitoring as stated in the May 6, 2003 and in addition, please address the following technical comments and submit the technical reports requested below.

TECHNICAL COMMENTS

1. It appears that the GPS surveying of all wells at this site has not yet been done as requested in the May 2003 letter. As of the date of this letter, no report of this nature has been submitted to the Geotracker data base.
2. The soil type assumed for this site and used for the Tier 2 Risk Assessment is clayey silts, however, no data verifying this soil type has been submitted to our office. In addition, the qualitative description of soil type in boring logs is mainly that of silty sand.
3. The "sudden" decrease of TPHg and BTEX in groundwater from the 5/02 to the 6/03 monitoring events is not representative of natural attenuation. A plot of concentration versus time for the various contaminants and a mathematical interpretation would better illustrate whether this degradation is occurring.
4. Although groundwater contaminant concentrations have decreased in recent monitoring events, you are still required to perform verification soil sampling after shut down of your remediation system. Please identify locations that historically exceeded soil environmental screening levels and provide a confirmatory sampling work plan.
5. A utilities/ preferential pathway and sensitive receptor survey should be performed for both on and off-site.
6. The risk assessment provided did not evaluate total petroleum hydrocarbons. The City of Oakland ULR document does not evaluate this parameter. Please provide such an evaluation of the residual TPH. As a guide, you may use the screening levels in the SFRWQCB document, *Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater, July 2003*.

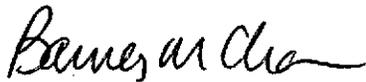
November 6, 2003
Fuel Leak Case RO0000514
1735 24th St., Oakland, CA 94607
Ms. Normita Callison
Page 2 of 2

Please submit the following technical reports according to the schedule below.

- December 8, 2003- Groundwater Monitoring Report
- January 12, 2004- Utilities/receptor survey, soil sampling work plan, Geotracker well surveying report, soil type characterization results, graphical and mathematical interpretation of groundwater data and human health risk evaluation of residual TPH.

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

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, D. Drogos
Ms. D. Dickerson, Brunsing Associates, Inc., P.O. Box 588, Windsor, CA 95492
1735 24thSt resp

R0514

BRUNSG ASSOCIATES, INC.

Brunsg Associates, Inc.
P. O. Box 588
Windsor, CA 95492
(707) 838-3027



BACE Geotechnical
P. O. Box 749
Windsor, CA 95492
(707) 838-0780



BACE Analytical & Field Services
P. O. Box 838
Windsor, CA 95492
(707) 838-8338



FAX FOR ALL DIVISIONS (707) 838-4420

FACSIMILE COVER SHEET

Ref.: Project #

TO:

Barney Chan

FROM:

Michelle Lloyd-Federick

COMPANY:

Alameda County Health
Care Services

DATE:

6/11/03

FAX NO.:

910-337-9335

PAGES:

3

SUBJECT:

COMMENTS/MESSAGE

If you encounter any problems with this fax, please call (707) 838-0780.



Brunsing Associates, Inc.

R0514

June 10, 2003

Project No. 29

Mr. Barney Chan
Alameda County Health Care Services
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Alameda County

JUN 13 2003

Environmental Health

**Request for Extension on the Semi-Annual Groundwater Monitoring Report
Pacific Supply Company
1735 24th Street
Oakland, California**

Dear Mr. Chan:

Per your letter dated May 6, 2003, Brunsing Associates, Inc. (BAI) has sampled wells MW-1, MW-2, MW-3, and VRW-1 through VRW-9 at the Pacific Supply Company Site. The sampling was completed on June 10, 2003. The original timeline in your letter dated May 6, 2003 requested that the first semi-annual groundwater report for 2003 and the Feasibility Study/Corrective Action Plan (FS/CAP) be completed June 16, 2003. BAI requests an extension for submittal of the groundwater monitoring report.

In your May 6, 2003 letter, you indicated in bullet number three that restarting or modifying the existing remediation system should be considered. However, the system was decommissioned in December of 1996. The paragraph below provides a brief summary of the significant dates associated with the remediation system, according to the information provided in BAI's semi-annual monitoring report dated July 23, 1998.

The vapor extraction system was installed in the Fall of 1993 and began operation on December 26, 1993. On June 28, 1996, the treatment system was shut down with the concurrence of Pacific Supply Company. Prior to shut-down, the system had destroyed an estimated 6,550 pounds of petroleum hydrocarbons. After the shut-down, the permit with the Bay Area Air Quality Management District expired on September 1, 1996 and was not renewed. The water discharge permit was discontinued on July 31, 1996. In December 1996, the system shut-

Mr. Barney Chan
June 10, 2003
Page 2

down and decommissioning was approved by Jennifer Eberle of the Alameda County Department of Health Services.

Based on your recent conversation with Ms. Normita Callison and the fact that the remediation system has been previously decommissioned, BAI anticipates comparing the results of the June 2003 groundwater sampling event to the Oakland Risk Based Closure Action (RBCA) levels. The RBCA levels will be used to evaluate if significant human health risks would be associated with leaving petroleum hydrocarbon on sites in lieu of preparing a FS/CAP. This evaluation process will be based on the analytical results of the June 2003 groundwater monitoring and thus will require additional time for the evaluation to be completed. BAI requests that the submittal date of the first 2003 semi-annual groundwater monitoring report be extended to July 31, 2003, to provide adequate time to prepare a cohesive site history and to compare the monitoring results to the RBCA standards.

I appreciate your understanding in this matter. If you have any questions or comments regarding this request, please do not hesitate to contact me at (707) 838-3027.

Sincerely,



Michelle Floyd Frederick
Project Engineer

Cc: Ms. Normita Callison



ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



May 6, 2003

ENVIRONMENTAL HEALTH SERVICES

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

Ms. Normita Callison
Pacific Coast Building Products
5550 Roseville Road
North Highlands, CA 95660

Dear Ms. Callison:

Subject: Fuel Leak Case RO0000514, 1735 24th St., Oakland, CA 94607

Alameda County Environmental Health, Local Oversight Program (LOP) staff has reviewed the case file for the referenced site including the September 17, 2002 Groundwater Sampling Event May 15 through May 17, 2002 from Brunsing Associates, Inc. In addition to commenting on the proposed monitoring schedule and CAP/FS (Corrective Action Plan/Feasibility Study), please address the following technical comments and submit the technical reports requested below.

Technical Comments

1. Groundwater Monitoring- a modified groundwater sampling plan is proposed for semi-annual sampling of wells MW1, MW2 and VRW-2 through VRW-9. Wells MW-4 through MW-7 are proposed not to be sampled because of historic monitoring results. We concur with this sampling frequency and request that you include MW-3 and VRW-1 in your sampling plan. I understand that VRW-1 may need to be uncovered to gain access. These wells should be sampled for TPHg and BTEX.
2. We concur with the proposal to perform the GPS technique to survey all wells, monitoring and remediation. Therefore, monitoring reports should include a groundwater gradient map with the elevation of all wells. You are reminded to submit electronic reports to the GeoTracker data base as required by AB2886.
3. The May 2002 monitoring event was done to determine the effectiveness of the vapor extraction system active from 12/93-6/96. These results indicate that residual petroleum contamination remains near wells VRW-8 and VRW-2 through VRW-4. Sampling notes indicate groundwater with a sheen and petroleum hydrocarbon odor present in these wells. Because of these results, additional work will be necessary prior to site closure consideration. To determine what actions may be appropriate, a FS/CAP is proposed. Minimally, restarting or modifying the existing remediation system should be considered.
4. You are reminded to comply with the submittal of the technical information requested previously in my August 6, 2001 letter. A summary of historic analytical data and figures noting their locations will be required for your human health risk assessment (HHRA) and the HHRA should be provided prior to your site closure request.

Technical Report Request

- June 16, 2003- First semi-annual monitoring report for 2003 and FS/CAP
- November 117, 2003- Second semi-annual monitoring report for 2003

May 6, 2003
Ms. Normita Callison
RO0000514
1735 24th St., Oakland, CA 94607
Page 2

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

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, D. Drogos
Ms. Diana Dickerson, Brunsing Associates, Inc., P.O. Box 588, Windsor, CA 95492
MonFS1735 24th St

RO514 BARNEY



State Water Resources Control Board



Winston H. Hickox
Secretary for
Environmental
Protection

Division of Clean Water Programs
1001 I Street • Sacramento, California 95814
P.O. Box 944212 • Sacramento, California • 94244-2120
(916) 341-5757 • FAX (916) 341-5806 • www.swrcb.ca.gov/cwphome/ustef

Gray Davis
Governor

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

JAN 29 2002

January 23, 2002

Pacific Supply-Oakland
5550 Roseville Rd
North Highlands, CA 95660

**PRE-APPROVAL OF CORRECTIVE ACTION COSTS, CLAIM NO. 002343, PA # 2
SITE ADDRESS: 1735 24TH ST, OAKLAND, CA 94607**

I have reviewed your request, received on January 7, 2002, for pre-approval of corrective action costs. I have included a copy of the "Cost Pre-Approval Request" form; please use this form in the future for requesting pre-approval of corrective action costs.

With the following provisions, the total cost pre-approved as eligible for reimbursement for completing the December 21, 2001, Brunsing Associates, Inc.'s proposal for work requested work by the Alameda County EHD (County) in their June 6, 2001 letter, is \$ 11,432; see the table below for a breakdown of costs.

Be aware that this pre-approval does not constitute a decision on reimbursement: **necessary** (as determined by the Fund) corrective action costs for action work **directed and approved by the County** will be eligible for reimbursement at costs consistent with those pre-approved in this letter. However, depending on what happens in the field, some costs may not actually be necessary.

In an effort to expedite future reimbursement requests associated with the implementation of the corrective action tasks pre-approved in this letter, we ask that the attached 'Pre-Approval Specific Reimbursement Request Form' be completed, updated and submitted with each reimbursement request. All relevant supporting documentation must also be included with each reimbursement request.

In order for future costs for corrective action to be part of the expedited reimbursement process, they must be pre-approved in writing by Fund staff.

All costs for corrective action must meet the requirements of Article 11, Chapter 16, Underground Storage Tank Regulations in order to be eligible for reimbursement.

JAN 29 2002

COST PRE-APPROVAL BREAKDOWN

#	Task*	Amount Pre-Approved	Comments
1	Sample 10 - 4" Wells	\$4,771	This cost includes all time and materials associated with this task. (Sample 10-4" wells, analytical and labor, etc.)
2	Report	\$1,458	Copies of all reports must be submitted to the Fund.
3	Water Disposal	\$1,268	Copies of all disposal manifests must be submitted to the Fund.
4	Well Survey & Risk Assessment	\$3,935	Copies of all reports must be submitted to the Fund.
	TOTAL PRE-APPROVED	\$ 11,432	

* Task descriptions are the same as those identified in Brunsing Associates, Inc.'s December 21, 2001 cost estimate.

- Only the tasks/costs reflected on the above table are pre-approved at this time. The Fund will review any tasks/costs that go beyond the pre-approved amount to be determined if the additional tasks and costs are necessary and reasonable. However, if costs exceed the above pre-approved amounts, the Fund will be unable to expedite your Reimbursement Request.
- The work products must be acceptable to the County and the Regional Water Quality Control Board.
- If a different scope of work becomes necessary, then you must request pre-approval of costs on the new scope of work.
- Although I have referred to the Brunsing Associates, Inc. proposal in my pre-approval above, please be aware that you will be entering into a private contract: the State of California cannot compel you to sign any specific contract. This letter **pre-approves the costs** as presented in the proposal dated December 21, 2001 by Brunsing Associates, Inc. for conducting the work requested by the County.

I also want to remind you that the Fund's regulations require that you obtain at least three bids, or a bid waiver from Fund staff, from qualified firms for all necessary future corrective action work. If you need assistance in procuring contractor and consultant services, don't hesitate to call me.

Please remember that it is still necessary to submit the actual costs of the work as explained in the Reimbursement Request Instructions to confirm that the costs are consistent with this pre-approval before you will be reimbursed.

Please insure that your consultant prepares their invoices to include the required breakdown of costs on a time and materials basis, that invoiced tasks are consistent with the original proposal, and that reasonable explanations are provided for any changes made in the scope of work or increases in the costs. When the invoices are submitted you must include copies of all:

- *subcontractor invoices,*
- *technical reports, when available, and*
- *applicable correspondence from the County.*

Please call if you have any questions; I can be reached at (916) 341-5757.

Sincerely,

Sunil Ramdass.

Sunil Ramdass, Water Resources Control Engineer
Technical Review Unit
Underground Storage Tank Cleanup Fund

Enclosure

cc: Ms. Susan Hugo
Alameda County EHD
1131 Harbor Bay Pkway, 2nd Fl.
Alameda, CA 94502-6577

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

December 3, 2001
StID 3826/RO0000514

Ms. Normita Callison
Pacific Coast Building Products
5550 Roseville Road
North Highlands, CA 95660

**Re: Proposal for Groundwater Sampling at Pacific Supply Company,
1735 24th St., Oakland CA94607**

Dear Ms. Callison:

Our office has received and reviewed the November 27, 2001 Proposal for Groundwater Sampling prepared by Brunsing Associates, Inc., your consultant. In a response to my prior request to sample wells at this site to obtain current groundwater concentrations, this proposal was presented. Brunsing recommends sampling eight of the nine vapor recovery wells and MW-1 and MW-2. The other wells are either not accessible or have a history of low to non-detectable contaminant concentrations. This monitoring proposal is acceptable.

You are reminded that these monitoring results are only part of the items requested in my August 6, 2001 letter. Please address these additional items and submit the entire information package along with the monitoring results.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. C. Schwab, Brunsing Associates, P.O. Box 588, Windsor, CA 95492

Monitoring1735 24thSt

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

October 16, 2001
StID 3826/RO0000514

Ms. Normita Callison
Pacific Coast Building Products
5550 Roseville Road
North Highland, CA 95660

Re: Pacific Supply Company, 1735 24th St., Oakland CA 94607

Dear Ms. Callison:

This letter responds to the Brunsing Associates' October 9, 2001 letter, which in turns responds to my August 6, 2001 letter. My letter requested additional technical information in order to evaluate your consultant's request for regulatory closure of the referenced site. It appears that the Brunsing letter addresses the requested items of my original letter. To respond to my question as to whether any of the vapor recovery wells can be sampled for groundwater, Brunsing proposes to sample from wells VRW-2, VRW-4 and VRW-6 in addition to MW-2 and MW-3. The rationale for possibly sampling the vapor recovery wells is to provide a current estimate of the size and concentration of the residual contaminant plume. This information may also help to alleviate concerns of historical elevated benzene concentrations in soil. It is therefore recommended that you examine all vapor recovery wells and analyze all groundwater able to be sampled. These samples should be tested for gasoline, BTEX and MTBE.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. C. Schwab, Brunsing Associates, Inc., P.O. Box 588, Windsor, CA 95492

2-1735 24th St.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

August 6, 2001
StID 3826/RO0000514

Ms. Normita Callison
Pacific Coast Building Products
5550 Roseville Road
North Highlands, CA 95660

Re: Request for Closure, Pacific Supply Company, 1735 24th St., Oakland CA 94607

Dear Ms. Callison:

This letter responds to your consultant, Brunsing Associates', request for site closure for the on-going underground tank investigation at the above referenced site. Please be aware that I will be your new case handler as Mr. Seto, the former case handler has transferred within our division. He will still be available for consultation, if necessary. As you are aware, I asked Brunsing Associates whether a concise site summary existed and it appear one does not. Instead, I was given a list of historical documents to review by Brunsing. I have reviewed these documents and still have the following requests/concerns:

- Please compile and provide a table of all soil and groundwater analytical data.
- Please provide appropriate figures indicating the locations of the referenced samples
- Please provide an estimate of the removal efficiency of the vapor extraction system used at the site. What is the likelihood of a rebound in soil vapor concentrations since the system's shut-off? Is groundwater present in all or part of the vapor extraction wells and can these wells be sampled?
- Please provide a human health risk assessment for the site. This will require the use of past data or obtaining current site soil and groundwater contaminant concentrations.

Please provide the requested information to expedite our closure review. You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

☐ B. Chan, files

Mr. C. Schwab, Brunsing Associates, Inc., P.O. Box 588, Windsor, CA 95492

1735 24th St.



BACE Environmental
A Division of Brunson Associates, Inc.

August 8, 2000

Project No. 029

00 AUG 10 PM 10:00
ENVIRONMENTAL
PROTECTION

Ms. Cindy Hutchinson
Alameda County Public Works Agency
Water Resources Section
399 Elmhurst Street
Hayward, California 94544-1395

Soil Boring Permit Application
1735 24th Street
Oakland, California

Dear Ms. Hutchinson:

Enclosed please find a Drilling Permit Application covering the completion of 3 soil borings with groundwater sampling at the above-referenced underground storage tank site. The 3 borings were proposed in BACE Environmental's Soil and Groundwater Investigation Workplan dated March 6, 2000, which was approved by Mr. Larry Seto of the Alameda County Health Care Services Agency in correspondence dated March 22, 2000 (copy attached).

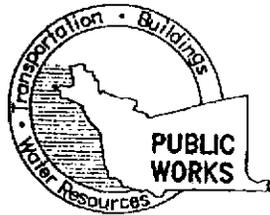
In support of this permit application I have also enclosed a copy of the site location map, a site map showing proposed drilling locations in the 24th Street right-of-way, and a copy of the City of Oakland Excavation Permit # X0001137 which permits the completion of the borings in the roadway. Drilling has been tentatively scheduled for August 29, 2000.

Should you need any additional information or documentation to process this permit application please do not hesitate to contact me at (707) 838-3027.

