

ALAMEDA COUNTY HEALTH SERVICES



AGENCY

DAVID J. KEARS, Agency Director



6602 Owens Drive, Suite 100 Pleasanton, CA 94588 Tel: 925-460-5300 Fax: 925-463-2559

ATC has grown into one of the nation's largest environmental consulting, engineering, and construction services companies with an ENR rating of 29 among the top 200 environmental firms in the U.S. Our service areas include:



environmental



building science



infrastructure



geotechnical and material testing



information systems



training

DATE:

July 17, 2000

TO:

Susan Hugo

COMPANY:

Alameda County Env. Health Service

PHONE:

FAX:

(510) 337-9335

FROM:

Marni Burns

PHONE:

FAX:

925-460-5300 -> Direct line - 225-7845
925-463-2559

PAGES (incl. cover):

2

SUBJECT:

2020 Sherman Avenue, Alameda

Ms. Hugo -

Attached is the Remedial Completion certificate. Please let me know if you have this file or if you have any information regarding the condition of the property -

Thank you,

Marni Burns

For more information, visit our website: www.atc-enviro.com

CONFIDENTIALITY NOTICE: The documents accompanying this fax transmission contain confidential and privileged information intended for the exclusive use of the individual or entity named above. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of the documents accompanying this fax transmission is strictly prohibited. If you have received this fax in error, please immediately notify us by telephone to arrange for its return. Thank you.

SANGER & OLSON

A LAW CORPORATION

ONE EMBARCADERO CENTER
TWELFTH FLOOR
SAN FRANCISCO, CALIFORNIA 94111-3617
TEL. 415.693.9300 FAX 415.693-9322
REAL.ESTATE@SANGER-OLSON.COM

February 8, 2000

VIA UNITED STATES MAIL

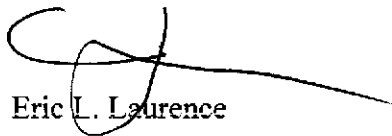
Mr. Thomas Peacock
Manager, Environmental Protection
ALAMEDA COUNTY DEPARTMENT OF
ENVIRONMENTAL HEALTH
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94503

**Re: Wind River Systems, Inc.
Alameda Campus: Notice of Environmental Restriction**

Dear Mr. Peacock:

Enclosed find a copy of the Notice of Environmental Restriction you approved at the end of last December in connection with the referenced property, recorded on January 19, 2000 in the Official Records of Alameda County.

Very truly yours,



Eric L. Laurence

ELL/gt

Enclosure

cc: Mr. Richard Kraber (w/encl.)

F:\DATA\doc\0116\0003\com\Peacock Letter-05.doc

ENVIRONMENTAL
PROTECTION
00 FEB -9 PM 3:20

First American Title

Order Number: 158312

Description:

RECEIVED
FEB 08 2000
SANGER & OLSON

<i>State</i>	<i>County</i>	<i>Type</i>	<i>Document Information</i>	<i>Pages</i>	<i>Copies</i>	<i>Status</i>
CA	Alameda	Daily Documents	0.15417	4	1	Printing

SANGER & OLSON

LAW CORPORATION

ONE EMBARCADERO CENTER
TWELFTH FLOOR
SAN FRANCISCO, CALIFORNIA 94111-3617
TEL 415.693.9300 FAX 415.693.9322
REAL.ESTATE@SANGER-OLSON.COM

Thursday, January 20, 2000

FACSIMILE TRANSMITTAL TO:

Name	Firm	Telephone	Fax Number
Mr. Thomas Peacock	DEPT.OF ENVIR. HEALTH		510-337-9335
cc: Mr. Richard W. Kraber	WIND RIVER SYSTEMS		510-749-2526
cc: Mr. Edward Pike	THE EDWARD PIKE CO.		925-299-4877
cc: Mr. Al Ridley	WOODWARD-CLYDE INT'L		510-874-3268

From: Eric L. Laurence, Esq.**Re:** Wind River Systems Property aka 2020 Sherman Drive, Alameda**Number of Pages:** 2 (including this cover sheet)**Client/Matter #:** 0116/0003**Message:**

THE INFORMATION CONTAINED IN THIS FACSIMILE MESSAGE IS CONFIDENTIAL AND MAY BE LEGALLY PROTECTED BY THE ATTORNEY/CLIENT PRIVILEGE OR THE ATTORNEY WORK PRODUCT DOCTRINE. IT IS INTENDED ONLY FOR THE USE OF THE RECIPIENT(S) NAMED ABOVE IN THIS FACSIMILE. IF THE PERSON ACTUALLY RECEIVING THIS FACSIMILE OR ANY OTHER READER IS NOT THE PERSON TO WHOM IT IS ADDRESSED OR NOT RESPONSIBLE TO DELIVER IT TO THE NAMED RECIPIENT(S), ITS USE OR COMMUNICATION IS STRICTLY PROHIBITED. IF YOU RECEIVE THIS MESSAGE IN ERROR, PLEASE CALL US COLLECT IMMEDIATELY AND RETURN THE ORIGINAL MESSAGE BY MAIL TO US. THANK YOU.

SANGER & OLSON

ONE EMBARCADERO CENTER
TWELFTH FLOOR
SAN FRANCISCO, CALIFORNIA 94111-3617
TEL. 415.693.9300 FAX 415.693-9322
REAL.ESTATE@SANGER-OLSON.COM

January 20, 2000

VIA FACSIMILE: 510-337-9335

Mr. Thomas Peacock
Manager, Environmental Protection
ALAMEDA COUNTY DEPARTMENT OF
ENVIRONMENTAL HEALTH
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94503

Re: Wind River Systems Property aka 2020 Sherman Drive, Alameda

Dear Mr. Peacock:

Thank you for your letter to me dated December 30, 1999 regarding the referenced site and for your prompt attention to this matter. We have arranged for the Notice of Environmental Restriction to be recorded and will forward a recorded copy of that document to you when we receive it (which will likely be a few weeks).

~~We are writing to request a receipt for the \$6,000.00 in fees paid to ACDEH for~~
~~of Wind River's remediation plan and a written accounting of all other fees and costs paid by~~
~~Wind River Systems in connection with the referenced site, as well as an accounting of~~
~~staff time on this matter.~~ If any fees remain to be paid, please send us an invoice detailing those services to which such charges are attributable. If the accounting indicates an overpayment by Wind River, please remit a check for the balance to this office at your earliest convenience.

Very truly yours,



Eric L. Laurence

ELL:am

cc (via fax):

- Mr. Richard Kraber
- Mr. Edward Pike
- Mr. Al Ridley
- Charles R. Olson, Esq.

SANGER & OLSON

A LAW CORPORATION

ONE EMBARCADERO CENTER
TWELFTH FLOOR
SAN FRANCISCO, CALIFORNIA 94111-3617
TEL. 415.693.9300 FAX 415.693-9322
REAL.ESTATE@SANGER-OLSON.COM

99 DEC 30 PM 12:06
ENVIRONMENTAL
PROTECTION

December 30, 1999

VIA HAND DELIVERY

Mr. Thomas Peacock
ALAMEDA COUNTY DEPARTMENT OF
ENVIRONMENTAL HEALTH
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94503

RE: Encinal Real Estate/2020 Sherman Drive, Alameda, CA
Site ID No. 4864
Project No. 2380A

Dear Mr. Peacock:

This letter will confirm our telephone conversation of December 29, 1999 in connection with the above matter, in which you, I and Jay Wallace, Esq. participated.

As we discussed, enclosed please find the following documents:

- (1) "As-Built" Report, Addendum to Risk Management Plan for Soil Impacted by TPH-Motor Oil, Wind River Site, Alameda, California, prepared by URS Greiner Woodward Clyde, dated November 24, 1998;
- (2) a letter from Mr. David Valeska, Planning Department, City of Alameda to Eric Laurence, Esq., Sanger & Olson Attorneys, dated December 27, 1999, acknowledging that the document entitled "Notice of Environmental Restriction" is acceptable to the City of Alameda; and
- (3) a copy of Ms. Madhullah Logan's letter dated September 15, 1997 requesting the above-referenced documents in order to issue a final Closure Letter for the referenced site with respect to TPH - Motor Oil Impacted Soil.

With the submission of the As-Built Report and the City of Alameda letter dated December 27, 1999, Wind River Systems has now satisfied the last two remaining conditions described in Ms. Logan's letter dated September 15, 1997, and we believe this matter may now

S A N G E R & O L S O N

Mr. Thomas Peacock
December 30, 1999
Page 2

be closed. As I indicated, Wind River's lender has requested a copy of the Closure Letter by close of business on December 30, 1999 in connection with the financing of Buildings 3 and 4 on the Wind River site. Accordingly, we are respectfully requesting that you issue a Closure Letter immediately and fax us a copy of the same before the close of business today.

Also, please find enclosed a check in the amount of Six Thousand Dollars (\$6,000.00) to cover any outstanding charges for staff review time by your Department in connection with this matter. As we discussed, and you agreed, your Department will provide us with an accounting of all charges and prior payments, and will remit any excess payments, if any, to us following such accounting. Alternatively, to the extent any additional charges are outstanding, please let us know the amount of any additional payment required by your Department.

We want to thank you in advance for your prompt attention to this matter, or for your assistance to date in sorting through this matter. If you have any questions, please contact me or Jay Wallace, Esq. at (415) 693-9300.

Very truly yours,



Charles R. Olson

CRO/sb

cc: Mr. Richard Kraber
Pamela J. Martinson, Esq. (via facsimile)
Jay S. Wallace, Esq.



City of Alameda • California

Mr. E. Laurence
Sanger & Olsen Attorneys
One Embarcadero Center
San Francisco CA 94111
(Sent by FAX 415-693-9322)

December 27, 1999

RE: Wind River Remediation Closeout

Dear Mr. Laurence:

The City of Alameda City Attorney's Office has reviewed the draft enforceable restriction sent by your office this week, regarding remediation of soils materials by permanent paving. The City Attorney's Office has no comment on the text. Please notify the City when the enforceable restriction is recorded; thank you.

Sincerely,

David Valeska
Planner III

g:\curr\corr\5\windrivr\restrict

Planning Department

2263 Santa Clara Avenue, Room 120
Alameda, California 94501
510 748.4554 • Fax 510 748.4593 • TDD 510 522.7538

**RECORDING REQUESTED BY AND
WHEN RECORDED MAIL TO:**

**SANGER & OLSON
One Embarcadero Center, Suite 1200
San Francisco, CA 94111-3617**

Attention: John M. Sanger, Esq.