Sincerely,

Carl Schwab
Project Geologist

cc: Ms. Normita Callison, Pacific Coast Building Products
Mr. Larry Seto, Alameda County Health Care Services



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION

399 ELMHURST ST. HAYWARD CA. 94544-1395

PHONE (510) 670-5554 MARLON MAGALLANES/FRANK CODD (510) 670-5783

FAX (510)782-1939

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT

Pacific Coast Building Products
1735 24th Street
Oakland, CA

PERMIT NUMBER _____

WELL NUMBER _____

APN _____

CLIENT

name Pacific Coast Building Products
address 5550 Roseville Road Phone (916) 339-8128
city North Highlands, CA Zip 95660

PERMIT CONDITIONS

Circled Permit Requirements Apply

APPLICANT

name BACE Environmental
address P.O. Box 500 Fax (707) 838-4430
city Windsor, CA Phone (707) 838-3027 Zip 95492

A. GENERAL

1. A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date.
2. Submit to ACPWA within 60 days after completion of permitted original Department of Water Resources- Well Completion Report.
3. Permit is void if project not begun within 90 days of approval date

TYPE OF PROJECT

Well Construction		Geotechnical Investigation	
Cathodic Protection	<input type="checkbox"/>	General	<input type="checkbox"/>
Water Supply	<input type="checkbox"/>	Contamination	<input checked="" type="checkbox"/>
Monitoring	<input type="checkbox"/>	Well Destruction	<input type="checkbox"/>

B. WATER SUPPLY WELLS

1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and Industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.

PROPOSED WATER SUPPLY WELL USE

New Domestic	<input type="checkbox"/>	Replacement Domestic	<input type="checkbox"/>
Municipal	<input type="checkbox"/>	Irrigation	<input type="checkbox"/>
Industrial	<input type="checkbox"/>	Other _____	<input type="checkbox"/>

C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS

1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

DRILLING METHOD:

Mud Rotary	<input type="checkbox"/>	Air Rotary	<input type="checkbox"/>	Auger	<input type="checkbox"/>
Cable	<input type="checkbox"/>	Other	<input checked="" type="checkbox"/>	Direct Push	

D. GEOTECHNICAL

Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings.

DRILLER'S NAME Gregg Drilling & Testing, Inc.

E. CATHODIC

Fill hole anode zone with concrete placed by tremie.

DRILLER'S LICENSE NO. _____

F. WELL DESTRUCTION

See attached requirements for destruction of shallow wells. Send a map of work site. A different permit application is required for wells deeper than 45 feet.

WELL PROJECTS

Drill Hole Diameter _____ in.	Maximum
Casing Diameter _____ in.	Depth _____ ft.
Surface Seal Depth _____ ft.	Owner's Well Number _____

G. SPECIAL CONDITIONS

NOTE: One application must be submitted for each well or well destruction. Multiple borings on one application are acceptable for geotechnical and contamination investigations.

GEOTECHNICAL PROJECTS

Number of Borings <u>3</u>	Maximum
Hole Diameter <u>~3</u> in.	Depth <u>15</u> ft.

ESTIMATED STARTING DATE 8/29/00

ESTIMATED COMPLETION DATE 8/29/00

APPROVED _____ DATE _____

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

APPLICANT'S SIGNATURE Carl Schwab DATE 8/8/00

PLEASE PRINT NAME Carl Schwab Agent^{as} for Pacific Coast Building Products Rev 6-5-00



PACIFIC COAST
building products

5550 Roseville Road
North Highlands, CA 95660-5710
(916) 339-8127
FAX (916) 338-2187

ENVIRONMENTAL
PROTECTION

00 APR 18 AM 10:06

April 13, 2000

Mr. Larry Seto
Senior Hazardous Materials Specialist
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

RE: CHANGE OF ADDRESS EFFECTIVE IMMEDIATELY

Dear Mr. Seto:

This is to advise you of our new office relocation as of February 28, 2000 and our new address to receive any correspondence from the county of Alameda.

This is in reference to our business located in Oakland as Pacific Supply Company at 1735 24th Street for Groundwater Monitoring Reports.

New address: Normita Callison, REM
Pacific Coast Building Product
5550 Roseville Road
North Highlands, CA 95660

(916) 339-8127 phone
(916) 338-2187 fax

Old address: 4290 Roseville Road
North Highlands, CA 95660.

Sincerely,

Normita Callison, REM
Corporate Environmental Specialist

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



March 22, 2000

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

Ms. Normita Callison
Pacific Coast Building Products
5550 Roseville Road
North Highlands, CA 95660
STID 3826

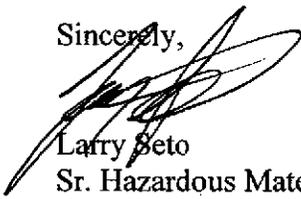
RE: 1735 24th Street, Oakland, CA 94607

Dear Ms. Callison:

I have reviewed the Soil and Groundwater Investigation Workplan dated March 6, 2000 that was prepared by Brunsing Associates, Inc. It is acceptable with the condition that EPA method 8260b is used to confirm the presence of MTBE if it is in the groundwater samples.

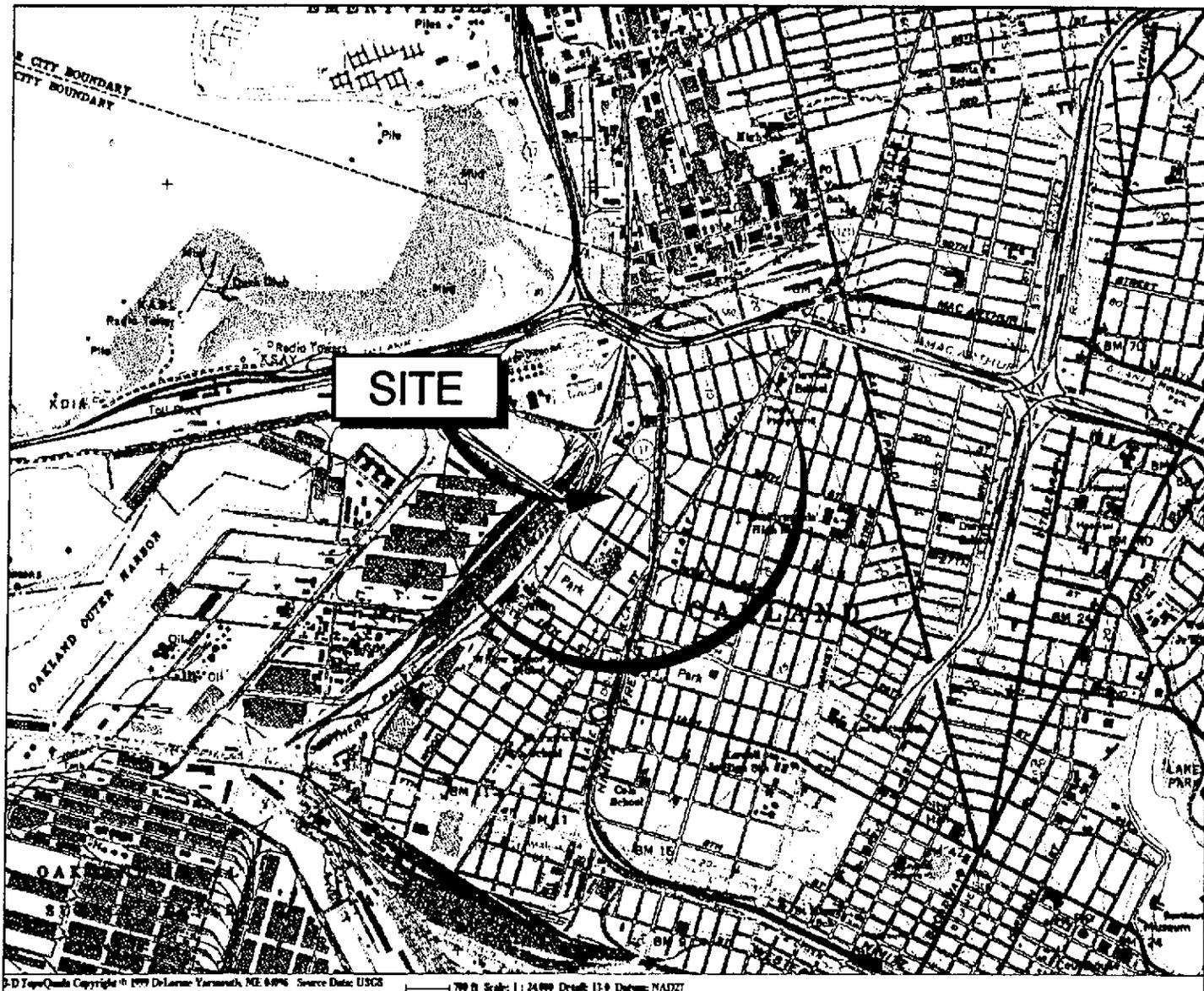
If you have any questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto
Sr. Hazardous Materials Specialist

Cc: Tom Allan, Brunsing Associates Inc., 760 Market Street, Suite 344,
San Francisco, CA 94102
Files



PROJECT NUMBER: 29.13
 PACIFIC SUPPLY COMPANY
 OAKLAND, CALIFORNIA

DRAWING NUMBER: 29.13-01

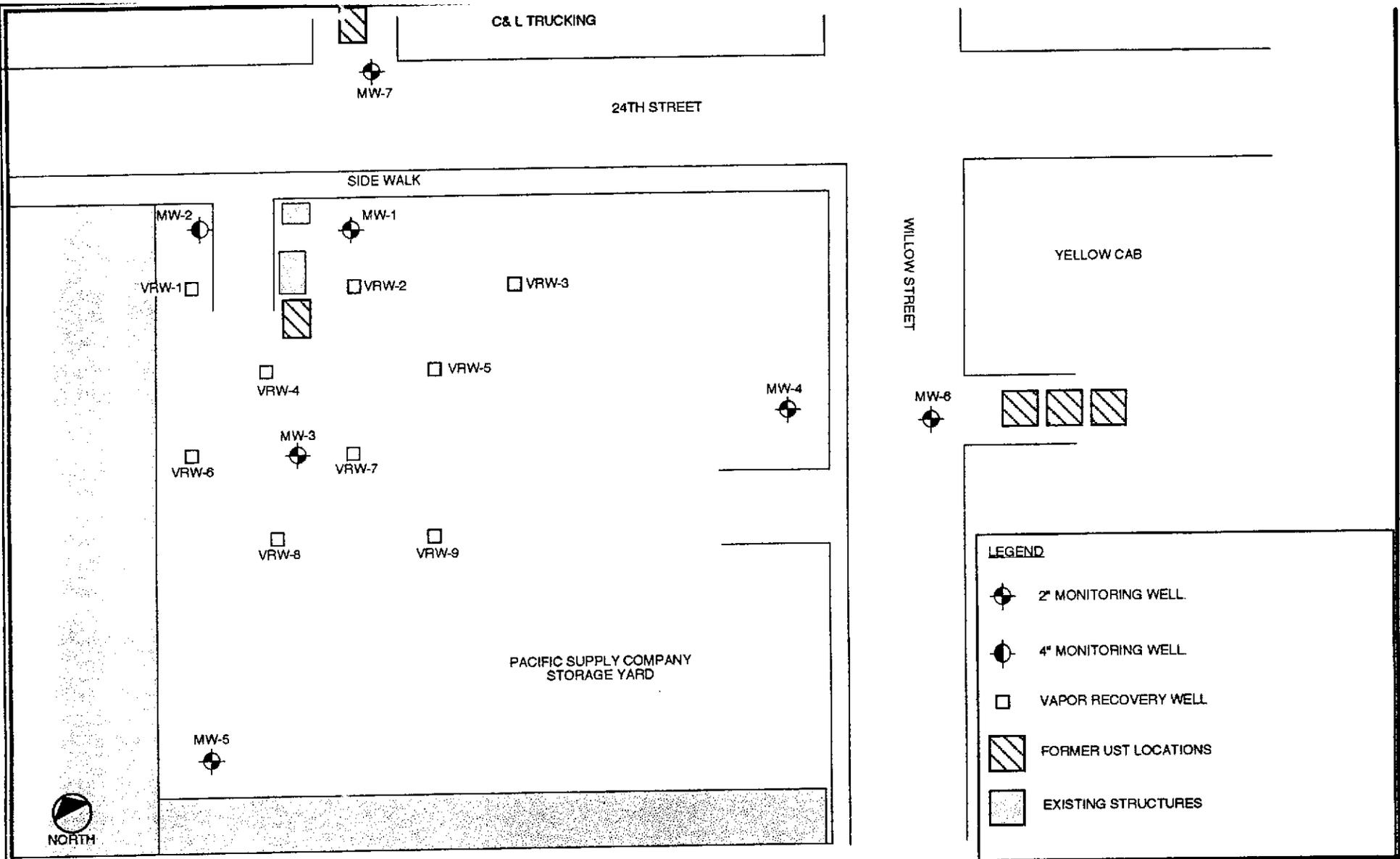
DRAWN BY:	TFA	2/1/2000
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APPROVED BY:	DMD	
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SCALE:

BACE Environmental
A Division of
Brunsing Associates, Inc.

PLATE 1
VICINITY MAP
PACIFIC SUPPLY COMPANY
 1735 24TH STREET
 OAKLAND, CALIFORNIA



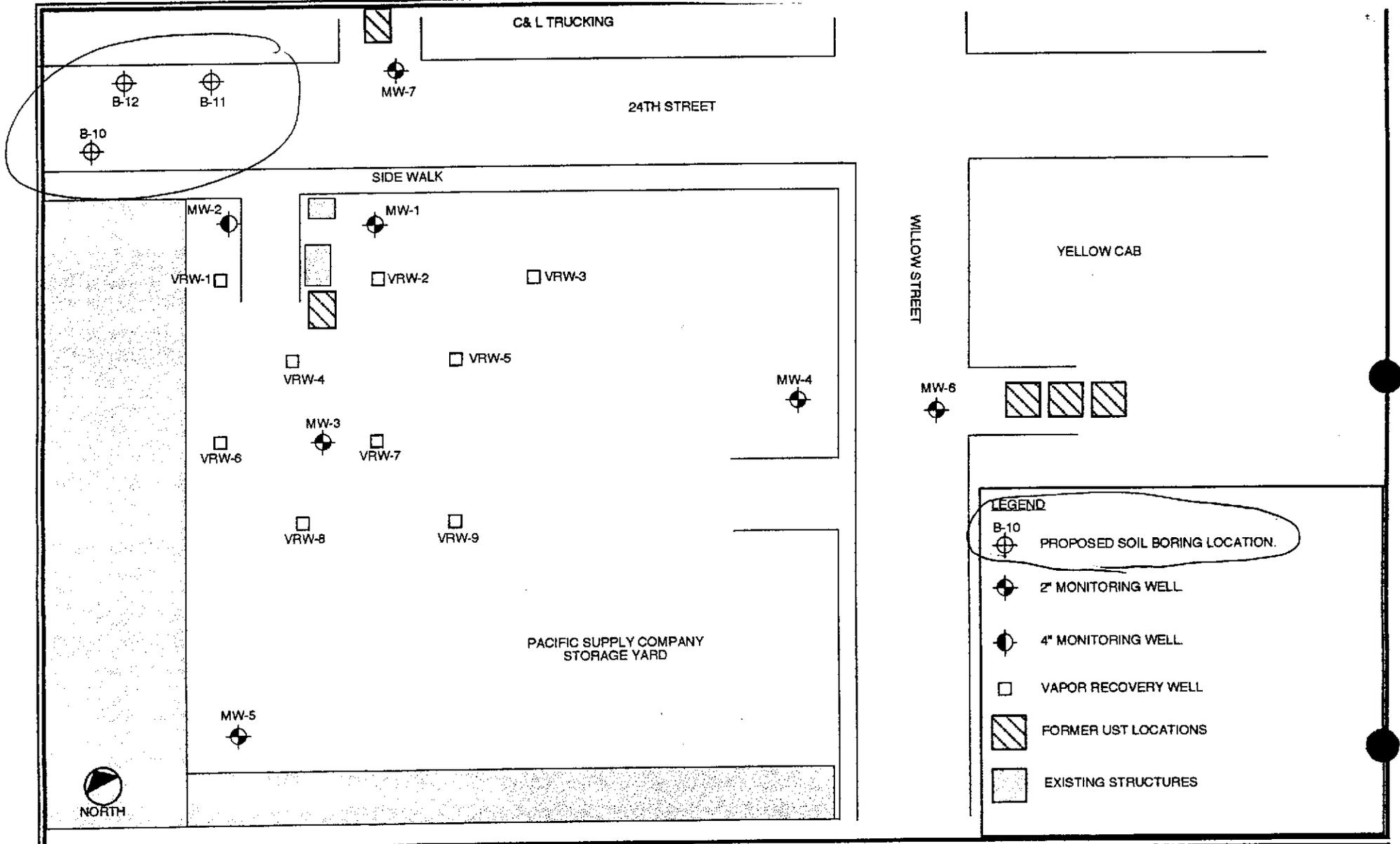
LEGEND

-  2" MONITORING WELL
-  4" MONITORING WELL
-  VAPOR RECOVERY WELL
-  FORMER UST LOCATIONS
-  EXISTING STRUCTURES

PROJECT NUMBER: 29.13		
PACIFIC SUPPLY COMPANY		
OAKLAND, CALIFORNIA		
DRAWING NUMBER: 29.13-02		
DRAWN BY:	TFA	2/1/2000
APPROVED BY:	DMD	
SCALE: 1 inch = 50 Feet		

BACE Environmental
A Division of
Brunsing Associates, Inc.

PLATE 2
SITE PLAN
PACIFIC SUPPLY COMPANY
1735 24TH STREET
OAKLAND, CALIFORNIA



PROJECT NUMBER: 29.13
 PACIFIC SUPPLY COMPANY
 OAKLAND, CALIFORNIA

DRAWING NUMBER: 29.13-02

DRAWN BY:	TFA	2/1/2000
APPROVED BY:	DMD	

SCALE: 1 inch = 50 Feet

BACE Environmental
A Division of
Brunsing Associates, Inc.

PLATE 5
 PROPOSED SOIL BORING
 LOCATIONS
 PACIFIC SUPPLY COMPANY
 1735 24TH STREET
 OAKLAND, CALIFORNIA



EXCAVATION PERMIT

TO EXCAVATE IN STREETS OR OTHER SPECIFIED WORK

CIVIL
ENGINEERING

AGE 2 of 2

PERMIT NUMBER X0001137		SITE ADDRESS/LOCATION 1735 24th ST.
APPROX. START DATE	APPROX. END DATE	24-HOUR EMERGENCY PHONE NUMBER (Permit not valid without 24-Hour number)
CONTRACTOR'S LICENSE # AND CLASS		CITY BUSINESS TAX #

ATTENTION:

1) State law requires that the contractor/owner call Underground Service Alert (USA) two working days before excavating. This permit is not valid unless applicant has secured an inquiry identification number issued by USA. The USA telephone number is 1 (800) 642-2444. UNDERGROUND SERVICE ALERT (USA) #: _____

2) **48 hours prior to starting work, YOU MUST CALL (510) 238-3651 TO SCHEDULE AN INSPECTION.**

OWNER/BUILDER

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License law Chapter 9 (commencing with Sec. 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than \$500):

I, as an owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).

I, as owner of the property, am exempt from the sale requirements of the above due to: (1) I am improving my principal place of residence or appurtenances thereto, (2) the work will be performed prior to sale, (3) I have resided in the residence for the 12 months prior to completion of the work, and (4) I have not claimed exemption on this subdivision on more than two structures more than once during any three-year period. (Sec. 7044 Business and Professions Code).

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project, (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License law).

I am exempt under Sec. _____; B&PC for this reason _____

WORKER'S COMPENSATION

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3700, Labor Code).

Policy # _____ Company Name _____

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California (not required for work valued at one hundred dollars (\$100) or less).

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked. This permit is issued pursuant to all provisions of Title 12 Chapter 12.12 of the Oakland Municipal Code. It is granted upon the express condition that the permittee shall be responsible for all claims and liabilities arising out of work performed under the permit or arising out of permittee's failure to perform the obligations with respect to street maintenance. The permittee shall, and by acceptance of the permit agrees to defend, indemnify, save and hold harmless the City, its officers and employees, from and against any and all suits, claims, or actions brought by any person for or on account of any bodily injuries, disease or illness or damage to persons and/or property sustained or arising in the construction of the work performed under the permit or in consequence of permittee's failure to perform the obligations with respect to street maintenance. This permit is void 90 days from the date of issuance unless an extension is granted by the Director of the Office of Planning and Building.

I hereby affirm that I am licensed under provisions of Chapter 9 of Division 3 of the Business and Professions Code and my license is in full force and effect (if contractor), that I have read this permit and agree to its requirements, and that the above information is true and correct under penalty of law.

Carl Schwab
Signature of Permittee Agent for Contractor Owner Date **7-20-00**

DATE STREET LAST RESURFACED	SPECIAL PAVING DETAIL REQUIRED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	HOLIDAY RESTRICTION (NOV 1 - JAN 1) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	LIMITED OPERATION AREA? (7AM-9AM & 4PM-6PM) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
ISSUED BY <i>[Signature]</i>		DATE ISSUED 7-20-00	

lic # **601262** 707 838 302

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 12, 2000

Ms. Normita Callison
Pacific Coast Building Products
5550 Roseville Road
North Highlands, CA 95660
STID 3826

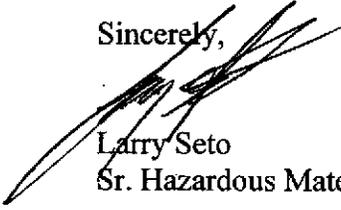
RE: Pacific Supply Company, 1735 24th Street, Oakland, CA 94607

Dear Ms. Callison:

I have reviewed the Semi-Annual Groundwater Monitoring Report: First Quarter-2000 dated March 7, 2000 that was prepared by Brunsing Associates, Inc. This office concurs with the three recommendations of your consultant. These recommendations includes (1) submitting a workplan for the installation of three borings to collect grab groundwater samples (2) Verifying the presence of MTBE using EPA Test Method 8260 (3) discontinue monitoring MW-4 and MW-5.

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

Sincerely,



Larry Seto
Sr. Hazardous Materials Specialist

Cc: Tom Allan, Brunsing Associates, Inc., 760 Market Street, Suite 344,
San Francisco, CA 94102

Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



December 21, 1999

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

Ms. Normita Callison
Pacific Coast Building Products
4290 Roseville Road
North Highlands, CA 95660
STID 3826

RE: Pacific Supply Company, 1735 24th Street, Oakland, CA

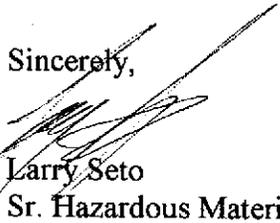
Dear Ms. Callison:

Commencing in the next round of groundwater sampling, include MTBE in your chemical analysis. The Regional Water Quality Control Board for site closure requires MTBE analysis.

In the Semi-Annual Groundwater Monitoring Report: Third Quarter-1999, Brunsing Associates mentioned they are preparing a workplan for the installation of two borings to collect grab groundwater samples in the verified downgradient direction. I will look for this workplan in the future.

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

Sincerely,



Larry Seto
Sr. Hazardous Materials Specialist

Cc: Tom Allan, Brunsing Associates, 760 Market Street, Suite 344,
San Francisco, CA 94102

Files

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

February 22, 1999

Mr. Tom Allan
Brunsing Associates
760 Market Street, Suite 344
San Francisco, CA 94102

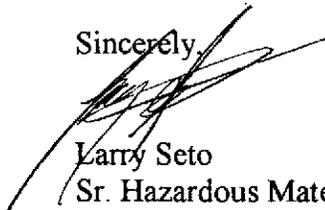
RE: Pacific Supply Company, 1735 24th Street, Oakland, CA 94607

Dear Mr. Allan:

I have reviewed the Semi-Annual Groundwater Monitoring Report: January 1999, dated February 16, 1999 for the above site. On page 2, Recommendations, it stated that Alameda County has not responded to the request for reviewing this case for site closure. I responded to this request in a letter dated August 13, 1998, addressed to Ms. Normita Callison of Pacific Coast Building Products. A copy of this letter (enclosed) should have been sent to you. Please make the appropriate correction(s) in the Recommendation section in your Monitoring Report dated February 16, 1999, and send me a revised copy.

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

Sincerely,



Larry Seto
Sr. Hazardous Materials Specialist

Cc: Normita Callison, Pacific Coast Building Products, 4290 Roseville Road,
North Highlands, CA 95660

Files

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

August 13, 1998

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

Ms. Normita Callison
Pacific Coast Building Products
4290 Roseville Road
North Highlands, CA 95660

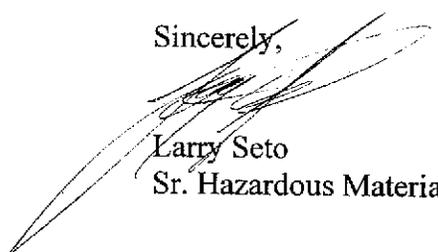
RE: Pacific Supply Company, 1735 24th Street, Oakland, CA 94607

Dear Ms. Callison:

I have reviewed your Semi-Annual Groundwater Monitoring Report: July 1998, dated August 3, 1998 that was prepared by Brunsing Associates, Inc. The furthest downgradient monitoring well, MW-2 has benzene concentrations that ranged from 55ppb to 350 ppb during the last four sampling events. One of the criteria for site closure is for the plume to be diminishing or stabilized. If immediate site closure is requested, a few grab groundwater samples must be taken in the verified downgradient direction of MW-2, and analyzed for the presence of TPH(g), BTEX and MTBE. Prior to starting work, please submit a workplan to this office for approval.

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

Sincerely,



Larry Seto
Sr. Hazardous Materials Specialist

Cc: Tom Allan, Brunsing Associates, Inc., 760 Market Street, Suite 344,
San Francisco, CA 94102

Files

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

January 6, 1997
STID 3826

Ms. Normita Callison
Pacific Coast Bldg Products
4290 Roseville Rd., Suite B
North Highland CA 95660

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

RE: Pacific Supply site, 1735-24th St., Oakland CA 94607

Dear Ms. Callison,

Since my last letter to you, dated 2/6/96, the following documents have been received in this office:

- 1) your fax dated 2/7/96, with attached letter from BACE Environmental (BACE) dated 2/2/96 and three graphs; and
- 2) your letter dated 8/29/96 (unsigned), with attached Semi-Annual Monitoring Report, prepared by BACE dated 8/28/96.

I understand that for various reasons, the vapor extraction system (VES) was shut down on 7/28/96. **Your request to dismantle the existing treatment system and compound is acceptable**, as is your proposal to use natural attenuation. **Until further notice**, groundwater should continue to be sampled and analyzed on an annual basis in all wells except MW6, and on a semi-annual basis (first and third quarters) in well MW2. GWE site maps should be prepared on a semi-annual basis. Reports should be submitted on a semi-annual basis.

If you have any questions, please contact me at 510-567-6700, ext 6761.

Sincerely,

Jennifer Eberle
Hazardous Materials Specialist

cc: Joel Bruxvoort, BACE Environmental, 1735 East Bayshore Rd., Suite 1A, Redwood City
CA 94063

Acting Chief/file
J. Eberle

je 3826-D

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

ARNOLD PERKINS, DIRECTOR

February 6, 1996
STID 3826

ALAMEDA COUNTY CC4580
ENVIRONMENTAL HEALTH SERVICES
1131 HARBOR BAY PKWY., #250
ALAMEDA CA 94502-6577

Ms. Normita Callison
Pacific Coast Bldg Products
4290 Roseville Rd., Suite B
North Highland CA 95660

RE: Pacific Supply site, 1735-24th St., Oakland CA 94607

Dear Ms. Callison,

Since my last letter to you, dated 12/11/95, the following documents have been received in this office:

- 1) 10/26/95 Quarterly Groundwater Monitoring Report: September 1995, prepared by BACE Environmental.

This letter is to document our telecon of today, and to clarify my last letter, dated 12/11/95. The following is acceptable: 1) annual sampling of six wells (MW1 through MW5, and MW7) in the first quarter, 2) semi-annual sampling of MW2 (first and third quarters), 3) semi-annual GWE monitoring (first and third quarters), 4) **semi-annual reporting**, and 5) delete MW6 entirely from further sampling, based on 6 consecutive quarters of ND benzene, low TPHg concentrations, and the proximity of onsite well MW4.

Joel Bruxvoort indicated that the VES has been down since 12/13/95, due to rainwater in the secondary containment. It will be started again upon EBMUD permit approval. We will continue the VES for at least one quarter, and then determine its efficiency and need for continued use.

Please include *potentiometric surface maps and gradient measurements in future reports*. If you have any questions, please contact me at 510-567-6700, ext 6761.

Sincerely,

Jennifer Eberle
Hazardous Materials Specialist

cc: Joel Bruxvoort, BACE Environmental, 1735 East Bayshore Rd., Suite 1A, Redwood City
CA 94063
Acting Chief/file

BC

je 3826-C

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Director

December 11, 1995
STID 3826

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

Ms. Normita Callison
Pacific Coast Bldg Products
4290 Roseville Rd., Suite B
North Highland CA 95660

RE: Pacific Supply site, 1735-24th St., Oakland CA 94607

Dear Ms. Callison,

Since my last letter to you, dated 6/2/95, the following documents have been received in this office:

- 1) 7/12/95 Quarterly Groundwater Monitoring Report: June 1995, prepared by BACE Environmental.

Thank you for including a conclusions section which addresses the efficacy of the VES, and a tabulation of historical groundwater elevations (GWEs).

I received a telecon from Joel Bruxvoort today, requesting to delete MW5 and MW7 from further sampling activities. These wells denote the zero line of contamination in the upgradient and downgradient directions, respectively. Therefore, it would not be advisable to delete them entirely from sampling and monitoring activities. **However, it would be appropriate to reduce the frequency of these wells to annual: MW4, MW5, MW6, and MW7.** Please determine the GWEs for ALL wells on a quarterly basis. As discussed with Mr. Bruxvoort today, *I am also requesting potentiometric surface maps and gradient measurements (between MW1, MW2, and MW3) in future quarterly reports.*

If you have any questions, please contact me at 510-567-6700, ext 6761.

Sincerely,

Jennifer Eberle
Hazardous Materials Specialist

cc: Joel Bruxvoort, BACE Environmental, 1735 East Bayshore Rd., Suite 1A, Redwood City
CA 94063
Acting Chief/file

je 3826-B

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, DIRECTOR

June 2, 1995
STID 3826

Normita Callison
Pacific Coast Bldg Products
4290 Roseville Rd., Suite B
North Highland CA 95660

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

RE: Pacific Supply site, 1735-24th St., Oakland CA 94607

Dear Ms. Callison,

Since my last letter to you, dated 9/8/94, the following documents have been received in this office:

- 1) 9/9/94 Progress Report: Vapor Extraction System Operations, January-August 1994, prepared by BACE Environmental
- 2) 10/11/94 Quarterly Groundwater Monitoring Report: September 1994, prepared by BACE Environmental
- 3) 2/13/95 Quarterly Groundwater Monitoring Report: December 1994, prepared by BACE Environmental
- 4) 4/14/95 Quarterly Groundwater Monitoring Report: March 1995, prepared by BACE Environmental

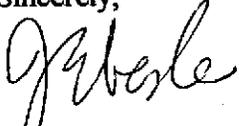
As you know, vapor extraction has been used as remediation for this site. Note that the last vapor extraction system (VES) update received in this office was dated 9/9/94. **You are requested to submit quarterly vapor extraction updates in the future.** These can be incorporated into the quarterly groundwater monitoring and sampling reports. **Please include a conclusions section which addresses the efficacy of the VES.**

Please include a table of **historical** groundwater elevation (GWE) data in future reports. It is noteworthy to correlate changes in GWE with changes in groundwater contaminant concentrations.

If you have any questions, please contact me at 510-567-6700, ext 6761.

June 2, 1995
STID 3826
Normita Callison
page 2 of 2

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

cc: Joel Bruxvoort, BACE Environmental, 1735 East Bayshore Rd., Suite 1A, Redwood City
CA 94063
Mee Ling Tung/file

je 3826-A

**STATE WATER RESOURCES CONTROL BOARD
DIVISION OF CLEAN WATER PROGRAMS**

2014 T STREET, SUITE 130
P.O. BOX 944212
SACRAMENTO, CALIFORNIA 94244-2120
(916) 227-4427
(916) 227-4530 (FAX)



JE
STNO 3826

September 16, 1994

Pacific Supply - Oakland
1735 - 24th Street
Oakland, CA 94623

UNDERGROUND STORAGE TANK CLEANUP FUND PROGRAM, NO RESPONSE TO LETTER OF COMMITMENT (LOC): CLAIM NUMBER 002343; FOR SITE ADDRESS: 1735 - 24th Street, Oakland, CA 94623 94607

It has come to my attention that the LOC issued to you on February 15th, 1994 in the amount of \$157,000 has not been responded to with a request for reimbursement.

Please submit your reimbursement request with all of the required supporting documentation, or a written explanation as to the status of the cleanup and why you have not requested reimbursement to date. If a request or adequate explanation is not received within thirty (30) calendar days from the date of this letter, I will take steps to begin the withdrawal process of your LOC.

Please send your reimbursement request or explanation to:

State Water Resources Control Board
Division of Clean Water Programs
Underground Storage Tank Cleanup Fund Program
Attention: **Francine Aguirre** Claim No. 002343
P. O. Box 944212
Sacramento, CA 94244-2120

If you have any questions, please contact Donna Turcotte at (916) 227-4535.

Sincerely,

Francine Aguirre
Team Leader, Regions 1 and 2
Underground Storage Tank Cleanup Fund

cc: California Regional Water Quality
Control Board, San Francisco Bay Region
Attn: Steve Morse
2101 Webster Street, Suite 500
Oakland, CA 94612

✓ Alameda County EHD
Attn: Ed Howell
80 Swan Way, Room 200
Oakland, CA 94621

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH

September 8, 1994
STID 3826

Normita Callison
Pacific Coast Bldg Products
4290 Roseville Rd., Suite B
North Highland CA 95660

Alameda County CC 4580
Health Care Services Agency
Dept. Of Environmental Health
1131 Harbor Bay Pkwy 2nd Flr.
Alameda, CA 94502-6577

RE: Pacific Supply site, 1735-24th St., Oakland CA 94607

Dear Ms. Callison,

We are in receipt of the Quarterly Groundwater Monitoring Report: June 1994, prepared by BACE Environmental, dated 7/20/94. This report documents results from groundwater samples collected on 6/2/94. This report also presents historical groundwater sampling information. Based on these findings, the results for organic lead have been non-detectable (ND) for the past 5 sampling events. This consistent trend indicates that organic lead is not a problem. Therefore, you may discontinue analyzing for organic lead.

If you have any questions, please contact me at 510-567-6700, ext 6761. This is our new permanent phone number; our new fax number is 510-337-9335.

Sincerely,

Jennifer Eberle
Hazardous Materials Specialist

cc: Joel Bruxvoort, BACE Environmental, 1735 East Bayshore Rd.,
Suite 1A, Redwood City CA 94063
Ed Howell/file

je 3826

STATE WATER RESOURCES CONTROL BOARD

DIVISION OF CLEAN WATER PROGRAMS

2014 T STREET, SUITE 130

P.O. BOX 944212

SACRAMENTO, CALIFORNIA 94244-2120

(916) 227-4307

(916) 227-4530 FAX



FEB 25 1994

Pacific Supply - Oakland
1735 - 24th Street
Oakland, CA 94623

UNDERGROUND STORAGE TANK CLEANUP FUND, CLAIM NO. 002343

The State Water Resources Control Board (State Board) takes pleasure in issuing the attached Letter of Commitment in an amount not to exceed **\$157,000**. This Letter of Commitment is based upon our review of the corrective action costs incurred to date and your application received on January 17, 1992 and may be modified by the State Board in writing by an amended Letter of Commitment.