No Tax Due

**NOTICE OF ENVIRONMENTAL RESTRICTION
(Civil Code Section 1471)**

THIS NOTICE OF ENVIRONMENTAL RESTRICTION is made as of December __, 1999 by WIND RIVER SYSTEMS, INC., a Delaware corporation ("WRS"), the owner of that certain property situated in the City and County of Alameda, California, more particularly described as follows (the "Property"):

Parcel 1 as described on that certain Parcel Map 7374 dated January 6, 1999 and recorded March 23, 1999, in the Records of Alameda County in Map Book 244 at Pages 19, 20 and 21.

A. URS Greiner Woodward Clyde ("URSGWC") has prepared a risk management plan dated July 1, 1997, as amended by Addenda dated September 1, 1997 and November 24, 1998 ("RMP"), which provides for on-site management of soil impacted by total petroleum hydrocarbons from motor oil ("TPH-motor oil") present on a portion of the Property in a manner consistent with the planned commercial/industrial land use and protective of human health and the environment.

B. It is intended that, when development of the Property is complete, buildings, asphalt parking lots, landscaping and access drives and paths will cover the entire site and any residual TPH-motor oil contamination.

C. Areas of the Property known to contain soil with TPH-motor oil contamination at levels exceeding 1,000 mg/kg are delineated on **Exhibit A** attached hereto (the "Delineated Area"). Soils in the Delineated Area require management in accordance with the RMP.

1. Restriction. WRS hereby covenants, for the benefit of the City of Alameda and on behalf of itself and all successive owners of the Property, that WRS, while it is the owner, and all successive owners shall, prior to disturbing soils in the Delineated Area, notify the City of Alameda and the County of Alameda Department of Environmental Health, and will conduct any activities that could disturb soils in the Delineated Area in accordance with the RMP. This covenant shall run with the land and be binding on successive owners of all or any portion of the Property for the benefit of the City of Alameda pursuant to Civil Code Section 1471, or any successor statute.

STATE OF CALIFORNIA)
) SS.
COUNTY OF _____)

On _____, _____, before me, the undersigned, a Notary Public for the State of California, personally appeared _____, proved to me on the basis of satisfactory evidence (or personally known to me) to be the person(s) whose name(s) are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacities, and that by his/her/their signatures on the instrument the person(s) or the entity on behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public
L.S. My Commission Expires: _____

OPTIONAL

THIS CERTIFICATE IS TO BE ATTACHED TO THE DOCUMENT DESCRIBED AT RIGHT:
[Not required by law but recommended to avoid fraudulent reattachment.]

TITLE OR TYPE OF DOCUMENT _____

NUMBER OF PAGES _____ DATE OF DOCUMENT _____

SANGER & OLSON

A LAW CORPORATION

ONE EMBARCADERO CENTER
TWELFTH FLOOR
SAN FRANCISCO, CALIFORNIA 94111-3617
TEL 415.693.9300 FAX 415.693.9322
REAL.ESTATE@SANGER-OLSON.COM

ST 10 4869

Monday, December 27, 1999

FACSIMILE TRANSMITTAL TO:

Name	Firm	Telephone	Fax Number
Mr. Thomas Peacock	DEPT. OF ENVIR. HEALTH		510-337-9335
Mr. Dave Valeska	CITY OF ALAMEDA		510-748-4593

From: Eric L. Laurence, Esq.**Re:** Wind River System Property, Alameda, California**Number of Pages:** 4 (including this cover sheet)**Client/Matter #:** 0116/0003**Message:**

THE INFORMATION CONTAINED IN THIS FACSIMILE MESSAGE IS CONFIDENTIAL AND MAY BE LEGALLY PROTECTED BY THE ATTORNEY/CLIENT PRIVILEGE OR THE ATTORNEY WORK PRODUCT DOCTRINE. IT IS INTENDED ONLY FOR THE USE OF THE RECIPIENT(S) NAMED ABOVE IN THIS FACSIMILE. IF THE PERSON ACTUALLY RECEIVING THIS FACSIMILE OR ANY OTHER READER IS NOT THE PERSON TO WHOM IT IS ADDRESSED OR NOT RESPONSIBLE TO DELIVER IT TO THE NAMED RECIPIENT(S), ITS USE OR COMMUNICATION IS STRICTLY PROHIBITED. IF YOU RECEIVE THIS MESSAGE IN ERROR, PLEASE CALL US COLLECT IMMEDIATELY AND RETURN THE ORIGINAL MESSAGE BY MAIL TO US. THANK YOU.

SANGER & OLSON

A LAW CORPORATION

ONE EMBARCADERO CENTER
TWELFTH FLOOR
SAN FRANCISCO, CALIFORNIA 94111-3617
TEL. 415.693.9300 FAX 415.693.9322
REAL.ESTATE@SANGER-OLSON.COM

December 27, 1999

VIA FACSIMILE: 510-337-9335

Mr. Thomas Peacock
ALAMEDA COUNTY DEPARTMENT OF
ENVIRONMENTAL HEALTH
1131 Harbor Bay Parkway
Alameda, CA 94503

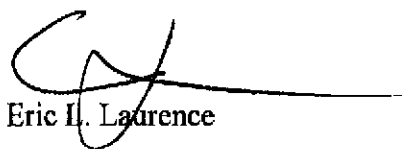
Re: Wind River Systems Property, Alameda, California

Dear Mr. Peacock:

Enclosed find the letter from Madhulla Logan to Peter Wang (former owner of the referenced property) dated September 15, 1997, to which I referred in our conversation today, in which Ms. Logan states that to obtain final closure from ACDEH, (i) soils with TPH concentrations higher than 1,000 ppm need to be identified and (ii) a method for transmitting to future buyers the RMP requirements regarding such soils has to be provided. We believe the deed restriction I sent to your office and to the City of Alameda last week (to the attention of Ms. Logan) fulfills both requirements and are requesting immediate issuance of a final closure letter.

As you requested when we spoke today, I will call you later this week to learn whether you have assigned this case to another person or have any questions regarding the proposed deed restriction.

Very truly yours,


Eric H. Laurence

ELL:am

Enclosure

cc: Mr. Dave Valeska (via fax, w/encl.)
Charles R. Olson, Esq.

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) 587-6700
FAX (510) 337-9335

September 15, 1997

Mr. Peter Wang,
PO Box 2453
Alameda, CA - 94501

Ref: Encinal Real Estate, 2020 Sherman Drive, Alameda, CA

Dear Mr. Wang:

I am in receipt of the documents, "Risk Management Plan for Soil Impacted by TPH", dated July 1, 1997, Addendum to the Risk Management Plan, dated September 11, 1997, and a response letter dated September 16, 1997, prepared by Woodward-Clyde Consultants for the above referenced project.

This Department has reviewed all the pertinent information submitted with regards to the referenced property. The risk management plan addresses both the construction and post-construction scenarios to manage the TPH-motor oil on site, and includes discussion on health and safety protocols (which needs to follow OSHA guidelines), dust control, management methods of TPH contaminated soils, and the protocols to be followed by on-site workers, etc. Also, additional soil sampling documented in the addendum to the risk management plan, indicates that the extent of soil with TPH-motor oil exceeding the cleanup-levels is less than that identified previously.


Based on the information submitted, the Risk Management Plan (RMP) is acceptable to this Department. However, prior to obtaining a final closure from this Department, the following information regarding the TPH-motor oil contamination still needs to be submitted:

1. It is mentioned in the RMP that confirmation soil samples will be collected to define the extent of TPH contamination which in turn will be documented in a "as built" report. The "as built" report which identifies the placement of soils with TPH concentrations higher than 1000 ppm needs to be submitted to this Department.

2. Also, after finalizing the "as built report" you have chosen to complete the notification procedure, by submitting a copy of the risk management plan to the City of Alameda wherein it will be maintained in the City Files. This Department is still not certain as to how the information in the RMP will be passed-on to future buyers during property transactions if the RMP is not recorded in the deed. Since this Department does not regulate the implementation of the risk management plans, please provide us with a letter approved/accepted by City of Alameda which explains the process that will be used to appropriately disseminate the information to any future buyers of the property.

If you have any questions, you can contact me at (510) 567-6764.

Sincerely,



Madhulla Logan
Hazardous Material Specialist

CC: San Francisco Regional Water Quality Control Board, 2101 Webster St, Oakland, CA
Richard Kraber, Wind River System, Chief Financial Officer, 2021 Challenger Drive,
Alameda, CA - 94501
Marco Lobascio, Al Ridley, Woodward-Clyde, 500 12th Street, Suite 100
Oakland, CA- 94607
Charles Olsen esq, Sanger and Olsen, 1 Embarcadero Center, 1st floor, San Francisco,
CA 94111-3617

SANGER & OLSON

A LAW CORPORATION

ONE EMBARCADERO CENTER
TWELFTH FLOOR
SAN FRANCISCO, CALIFORNIA 94111-3617
TEL 415.693.9300 FAX 415.693.9322
REAL.ESTATE@SANGER-OLSON.COM

Thursday, December 23, 1999

FACSIMILE TRANSMITTAL TO:

Name	Firm	Telephone	Fax Number
Mr. Dave Valeska	CITY OF ALAMEDA		510-748-4593
Ms. Madhulla Logan	DEPT. OF ENVIR. HEALTH		510-337-9335
Mr. Richard Kraber	WIND RIVER SYSTEMS		(510) 749-2526

From: Eric L. Laurence, Esq.*Attorney***Re:** Wind River System Property, Alameda, California**Number of Pages:** 6 (including this cover sheet)**Client/Matter #:** 0116/0003**Message:**

THE INFORMATION CONTAINED IN THIS FACSIMILE MESSAGE IS CONFIDENTIAL AND MAY BE LEGALLY PROTECTED BY THE ATTORNEY/CLIENT PRIVILEGE OR THE ATTORNEY WORK PRODUCT DOCTRINE. IT IS INTENDED ONLY FOR THE USE OF THE RECIPIENT(S) NAMED ABOVE IN THIS FACSIMILE. IF THE PERSON ACTUALLY RECEIVING THIS FACSIMILE OR ANY OTHER READER IS NOT THE PERSON TO WHOM IT IS ADDRESSED OR NOT RESPONSIBLE TO DELIVER IT TO THE NAMED RECIPIENT(S), ITS USE OR COMMUNICATION IS STRICTLY PROHIBITED. IF YOU RECEIVE THIS MESSAGE IN ERROR, PLEASE CALL US COLLECT IMMEDIATELY AND RETURN THE ORIGINAL MESSAGE BY MAIL TO US. THANK YOU.