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

You should read the terms and conditions listed in the Letter of Commitment. Also attached you will find:

- A "Reimbursement Request Instructions" package. You should retain this package for future reimbursement requests. Among other information, the package includes instructions for completion of the "Reimbursement Request" form and the "Spreadsheet". These instructions must be followed when seeking reimbursement for corrective action costs incurred after January 1, 1988. Included in these instructions are samples of Reimbursement Request forms and completed Spreadsheets. Within the package also included are:
 - A "Bid Summary Sheet" to document data on bids received.
 - Recommended Minimum Invoice Cost Breakdown.
 - A "Certification of Non-Recovery From Other Sources" which must be returned before any reimbursements can be made.
- "Reimbursement Request" forms which you must use to request reimbursement of costs incurred.
- "Spreadsheet" forms which you must use in conjunction with your Reimbursement Request.
- "Vendor Data Record" (Std. Form 204) which must be completed and returned with your first Reimbursement Request.

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

Sincerely,

A handwritten signature in dark ink, appearing to read "Dave", is written over a horizontal line.

Dave Deaner, Manager
Underground Storage Tank
Cleanup Fund Program

Attachments

cc: California Regional Water Quality
Control Board, San Francisco Bay Region
Attn: Steven Ritchie
2101 Webster Street, Suite 500
Oakland, CA 94612

✓ Alameda County EHD
Attn: Ed Howell
80 Swan Way, Room 200
Oakland, CA 94621

LETTER OF COMMITMENT FOR REIMBURSEMENT OF COSTS

ST 10
3886
SE

CLAIM NO: 002343

AMENDMENT NO: 0

CLAIMANT: Pacific Supply - Oakland

BALANCE FORWARD: \$0

CO-PAYEE:

THIS AMOUNT: \$157,000

CLAIMANT ADDRESS: 1735 - 24th Street
Oakland, CA 94623

NEW BALANCE: \$157,000

TAX ID / SSA NO.: 94-6103555

Subject to availability of funds, the State Water Resources Control Board (State Board) agrees to reimburse Pacific Supply - Oakland (Claimant) for eligible corrective action costs at 1735 - 24th Street, Oakland, CA 94623 (Site). The commitment reflected by this Letter is subject to all of the following terms and conditions:

1. Reimbursement shall not exceed \$157,000 unless this amount is subsequently modified in writing by an amended Letter of Commitment.
2. The obligation to pay any sum under this Letter of Commitment is contingent upon availability of funds. In the event that sufficient funds are not available for reasons beyond the reasonable control of the State Board, the State Board shall not be obligated to make any disbursements hereunder. If any disbursements otherwise due under this Letter of Commitment are deferred because of unavailability of funds, such disbursements will promptly be made when sufficient funds do become available. Nothing herein shall be construed to provide the Claimant with a right of priority for disbursement over any other claimant who has a similar Letter of Commitment.
3. All costs for which reimbursement is sought must be eligible for reimbursement and the Claimant must be the person entitled to reimbursement thereof.
4. Claimant must at all times be in compliance with all applicable state laws, rules and regulations and with all terms, conditions, and commitments contained in the Claimant's Application and any supporting documents or in any payment requests submitted by the Claimant.
5. No disbursement under this Letter of Commitment will be made except upon receipt of acceptable Standard Form Payment Requests duly executed by or on behalf of the Claimant. All Payment Requests must be executed by the Claimant or a duly authorized representative who has been approved by the Division of Clean Water Programs.
6. Any and all disbursements payable under this Letter of Commitment may be withheld if the Claimant is not in compliance with the provisions of Paragraph 5 above.
7. Neither this Letter of Commitment nor any right thereunder is assignable by the Claimant without the written consent of the State Board. In the event of any such assignment, the rights of the assignee shall be subject to all terms and conditions set forth in this Letter of Commitment and the State Board's consent.
8. This Letter of Commitment may be withdrawn at any time by the State Board if completion of corrective action is not performed with reasonable diligence.

IN WITNESS WHEREOF, this Letter of Commitment has been issued by the State Board this 15th day of February, 1994.

STATE WATER RESOURCES CONTROL BOARD

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

BY [Signature]
 Chief, Division Administrative Services

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

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KHARS, Agency Director

June 8, 1993
STID 3826

Normita Callison
Pacific Coast Building Products
4290 Roseville Rd., Ste B
North Highlands CA 95660

RE: Pacific Supply Company
1735-24th St.
Oakland CA 94607

RASAT A. SHAHID, ASST. AGENCY DIRECTOR
DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
JST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

Dear Ms. Callison,

We are in receipt of the "Soil Investigation Report" and the "Vapor Extraction Remedial Design Report," both prepared by BACE Environmental, dated 5/24/93. As you know, the "Soil Investigation Report" documents the installation of 10 soil borings to delineate the zero line of soil contamination. The "Vapor Extraction Remedial Design Report" is a proposal for a treatment system. The "Vapor Extraction Remedial Design Report" is accepted for implementation.

If you have any questions, please contact me at 510-271-4530.

Sincerely,

A handwritten signature in cursive script, appearing to read "Jennifer Eberle".

Jennifer Eberle
Hazardous Materials Specialist

cc: Mike Velzy, BACE Environmental, 1735 East Bayshore Rd.,
Suite 2A, Redwood City CA 94063
Rich Hiett, RWQCB
Ed Howell/File

je

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

January 22, 1993

STID 3826

Normita Callison
Pacific Coast Building Products
4290 Roseville Rd., Ste B
North Highlands CA 95660

RE: Pacific Supply Company
1735-24th St.
Oakland CA 94607

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

Dear Ms. Callison,

We are in receipt of your cover letter dated 1/14/93 and the Workplan for Phase II Soil Investigation letter report prepared by BACE Environmental, also dated 1/14/93. I have reviewed the workplan, which proposes nine additional shallow soil borings to determine the extent of soil contamination. This workplan is accepted for implementation, and, barring unforeseen circumstances, shall adhere to the schedule outlined on page 3. Please provide proper documentation regarding the future characterization and disposal of drill cuttings, as per page 2 of the workplan.

If you have any questions, please contact me at 510-271-4530.

Sincerely,

Jennifer Eberle
Hazardous Materials Specialist

cc: Joel Bruxvoort, BACE Environmental, 1735 East Bayshore Rd.,
Suite 2A, Redwood City CA 94063
Rich Hiatt, RWQCB
~~Ed Howell~~/File *EPA*

je



BRUNSING ASSOCIATES, INC.

1607 Industrial Way, Belmont, CA 94002
(415) 637-0170 FAX (415) 637-1196

FAX COVER SHEET

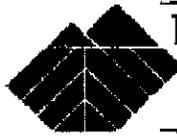
To JENNIFER EBERLE
Company ALAMEDA COUNTY HEALTH CARE SERVICES
Project/Proposal No. 29.9
Voice No. 510-271-4320 FAX No. 510-569-4757
Subject CONFIRMATION OF AGREEMENT

From MIKE VELZY Date 1-12-93
Number of Pages (including cover sheet) 2

Note:

Confirming copy to be sent via U.S. mail if checked _____

If there are any transmission problems please contact Mike Velzy or Pam Perlstein at (415) 637-0170.



BACE Environmental

A Division Of

Brunsing Associates, Inc.

January 12, 1993

029.9

Ms. Jennifer Eberle
Alameda County Health Care Services
Department of Environmental Health
80 Swan Way, Room 200
Oakland, CA 94612

Via Facsimile Transmission

**RE: CONFIRMATION OF AGREEMENT
PACIFIC SUPPLY COMPANY, ACHCS STID NO. 3826
OAKLAND, CALIFORNIA**

Dear Ms. Eberle:

In response to the December 1, 1992 letter from the Alameda County Health Care Services (ACHCS) to Ms Normita Callison of Pacific Coast Building Products (PCBP), Brunsing Associates, Inc. (BAI) on behalf of PCBP will submit the workplan for the Phase II soil investigation to ACHCS by January 16, 1993. However, as per the agreement made during our telephone conversation of Monday, January 11, 1993 BAI will delay the submittal of the vapor extraction design report until the results of the Phase II soil investigation are submitted to the ACHCS. The results of the Phase II soil investigation will be incorporated into the vapor extraction well location plan.

Additionally, Ms. Callison will submit to you a letter of transmittal under separate cover intended to accompany the Phase II soil investigation workplan. If you have any questions please call me at (415) 364-9031.

Sincerely,


Michael E. Velzy
Project Manager

cc: Normita Callison

1735 East Bayshore Rd., Suite 2A, Redwood City, CA 94063 Phone (415) 364-9030 Fax (415) 364-9032

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

December 1, 1992

STID 3826

Normita Callison
Basalite Keystone Retaining
Wall Systems
4290 Roseville Rd.
North Highlands CA 95660

RE: Pacific Supply Company
1735-24th St.
Oakland CA 94607

Dear Ms. Callison,

During a telephone conversation with Mike Velzy of BACE Environmental today, I was informed of your new address. Our records indicate the primary responsible party for the above referenced site as Larry Halsey, Pacific Coast Bldg. Products, PO Box 160488, Sacramento CA 94816. Please inform us if this should be changed to your name and address, and if there is a secondary responsible party. This information is used by the State Water Resources Control Board.

We have received the "Report of Findings, Vapor Extraction Pilot Study," prepared by BACE Environmental, dated 11/18/92. Soil samples obtained during the installation of VEW-1 were analyzed. TPH-gasoline concentrations increased from 100 ppm at 4.5'bgs to 780 ppm at 8'bgs. Similarly, benzene concentrations increased from 9.1 ppm at 4.5'bgs to 23 ppm at 8'bgs. Groundwater occurred at 8.3'bgs, indicating that the highest soil concentrations exist near the groundwater surface.

The pilot study concluded that vapor extraction of volatile hydrocarbons can be an effective remediation option at this site. Prior to designing a remediation system, the lateral extent of soil contamination must be defined. A preliminary study of the extent of soil contamination was documented in the "Report of Findings, Soil and Groundwater Investigation," prepared by Brunsing Associates, Inc., dated 11/30/90. However, the zero line of contamination must be defined. Therefore, we request a workplan for the delineation of the zero line of soil contamination **within 45 days or by January 16, 1992.** The remediation system design will be predicated on the limits of soil contamination. Therefore, we also request a proposal for the remediation system to be submitted **within 45 days or by January 16, 1992.**

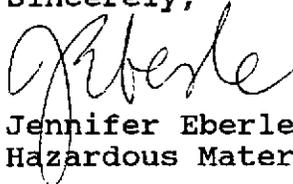
Normita Callison
STID 3826
Page 2 of 2
December 1, 1992

All work should adhere to a) the Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, dated 8/10/90; b) the State WATER Resources Control Board LUFT Field Manual; and c) Article 11 of Title 23, California Code of Regulations. Reports and proposals must be submitted **under seal** of a California-Registered Geologist, -Certified Engineering Geologist, or -Registered Civil Engineer. All reports and documents pertaining to this investigation should also be sent to:

Rich Hiett
San Francisco Bay Region
Regional Water Quality Control Board
2101 Webster St., Ste 500
Oakland CA 94612

If you have any questions, please contact me at 510-271-4530.

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

cc: Mike Velzy, BACE Environmental, 1735 E Bayshore Rd., Suite
2A, Redwood City CA 94063
Rich Hiett, RWQCB
Ed Howell/File

je

3026

11-30-92

will gw be extracted?

#

"VEW-1 pulled water" inadvertently.

12-1-92

gw will be pumped to sparge tank,
vapors separated out → catalytic
converter → fuel for pump
P-20 had strongest response.

pump gw → treat gw → either discharge
permit or offhaul

few thousand \$ - gw pump test

Normita Callison
Basalite Keystone Retaining Wall Systems
4290 Roseville Rd.
North Highlands CA 95660

small
pneumatic system - to do soils invest.
pushes rod into soil + produces a core sample

* design report - to design sum of extr. wells
need to define lat. extent of soil/gw contam.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

April 24, 1992

STID #3826

Normita Callison
Gladding McBean
PO Box 97
Lincoln CA 95648

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Division
80 Swan Way, Rm. 200
Oakland, CA 94621
(510) 271-4320

RE: Pacific Supply Company
1735-24th St.
Oakland CA 94607

Dear Ms. Callison,

The case file for the above referenced site has recently been reviewed by our staff. The case has been reassigned to Jennifer Eberle, Hazardous Materials Specialist. Please mail future correspondence to her attention.

We have received the "Interim Remedial Action Workplan" prepared by Brunsing Associates Inc., dated 1/6/92. This workplan is approved on the condition that you contact Jennifer Eberle, Hazardous Materials Specialist, at least two days in advance of the start-up of the vapor extraction system so that a site visit can be arranged. We understand that you will keep to the schedule outlined in Section 3.5.2 of the workplan. Since groundwater monitoring ~~was~~ has not taken place since December 1989, and since it was requested by our agency in letters dated 5/6/91 and 9/30/91, it is most important that it will commence **immediately** and continue for **at least** one year. Site closure is based on four consecutive quarters of non-detectable concentrations in groundwater.

All work must be performed according to the Leaking Underground Fuel Tank Field Manual, (LUFT Manual), revised 10/89, and the Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Storage Tank Sites, revised 8/10/90, as summarized in Appendix A.

Copies of these documents can be obtained by calling the SFRWQCB data management group at 510-464-1269.

All reports and proposals must be submitted **under seal** of a California-Registered Geologist, -Certified Engineering Geologist, or -Registered Civil Engineer.

Normita Callison
STID #3826
Page 2 of 2
April 24, 1992

If you have any questions, please phone Jennifer Eberle at 510-271-4320.

Sincerely,



Susan Hugo
Senior Hazardous Materials Specialist

cc: Michael Velzy (Brunsing Associates, Inc., 1607 Industrial Way,
Belmont CA 94002)
Rich Hiett, RWQCB
File

je

Ro 514

DATE: 3-6-92
TO : Local Oversight Program
FROM: BRIT JOHNSON
SUBJ: Transfer of Eligible Oversight Case

Site name: PAUFIL SUPPLY
Address: 1735-24TH ST city OK zip 94607
Closure plan attached? Y N DepRef remaining \$ 213.00
DepRef Project # 16 STID #(if any) 3826
Number of Tanks: 1 removed? Y N Date of removal 1-25-88
Leak Report filed? Y N Date of Discovery 1-25-88
Samples received? Y N Contamination: SOIL + GW
Petroleum Y N Types: Avgas Jet leaded unleaded Diesel
fuel oil waste oil kerosene solvents
Monitoring wells on site 7 Monitoring schedule? Y N

Briefly describe the following: ~~TPH~~
Preliminary Assessment ~~600~~ TPH-11 mg/L LEAD 0.22 mg/L
Remedial Action UAPOR EXTRACTION PLAN NEEDS REVIEW
PROPOSED 1/6/92 ~~REMOVE ATTACHED~~
Post Remedial Action Monitoring _____
Enforcement Action _____

Comments:
9/88 5 MWs INSTALLED ONSITE
12/90 2 MWs INSTALLED OFFSITE
NO MW SAMPLING SINCE 1990

DUFOUR, GREBEN & SCHARFF

ATTORNEYS AT LAW

JAMES T. DUFOUR
JAN ADAM GREBEN
JEFFORY J. SCHARFF
STEVEN A. PICCO

819 F STREET
SACRAMENTO, CA
95814

P.O. BOX 867
SACRAMENTO, CA
95812-0867

(916) 553-3247
FAX (916) 553-3250

91 NOV 18 PM 1:06

November 12, 1991

Mr. Paul Smith
ALAMEDA COUNTY DEPARTMENT
OF ENVIRONMENTAL HEALTH
Hazardous Waste Program
80 Swan Way, Room 200
Oakland, CA 94621

Re: Pacific Supply - Oakland

Dear Mr. Smith:

I attempted to contact you today regarding the progress of developing a cleanup strategy for the above-referenced facility.

The engineering firm of Brunsing & Associates, Inc. (BAI) is in the process of developing a remediation strategy for the property. Since our last conversation, several options have been explored including excavation, soil vapor extraction as well as the possibility of groundwater extraction and treatment. Once a remediation strategy has been settled upon, Pacific Supply will be forwarding copies of these workplans for your review and consideration in the very near future.

In the meantime if you have further questions, please feel free to contact this office.

Sincerely,



JEFFORY J. SCHARFF

JJS:ket

cc: Normita Callison Pacific Coast Building Supply - (916) 645-3341

11/12/91/26002.04

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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

Certified Mailer # P 367 604 448

September 30, 1991

Mr. Larry Halsey
Pacific Coast Builders
3001 I Street
Sacramento, CA 95816

Re: Pacific Supply Company, 1735 24th Street, Oakland CA 94607

Dear Mr. Halsey

This letter follows up an earlier request for technical reports for the above site.

On January 25, 1991⁸⁸ a 1000 gallon underground storage tank was removed from the above site. Subsequent soil contamination encountered during monitoring well installation indicated the presence of Total Petroleum Hydrocarbons as gasoline (TPHg) at levels as high as 1400 ppm, benzene levels as high as 990 ppb in the boring for monitoring well 2 (MW-2), 3700 ppm of TPHg and 2400 ppb of benzene were detected in the soil boring for MW-3. Water samples collected initially in 10/27/88 indicated levels of 11 ppm of TPHg and 23 ppb of benzene from MW-2 and lesser levels in several of the other of the wells.

In a letter from this office (dated May 6, 1991) you were requested by this Department to initiate the following actions:

- 1) To initiate and submit quarterly monitoring reports for all wells (both on and off site). You were requested to analyze for Total Petroleum Hydrocarbons as gasoline (TPHg), benzene, toluene, xylene, ethylbenzene and volatile organic compounds (VOC's; using method 8240).
- 2) You were requested to submit a work plan within 60 days specifying the proposed remedial measures to be taken which would address the soil and ground water contamination at the above site.

In a phone conversation from Joel Bruxvoort, representing Brunsing and Associates on May 29, 1991, it was reported that a work plan and the resumption of quarterly monitoring would occur within 60 days. Since that time no reports have been received by this office regarding this site.

Mr. Halsey
September 30, 1991
page 2 of 2

Please be advised that this letter constitutes a formal request for technical reports pursuant to California Water Code Section 13267 (b). Failure to respond or a late response could result in the referral of this case to the San Francisco Regional Water Quality Control Board (RWQCB) for enforcement, possibly subjecting the responsible party to civil penalties to a maximum of \$1000.00 per day. Any extensions to the stated deadlines, or modifications of the required tasks, must be confirmed in writing by either this agency or the RWQCB.

Please be further advised that Alameda County Environmental Health Department, Hazardous Materials Division, is currently delegated authority from the RWQCB to oversee remediation cases within Alameda County. Therefore, this Department will be lead agency for oversight of this case should further site characterization or remediation work be warranted following our review of data incorporated in the pending tank closure report.

You are requested to provide this department of written confirmation of the resumption of groundwater monitoring of each of the wells associated with the above site and to submit to this department a Work Plan addressing the proposed remedial measures to address the contamination to soil and ground water within 45 days of the receipt or by November 15, 1991.

All proposals, reports and analytical results pertaining to this investigation and remediation must be sent to our office and to:

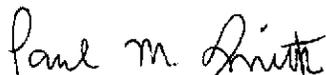
Lester Feldman
Regional Water Quality Control Board, San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612
(415) 464-1255

Finally, a review of our records indicates that the balance of the deposit submitted with the initial underground tank removal closure submittal has been exhausted. Please submit to our office a check made payable to County of Alameda for \$500.00. This deposit is authorized by Section 3-141.6 of the Ordinance Code of the County of Alameda and is used to cover expenses incurred by Alameda County personnel in the discharge of their oversight duties associated with this project. Records are maintained of the time County employees commit to a project and the deposit is charged at an hourly rate of \$ 67.00 per hour. Upon the completion of the project the balance of the deposit will be returned to you.

Mr. Halsey
September 30, 1991
page 3 of 3

If you have any questions regarding the above please contact me at
(510) 271-4320.

Sincerely,



Paul M. Smith
Hazardous Materials Specialist

cc:

Joel Bruxvoort, Brunsing Associates Inc.
Jim McIntock/Jim Anderson, Pacific Supply
Gil Jensen, Alameda County District Attorney Office of
Environmental and Consumer Protection Agency
Lester Feldman, RWQCB
Charlene Williams, DHS

P 367 604 448

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
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(See Reverse)

U.S.G.P.O. 1989-234-555

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Postmark or Date	

PS Form 3800, June 1985

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

Certified Mailer # P 367 604 366

May 6, 1991

Mr. Larry Halsey
Pacific Coast Builders
3001 I Street
Sacramento, CA 95816

Re: Pacific Supply Company, 1735 24th Street, Oakland CA 94607

Dear Mr. Halsey

Alameda County Environmental Health Department, Hazardous Materials Division has received and reviewed the Report of Findings Soil and Groundwater Investigation dated November 30, 1990. Results from sampling events conducted in 1988 indicated the presence of gasoline constituents in all of the 5 monitoring wells which were in place at that time.

In 1989 two additional monitoring wells (MW 6&7) were installed offsite. Although data for groundwater sampling in 1989 were not provided in the report, examination of Table 5 of the report revealed that the groundwater conditions in 1989 had changed from the previous year. You are requested to provide this office with copies of all of the analytical results for groundwater sampling conducted in 1989.

Upon review of the above report it became apparent that quarterly reporting has not been conducted on a regular basis at the above site in order to properly determine seasonal groundwater conditions.

You are required to initiate a quarterly monitoring program for all wells at the above location. When initially sampling each well you are required to analyze for Total Petroleum Hydrocarbons as gasoline (TPHg), Benzene, Toluene, Xylene, and Ethylbenzene (BTEX) and analyze for the presence of Volatile Organic Compounds (VOC) using EPA method 8240. Once the initial levels have been established for the above constituents an adjustment of the analytes sought can be renegotiated with this Division.

You are required to submit a workplan to this office within 60 days of the receipt of this letter specifying the proposed remedial measures to be taken to address the soil and groundwater contamination at the above site. The workplan shall include a timetable for the completion of the various phases of the investigation and remediation process. You are also requested to specify the waste characterization, disposal or treatment processes proposed to address contaminated soil excavated from beneath the site.

Mr. Halsey
May 6, 1991
page 2 of 2

Copies of all reports and documentation should be sent to:

Regional Water Quality Control Board
Attn. Lester Feldman
2101 Webster St. 4th Floor
Oakland, CA 94601

If you have any questions regarding the above please contact me at
(415) 271-4320.

Sincerely,

Paul M. Smith

Paul M. Smith
Hazardous Materials Specialist

cc:

Michael Velzy, Brunsing Associates Inc.
Jim McIntock/Jim Anderson, Pacific Supply
Gil Jensen, Alameda County District Attorney Office of
Environmental and Consumer Protection Agency
Lester Feldman, RWQCB
Charlene Williams, DHS

P 367 604 366

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
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(See Reverse)

U.S.G.P.O. 1989-234-555

PS Form 3800, June 1985

Sent to	<i>Pacific Coast Bldg</i>
Street and No.	<i>3001 I Street</i>
P.O., State and ZIP Code	<i>Sacramento 95816</i>
Postage	S
Certified Fee	
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TOTAL Postage and Fees	S
Postmark or Date	<i>5/7/91</i>



BRUNSING ASSOCIATES, INC.

1607 Industrial Way, Belmont, CA 94002
(415) 637-0170 FAX (415) 637-1162

90 DEC 10 11 16 AM

December 6, 1990

29.5

Mr. Paul Smith
Alameda County Department of Environmental Health
Hazardous Waste Program
80 Swan Way, RM 200
Oakland, CA 94621

**RE: REVISIONS: REPORT OF FINDINGS - SOIL AND GROUNDWATER
INVESTIGATION
PACIFIC SUPPLY COMPANY
OAKLAND, CALIFORNIA**

Dear Mr. Smith:

Per our conversation of today, I am enclosing a revised Page 10, Figure 8 and complete copies of Appendix F.

If I can be of any further assistance, please do not hesitate to call me.

Sincerely,

Michael E. Velzy
Project Engineer

MEV:ptp

Enclosure



BRUNSING ASSOCIATES, INC.

1607 Industrial Way, Belmont, CA 94002

(415) 637-0170 FAX (415) 637-1196

90 DEC 7 AM 8:52

90 NOV 33 AM 8:50

November 30, 1990

29.5

Mr. Paul Smith
Alameda County Department of Environment Health
Hazardous Waste Program
80 Swan Way, RM 200
Oakland, CA 94621

**RE: FINAL: REPORT OF FINDINGS - SOIL AND GROUNDWATER
INVESTIGATION
PACIFIC SUPPLY COMPANY
OAKLAND, CALIFORNIA**

Dear Mr. Smith:

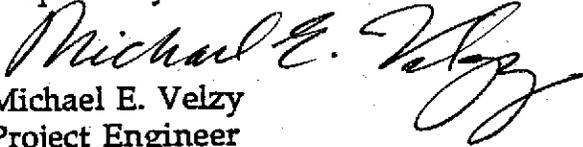
Please find enclosed a copy of the "Report of Findings - Soil and Groundwater Investigation" prepared by Brunsing Associates, Inc. on behalf of Pacific Coast Building Products concerning at the Pacific Supply Company site located at 1735 24th Street in Oakland, California. This work was originally specified in our workplan for the on-site investigation (Phase I) dated February 29, 1988 and updated in December 1989 to include resampling of the on-site monitoring wells and the installation of two off-site monitoring wells (Phase II). This report includes the following components:

- Methods of Investigation;
- Soil Chemistry;
- Water Chemistry;
- Hydrogeology of the Site;
- Conclusions and Recommendations.

Mr. Smith
November 30, 1990
Page 2

Please contact me if you have any comments you wish to add or questions concerning this report. I would be happy to discuss our recommendations with you at your convenience.

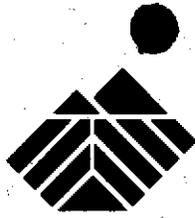
Respectfully submitted,



Michael E. Velzy
Project Engineer

cc: Larry Halsey, Pacific Coast Building Products
Jeff Scharff, Dufour and Scharff
Tom Callaghan, Regional Water Quality Control Board





BRUNSING ASSOCIATES, INC.

1607 Industrial Way, Belmont, CA 94002
(415) 637-0170 FAX (415) 637-1196

September 10, 1990

29.5

Mr. Paul Smith
Alameda County Department of Environmental Health
Hazardous Waste Program
80 Swan Way, RM 200
Oakland, CA 94621

**RE: PACIFIC COAST BUILDING PRODUCTS
PACIFIC SUPPLY COMPANY SITE
OAKLAND, CALIFORNIA**

Dear Mr. Smith,

This correspondence is intended to follow-up our telephone conversation of Wednesday, August 29, 1990 in regards to the Pacific Supply Company site located at 1735 24th Street, Oakland, California. Brunsing Associates, Inc. (BAI) anticipates submitting "Report of Findings-Soil and Groundwater Investigation: Pacific Supply Company, Oakland, California" within two to four weeks of this notice.

Recent submittal delays have been encountered in the preparation of the aforementioned report while Pacific Coast Building Products considers several excavation and treatment options for the soil and groundwater at this site.

If you have any questions please contact me at (415)637-0170.

Sincerely,

Michael E. Velzy
Project Engineer

MEV:wjf

cc: Larry Halsey, Pacific Coast Building Products
Jim Dufour & Associates
Tom Brunsing, BAI

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415) 271-4320

Certified Mailer # P 062 127 740

May 21, 1990

Mr. Henry McIntock
Mr. Jim Anderson *General mgr*
Pacific Supply
P.O. Box 24322
Oakland, CA 94623

Dear Mr. McIntock or Mr. Anderson,

On August 8, 1989 a letter was sent to you by our department requesting you to advise this office of the status of the site assessment and remediation action at the Pacific Supply site at 1735 24th Street, Oakland. As of this date no response has been received by this office.

We received copies of a work plan dated February 29, 1988 and March 8, 1988 from Brunsing and Associates. In a letter dated March 21, 1988 this office approved the proposed work plan with certain stipulations. Since that date we have received no information on this case.

Have monitoring wells been installed and if so when were they installed? If applicable send quarterly monitoring reports for groundwater monitoring; Total Petroleum Hydrocarbons and BTEX(602/5020) and also soil sampling data taken at the soil groundwater interface; Total Petroleum Hydrocarbons and BTEX(8020/5020).

Please respond to the above request for an update on this site within 15 days of the receipt of this letter. Should you have any questions please contact Paul Smith, Hazardous Materials Specialist at 271-4320.

Sincerely,

A handwritten signature in cursive script that reads "Edgar B. Howell III".

for Edgar B. Howell III, Chief,
Hazardous Materials Division

EBH:PMS:pms
Enclosures (1)

cc: Gil Jensen, Alameda County District Attorney Office of
Environmental and Consumer Protection Agency
Lester Feldman, RWQCB
Charlene Williams, DHS

P. 062 127 740

RECEIPT FOR CERTIFIED MAIL

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PS Form 3800, June 1985

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Return Receipt showing to whom Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	



May 4, 1990
88-44-550-05

Mr. Ed Howell
Alameda County Health Care Services
Department of Environmental Health
Hazardous Materials Program
80 Swan Way, Room 200
Oakland, California 94621

Subject: File Review
Pacific Supply
1735 24th Street
Oakland, California

Dear Mr. Howell:

Converse Environmental West (CEW) requests that opportunity to review the agency's hazardous waste files for the Pacific Supply facility located at 1735 24th Street, Oakland, California 94626. *94607*

In addition, there is a monitoring well located in Willow Street just south of 24th Street. CEW would like to know who installed the well, what parameters and results of any monitoring activities.

CEW understands that a \$60/hour fee will be charged by the agency for its staff to review and prepare the files for CEW.

Thank you for your assistance.

Very truly yours,

Converse Environmental West

Michelle T. Stowers
Staff Geologist

MTS2\HOWELL.LTR

ALAMEDA COUNTY
HEALTH CARE SERVICES

DAVID J. KEARS, AGENCY
DIRECTOR
~~XXXXXXXXXX~~, Agency Director



470-27th Street, Third Floor
Oakland, California 94612
(415) 271-4320

March 21, 1988

80 SWAN WAY
OAKLAND
94621

Mr. Phil Harless
Pacific Coast Builders
3001 "I" St.
Sacramento, CA 95816

ATT STORM.

SUBJECT: WORK PLAN - PACIFIC SUPPLY CO., 24TH & WILLOW STS., OAKLAND

Dear Mr. Harless:

We have received the proposed work plan to delineate the groundwater contamination problem at the subject site. This plan is dated February 29, 1988 and was prepared by Brunsing Associates, Windsor, California. This plan is found acceptable provided that the following constituents are also monitored:

1. Groundwater
 - Total Petroleum Hydrocarbon - low boiler (DHS Procedure)
 - BTX (602/5020)
2. Soil samples to be taken at the unsaturated groundwater interface
 - TPH (DHS Procedure)
 - BTX (8020/5020)

In addition, contaminated soil within the tank area must eventually be removed.

Should you have any questions concerning this matter, please contact Mr. Storm Goranson, Hazardous Materials Specialist at 271-4321.

Sincerely,

Rafat A. Shahid
Rafat A. Shahid, Chief
Hazardous Materials Division

RAS:SG:mam

cc: Gregg Eiche, Brunsing Associates

ALAMEDA COUNTY
HEALTH CARE SERVICES

DAVID J. KEARS, AGENCY
~~XXXXXXXXXXXX~~ Agency Director



470-27th Street, Third Floor
Oakland, California 94612
(415) 271-4320

March 21, 1988

Mr. Phil Harless
Pacific Coast Builders
3001 "I" St.
Sacramento, CA 95816

SUBJECT: WORK PLAN - PACIFIC SUPPLY CO., 24TH & WILLOW STS., OAKLAND

Dear Mr. Harless:

We have received the proposed work plan to delineate the groundwater contamination problem at the subject site. This plan is dated February 29, 1988 and was prepared by Brunsing Associates, Windsor, California. This plan is found acceptable provided that the following constituents are also monitored:

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 - BTX (602/5020)
2. Soil samples to be taken at the unsaturated groundwater interface
 - TPH (DHS Procedure)
 - BTX (8020/5020)

In addition, contaminated soil within the tank area must eventually be removed.

Should you have any questions concerning this matter, please contact Mr. Storm Goranson, Hazardous Materials Specialist at 271-4321.

Sincerely,

Rafat A. Shahid

Rafat A. Shahid, Chief
Hazardous Materials Division

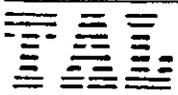
RAS:SG:mam

cc: Gregg Eiche, Brunsing Associates

Harvey McINTOSH

Trace Analysis Laboratory, Inc.
3423 Investment Boulevard, #8 • Hayward, California 94545

(415) 783-6960



DATE: 2/11/88

LOG NO.: 5605

DATE SAMPLED: 1/25/88

DATE RECEIVED: 1/25/88

CUSTOMER: Erickson Inc.