COMMENTS

Please provide comments on the following four items, when applicable. (Attach additional sheet if necessary.)
Return comments to Central Permits Office for forwarding to Planning Department.

1. **COMPLETENESS OF APPLICATION:** Does the plans and other attachments contain sufficient information for you to provide the Planning Department with comments on this proposal? If "NO", please specify the additional information needed from the applicant. (Under State law, the City has 30 days from the date an application is submitted to determine whether it is complete.)

2. **ENVIRONMENTAL REVIEW:**

Note: an Initial Study was circulated and a Mitigated Negative Declaration adopted for the project.

() Planning Staff has preliminarily determined that this project is Categorically Exempt from the requirements of the California Environmental Quality Act according to Section ____ of the City of Alameda CEQA Guidelines. (No response required.)

() Planning Staff will prepare an Initial Study to determine if this project will result in any significant environmental impacts that will need to be mitigated. Please identify any potential environmental impacts of the project that are pertinent to your department or agency. If applicable, recommend possible mitigation measures (or project revisions) to avoid or reduce these impacts, and suggest methods for monitoring the implementation of these measures.

3. **MERIT COMMENTS:** Please comment on the merits of the proposal. Indicate whether the project conforms to the applicable regulations and policies of your department or agency. Please provide recommended conditions of approval or the basis for denial of the project. (Conditions of approval should be as specific as possible and should indicate when the condition must be satisfied, such as prior to issuance of building permit or approval of occupancy.)

4. **SPECIFIC QUESTIONS:**

COMMENTS: (Please initial and date if you have no comments) _____

Date: _____ **Prepared by:** _____

G:\curr\corr\5\windriv\p\mcircu

November 21, 1997
961163NB

ENVIRONMENTAL
PROTECTION

97 NOV 25 PM 3: 23

Ms. Mona Foster-White
East Bay Municipal Utility District
375 11th Street
Oakland, California 94607- 4240

**SUBJECT: Water Main Extension, Wind River Development
Alameda, California**

Dear Ms. Foster-White:

This letter is in response to a request from Ned Pike, of the Edward Pike Company, Lafayette, California, to assist in providing the environmental information that you require for approval of installation of the planned water main at the Wind River Development in Alameda, California. We understand that EBMUD is requiring the Main Line Extension to be an 8-inch steel pipe. However, we understand that PVC pipe will be acceptable if Woodward-Clyde can provide documentation from the appropriate environmental regulatory agency, that the site proves a safe and clean work environment for the installation and maintenance of pipes. This letter summarized the environmental remediation that has been completed at the site and the current environmental conditions. Copies of approval letters from the Alameda County Health Care Services Agency (ACHCSA) are attached.

ENVIRONMENTAL ISSUES

Three environmental issues have been identified at the site. They are: 1,1-DCA in soil and groundwater, lead in soil, and total petroleum hydrocarbons (motor oil) in soil. Each of these are discussed below. The 1,1-DCA issue, and the lead issue have been remediated and no further actions are required by the ACHCSA or the California Regional Water Quality Control Board. The site has been approved by ACHCSA for this planned development. The third issue, TPH in soil, will be handled under a plan approved by the ACHCSA. The soil with TPH has been characterized and is not identified in the area of the planned Main Line Extension.

Closure of 1,1-DCA Issue

An area of soil and groundwater previously identified to contain 1,1-DCA was delineated and excavated to the satisfaction of the ACHCSA in 1996. Woodward-Clyde performed soil excavation and aeration of the excavated soils in accordance with a work plan approved by ACHCSA. The ACHCSA stated in a letter dated December 17, 1996,



"...chlorinated solvents on site have been remediated to an acceptable level. Hence, no further action with regards to the chlorinated solvents is required." See the attached copy of that letter for reference. In addition, the Regional Water Quality Control Board has reviewed the remediation data and has rescinded the Cleanup and Abatement Order No. 94-004 (see attached letter dated December 23, 1996).

Lead in Soil Issue

An area of lead in shallow soils was identified on the east side of the warehouse at 2020 Sherman Street in 1996 by Woodward-Clyde. A workplan for removal of lead exceeding 1,000 mg/kg was approved by the ACHCSA in a letter dated July 21, 1997 (attached). About 450 tons of soil with lead exceeding the cleanup goal were excavated and shipped by rail to the ECDC facility in Utah in August of 1997. The ACHCSA, in a letter dated September 15, 1997 (attached), stated that "The remedial activities have been performed in accordance with the approved work plan for lead, dated June 13, 1997, and is acceptable to this Department". The workplan described the planned commercial development of this site by Wind River Systems, Inc.

Total Petroleum Hydrocarbons in Soil

Shallow soils containing total petroleum hydrocarbons as motor oil, exceeding the 1,000 mg/kg cleanup criteria established by ACHCSA, were detected in two limited areas of the site (see attached figure). A risk management plan for soil impacted by TPH (July 1, 1997) and an addendum to the risk management plan (September 11, 1997) were prepared and submitted to the ACHCSA for review and approval. The plan described how soils exceeding the 1,000 mg/kg TPH criteria will be managed on site by: encapsulation beneath paved parking, roadways, or concrete slabs, or by covering with at least 18-inches of clean landscaping soil during site construction. The ACHCSA approved this plan in a letter dated September 15, 1997.

Because the planned Phase I of the Wind River Development will be limited to development of the two planned buildings at the north end of the site and associated parking it is anticipated that the limited area of TPH at the west edge of the site (see attached figure) will be the only area of soil to be remediated when the area is paved. Based upon our review of the location of the planned 8-inch water main it appears that the planned pipeline is located in an area where soil containing TPH will not be an environmental issue.



Ms. Mona Foster-White
East Bay Municipal Utility District
November 21, 1997
Page 3 of 3

Woodward-Clyde

CONCLUSION

Based upon the site remediation activities which have been approved by the ACHCSA which assume that this site will be developed by Wind River Systems for a commercial office complex, and the location of the water main alignment away from known areas of soil with TPH motor oil, we believe that the site environmental conditions should not limit the planned construction or maintenance of the water main. Please call if you have any questions.

Sincerely,



Albert P. Ridley, CEG
Project Manager

cc: Paul Boumann, Brian Kangas Foulk
Thomas Peacock, Madhulla Logan, ACHCSA
Ned Pike, The Edward Pike Company
John Sanger, Esq., Sanger & Olson

Attachments: August 26, 1996, ACHCSA letter
December 17, 1996, ACHCSA letter
December 23, 1996, RWQCB letter
July 21, 1997, ACHCSA letter
September 15, 1997, ACHCSA letter (2)
Figure 4A TPH Motor Oil Sampling Results



ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



FYI from msaacs

RAFAT A. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
80 Swan Way, Rm. 210
Oakland, CA 94621
(510) 271-4300

August 26, 1996

Peter Wang
P.O. Box 2453
Alameda, CA - 94501

Ref: Encinal Properties, 2020 Sherman Drive, Alameda, CA

Dear Mr. Wang:

I am in receipt of the documents "Workplan for Soil Excavation and Backfilling", dated August 13, 1996 and "Results of Fate and Transport Modeling", dated August 21, 1996, prepared by Woodward-Clyde for the above referenced site.

Phase I and Phase II Assessments were conducted by MSE Environmental which did not identify the presence of any petroleum hydrocarbons in the soil and groundwater. However, a soil and groundwater investigations conducted by Kaldveer Associates in the year 1990 which included the installations of shallow wells, MW-1 through MW-8, revealed the presence of chlorinated solvents in the soil and groundwater. In 1994, Geomatrix installed four piezometers (P1 thru P4) and collected 21 grab groundwater samples for the referenced property. Based on the laboratory results, a localized source of 1,1 DCA and other solvents was identified. A monitoring well, MW-10 was installed in March 1995 by Geomatrix as a trigger point to detect any migration of chlorinated solvents in the groundwater toward the bay.

Based on the current monitoring data submitted to this Department in April 1996, no solvents have been identified in monitoring well, MW-10. Furthermore, in response to request made by this Department, a fate and transport modeling was done to evaluate the potential for chemical migration in shallow groundwater from the site towards the bay. The modeling results indicate that there is no likelihood for significant concentrations of chlorinated solvents to migrate towards the bay.

→ This Department accepts the results of the fate and transport modeling for chlorinated solvents, and
→ approves the workplan for soil excavation. To move the site towards closure with regards to chlorinated solvents, the extent of chlorinated solvents in soil should be completely defined, contaminated soils should be remediated/excavated to the cleanup levels established through the risk assessment done by Geomatrix and any excavated soil should be either disposed or appropriately remediated.

If you have any questions, you may reach me at (510) 567-6764.

Sincerely,

Madhulla Logan
Hazardous Material Specialist



December 17, 1996

Mr. Peter Wang
P.O Box 2453
Alameda, CA - 94501

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

Ref: Encinal Properties, 2020 Sherman Drive, Alameda, CA

Dear Mr. Wang:

I am in receipt of the document "Revised Environmental Review Planned Development Project", dated September 1996, prepared by Woodward Clyde Consultants for the above referenced project.

Previous investigations conducted by Kaldveer Associates and Geomatrix Consultants in the year 1990 and 1994 respectively, identified chlorinated solvents in both the soil and the groundwater. Subsequently, about 400 cubic yards of soil was excavated by Geomatrix. The confirmation sample results indicated that the solvent contaminated soils has been adequately removed except in areas around sample locations SS-39, SS-40 and SS-41, where additional delineation was required. The stockpiled soils were placed on an asphaltic concrete paved area to treat the solvents through aeration.

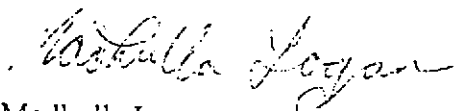
In response to a request by this Department, through a letter dated May 18, 1996, additional soil excavation was performed by Woodward Clyde in areas where residual chlorinated solvents were previously identified. The soils excavated by Geomatrix and Woodward Clyde were sampled in June 1996 and September 1996. The concentrations of chlorinated solvents identified in the samples did not exceed the site specific cleanup levels that were established by Geomatrix in 1995.

Based on the information provided to this Department, the chlorinated solvents on site have been remediated to an acceptable level. Hence no further action with regards to the chlorinated solvents is required. However, the stockpiled soils on site should be sampled for lead, to enable this Department to make any decisions on the re-usability of these soils as a backfill (since the lead contaminated areas overlap with the areas where chlorinated solvents were previously identified).

However, please note that the lead contamination on site is an issue that still needs to be addressed. A work plan addressing the lead contamination, dated August 29, 1996, and an amendment to the workplan, dated September 9, 1996 prepared by Woodward Clyde were approved by this Department in a letter dated September 13, 1996. As of this date, the work proposed in the workplan has not been implemented. The proposed work, including the sampling of the stockpiled soils for lead should be implemented within 30 days from the date of this letter. This is a formal request for technical information as per Health and Safety Code, Section 25187.1 and hence any delays in implementing the required work should be requested in writing.

If you have any questions, you may reach me at (510) 567-6764.

Sincerely,

A handwritten signature in cursive script that reads "Madhulla Logan".

Madhulla Logan
Hazardous Material Specialist

CC: Sum Arigala, San Francisco Regional Water Quality Control Board, 2101 Webster St.
Oakland, CA

Marco Lobascio, Woodward-Clyde - 500 12th Street, Suite 100, Oakland, CA 94607

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

SAN FRANCISCO BAY REGION

2101 Webster Street, Suite 500

Oakland, CA 94612

Tel: (510) 286-1255

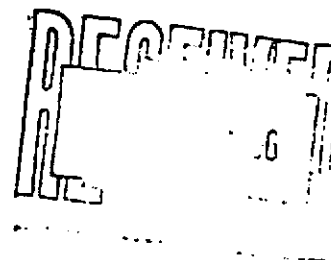
FAX: (510) 286-1380

BBS: (510) 286-0404



DEC 23 1996

File No. 2223.09(GVL)



Mr. Peter Wang
 Encinal Terminals
 1521 Buena Vista Avenue
 Alameda, California 94501

Subject: Cleanup and Abatement Order No. 94-004, Issued to Encinal Terminals for the Discharge of Waste Material to Ground Without Waste Discharge Requirements

Dear Mr. Wang:

As asserted in your letter dated August 26, 1996, you certified that all waste subject to Cleanup and Abatement Order No. 94-004, has been removed from the subject site. Staff finds that Encinal Terminals has complied with the provisions of subject Order and recommend its rescission. Therefore, I am pleased to rescind Cleanup and Abatement Order No. 94-004.

If you have any questions regarding this letter, please contact George Leyva at 510-286-3976.

Sincerely,

Loretta K. Barsamian
 Loretta K. Barsamian
 Executive Officer

Post-It™ brand fax transmittal memo 7671		# of pages >	
To	Mr. Albert Ridley	From	Peter Wang
Co.	Woodward Clyde	Co.	Encinal Terminals
Dept.		Phone #	706 523-8800
Fax #	874-3268	Fax #	706 521-1844

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

July 21, 1997

Mr. Peter Wang,
P.O Box 2453
Alameda, CA - 94501

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

Ref: Encinal Real Estate, 2020 Sherman Drive, Alameda, CA

Dear Mr. Wang:

I am in receipt of the document, "Removal Action Work plan for Lead-impacted Soil, Encinal Real Estate, Alameda, California", dated June 13, 1997 prepared by Woodward-Clyde Consultants for the above referenced project. This document has been reviewed by this Department, and based on the information provided, the Work plan is acceptable with the following additional modification:

- The Work plan mentions that confirmation soil samples will be collected from sidewalls and bottom of the excavation to check if concentrations of lead left in place are less than the cleanup goals of 1000 ppm for lead. However, some of the soil samples should be tested using EPA 1312 method (Synthetic Precipitation Leaching Procedure) to identify the leaching potential of residual lead to groundwater. Cleanup level based on leachate tests will be 5 mg/l as per the Soluble Threshold Limit Concentrations in Title 22 of California Code of Regulations. Samples with high concentrations of lead as indicated by the XRF indicator, and/or samples collected at depths closer to groundwater that is found positive for lead are the two criteria that need to be used to select samples for the SPLP analysis.

If you have any questions, you may reach me at (510) 567-6764.

Sincerely,

Madhulla Logan

Madhulla Logan
Hazardous Material Specialist

do not dig out
left in place
(2000 mg)

CC: San Francisco Regional Water Quality Control Board, 2101 Webster St, Oakland, CA
Richard Kraber, Wind River System, Chief Financial Officer, 2021 Challenger Drive,
Alameda, CA - 94501
Marco Lobascio, Al Ridley, Woodward-Clyde, 500 12th Street, Suite 100
Oakland, CA- 94607
Charles Olsen esq, Sanger and Olsen, 1 Embarcadero Center, 1st floor, San Francisco,
CA 94111-3617

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



September 15, 1997

Mr. Peter Wang,
P.O. Box 2453
Alameda, CA - 94501

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

Ref: Encinal Real Estate, 2020 Sherman Drive, Alameda, CA

Dear Mr. Wang:

I am in receipt of the report "Closure Documentation Report", dated September 10, 1997 prepared by Woodward Clyde Consultants for the above referenced project. The site remedial activities have been performed in accordance with the approved work plan for lead, dated June 13, 1997 and is acceptable to this Department.

Based on laboratory results of composite samples collected from excavated soil, some of it was determined to be a non-RCRA hazardous waste and according to the report, is scheduled to be disposed at the ECDC Environmental Facility in Utah. The manifest/receipt documenting the disposal needs to be submitted to this Department within 30 days from the date of this letter.

If you have any questions, you may reach me at (510) 567-6764.

Sincerely,

Madhulla Logan
Madhulla Logan
Hazardous Material Specialist

CC: San Francisco Regional Water Quality Control Board, 2101 Webster St, Oakland, CA
Richard Kraber, Wind River System, Chief Financial Officer, 2021 Challenger Drive,
Alameda, CA - 94501
Marco Lobascio, Al Ridley, Woodward-Clyde, 500 12th Street, Suite 100
Oakland, CA- 94607
Charles Olsen esq, Sanger and Olsen, 1 Embarcadero Center, 1st floor, San Francisco,
CA 94111-3617

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



September 15, 1997

Mr. Peter Wang,
PO Box 2453
Alameda, CA - 94501

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

Ref: Encinal Real Estate, 2020 Sherman Drive, Alameda, CA

Dear Mr. Wang:

I am in receipt of the documents, "*Risk Management Plan for Soil Impacted by TPH*", dated July 1, 1997, *Addendum to the Risk Management Plan*, dated September 11, 1997, and a *response letter* dated September 16, 1997, prepared by Woodward-Clyde Consultants for the above referenced project.

This Department has reviewed all the pertinent information submitted with regards to the referenced property. The risk management plan addresses both the construction and post-construction scenarios to manage the TPH-motor oil on site, and includes discussion on health and safety protocols (which needs to follow OSHA guidelines), dust control, management methods of TPH contaminated soils, and the protocols to be followed by on-site workers, etc. Also, additional soil sampling documented in the addendum to the risk management plan, indicates that the extent of soil with TPH-motor oil exceeding the cleanup-levels is less than that identified previously.

Based on the information submitted, the Risk Management Plan (RMP) is acceptable to this Department. However, prior to obtaining a final closure from this Department, the following information regarding the TPH-motor oil contamination still needs to be submitted:

It is mentioned in the RMP that confirmation soil samples will be collected to define the extent of TPH contamination which in turn will be documented in a "as built" report. The "as built" report which identifies the placement of soils with TPH concentrations higher than 1000 ppm needs to be submitted to this Department.

Also, after finalizing the "as built report" you have chosen to complete the notification procedure, by submitting a copy of the risk management plan to the City of Alameda wherein it will be maintained in the City Files. This Department is still not certain as to how the information in the RMP will be passed-on to future buyers during property transactions if the RMP is not recorded in the deed. Since this Department does not regulate the implementation of the risk management plans, please provide us with a letter approved/accepted by City of Alameda which explains the process that will be used to appropriately disseminate the information to any future buyers of the property.

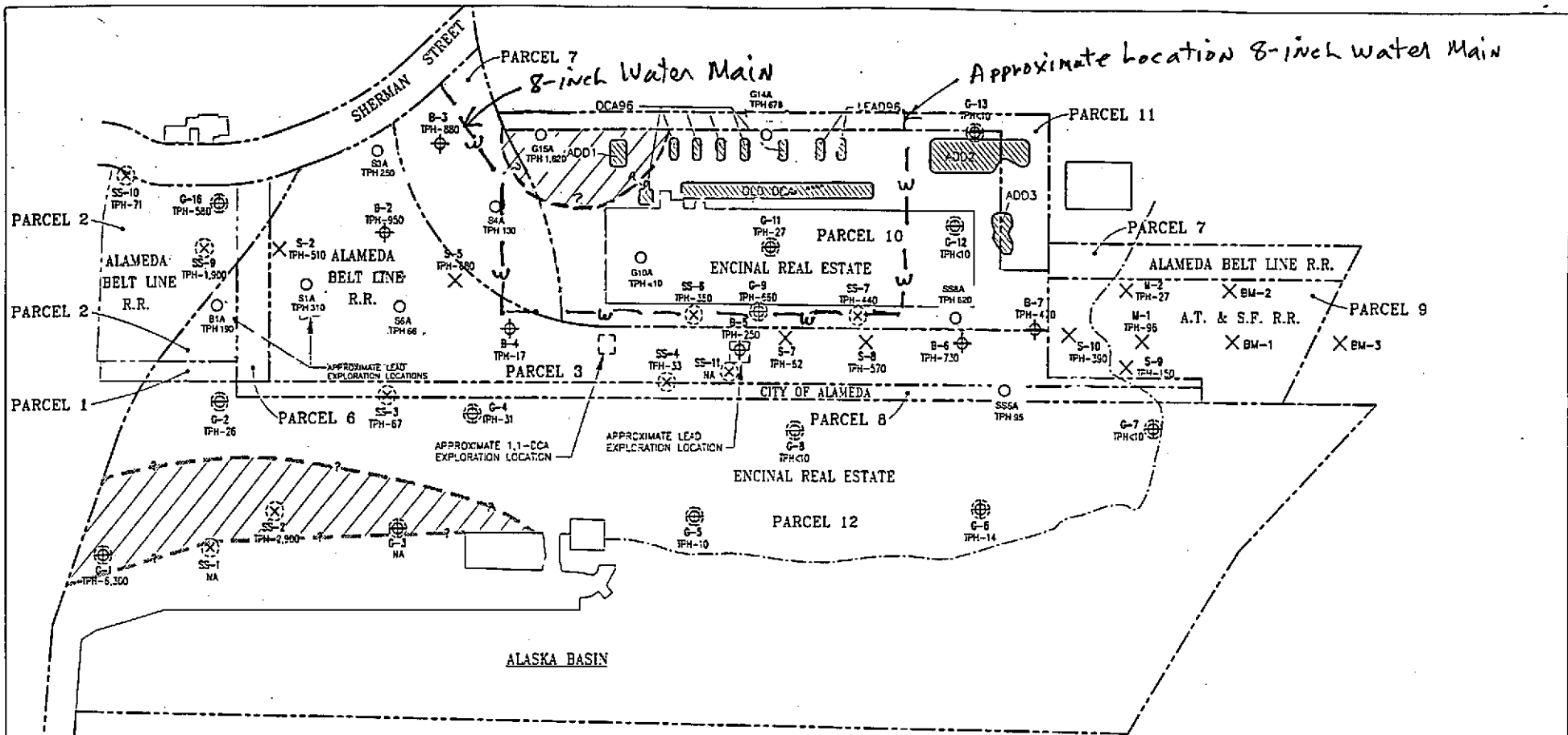
If you have any questions, you can contact me at (510) 567-6764.