REQUESTER: Martin Rasmussen

PROJECT: Pacific Supply Company, 1735 24th Street, Oakland, CA

Sample Type: Soil

Method and Constituent	Units	No. 1, Pump End Wall of Excavation		No. 2, Fill End Wall of Excavation	
		Concentration	Detection Limit	Concentration	Detection Limit
Modified EPA Method 8015:					
Volatile Hydrocarbons	ug/kg	560,000	20,000	<2,000	2,000
Modified EPA Method 8020:					
Benzene	ug/kg	3,800	200	<20	20
Toluene	ug/kg	22,000	100	<10	10
Xylenes	ug/kg	120,000	200	<20	20
Ethyl Benzene	ug/kg	10,000	200	<20	20

DATE: 2/11/88
LOG NO.: 5605
DATE SAMPLED: 1/25/88
DATE RECEIVED: 1/25/88
PAGE: Two

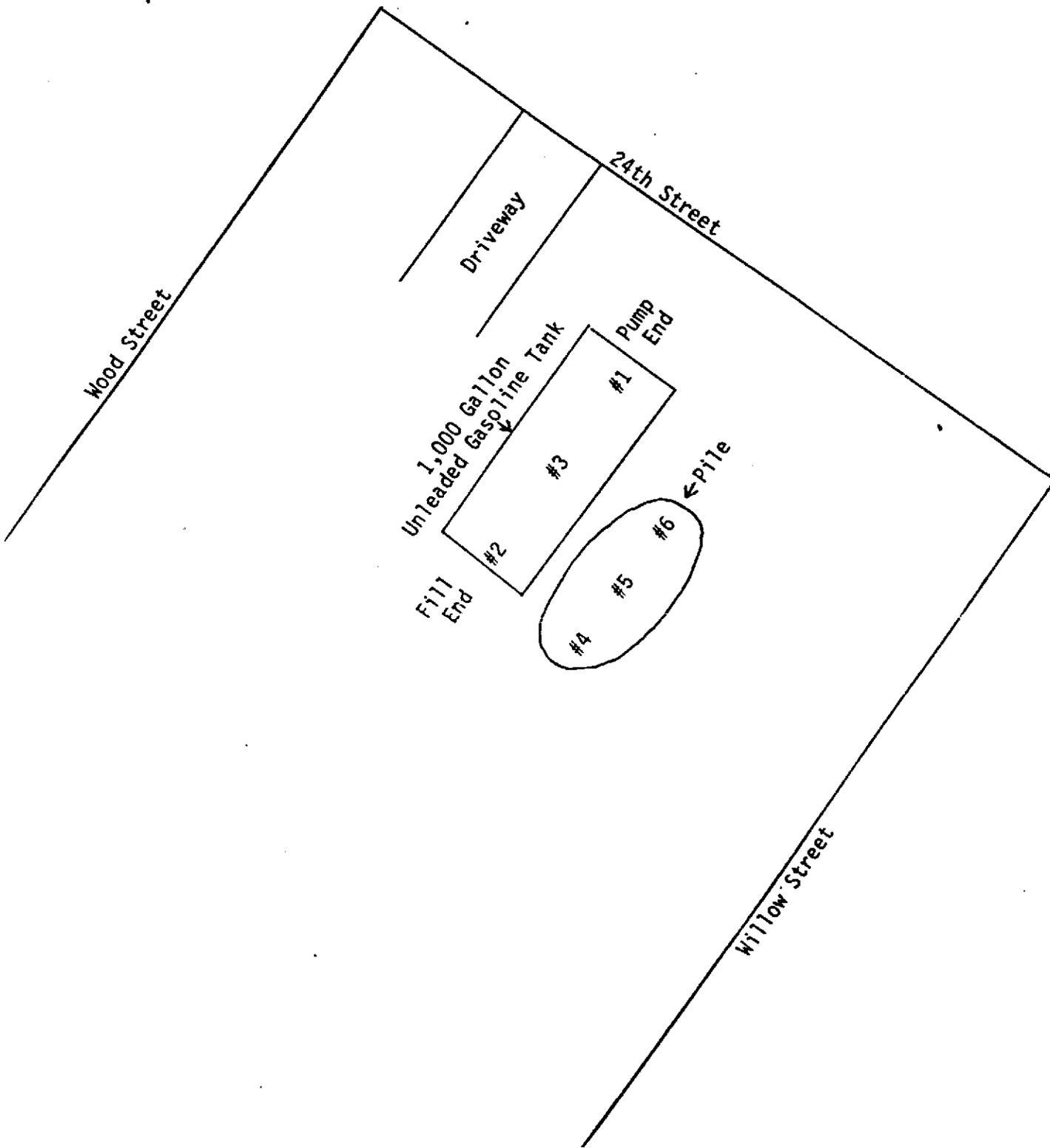
Sample Type: Water

<u>Method and Constituent</u>	<u>Units</u>	<u>No. 3, Water from Center of Excavation</u>	
		<u>Concen- tration</u>	<u>Detection Limit</u>
Modified EPA Method 8015:			
Volatile Hydrocarbons	ug/l	270,000	100,000
Modified EPA Method 8020:			
Benzene	ug/l	16,000	900
Toluene	ug/l	26,000	900
Xylenes	ug/l	47,000	1,000
Ethyl Benzene	ug/l	7,600	2,000

for 
Hugh R. McLean
Supervisory Chemist

HRM:gmc

Pacific Supply Company
1735 24th Street
Oakland, California



CHAIN OF CUSTODY RECORD

PROJ. NO. 5605		PROJECT NAME Pacific Supply Company 1735 24th Street, Oakland, CA			NO. OF CON- TAINERS	TVH/BTXE Held					REMARKS			
SAMPLERS: (Signature) <i>[Signature]</i> for TAZ														
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION									
No. 1	7-25	3:00 ^{PM}	30	X	1000 Gallon Gasoline Tank			1 tube	X					All smell high
2								↓	X					Soil (from wall of excavation ^{water} line)
3								2 Pres. Vials	X					Water (emptied from tank ^{porcelain})
4								1 tube	X					Soil from Pile
5								↓	X					↓
6								↓	X					↓
Relinquished by: (Signature)			Date / Time		Received by: (Signature)			Relinquished by: (Signature)			Date / Time		Received by: (Signature)	
Relinquished by: (Signature)			Date / Time		Received by: (Signature)			Relinquished by: (Signature)			Date / Time		Received by: (Signature)	
Relinquished by: (Signature)			Date / Time		Received for Laboratory by: (Signature)			Date / Time		Remarks				

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

BRUNSG ASSOCIATES

Consulting Engineers

P.O. Box 586

Windsor, California 95492

(707) 838-3027

grey 4/18/88
STORM CALLED RE
CONTAMIN HOLE

NO REMOVAL UNTIL DRILLING
IS COMPLETED

SR-029

March 8, 1988

Mr. Phil Harless
Pacific Coast Builders
3001 I Street
Sacramento, CA 95816

**RE: COST ESTIMATE: GROUNDWATER AND SOIL INVESTIGATION AT THE
PACIFIC SUPPLY COMPANY - WEST OAKLAND SITE**

Dear Mr. Harless:

In association with the workplan we submitted to you concerning the groundwater and soil investigation at your West Oakland facility, we wish to provide you with the following cost estimate for this project:

1. Monitoring Well Installation

Drill rig charges. \$3,266
Materials. 2,599
Professional services. 2,192

2. Analytical Costs. 1,035

3. Data Interpretation and Report Preparation

Professional services. 5,550
Materials. 250

TOTAL \$14,892

Please do not hesitate to call if you have any questions concerning this cost estimate.

Respectfully submitted,

T. Brunsing
Thomas Brunsing, Ph.D./P.E.
Principal

Greg Eiche
Greg Eiche
Hydrogeologist

Why?
NW-2

dks

WORK PLAN
PACIFIC SUPPLY COMPANY
WEST OAKLAND SITE

Efforts were initiated to abandon an underground gasoline storage tank at Pacific Supply Company's West Oakland site in May, 1987. Gas chromatographic analysis of soil and associated vapor from exploratory boreholes at the site carried out by CHIPS Environmental Consultants, indicated that soil in the vicinity of the tank was contaminated with gasoline and raised the possibility that gasoline may have reached groundwater below the site. During subsequent removal of the tank by Erikson Industrial Services substantial deterioration of the tank body was documented. Gasoline odors were also detected during tank removal operations.

In order to assess the extent of soil contamination and the quality of groundwater below the site, and determine whether or not off-site sources may exist, BRUNSING ASSOCIATES proposes the following scope of work:

- o Installation of five (5) monitoring well. Three monitoring wells will be installed immediately adjacent to the former tank location, one of which will monitor for the possible contribution of contamination from offsite sources to the north. Another two monitoring wells will be installed at remote locations on-site, one of which will monitor the possible contribution of contamination from offsite sources to the east.
- o borehole soil analysis;
- o groundwater analysis;
- o groundwater elevation survey;
- o interpretation of data and preparation of report;

These five tasks comprising BRUNSING ASSOCIATES work plan are described below.

1. Installation of five monitoring wells on-site

Five monitoring wells are proposed for installation on the West Oakland property in order to assess the local groundwater gradient, the extent of soil and possible groundwater contamination, and to determine whether off-site sources of contamination exist.

Three monitoring wells will be installed within 50 feet of the former gasoline tank location in a triangular monitoring pattern (see figure 1) in order investigate the distribution of possible gasoline contamination in soil and water in the immediate vicinity of the excavation. The location of monitoring well MW-1 is specifically designed to assess whether or not groundwater

BRUNSING ASSOCIATES

Consulting Engineers

contamination, if it exists, could have originated from offsite sources to the north. Wells MW-2 and MW-3 will provide groundwater quality information to the immediate west and south of the excavation.

Two monitoring wells will be installed approximately 150 feet south and east of the former tank location, and will be instrumental in determining the groundwater gradient beneath the site. One of these wells, MW-4 (see Figure 1), is located on the eastern property boundary and will provide information for assessing the possible contribution of groundwater contamination from offsite sources to the east. Excavated well, MW-5, will provide necessary groundwater quality and gradient information on the southern boundary of the site.

Monitoring wells MW-1, MW-3, MW-4, and MW-5 will be constructed with two-inch PVC casing. Monitoring well MW-2 will comprise four-inch PVC casing in order to make it possible to undertake an aquifer test if contamination is found in the groundwater. An aquifer test would provide information about transmissivity and storativity of the water-bearing zone and would make it possible to assess the rate of contaminant migration.

At each well location, hollow stem auger borings will be drilled and logged at two foot intervals. Upon completion of logging, the boring will be over-cored to well completion depth. Selection of screened zones will be based on field observations of well boring samples. Although information is not specifically available concerning the hydrostratigraphy below the site, it is anticipated that an unconfined water-bearing zone will be encountered at a depth of 20 feet or less in Bay Mud or overlying fill material. In order to understand groundwater conditions below the site, it will be important to identify the geologic contact between the fill material and the Bay Mud. Core logging will focus specifically on identifying this contact. The monitoring wells will be designed to screen the upper five to ten feet of the water-bearing zone in which floating product is most likely to occur.

The well casing and screen will be constructed with Schedule 40, flush-joint threaded PVC. The casing bottom will be plugged with a seven-inch long threaded plug. The screen will consist of 0.010 inch factory milled slots. The screen interval will be equivalent to and be placed adjacent to the upper five feet of water-bearing Bay Mud material.

A sand pack of clean water-washed sand will be placed adjacent to the entire screened interval and will extend a distance of two feet above the top of the screen. The sand pack will be placed by pouring it down the annulus between the hollow stem and the well casing. The auger will be raised periodically and an auger flight removed to allow the sand to fill the annulus between the casing and the borehole wall. A one- to two- foot thick bentonite pellet seal will be placed above the sand pack. The seal will be placed in the same manner as the sand pack. The annulus above the

BRUNSING ASSOCIATES

Consulting Engineers

bentonite seal will be grouted with a cement/bentonite grout. the bentonite content of the grout will not exceed five percent by weight. The grout will consist of clean water mixed with Portland cement. The grout will be placed in the same manner as the sand pack, or after the auger flights have been entirely withdrawn from the borehole.

Due to the heavy vehicular traffic on-site, a locking PVC cap will be placed below grade and within a precast utility box (ie. Christy box) approximately 1/4 inch above ground over the well casing. The utility box will be set in concrete. All wells will be footed in cement/bentonite grout to ensure that they are securely set in place.

After the concrete and cement/bentonite grout have set at least 24 hours, each well will be developed by bailing and/or pumping until the well water is visually clear and free of sediment. The adequacy of well development will be determined by the site geologist or engineer.

Upon completion of development, wells will be allowed at least 48 hours to recover prior to purging and sampling. Just prior to purging, water levels will be measured to within 0.01 feet the top of each PVC casing. Top of casing elevations will be surveyed to within 0.01 feet by a licensed land surveyor.

2. Borehole soil analysis

In order to better understand the distribution of the gasoline contamination in the vadose zone which is apparent from existing data, BRUNSG ASSOCIATES will analyze soil samples collected from the three monitoring well borings which are within 50 feet of the original tank location. The samples will be collected from the vadose zone just above the interface with the saturated zone.

3. Groundwater Analysis

One round of water samples will be collected from all monitoring wells following the protocol described in Appendix A. Chemical analysis for Total Hydrocarbons will be undertaken by an EPA-certified laboratory to determine if gasoline is present below the site. The specific concentration of possible hydrocarbon and geographic distribution of this constituent in the groundwater will enable us to evaluate the nature and location of the contaminant source.

4. Groundwater Elevation Survey

The local groundwater gradient below the site will be evaluated by measuring static water levels in monitoring wells prior to sampling. If hydrocarbon contamination is found below the site and if there is evidence that it originated from the former on-site storage tank, then it may be necessary to undertake an aquifer test in order to assess the rate of groundwater movement.

BRUNSG ASSOCIATES

Consulting Engineers

This information would make it possible to predict the rate of contaminant migration by taking into account retardation and dispersion of the contaminant. An aquifer test would be undertaken by constant rate pumping of the four-inch monitoring well designated as MW-2, and monitoring drawdown over time in the four two-inch wells designated as MW-1, MW-3, MW-4, and MW-5.

5. Interpretation of Data and Preparation of Report

The chemical and physical data collected from the five monitoring wells and associated borings will be interpreted in order to assess the extent and distribution of soil and possible groundwater contamination underlying the West Oakland site. The results will be presented in text and graphical form in a technical report which will be certified by Dr. T. Brunsing.

BRUNSG ASSOCIATES

Consulting Engineers

P.O. Box 586

Windsor, California 95492

(707) 838-3027

February 29, 1988

Mr. Phil Harless
Pacific Coast Builders
3001 I Street
Sacramento, CA 95816

SR-029

RE: WORK PLAN: GROUNDWATER AND SOIL INVESTIGATION AT
THE PACIFIC SUPPLY COMPANY - WEST OAKLAND SITE

Dear Mr. Harless;

Please find enclosed a description of work to be performed by BRUNSG ASSOCIATES in order to complete the investigation of groundwater quality at your West Oakland facility.

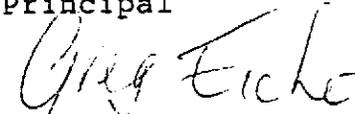
We propose that five monitoring wells be installed on the West Oakland site in order to determine if groundwater contamination exists below the site. If such contamination is found, then the chemical and physical data obtained from these wells will enable us to determine whether the contamination is attributable to on-site or off-site sources. Should the investigation result in the recommendation for product and groundwater extraction, the well system has been designed for extraction and remedial monitoring.

Please contact us if you have any questions concerning our work plan.

Respectfully yours,



Tom Brunsg, Ph.D/P.E.
Principal



Greg Eiche
Hydrogeologist

cc: Storm Goranson
Harry Macintosh

Appendix A

WATER SAMPLING

Pacific Supply Company
West Oakland Site

1.0 INTRODUCTION

This document describes procedures to be followed during sampling of groundwater from newly-installed monitoring wells at the Pacific Supply Company, West Oakland Site. As the work progresses, and if warranted, appropriate revisions were made and approved by the Project Manager.

2.0 SAMPLING

2.1 Sample Collection

Individual samples from will be collected as follows:

- A. Wells will be pumped at least until the volume of water pumped was equal to five volumes of the well's casing. To assure that the water samples are representative of the aquifer, periodic measurements of the temperature, pH and specific conductance will be mad. The sample will be collected only when the temperature, pH, and specific conductance reach a more or less constant value. For newly completed wells (such as monitoring wells), it may be necessary to pump the well for a longer period of time because of water contamination by drilling mud and/or cement.
- B. A positive-displacement pump (bladder or reciprocating) will be used for evacuating the well casing (purging) of the monitoring wells. If the discharge rate using this equipment is too slow to be practical, an electric submersible pump will be used. Water samples will be collected using a teflon bailer.
- C. Sample containers shall be of the type specified in Table 1 and shall be obtained from the analytical laboratory or other approved source.

Viles will be used for collection of water for Total Hydrocarbon analysis. The container will be filled to overflowing to avoid trapping air at the top of the container and exposure to the atmosphere shall be minimized during sampling. A container cap will be screwed on tightly immediately after filling the sample container.

- D. The sampling sequence will begin with the well having the least suspected contamination. Successive samples will be obtained from wells of increasing suspected contamination. If the relative degree of contamination at each well cannot be reasonably assumed, the sampling sequence will be arranged in such a way that wells are sampled in order of increasing proximity to the suspected source of contamination.

2.2 Sample Labelling

Sample containers were labelled with self-adhesive tags. Field personnel shall label each tag, using waterproof ink, with the following information:

- A. Project number
- B. Sample number
- C. Date and time samples were obtained
- D. Treatment (preservative added, filtered, etc.)
- E. Initials of sample collector(s)

2.3 Sample Storage and Transportation

Subsequent to collection, the samples shall be immediately stored on packed ice or blue ice in an appropriate container. Samples shall be transported under chain-of-custody procedures to a State-certified analytical laboratory on the day of their collection.

2.4 Quality Assurance

In order to document the precision and accuracy of analytical data generated by the subcontracted analytical laboratory, one or more of the following procedures will be employed at a frequency determined by the Project Manager:

A. **Duplicate Sample** - A double volume of water is collected and preserved. The sample is then divided into identical containers that are given different location identification names or sample numbers. These numbers are recorded in a field log book for later reference. Both samples are submitted to a laboratory for identical analyses.

C. **Blank Sample** - Blank samples consist of travel blanks and field blanks. A travel blank consists of certified deionized water that is added to the various sample bottles by the analytical laboratory before the sampling kits are delivered to the Site Engineer or Geologist. Travel blanks will be kept in separate containers from the water samples collected onsite. A field blank consists of certified deionized water that was added to the sample bottles at the time of the sample collection.

3.0 DOCUMENTATION

3.1 Log Book

A field log book or individual log sheets shall be maintained throughout the sampling operations. The following information was recorded:

- o Sample number
- o Date and time sampled
- o Sampling location
- o Types of sampling equipment used
- o Name of sampler(s)

3.2 Chain-of-Custody

After samples have been collected and labelled, they will be maintained under chain-of-custody procedures. These procedures document the transfer of custody of samples from the field to a designated laboratory.

A Chain-of-Custody Record will be filled out for each shipment of samples to be sent to the laboratory for analysis. Information contained on the duplicate, carbonless form shall include:

- o date and time the sample was taken
- o sample number and the number of containers
- o analyses required
- o remarks including preservatives added and any special conditions
- o container number in which sample has been packaged

Cross out any blank space on the Chain-of-Custody Record between last sample number listed and signatures at the bottom of the sheet, was crossed out.

After carefully packaging the samples into numbered containers for transfer to the laboratory, the field sampler will sign the Chain-of-Custody Record and record the time and the date. The original imprint of the Chain-of-Custody Record will accompany the sample containers. The duplicate copy will be retained by the BRUNSING ASSOCIATE representative on the site.