Sincerely,



Madhulla Logan
Hazardous Material Specialist

CC: San Francisco Regional Water Quality Control Board, 2101 Webster St, Oakland, CA
Richard Kraber, Wind River System, Chief Financial Officer, 2021 Challenger Drive,
Alameda, CA - 94501
Marco Lobascio, Al Ridley, Woodward-Clyde, 500 12th Street, Suite 100
Oakland, CA- 94607
Charles Olsen esq, Sanger and Olsen, 1 Embarcadero Center, 1st floor, San Francisco,
CA 94111-3617



LEGEND

Investigation, January 1997

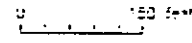
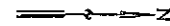
- G-5 Geoprobe location
- SS-2 Shallow soil location
- Stockpiles
- TPH Motor oil >1,000mg/kg

Previous Investigation, 1996

- B-1 Soil boring with water elevation
- S-i Shallow soil sample
- M-1 Shoreline sediment
- BM-1 Bottom sediment

Supplemental Investigation, August 1997

- Exploratory Pit
- S6A TPH 700 Concentration of TPH Motor oil in Mg/kg



Project No. 961163NA	Encinal Real Estate	SUPPLEMENTAL TPH MOTOR OIL SOIL SAMPLING RESULTS	Figure 4A
Woodward-Clyde Consultants			

November 3, 1997
961163NB

Ms. Madhulla Logan
Hazardous Materials Specialist
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94503

Subject: Disposal Manifest for Lead-Impacted Soil
Encinal Real Estate, 2020 Sherman Drive, Alameda, CA

Dear Ms. Logan:

Per the request of your closure letter dated September 15, 1997, for the lead-impacted soil remediation at the Encinal Real Estate Site, 2020 Sherman Drive, Alameda, California, enclosed please find manifests documenting the disposal of lead-impacted soil at the ECDC Utah site. A total of 190 cubic yards of lead-impacted soil was excavated and disposed off-site.

Please call me at (510) 874-3125 for questions and comments.

Sincerely,



Albert P. Ridley, C.E.G.
Senior Associate

cc: Mr. Dave Valeska, City of Alameda Planning Department
Mr. John Sanger, Sanger & Olson
Mr. Peter Wang, Encinal Real Estate

enclosures.



IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-0002. WITHIN CALIFORNIA, CALL 1-800-952-7330
 GENERATOR
 TRANSPORTER
 FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. 040001167280		Manifest Document No.		2. Page 1 1 of 1		Information in the shaded areas is not required by Federal law.									
3. Generator's Name and Mailing Address Alameda Belt Line 2001 Engineers Rd., Oakland, CA 94607						A. State Manifest Document Number 96692165											
4. Generator's Phone (510) 832-8464 Attn: Phil Copple						B. State Generator's ID H A H Q 3 6 0 5 7 2 0 6											
5. Transporter 1 Company Name ROGERS TRUCKING INC				6. US EPA ID Number CA00048624910		C. State Transporter's ID											
7. Transporter 2 Company Name Union Pacific Lines						D. Transporter's Phone 415-589-7015											
9. Designated Facility Name and Site Address ECDC Environmental 1111 W. Hwy 123 East Carbon, Utah 84520						8. US EPA ID Number NE D 0 0 1 7 9 2 9 1 0		E. State Transporter's ID									
10. US EPA ID Number UT C 0 9 3 0 1 2 2 0 1						F. Transporter's Phone (402) 271-4400		G. State Facility's ID U T A H 9 4 - 2 2									
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol		15. Waste Number					
a. Non-RCRA Hazardous Waste, Solid (Non-US D.O.T. Regulated) b. c. d.						No.		Type				State					
						0 0 1		GM		00010		Y		611		EPA/Other Non-RCRA	
														State		EPA/Other	
														State		EPA/Other	
														State		EPA/Other	
J. Additional Descriptions for Materials Listed Above Approvals: 97-1928 Soil contaminated with trace lead.						K. Handling Codes for Wastes Listed Above a. 03 b. c. d.											
15. Special Handling Instructions and Additional Information In Case of Emergency or for Information, Call Al Ridley (510)874-3125 or () emergency contact						Railcar # ECXX 93043 Container # 300128 NVRU											
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable, and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.										f. rail							
Printed/Typed Name ALAMEDA BELT LINE				Signature [Signature]				Month Day Year 09/11/97									
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name JOHN H ALLEN				Signature [Signature]				Month Day Year 09/11/97									
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name ALEX BASWELL, JR.				Signature [Signature]				Month Day Year 09/11/97									
19. Discrepancy Indication Space																	
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Katherine G. Milburn				Signature [Signature]				Month Day Year 10/03/97									

DO NOT WRITE BELOW THIS LINE.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C A C 0 0 1 1 6 7 2 8 0		Manifest Document No.		2. Page 1 1 of 1		Information in the shaded areas is not required by Federal law.			
3. Generator's Name and Mailing Address Alameda Belt Line 2001 Engineers Rd., Oakland, CA 94607						A. State Manifest Document Number 96692166					
4. Generator's Phone (510) 832-8464 Attn: Phil Copple						B. State Generator's ID H A H Q 3 6 0 5 7 2 0 6					
5. Transporter 1 Company Name <i>L. Brouck Truck</i>				6. US EPA ID Number <i>CA0900585780</i>		C. State Transporter's ID					
7. Transporter 2 Company Name Union Pacific Lines						8. US EPA ID Number N E D 0 0 1 7 9 2 9 1 0		D. Transporter's Phone <i>(800) 592-7880</i>			
9. Designated Facility Name and Site Address ECDC Environmental 1111 W. Hwy 123 East Carbon, Utah 84520						10. US EPA ID Number U T C 0 9 3 0 1 2 2 0 1		E. State Transporter's ID			
						11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type			
a. Non-RCRA Hazardous Waste Solid (Non-US D.O.T. Regulated)						0 0 1 C M		13. Total Quantity 154			
								14. Unit Wt./Vol			
								15. Waste Number 611 EPA/Other Non-RCRA			
								State			
								EPA/Other			
								State			
								EPA/Other			
								State			
								EPA/Other			
J. Additional Descriptions for Materials Listed Above Approvals: 97-1928 Soil contaminated with trace lead.						K. Handling Codes for Wastes Listed Above a. 03 b. c. d.					
15. Special Handling Instructions and Additional Information In Case of Emergency or for Information, Call Al Ridley (510) 874-3125 or () emergency contact						Railcar # ECXX 93182 Container # NVRU 300063					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. & rail											
Printed/Typed Name ALAMEDA BELT LINE				Signature <i>Phil Copple</i>		Month 09		Day 11		Year 1997	
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature <i>L. Brouck</i>		Month 09		Day 11		Year 1997	
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature <i>Nick Gentile</i>		Month 09		Day 11		Year 1997	
19. Discrepancy Indication Space											
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.				Signature <i>Katherine G. Milburn</i>		Month 10		Day 03		Year 1997	

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-822-7330
 GENERATOR
 TRANSPORTER
 FACILITY

DO NOT WRITE BELOW THIS LINE.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address Alameda Belt Line 2001 Engineers Rd., Oakland, CA 94607		949994167280	92164	1 of 1	A. State Manifest Document Number 96692167
4. Generator's Phone 510 832-8464 Attn: Phil Cople					B. State Generator's ID H A H Q 3 6 0 5 7 2 0 6
5. Transporter 1 Company Name Trident Truck Line		6. US EPA ID Number CAD982483701		C. State Transporter's ID	
7. Transporter 2 Company Name Union Pacific Lines		8. US EPA ID Number NED001792910		D. Transporter's Phone 510-783-2881	
9. Designated Facility Name and Site Address ECDC Environmental 1111 W. Hwy 123 East Carbon, Utah 84520		10. US EPA ID Number UTC093012201		E. State Transporter's ID	
				F. Transporter's Phone (402) 271-4400	
				G. State Facility's ID U T A H 9 4 - 2 2	
				H. Facility's Phone (800) 444-4451	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers	13. Total Quantity	14. Unit	15. Waste Number
a. Non-RCRA Hazardous Waste Solid (Non-US D.O.T. Regulated)		No. Type		Wt/Vol	State EPA/Other
		0 0 1 G M	800015	Y	611 Non-RCRA
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other
J. Additional Descriptions for Materials Listed Above Approvals: 97-1928 Soil contaminated with trace lead.		K. Handling Codes for Wastes Listed Above a. 03		b. c. d.	
15. Special Handling Instructions and Additional Information In Case of Emergency or for Information, Call Al Ridley (510) 874-3125 or () emergency contact		Railcar # ECXX 93043 Container # NUR430003P			
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practical method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name ALAMEDA BELT LINE		Signature P. Cople		Month Day Year 09/1/97	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Doug Biggs		Signature Doug Biggs		Month Day Year 09/1/97	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Alex Basawick		Signature Alex Basawick		Month Day Year 09/1/97	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Katherine G. Milburn		Signature Katherine G. Milburn		Month Day Year 10/03/97	

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-6662. WITHIN CALIFORNIA, CALL 1-800-952-7300

DO NOT WRITE BELOW THIS LINE.

350004

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

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C A C 0 0 1 1 6 7 2 8 0 0 1 1 6 8		Manifest Document No. 1 of 1		2. Page 1 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address Alameda Belt Line 2001 Engineers Rd., Oakland, CA 94607						A. State Manifest Document Number 96692168							
4. Generator's Phone 510, 832-8464 Attn: Phil Copple						B. State Generator's ID H A H Q 3 6 0 5 7 2 0 6							
5. Transporter 1 Company Name <i>TRIDENT TRUCK LINES</i>				6. US EPA ID Number C A D 9 8 2 4 2 4 3 7 0		C. State Transporter's ID							
7. Transporter 2 Company Name Union Pacific Lines						D. Transporter's Phone 510-483-2881							
8. US EPA ID Number N E D 0 0 1 7 9 2 9 1 0						E. State Transporter's ID							
9. Designated Facility Name and Site Address ECDC Environmental 1111 W. Hwy 123 East Carbon, Utah 84520						F. Transporter's Phone (402) 271-4400							
10. US EPA ID Number U T C 0 9 3 0 1 2 2 0 1						G. State Facility's ID U T A H 9 4 - 2 2							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers Na. Type		13. Total Quantity		14. Unit Wt/Vol		15. Waste Number State EPA/Other	
a. Non-RCRA Hazardous Waste Solid (Non-US D.O.T. Regulated)						0 0 1 C M		15000				611 Non-RCRA	
b.												State EPA/Other	
c.												State EPA/Other	
d.												State EPA/Other	
J. Additional Descriptions for Materials Listed Above Approvals: 97-1928 Soil contaminated with trace lead.						K. Handling Codes for Wastes Listed Above a. 03 b. c. d.							
15. Special Handling Instructions and Additional Information In Case of Emergency or for Information, Call Al Ridley (510)874-3125 or () emergency contact						Railcar # ECXX 93182 Container # NNR 4 300 143							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. if I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. & rail													
Printed/Typed Name ALAMEDA BELT LINE				Signature <i>Phil Copple</i> , SUPT				Month Day Year 09/11/97					
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name JAMES MITCHELL				Signature <i>James Mitchell</i>				Month Day Year 09/11/97					
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name <i>Mark Baswell</i>				Signature <i>Mark Baswell</i>				Month Day Year 09/11/97					
19. Discrepancy Indication Space													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Katherine G. Milburn				Signature <i>Katherine Milburn</i>				Month Day Year 10/03/97					

DO NOT WRITE BELOW THIS LINE.

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS.
 (Generators who submit hazardous waste for transport out-of-state, produce completed copy of this copy and send to DTSC within 30 days.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. Q A Q Q Q 1 1 6 7 2 8 0		Manifest Document No.		2. Page 1 1 of 1		Information in the shaded areas is not required by Federal law.			
3. Generator's Name and Mailing Address Alameda Belt Line 2001 Engineers Rd., Oakland, CA 94607						A. State Manifest Document Number 96692169					
4. Generator's Phone (510) 832-8464 Attn: Phil Copple						B. State Generator's ID H A H Q 3 6 0 5 7 2 0 6					
5. Transporter 1 Company Name DENBESTE. TRANS.				6. US EPA ID Number CA 091812513632		C. State Transporter's ID					
7. Transporter 2 Company Name Union Pacific Lines				8. US EPA ID Number N E D 0 0 1 7 9 2 9 1 0		D. Transporter's Phone					
9. Designated Facility Name and Site Address ECDC Environmental 1111 W. Hwy 123 East Carbon, Utah 84520						10. US EPA ID Number U T C 0 9 3 0 1 2 2 0 1		E. State Transporter's ID			
						11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers			
						No.		Type			
a. Non-RCRA Hazardous Waste Solid (Non-US D.O.T. Regulated)						0 0 1		GM/15YDS			
b.											
c.											
d. NURU 300091											
J. Additional Descriptions for Materials Listed Above Approvals: 97-1928 Soil contaminated with trace lead excavated from Encinal Terminal site.						K. Handling Codes for Wastes Listed Above a. 03					
15. Special Handling Instructions and Additional Information In Case of Emergency or for Information, Call Al Ridley (510)874-3125 or () emergency contact						Railcar # NURU 300-091 Container # 777-9047298					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name ALAMEDA BELT LINE				Signature P. E. Copple, SUPT		Month 09		Day 11		Year 1997	
17. Transporter 1 Acknowledgment of Receipt of Materials Printed/Typed Name ALEX R. BARNWELL				Signature Alex R. Barnwell		Month 09		Day 11		Year 1997	
18. Transporter 2 Acknowledgment of Receipt of Materials Printed/Typed Name LENNY BEASECKEN				Signature Lenny Beaseken		Month 09		Day 11		Year 1997	
19. Discrepancy Indication Space											
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.											
Printed/Typed Name Katherine G. Milburn				Signature Katherine G. Milburn		Month 10		Day 03		Year 97	

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-9802. WITHIN CALIFORNIA, CALL 1-800-832-7350.

DO NOT WRITE BELOW THIS LINE.

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS.
 (Generators who submit hazardous waste for transport out-of-state, produce completed copy of this copy and send to DTSC within 30 days.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C A C 0 0 1 1 6 7 2 8 0		Manifest Document No.		2. Page 1 1 of 1		Information in the shaded areas is not required by Federal law.						
3. Generator's Name and Mailing Address Alameda Belt Line 2001 Engineers Rd., Oakland, CA 94607						A. State Manifest Document Number 96692170								
4. Generator's Phone (510) 832-8464 Attn: Phil Copple						B. State Generator's ID H A H 0 3 6 0 5 7 2 0 6								
5. Transporter 1 Company Name <i>TD Trucking</i>			6. US EPA ID Number 9 8 2 5 1 3 6 3 2			C. State Transporter's ID								
7. Transporter 2 Company Name Union Pacific Lines						D. Transporter's Phone (402) 271-4400								
9. Designated Facility Name and Site Address ECDC Environmental 1111 W. Hwy 123 East Carbon, Utah 84520			10. US EPA ID Number U T C 0 9 3 0 1 2 2 0 1			E. State Transporter's ID								
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt./Vol		15. Waste Number		
a. Non-RCRA Hazardous Waste, Solid (Non-US D.O.T. Regulated)						0 0 1 C M		1154				State 611 EPA/Other Non-RCRA		
b.												State EPA/Other		
c.												State EPA/Other		
d.												State EPA/Other		
J. Additional Descriptions for Materials Listed Above Approvals: 97-1928 Soil contaminated with trace lead excavated from Encinal Terminal site.						K. Handling Codes for Wastes Listed Above a. 03 b. c. d.								
15. Special Handling Instructions and Additional Information In Case of Emergency or for Information, Call Al Ridley (510)874-3125 or () emergency contact						Railcar # ECXX 93201 Container # 300016 NURU								
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.														
Printed/Typed Name ALAMEDA BELT LINE			Signature <i>Phil Copple, Supt</i>			Month 09			Day 11			Year 1997		
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name DAVID OFARRORE			Signature <i>David Ofarore</i>			Month 09			Day 11			Year 1997		
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name ALEX R. BASWELL			Signature <i>Alex Baswell</i>			Month 09			Day 11			Year 1997		
19. Discrepancy Indication Space														
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name Katherine G. Milburn			Signature <i>Katherine Milburn</i>			Month 10			Day 03			Year 1997		

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

DO NOT WRITE BELOW THIS LINE.

Yellow: TSDf SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS.
 [Generators who submit hazardous waste for transport out-of-state, produce completed copy of this copy and send to DTSC within 30 days.]

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. 090901167280		Manifest Document No.		2. Page 1 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address Alameda Belt Line 2001 Engineers Rd., Oakland, CA 94607						A. State Manifest Document Number 96692171							
4. Generator's Phone (510) 832-8464 Attn: Phil Copple						B. State Generator's ID H A H Q 3 6 0 5 7 2 0 6							
5. Transporter 1 Company Name ROGENS TRUCKING INC						C. State Transporter's ID							
6. US EPA ID Number CA01048624910						D. Transporter's Phone 415-589-7015							
7. Transporter 2 Company Name Union Pacific Lines						E. State Transporter's ID							
8. US EPA ID Number N E D 0 0 1 7 9 2 9 1 0						F. Transporter's Phone (402) 271-4400							
9. Designated Facility Name and Site Address ECDC Environmental 1111 W. Hwy 123 East Carbon, Utah 84520						G. State Facility's ID U T A H 9 4 - 2 2							
10. US EPA ID Number U T C 0 9 3 0 1 2 2 0 1						H. Facility's Phone (800) 444-4451							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit			
a. Non-RCRA Hazardous Waste Solid (Non-US D.O.T. Regulated)						No.		Quantity		Wt/Vol			
						0 0 1		CM		00018 Y		I. Waste Number State 611 EPA/Other NON-RCRA	
												State	
												EPA/Other	
												State	
b.										EPA/Other			
c.										State			
d.										EPA/Other			
1. Additional Descriptions for Materials Listed Above Approvals: 97-1928 Soil contaminated with trace lead excavated from Encinal Terminal site.						K. Handling Codes for Wastes Listed Above a. 03							
15. Special Handling Instructions and Additional Information In Case of Emergency or for Information, Call Al Ridley (510)874-3125 or () emergency contact						Railcar # ECXX 93201 Container # 300004 NVRU							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.													
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name ALAMEDA BELT LINE			Signature P. Copple, SURT			Month 09		Day 11		Year 1917			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name JOHN H ALLEN			Signature John H Allen			Month 09		Day 11		Year 1917			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Alex R. Bagwell			Signature Alex R. Bagwell			Month 09		Day 11		Year 1917			
19. Discrepancy Indication Space													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Katherine G. Milburn			Signature Katherine G. Milburn			Month 10		Day 03		Year 1917			

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-532-7330
 GENERATOR
 TRANSPORTER
 FACILITY