Sample containers will be sealed with filament tape such that they may not be opened without breaking the seal. This seal is not to be removed until the container was opened at the laboratory.

When shipping the containers by a common carrier, a Bill of Lading should be used. Receipts of Bill of Lading should be retained as part of the documentation in the project file.

BRUNSING ASSOCIATES

Consulting Engineers

4.0 EQUIPMENT CLEANING

Sample bottles, bottle caps and septa will be cleaned by the analytical laboratory subcontractor using standard EPA-approved protocols. Sample bottles, bottle caps, and septa will be protected from solvent contact, dust or other contamination between time of receipt by the Site Engineer or Geologist and time of actual usage at the sampling site.

Sampling equipment will be cleaned after its use at each sampling location. Thermometers, pH electrodes, and conductivity probes shall also be cleaned after sampling of each well at a particular location.

Cleaning procedures shall be accomplished as follows:

- A. Scrub with a detergent-potable water solution or other solutions deemed appropriate using a hard bristle brush,
- B. Rinse with potable water,
- C. Rinse with organic-free or deionized water,
- D. Air-dry, and
- E. Package and seal equipment in plastic bags or other appropriate containers to prevent contact with solvents, dust, or other contaminants.

Care shall be taken to collect all excess solutions resulting from the cleaning procedures. These solutions will be contained in a prelabelled barrel and disposed of properly.

Appendix B

HEALTH AND SAFETY PLAN

Pacific Supply Company
West Oakland Site

1.0 INTRODUCTION

This document provides recommended health and safety procedures to be followed during the remedial investigation activities at the West Oakland site. The procedures presented herein are intended to serve as guidelines; they are not a substitute for the sound judgment of on-site personnel. As work progresses, and if warranted, appropriate revisions will be made and approved by the Project Manager.

2.0 SITE SPECIFICS

2.1 Type

Building Products Distribution Facility

2.2 History

An underground fuel storage tanks was excavated in May, 1987, when it was found to be leaking. Soil and vapor analysis indicates that gasoline contamination occurs in the vicinity of the excavation.

2.3 Existing Information on Chemical Hazards

Previous soil and vapor analysis in the immediate vicinity of the excavation indicate that gasoline occurs in concentrations as high as 3700 + 400 ppm, while benzene, toluene, and xylenes occur individually in concentrations of less than 10 ppm.

3.0 WORK DESCRIPTION

The work to which this health and safety plan applies is described below.

3.1 Sampling Activities

- A. Soil boring for continuous sampling
- B. Groundwater sampling

3.2 Soil boring Activities

- A. Installation of monitoring wells

4.0 HAZARD ASSESSMENT

According to Title 22 of the California Administrative Code, a waste or material is considered to be hazardous if it contains constituents of concern which exceed either the Soluble Threshold Limit Concentration (STLC) or the total Threshold Limit Concentration (TTLC) value. There are no STLC or TTLC standards set by the California Department of Health Services (DOHS) for benzene, toluene, or xylene. However, Drinking Water Standards have been established for these compounds and are presently 0.7 ppb, 10 ppb, and 10 ppb, respectively.

In dealing with any hazardous or potentially hazardous substance, all routes of exposure must be protected. Protection of the four basic routes of exposure (inhalation, skin absorption, ingestion, and eye contact) will be required as described in Section 5.0.

5.0 OPERATIONS

5.1 Inhalation

Breathing a gas, vapor, mist, fume, or dust is the most common accidental form of exposure, and this route of entry is the most likely to cause systemic illness.

Half face masks with organic vapor/acid gas cartridges and dust filters may be required while conducting sampling operations. No excessive facial hair, which interferes with a satisfactory fit of the mask-to-face seal, will be allowed on personnel required to wear respiratory protective equipment.

5.2 Skin Absorption

Skin exposure to hazardous materials may result in skin irritation or penetration. Skin penetration is probably the second most common accidental means of entry of chemicals into the body. The following precautions must be used when performing any on-site activities as described in this plan:

- o Insure that all skin areas which may be contacted are protected during the site work by wearing rubber boots and disposable coveralls and gloves.
- o After completing the day's work, remove and dispose of contaminated clothing in designated drums at the site.
- o Contaminated rags and other disposable items, such as gloves, should be bagged for disposal in the designated on-site drums, avoiding skin contact.

- o Boots and equipment which have come in contact with the soil at the site should be thoroughly cleaned in the designated area before leaving the site.
- o Unnecessary contact with contaminated or suspected contaminated surfaces should be avoided. Whenever possible, avoid walking through puddles, mud, and other discolored surfaces, kneeling on the ground, leaning, sitting, or placing equipment on drums, containers, vehicles, and the ground.

5.3 Ingestion

Hazardous material may be carried to the mouth by hand when eating, drinking, chewing gum or tobacco, or smoking. These activities are prohibited during and after work until decontamination procedures have been completed. Furthermore, liquids will not be pipetted or syphoned by mouth under any circumstances.

Hands and face must be thoroughly washed upon leaving the work area and before eating, drinking or any other ingestion occurs.

Medically-prescribed drugs used by personnel during response operations where the potential for absorption, inhalation, or ingestion of toxic substances exists should only be used after consultation with a qualified physician.

5.4 Eye Contact

The eyes may be harmed by chemicals in solid, liquid, or vapor form. Irritant effects vary in degree from mild to severe. Most chemicals have the ability to injure the eye to some degree through surface contact or absorption. The following precautions to avoid eye injury will be taken when entering the site:

- o Do not rub eyes while working.
- o Do not wear contact lenses when working in areas where hazardous materials may be encountered.
- o Safety goggles or glasses (without side perforations) may be required as deemed necessary by the Site Engineer or Geologist.

5.5 Other field procedures which shall be implemented at the West Oakland Site consistent with the protective practices listed above shall include:

- o All field operations will be performed by trained personnel familiar with the procedures.
- o The number of personnel and equipment in the contaminated area will be minimized consistent with site operations.

- o Work areas for support, contamination reduction, and disposal will be established at the site.
- o Decontamination procedures for leaving the site will be planned and implemented. Work area designations and decontamination procedures will be developed to meet site-specific conditions.

6.0 PERSONAL PROTECTIVE EQUIPMENT

- A. The chief constituent of concern at the site is expected to be gasoline. The protective equipment required at all times for work described at the West Oakland Site is as follows:
 - Rubber Gloves (disposable)
 - Coveralls (one-piece, Saranex-coated Tyvek or equivalent)
 - Boots (Neoprene, rubber or PVC)
- B. Half face masks with organic vapor/acid gas cartridges and dust filters will be worn at the discretion of the on-site Health and Safety officer.
- C. Safety goggles or glasses shall be worn at the discretion of the Site Engineer or Health and Safety Officer.
- D. Gloves and coveralls should be replaced daily; if they become damaged, they should be replaced immediately. Disposal receptacles will be provided. As mentioned above, boots and equipment which have come in contact with the soil should be cleaned thoroughly before leaving the site.

7.0 EMERGENCIES

The procedures listed below should be used in the event of an accident (physical injury or exposure to toxic materials):

1. Remove the injured or exposed person(s) from immediate danger.
2. Render FIRST AID if necessary.
3. Call AMBULANCE (often provided by FIRE DEPARTMENT) for transport to local hospital. This procedure should be followed even if there is no apparent serious injury. EMERGENCY NUMBERS ARE LISTED IN THIS HEALTH AND SAFETY PLAN.

4. Evacuate other on-site personnel to a safe place until the Project Manager determines that it is safe for work to resume.
5. Steps to prevent a recurrence of the accident should be implemented immediately.

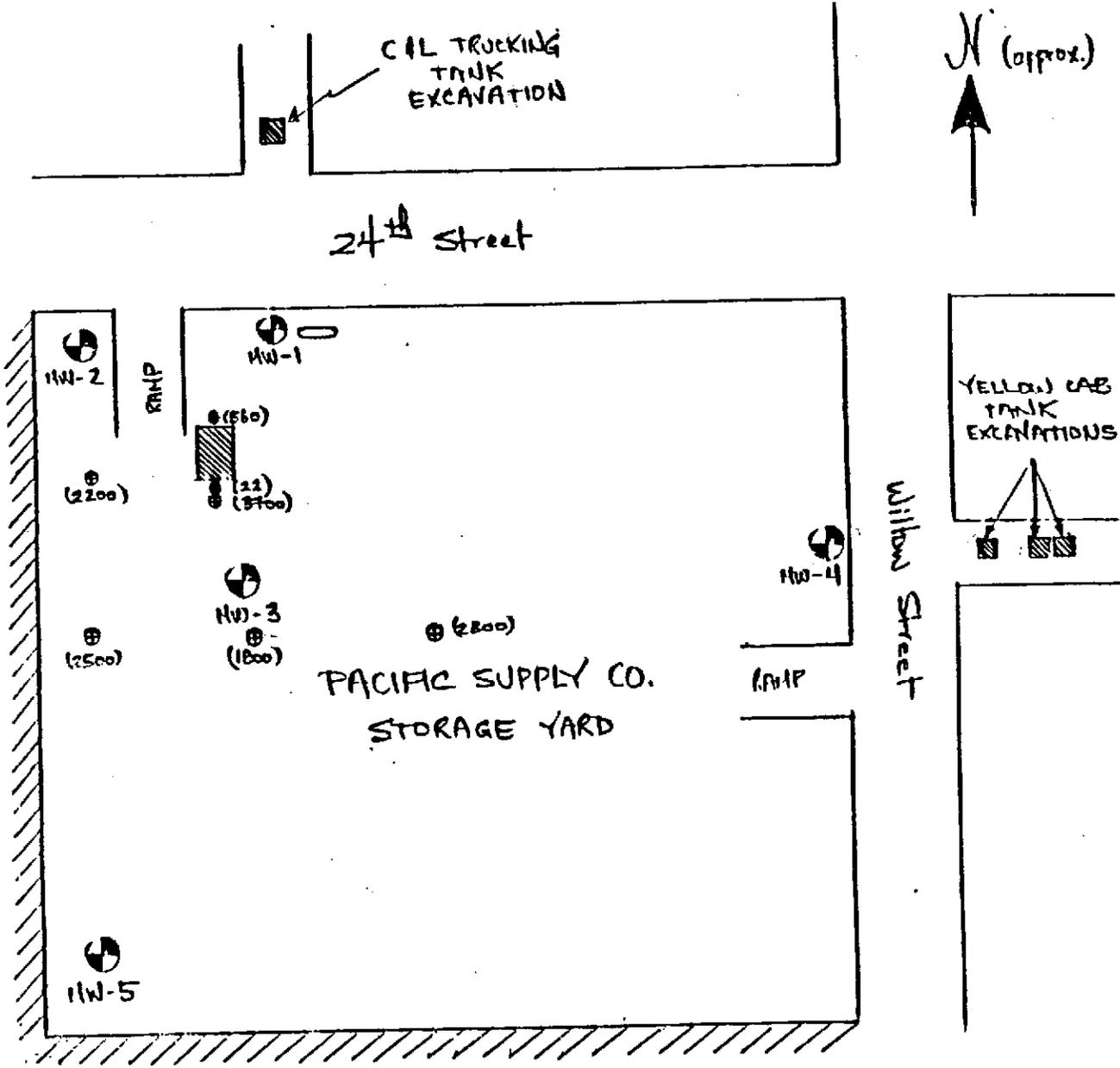
Emergency telephone numbers and addresses for the West Oakland area are:

Fire Department, Ambulance, and Police 911

Providence Hospital 415-835-4500
3100 Summit

8.0 HEALTH AND SAFETY MEETING

A safety orientation meeting will be held at this site before field work commences. The purpose of this meeting is to review this safety plan with all field personnel. All personnel will be required to read the plan and agree to comply with it.



NOT TO SCALE

LEGEND

-  PROPOSED MONITORING WELL LOCATION
-  SOIL ANALYSIS (mg/kg Total Hydrocarbon)
-  VAPOR ANALYSIS (ppm gasoline)

FIGURE 1.
 SITE MAP
 PACIFIC SUPPLY COMPANY
 WEST OAKLAND SITE

sey

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

EMERGENCY YES NO HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? YES NO

FOR LOCAL AGENCY USE ONLY
I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25180.7 OF THE HEALTH AND SAFETY CODE

REPORT DATE: 0 M 2 M 0 D 2 D 8 V 8 Y CASE #

SIGNED: [Signature] DATE: 7 15 88

REPORTED BY: NAME OF INDIVIDUAL FILING REPORT: PHIL HARLESS
PHONE: (916) 444-9304
SIGNATURE: [Signature]
REPRESENTING: OWNER/OPERATOR REGIONAL BOARD
 LOCAL AGENCY OTHER
COMPANY OR AGENCY NAME: PACIFIC COAST BUILDING PRODUCTS, INC.
ADDRESS: 3001 "I" STREET ST. CITY: SACRAMENTO STATE: CA ZIP: 95816

RESPONSIBLE PARTY: NAME: PACIFIC COAST BUILDING PROD UNKNOWN
CONTACT PERSON: PHIL HARLESS
PHONE: (916) 444-9304
ADDRESS: 3001 "I" ST STREET SACRAMENTO CITY CA STATE CA ZIP 95816

SITE LOCATION: FACILITY NAME (IF APPLICABLE): PACIFIC SUPPLY
OPERATOR: MANAGER HARRY MCINTOSH
PHONE: (415) 832-5734
ADDRESS: 1735 24TH STREET ST. OAKLAND ALAMEDA 94623
CITY COUNTY ZIP
CROSS STREET: WILLOW TYPE OF AREA: COMMERCIAL INDUSTRIAL RURAL
TYPE OF BUSINESS: RETAIL FUEL STATION OTHER FUEL FORWARD USE

IMPLEMENTING AGENCIES: LOCAL AGENCY: ALAMEDA COUNTY HEALTH
AGENCY NAME: CONTACT PERSON: STORM GORANSON
PHONE: (415) 874-7237
REGIONAL BOARD: SF BAY
CONTACT PERSON: GREG ZINTNER
PHONE: (415) 464-7255

SUBSTANCES INVOLVED: (1) GASOLINE QUANTITY LOST (GALLONS) UNKNOWN
(2) UNKNOWN

DISCOVERY/ABATEMENT: DATE DISCOVERED: 0 M 1 M 2 D 5 D 8 V 8 Y HOW DISCOVERED: INVENTORY CONTROL SUBSURFACE MONITORING NUISANCE CONDITIONS
 TANK TEST TANK REMOVAL OTHER
DATE DISCHARGE BEGAN: UNKNOWN METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY):
 REMOVE CONTENTS REPLACE TANK CLOSE TANK
 REPAIR TANK REPAIR PIPING CHANGE PROCEDURE
HAS DISCHARGE BEEN STOPPED? YES NO IF YES, DATE: 0 M 1 M 2 D 5 D 8 V 8 Y TANK EMPTIED IN JULY
 OTHER: REMOVE TANK

SOURCE/CAUSE: SOURCE OF DISCHARGE: TANK LEAK UNKNOWN PIPING LEAK OTHER
TANKS ONLY/CAPACITY: 1000 GAL AGE: UNKNOWN YRS
MATERIAL: FIBERGLASS STEEL OTHER
CAUSE(S): OVERFILL RUPTURE/FAILURE CORROSION UNKNOWN SPILL OTHER

CASE TYPE: CHECK ONE ONLY: UNDETERMINED SOIL ONLY GROUNDWATER DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS: CHECK ONE ONLY: SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) CLEANUP IN PROGRESS SIGNED OFF (CLEANUP COMPLETED OR UNNECESSARY)
 NO ACTION TAKEN POST CLEANUP MONITORING IN PROGRESS NO FUNDS AVAILABLE TO PROCEED EVALUATING CLEANUP ALTERNATIVES

REMEDIAL ACTION: CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS):
 CAP SITE (CD) EXCAVATE & DISPOSE (ED) REMOVE FREE PRODUCT (FP) ENHANCED BIO DEGRADATION (IT)
 CONTAINMENT BARRIER (CB) EXCAVATE & TREAT (ET) PUMP & TREAT GROUNDWATER (GT) REPLACE SUPPLY (RS)
 TREATMENT AT HOOKUP (HU) NO ACTION REQUIRED (NA) OTHER (OT)

COMMENTS: STORM: HOPE THIS IS FILLED OUT CORRECTLY. IF I CAN ANSWER ANY OTHER QUESTIONS, PLEASE CALL [Signature]

ALAMEDA COUNTY
HEALTH CARE SERVICES



DAVID J. KEARS, AGENCY
DIRECTOR
XXXXXXXXXXXXXXXXXXXX

470-27th Street, Third Floor
Oakland, California 94612
(415) 874-7237

PACIFIC SUPPLY

FEB 01 1988

January 28, 1988

Pacific Supply
P.O. Box 24332
Oakland, CA 94623
Attn: Mr. Hang McIntosh

RE: Contaminated site at 1724 - 24th St., Oakland

Dear Mr. McIntosh:

In order to approve further work on the subject site, an additional \$300.00 deposit must be submitted to this office. In addition, you will need to submit an Unauthorized Release form by February 5, 1988.

If you have any questions regarding this matter, please contact Storm Goranson, Hazardous Materials Specialist at 874-7237.