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7350

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C A C 0 0 1 1 6 7 2 8 0		Manifest Document No.		2. Page 1 1 of 1		Information in the shaded areas is not required by Federal law.									
3. Generator's Name and Mailing Address Alameda Belt Line 2001 Engineers Rd., Oakland, CA 94607						A. State Manifest Document Number 96692172											
4. Generator's Phone (510) 832-8464 Attn: Phil Cople						B. State Generator's ID H A H Q 3 6 0 5 7 2 0 6											
5. Transporter 1 Company Name <i>B. Duvalle Tug</i>			6. US EPA ID Number C A 0 9 8 0 6 8 5 7 8 0			C. State Transporter's ID											
7. Transporter 2 Company Name Union Pacific Lines						D. Transporter's Phone <i>(800) 532-7880</i>											
			8. US EPA ID Number N E D 0 0 1 7 9 2 9 1 0			E. State Transporter's ID											
9. Designated Facility Name and Site Address ECDC Environmental 1111 W. Hwy 123 East Carbon, Utah 84520						F. Transporter's Phone <i>(402) 271-4400</i>											
			10. US EPA ID Number U T C 0 9 3 0 1 2 2 0 1			G. State Facility's ID U T A H 9 4 - 2 2											
						H. Facility's Phone <i>(800) 444-4451</i>											
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) a. Non-RCRA Hazardous Waste Solid (Non-US D.O.T. Regulated)						12. Containers		13. Total Quantity		14. Unit Wt/Vol		I. Waste Number					
						No.		Type						State		611	
						0 0 1		C M		200154				EPA/Other		Non-RCRA	
														State			
														EPA/Other			
J. Additional Descriptions for Materials Listed Above Approvals: 97- ECDC Job 97-28 Soil contaminated with trace lead excavated from Encinal Terminal site.						K. Handling Codes for Wastes Listed Above a. 03											
15. Special Handling Instructions and Additional information In Case of Emergency or for Information, Call Al Ridley (510) 874-3125 or () emergency contact						Railcar # <i>ECXX 93161</i> Container # <i>UWA 3200AB</i>											
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.																	
Printed/Typed Name ALAMEDA BELT LINE			Signature <i>P. Cople</i>			Month 09		Day 11		Year 97							
17. Transporter 1 Acknowledgement of Receipt of Materials						Printed/Typed Name <i>B. Duvalle</i>			Signature <i>B. Duvalle</i>			Month 09		Day 11		Year 97	
18. Transporter 2 Acknowledgement of Receipt of Materials						Printed/Typed Name <i>Alex R. Caswell</i>			Signature <i>Alex R. Caswell</i>			Month 09		Day 11		Year 97	
19. Discrepancy Indication Space																	
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.																	
Printed/Typed Name Katherine G. Milburn			Signature <i>Katherine G. Milburn</i>			Month 10		Day 03		Year 97							

DO NOT WRITE BELOW THIS LINE.

Yellow: TSDf SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS.
 (Generators who submit hazardous waste for transport out-of-state, produce completed copy of this copy and send to DTSC within 30 days.)

13600-25

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. 0 A 0 0 0 1 1 6 7 2 0 0		Manifest Document No.		2. Page 1 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address Alameda Belt Line 2001 Engineers Rd., Oakland, CA 94607						A. State Manifest Document Number 96692173							
4. Generator's Phone (510) 832-8464 Attn: Phil Copple						B. State Generator's ID H A H Q 3 6 0 5 7 2 0 6							
5. Transporter 1 Company Name DENBESTE TRANS				6. US EPA ID Number C A D 9 P 2 1 5 T 1 3 6 3 2		C. State Transporter's ID							
7. Transporter 2 Company Name Union Pacific Lines						D. Transporter's Phone (402) 271-4400							
9. Designated Facility Name and Site Address ECDC Environmental 1111 W. Hwy 123 East Carbon, Utah 84520						10. US EPA ID Number U T C 0 9 3 0 1 2 2 0 1		E. State Facility's ID U T A H 9 4 - 1 2 2					
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit		15. Waste Number	
a. Non-RCRA Hazardous Waste Solid (Non-US D.O.T. Regulated)						No. Type		Quantity		Wt/Vol		State EPA/Other	
						0 0 1 G M		1155/1015				611 Non-RCRA	
b.												State EPA/Other	
c.												State EPA/Other	
d. NURU 300155												State EPA/Other	
1. Additional Descriptions for Materials Listed Above Approvals: 97-1928 Soil contaminated with trace lead excavated from Encinal Terminal site.						K. Handling Codes for Wastes Listed Above a. 03							
15. Special Handling Instructions and Additional Information In Case of Emergency or for Information, Call Al Ridley (510)874-3125 or () emergency contact						Railcar # ECXX 93051 Container # NURU.300155 #777 94329P							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name ALAMEDA BELT LINE				Signature P. Copple, Supt.				Month Day Year 09/11/97					
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name NEX DAWELL				Signature Nex Dawell				Month Day Year 09/11/97					
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name LENNY BEASCKER				Signature Lenny Beascker				Month Day Year 09/11/97					
19. Discrepancy Indication Space													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Katherine G. Milburn				Signature Katherine G. Milburn				Month Day Year 10/03/97					

GENERATOR

TRANSPORTER

FACILITY

DO NOT WRITE BELOW THIS LINE.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C A C 0 0 1 1 6 7 2 8 0 9 2 1 4 4		Manifest Document No.		2. Page 1 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address Alameda Belt Line 2001 Engineers Rd., Oakland, CA 94607						A. State Manifest Document Number 96692174							
4. Generator's Phone (510) 832-8464 Attn: Phil Copple						B. State Generator's ID H A H Q 3 6 0 5 7 2 0 6							
5. Transporter 1 Company Name TRIDENT TRUCK LINES			6. US EPA ID Number K A D 9 8 2 4 8 4 3 7 0			C. State Transporter's ID							
7. Transporter 2 Company Name Union Pacific Lines			8. US EPA ID Number N E D 0 0 1 7 9 2 9 1 0			D. Transporter's Phone (510) 482-2881							
9. Designated Facility Name and Site Address ECDC Environmental 1111 W. Hwy 123 East Carbon, Utah 84520			10. US EPA ID Number U T C 0 9 3 0 1 2 2 0 1			E. State Transporter's ID							
						F. Transporter's Phone (402) 271-4400							
						G. State Facility's ID U T A H 9 4 - 2 2							
						H. Facility's Phone (800) 444-4451							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		15. Waste Number	
a. Non-RCRA Hazardous Waste Solid (Non-US D.O.T. Regulated)						0 0 1 C M		15000				State 611 EPA/Other Non-RCRA	
b.												State EPA/Other	
c.												State EPA/Other	
d.												State EPA/Other	
J. Additional Descriptions for Materials Listed Above Approvals: 97-1928 Soil contaminated with trace lead excavated from Encinal Terminal site.						K. Handling Codes for Wastes Listed Above a. 03 b. c. d.							
15. Special Handling Instructions and Additional Information In Case of Emergency or for Information, Call Al Ridley (510)874-3125 or () emergency contact						Railcar # ECXX 93161 Container # NVRU 300085							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. & rail													
Printed/Typed Name ALAMEDA BELT LINE			Signature Phil Copple, Supt			Month Day Year 09/1/97							
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name JIM MAITLAND			Signature Jim Maitland			Month Day Year 09/1/97							
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Alex R. Baswell			Signature Alex Baswell			Month Day Year 09/1/97							
19. Discrepancy Indication Space													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Katherine G. Milburn			Signature Katherine G. Milburn			Month Day Year 10/3/97							

DO NOT WRITE BELOW THIS LINE.

Yellow: TSDf SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS,
 (Generators who submit hazardous waste for transport out-of-state,
 produce completed copy of this copy and send to DTSC within 30 days.)

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-5002. MILITARY CASUALTIES, CALL 1-800-527-7300

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-632-7330

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. 040001167280000002		Manifest Document No. 1 of 1		2. Page 1		Information in the shaded areas is not required by Federal law.															
3. Generator's Name and Mailing Address Alameda Belt Line 2001 Engineers Rd., Oakland, CA 94607						A. State Manifest Document Number 96692175																	
4. Generator's Phone 510 832-8464 Attn: Phil Copple						B. State Generator's ID H A H Q 3 6 0 5 7 2 0 6																	
5. Transporter 1 Company Name TRIDENT TRUCK LINE				6. US EPA ID Number CA098248370		C. State Transporter's ID																	
7. Transporter 2 Company Name Union Pacific Lines						D. Transporter's Phone 510-783-2881																	
8. US EPA ID Number N E D 0 0 1 7 9 2 9 1 0						E. State Transporter's ID																	
9. Designated Facility Name and Site Address ECDC Environmental 1111 W. Hwy 123 East Carbon, Utah 84520						F. Transporter's Phone (402) 271-4400																	
10. US EPA ID Number U T C 0 9 3 0 1 2 2 0 1						G. State Facility's ID U T A H 9 4 - 2 2																	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol		I. Waste Number											
a. Non-RCRA Hazardous Waste Solid (Non-US D.O.T. Regulated)						0, 0, 1		CM		0.0915 Yds.		State 611 EPA/Other Non-RCRA											
b.												State EPA/Other											
c.												State EPA/Other											
d.												State EPA/Other											
J. Additional Descriptions for Materials Listed Above Approvals: 97-1928 Soil contaminated with trace lead excavated from Encinal Terminal site.						K. Handling Codes for Wastes Listed Above a. 03																	
15. Special Handling Instructions and Additional Information In Case of Emergency or for Information, Call Al Ridley (510) 874-3125 or () emergency contact						Railcar # ECXX 93201 Container # NVR4 300121																	
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.																							
Printed/Typed Name ALAMEDA BELT LINE				Signature P. Copple				Month 09		Day 11		Year 1997											
17. Transporter 1 Acknowledgement of Receipt of Materials						Printed/Typed Name Doug Biggs		Signature Doug Biggs		Month 09		Day 11		Year 1997									
18. Transporter 2 Acknowledgement of Receipt of Materials						Printed/Typed Name Alex Baswell		Signature Alex Baswell		Month 09		Day 11		Year 1997									
19. Discrepancy Indication Space																							
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.										Printed/Typed Name Katherine G. Milburn				Signature Katherine G. Milburn				Month 10		Day 03		Year 1997	

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8002. WITHIN CALIFORNIA, CALL 1-800-627-3300