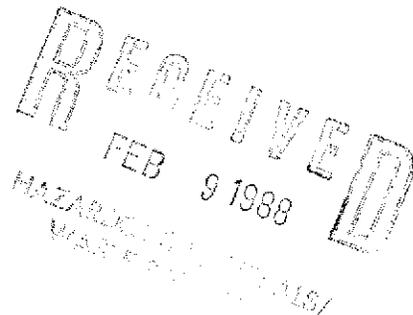
Sincerely,

Rafat A. Shahid
Rafat A. Shahid, Chief
Hazardous Materials Division

RAS:SG:mam

cc: File

Enclosure



Ment Rasmussen
9 rubm 235-1393

DRAFT

8. Contact Person for Investigation

Name Dick Bunge Title _____

Phone 261-9424

9. Total No. of Tanks at facility 1

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

11. State Registered Hazardous Waste Transporters/Facilities

a) Product/Waste Transporter

Name Ericksen EPA I.D. No. _____

Address _____

City _____ State _____ Zip _____

b) Rinsate Transporter

→ NO RINSATE

Name Ericksen EPA I.D. No. _____

Address _____

City _____ State _____ Zip _____

c) Tank Transporter

Name Ericksen EPA I.D. No. _____

Address _____

City Rehoboth State _____ Zip _____

d) Contaminated Soil Transporter

Name Johnston Ericksen EPA I.D. No. _____

Address _____

City _____ State _____ Zip _____

12. Sample Collector

? →

Name Robert Ericksen Trace Analysis

Company _____

Address _____

City Rehoboth State _____ Zip _____ Phone _____

Hayward

DRAFT

13. Sampling Information for each tank or area

Tank or Area		Material sampled	Location & Depth
Capacity <i>1000 gal gasoline</i>	Historic Contents (past 5 years) <i>UNK</i>		<i>gasoline TFPH, TPH, BTXE well do water, too.</i>

history → 14. Have tanks or pipes leaked in the past? Yes [] No []
If yes, describe. *leak in fuel spout, Tank OK*

15. NFPA methods used for rendering tank inert? Yes [] No []
If yes, describe. _____

16. Laboratories
→ Name *Offering Lab* *Therese Analytic Lab*
Address _____
City _____ State _____ Zip _____
State Certification No. _____

17. Chemical Methods to be used for Analyzing Samples

DRAFT

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Number
<p><i>Soul</i> <i>TPHA, BTEX, TPA</i></p> <p><i>Water</i> <i>TPHA, BTEX</i></p>		

18. Site Safety Plan submitted? Yes [] No []

19. Workman's Compensation: Yes No []

Copy of Certificate enclosed? Yes [] No []

→ X Name of Insurer _____

20. Plot Plan submitted? Yes No []

21. Deposit enclosed? Yes No []

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

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

DRAFT

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

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

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

Signature of Contractor

Name (please type) _____

Signature _____

Date _____

Signature of Site Owner or Operator

Name (please type) _____

Signature _____

Date _____

NOTES:

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

DRAFT

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

ATTACHMENT A

SAMPLING RESULTS

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

INSTRUCTIONS2. SITE ADDRESS

Address at which closure or modification is taking place.

5. EPA I.D. NO.

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

6. CONTRACTOR

Prime contractor for the project.

7. OTHER

List professional consultants here.

12. SAMPLE COLLECTOR

Persons who are collecting samples.

13. SAMPLING INFORMATION

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

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

16. LABORATORIES

Laboratories used for chemical and geotechnical analyses.

17. CHEMICAL METHODS:

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

Contaminant - Specify the chemical to be analyzed.

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

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

NOTE:

Method Numbers are available from certified laboratories.

18. SITE SAFETY PLAN

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

DRAFT

19. ATTACH COPY OF WORKMAN'S COMPENSATION

20. PLOT PLAN

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

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

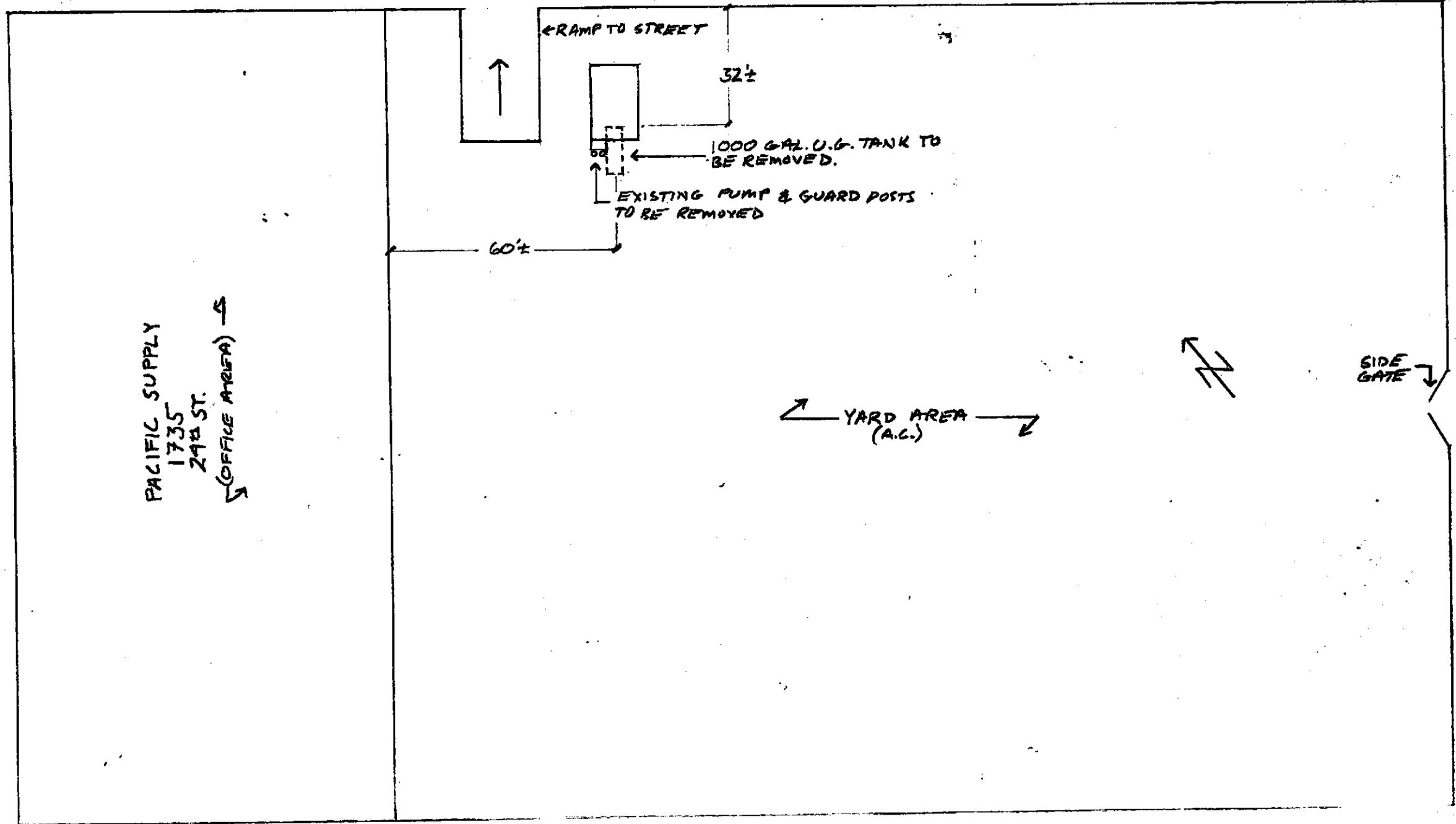
1/88

R. W. JOHNSTON & SON

GENERAL CONTRACTORS

801 - 53RD AVENUE
OAKLAND, CALIFORNIA 94601

SCALE: 1/32" = 1'-0"

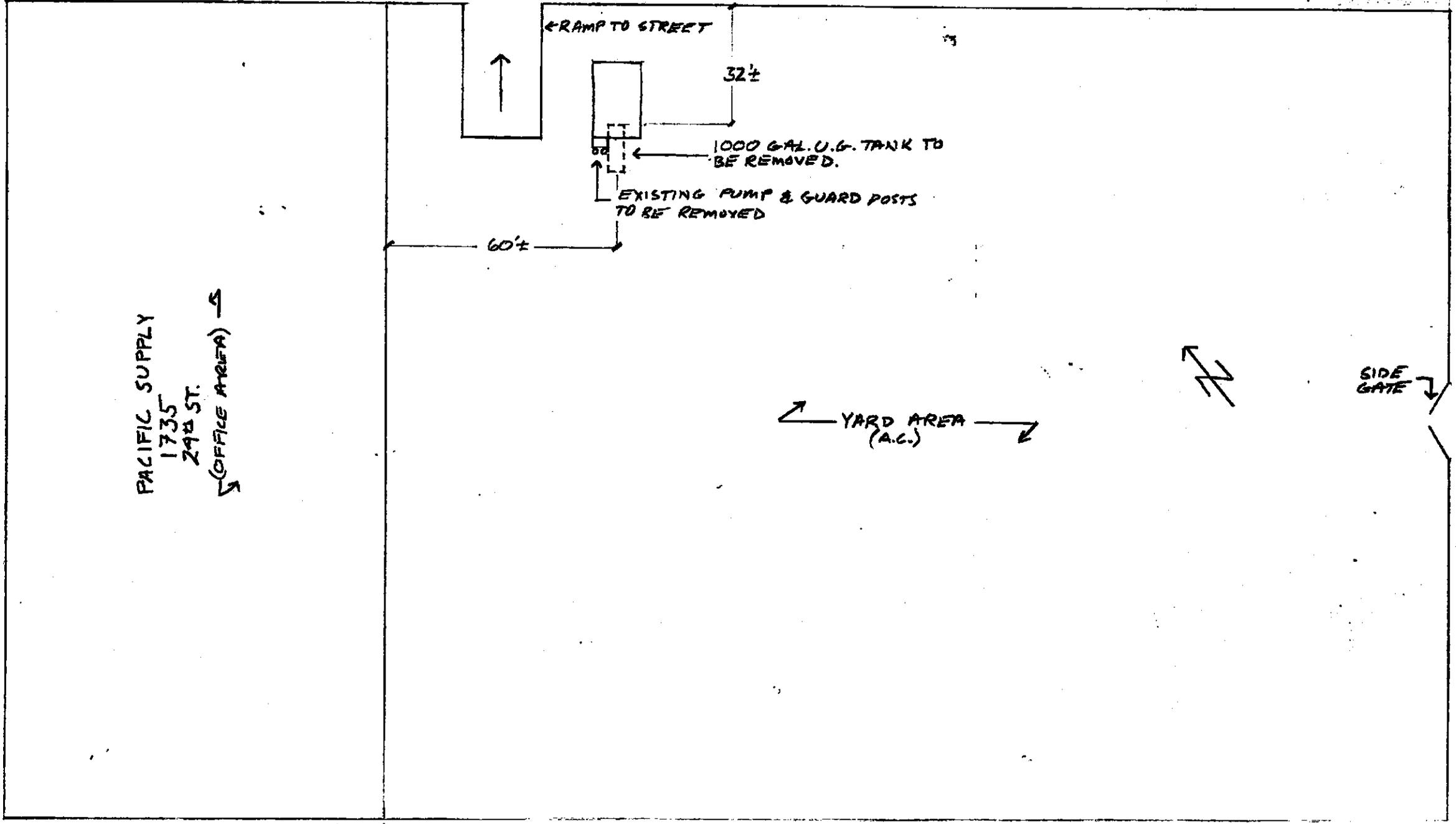


R. W. JOHNSTON & SON
GENERAL CONTRACTORS

801 - 53RD AVENUE
OAKLAND, CALIFORNIA 94601

SCALE: 1/32" = 1'-0"

24th ST.



PACIFIC SUPPLY
1735
24th ST.
(OFFICE AREA) →

← YARD AREA (A.C.) →

SIDE GATE

WILLOW ST

R.W. JOHNSTON & SON
801 - 53RD Avenue
Oakland, CA 94601
Cal State Contractors Lic#289839

O.S.H.A. (ACCIDENT PREVENTION PROGRAM) FOR ALL FOREMEN

I. Planning for Construction Work

In advance of starting any construction work the following should be considered:

- A. Workers and Equipment Access Movement at Work Site
 - 1. Adequate work areas.
 - 2. Walkways, runways, ladders, stairs and roads.
 - a) clear of debris at all times.
 - 3. All floor, roof and excavation openings shall be protected.
 - 4. When working during darkness provide adequate lighting.
- B. Location of Temporary Facilities
 - 1. Consider location of all existing and future utilities when locating temporary office, tool sheds, toilets, and drinking water.
- C. Schedule Work for Safety
 - 1. Have all safety equipment ready when needed (shoring, first aid, and personal protective equipment).
 - 2. Plan work so that too many people are not in a small area at the same time.
- D. Work Procedures
 - 1. Use proper equipment for each job.
 - a) cranes, fork trucks, back hoes and trucks.
 - 2. Use proper tools specifically designed for the work being done.
 - 3. Train all workers in proper use of tools and equipment.
 - 4. Provide for (tail gate) safety meetings each week, or as necessary.
 - 5. Have adequate manpower available.
 - 6. Post all safety regulations and posters required.

II. Code of Safe Practices

General

1. All persons shall follow these safe practices rules, render every possible aid to safe operations, and report all unsafe conditions or practices to the foreman or superintendent.
2. Foremen shall insist on employees observing and obeying every rule, regulation, and order as is necessary to the safe conduct of the work, and shall take such action as is necessary to obtain observance.
3. All employees shall be given frequent accident prevention instructions. Instructions shall be given at least every 10 working days.
4. Anyone known to be under the influence of drugs or intoxicating substances which impair the employee's ability to safely perform the assigned duties shall not be allowed on the job while in that condition.
5. Horseplay, scuffling, and other acts which tend to have an adverse influence on the safety or well-being of the employees shall be prohibited.
6. Work shall be well planned and supervised to prevent injuries in the handling of materials and in working together with equipment.
7. No one shall knowingly be permitted or required to work while the employee's ability or alertness is so impaired by fatigue, illness, or other causes that it might unnecessarily expose the employee or others to injury.
8. Employees shall not enter manholes, underground vaults, chambers, tanks, silos, or other similar places that receive little ventilation, unless it has been determined that it is safe to enter.
9. Employees shall be instructed to ensure that all guards and other protective devices are in proper places and adjusted, and shall report deficiencies promptly to the foreman or superintendent.
10. Workers shall not handle or tamper with any electrical equipment, machinery, or air or water lines in a manner not within the scope of their duties, unless they have received instructions from their foreman.
11. All injuries shall be reported promptly to the foreman or superintendent so that arrangements can be made for medical or first aid treatment.
12. When lifting heavy objects, the large muscles of the leg instead of the smaller muscles of the back shall be used.
13. Inappropriate footwear or shoes with thin or badly worn soles shall not be worn.
14. Materials, tools, or other objects shall not be thrown from buildings or structures until proper precautions are taken to protect others from the falling objects.
15. Employees shall cleanse thoroughly after handling hazardous substances, and follow special instructions from authorized sources.
16. Work shall be so arranged that employees are able to face ladder and use both hands while climbing.
17. Gasoline shall not be used for cleaning purposes.

Code of Safety Practices

18. No burning, welding, or other source of ignition shall be applied to any enclosed tank or vessel, even if there are some openings, until it has first been determined that no possibility of explosion exists, and authority for the work is obtained from the foreman or superintendent.
19. Any damage to scaffolds, falsework, or other supporting structures shall be immediately reported to the foreman and repaired before use.
20. All work on gasoline tanks and piping must be done per National Fire Protection Authority regulations.

Use of Tools and Equipment

21. All tools and equipment shall be maintained in good condition.
22. Damaged tools or equipment shall be removed from service and tagged "DEFECTIVE."
23. Pipe or Stillson wrenches shall not be used as a substitute for other wrenches.
24. Only appropriate tools shall be used for the job.
25. Wrenches shall not be altered by the addition of handle-extensions or "cheaters."
26. Files shall be equipped with handles and not used to punch or pry.
27. A screwdriver shall not be used as a chisel.
28. Wheelbarrows shall not be pushed with handles in an upright position.
29. Portable electric tools shall not be lifted or lowered by means of the power cord. Ropes shall be used.
30. Electric cords shall not be exposed to damage from vehicles.
31. In locations where the use of a portable power tool is difficult, the tool shall be supported by means of a rope or similar support of adequate strength.

Machinery and Vehicles

32. Only authorized persons shall operate machinery or equipment.
33. Loose or frayed clothing, or long hair, dangling ties, finger rings, etc., shall not be worn around moving machinery or other sources of entanglement.
34. Machinery shall not be serviced, repaired or adjusted while in operation, nor shall oiling of moving parts be attempted, except on equipment that is designed or fitted with safeguards to protect the person performing the work.
35. Where appropriate, lock-out procedures shall be used.
36. Employees shall not work under vehicles supported by jacks or chain hoists, without protective blocking that will prevent injury if jacks or hoists should fail.
37. Air hoses shall not be disconnected at compressors until hose line has been bled.
38. All excavations shall be visually inspected before backfilling, to ensure that it is safe to backfill.
39. Excavating equipment shall not be operated near tops of cuts, banks, and cliffs if employees are working below.

Code of Safety Practices

40. Tractors, bulldozers, scrapers and carryalls shall not operate where there is possibility of overturning in dangerous areas like edges of deep fills, cut banks, and steep slopes.

Blasting Operations

1. Any blasting necessary or required shall be subcontracted to a contractor properly licensed and experienced for this work.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Director



Department of Environmental Health
Hazardous Materials Division
80 Swan Way, Room 200
Oakland, CA 94621

Telephone Number: (415) 271-4320

August 8, 1988

Jim Anderson
Mr. Henry McIntoch
Pacific Supply
P. O. Box 24332
Oakland, CA 94623

SUBJECT: CONTAMINATED SITE, 1724 - 24TH ST., OAKLAND

Dear Mr. McIntoch:

Please advise this office of the status of the site assessment and remediation plan for this site.

Should you have any questions regarding this matter, please contact Lowell Miller, Senior Hazardous Materials Specialist at 271-4320.

Sincerely,

RAS
Rafat A. Shahid, Chief
Hazardous Materials Division

RAS:mam