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C A C 0 0 1 1 6 7 2 8 0		Manifest Document No.		2. Page 1 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address Alameda Belt Line 2001 Engineers Rd., Oakland, CA 94607						A. State Manifest Document Number 96692176							
4. Generator's Phone (510) 832-8464 Attn: Phil Copple						B. State Generator's ID H A H 0 3 6 0 5 7 2 0 6							
5. Transporter 1 Company Name ROGERS TRUCKING INC			6. US EPA ID Number C A N 0 4 8 6 2 4 9 1 0			C. State Transporter's ID							
7. Transporter 2 Company Name Union Pacific Lines						D. Transporter's Phone 415-589-7015							
9. Designated Facility Name and Site Address ECDC Environmental 1111 W. Hwy 123 East Carbon, Utah 84520						E. State Transporter's ID							
10. US EPA ID Number U T C 0 9 3 0 1 2 2 0 1						F. Transporter's Phone (402) 271-4400							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) a. Non-RCRA Hazardous Waste Solid (Non-US D.O.T. Regulated)						12. Containers No. Type 0 0 1 C M		13. Total Quantity 000415 y		14. Unit Wt/Val		15. Waste Number State 611 EPA/Other Non-RCRA	
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable, and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						K. Handling Codes for Wastes Listed Above a. 03 b. c. d.							
15. Special Handling Instructions and Additional Information In Case of Emergency or for Information, Call Al Ridley (510)874-3125 or () emergency contact						Railcar # NVRU 300015 Container # NVRU 300018 R/CAN # ECXY 93051							
Printed/Typed Name ALAMEDA BELT LINE						Signature <i>Phil Copple, Supr</i>		Month Day Year 09/11/97					
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name John H ALLEN						Signature <i>John H Allen</i>		Month Day Year 09/11/97					
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Alex R Bagnell, Jr						Signature <i>Alex R Bagnell, Jr</i>		Month Day Year 09/11/97					
19. Discrepancy Indication Space													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Katherine G. Milburn						Signature <i>Katherine G Milburn</i>		Month Day Year 10/03/97					

DO NOT WRITE BELOW THIS LINE.

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS.
 [Generators who submit hazardous waste for transport out-of-state, produce completed copy of this copy and send to DTSC within 30 days.]

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. Q A Q Q Q 1 1 6 7 2 8 0		Manifest Document No.		2. Page 1 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address Alameda Belt Line 2001 Engineers Rd., Oakland, CA 94607						A. State Manifest Document Number 96692177							
4. Generator's Phone (510) 832-8464 Attn: Phil Copple						B. State Generator's ID H A H Q 3 6 0 5 7 2 0 6							
5. Transporter 1 Company Name <i>Ridley Truck CAD9805867BC</i>						C. State Transporter's ID							
6. US EPA ID Number						D. Transporter's Phone 800-592-7880							
7. Transporter 2 Company Name Union Pacific Lines						E. State Transporter's ID							
8. US EPA ID Number N E D 0 0 1 7 9 2 9 1 0						F. Transporter's Phone (402) 271-4400							
9. Designated Facility Name and Site Address ECDC Environmental 1111 W. Hwy 123 East Carbon, Utah 84520						G. State Facility's ID U T A H 9 4 - 1 2 2							
10. US EPA ID Number U T C 0 9 3 0 1 2 2 0 1						H. Facility's Phone (800) 444-4451							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		1. Waste Number State EPA/Other	
a. Non-RCRA Hazardous Waste Solid (Non-US D.O.T. Regulated)						0 0 1 G M		200/15 y				611 Non-RCRA	
b.												State EPA/Other	
c.												State EPA/Other	
d.												State EPA/Other	
J. Additional Descriptions for Materials Listed Above Approvals: 97-1928 Soil contaminated with trace lead excavated from Encinal Terminal site.						K. Handling Codes for Wastes Listed Above a. 03 b. c. d. EQ XV							
15. Special Handling Instructions and Additional Information In Case of Emergency or for Information, Call Al Ridley (510) 874-3125 or () emergency contact						Railcar # 93051 Container # NUCO							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name ALAMEDA BELT LINE				Signature <i>Phil Copple, Supt</i>				Month Day Year 09/11/97					
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <i>Ridley Truck</i>				Signature <i>R. Ridley</i>				Month Day Year 09/11/97					
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name <i>Alex Bagnell</i>				Signature <i>Alex Bagnell</i>				Month Day Year 09/11/97					
19. Discrepancy (if any) in Space													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Katherine G. Milburn				Signature <i>Katherine G. Milburn</i>				Month Day Year 10/3/97					

DO NOT WRITE BELOW THIS LINE.

Yellow: TSD/ SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS.
 (Generators who submit hazardous waste for transport out-of-state, produce completed copy of this copy and send to DTSC within 30 days.)

IN CASE OF EMERGENCY OR IF YOU NEED THE NATIONAL HAZARDOUS WASTE CENTER 1-800-424-8000, REFER TO THE EMERGENCY NUMBER ON THE BACK OF THIS MANIFEST.

October 24, 1997

Al Ridley
Woodward Clyde
500 12th Street
Suite 100
Oakland, CA 94607-4014

Re: WindRiver - Water System

Dear Al:

Per my voicemail message, I have attached a copy of a letter from Brian Kangas Foulk outlining the items needed in order to get East Bay Municipal Utility District to design and facilitate the new main water line extension. Please look at the double * * item at the middle of page 2 which indicates that EBMUD is currently requiring the main line extension to be an 8 inch steel pipe, but if Woodward Clyde provides documentation from an appropriate environmental regulatory agency that the site is clean, PVC pipe will be acceptable. Turner bid the project based on PVC and since we have completed the cleanup, I would appreciate you providing appropriate documentation so that we can get EBMUD to delete the requirement for steel pipe.

In addition, please look at paragraph 5 on page 2 and provide the documentation requested that the site is a safe and clean work environment for installation and maintenance of pipe lines.

I would appreciate getting this documentation as soon as possible, as we need to get EBMUD going on the design. If you have any questions or problems with this, please give me a call as soon as possible.

Very truly yours,



Ned Fike

NP/cw

Encl.

POST OFFICE BOX 458
ORINDA, CA 94563
PHONE 510.299.4878
FAX 510.299.4877
POCKET 510.821.7004

OCT 20 1997

Brian Kangas Foulk

Engineers • Surveyors • Planners

October 20th, 1997

BKF Job No. 970014-14

The Edward Pike Company
 3470 Mt. Diablo Blvd.
 Lafayette, CA. 94549

Subject: Wind River Systems, Alameda CA.(Water System)

Dear Ned Pike,

As previously discussed, the water system for the Wind River project will be an East Bay Municipal Utility District (EBMUD) Main Line Extension. In order to obtain the Main Line Extension plans from EBMUD you will need to process the enclosed documents:

- a. Letter from EBMUD to Todd Adair dated 9/30/97(For your information only).
- b. Three copies of Applicant-Installed Water Main Extension Agreement.
- c. Three copies of the Private Fire Service Application for the three fire services. (9 total).
- d. Three copies of Agreement For Decorative Paving.
- e. Certificates for worker's compensation insurance and public liability insurance and surety's copies.
- f. Application for Faithful Performance and Payment bonds and surety's copies.

I. Applicant-Installed Water Main Extension Agreement

1. EBMUD requires Wind River Systems' signature of all three copies of the agreement prior to finalizing the water line extension plans.
2. In addition, EBMUD requires a deposit of \$10,802 for design services. The \$10,802 is based on 5% of an EBMUD estimated construction cost of \$216,000. You have previously paid \$5,000 so the remainder of \$5,802 is due with submittal of agreement. Once EBMUD receives the agreement and check for \$5,802, they will finalize their Main Line Extension plans, which will take approximately 8-12 weeks. *5,000 = \$5,802 pay now.*
3. In addition to the design fees, EBMUD will require the following fees for the Main Line Extension:

540 Price Avenue • Redwood City, CA 94063 • (650) 482-6300 • FAX (650) 482-6399

Brian Kangas Fouk

Engineers • Surveyors • Planners

MAIN LINE EXTENSION FEES

ITEM:	TOTAL:
Inspection and Design	\$27,440 (21)
Base Charge	\$3,815 (1)
(3) Public fire hydrants including installation and materials.	\$6,920 (6)
(2) Wet Taps. 8 inch main connecting to existing 12 inch water main in Atlantic Ave.	\$1,500 (8)
**Purchase of the 8 inch steel pipe from EBMUD	\$24,100
Deposit for design services	-\$10,802
Subtotal after total deposit has been paid	\$52,998

Turner
 Letter from Agency can go to file

**EBMUD is currently requiring the Main Line Extension to be an 8 inch steel pipe. EBMUD will require the contractor to purchase the pipe material from them at an approximate cost of \$24,100.

If Woodward-Clyde can provide documentation from the appropriate Environmental Regulatory Agency that the site is clean, PVC pipe will be acceptable and will not need to be purchased from EBMUD.

- In addition to the \$52,998, EBMUD will soon be providing another agreement for the service laterals to the buildings and private fire hydrants. This agreement will require an additional fee of \$34,173. The signed service lateral agreement and fee together with the remaining balance for the Total Charges For the Main Line Extension, will be required prior to releasing the plans.

REMAINING BALANCE

ITEM:	TOTAL:
Main Line Extension	\$52,998
Service Laterals	\$34,173
Subtotal	\$87,171

pen
 AT completion of plans (w/ steel pipe)

Therefore a check for \$87,171 will be required to obtain EBMUD's design plans and begin construction for the main line extension.



- Please note special condition #6 on sheet 1 of the Main Line Extension Agreement, which requires Woodward-Clyde to provide, "Proof of Determination from the Appropriate Environmental Regulatory Agency, such as the Alameda County Health Department, that the Site Proves a Safe and Clean Work Environment for the Installation and Maintenance of the Pipelines."

Brian Kangas Foulk

Engineers • Surveyors • Planners

II. Fire Service Applications

1. EBMUD requires Wind River Systems to complete, sign and date the Fire Service Applications. All 9 copies need to be completed.

III. Agreement For Decorative Pavement

1. As you are aware there are some small areas of decorative paving on the proposed site. Therefore EBMUD requires Wind River Systems to complete sign and date the Agreement For Decorative Pavement, 3 copies in all. This agreement states that EBMUD will not be responsible for repairing or replacing the decorative pavement if they need to repair or replace the water line that is underneath the decorative pavement.

IV. Bonds

1. EBMUD requires a Payment Bond and Faithful Performance Bond to be included with the application package. Both bonds are for the amount of \$163,685. The amounts were based on EBMUD's total construction estimate of \$216,000 minus material costs.

V. Insurance

1. EBMUD requires Wind River Systems or Contractor to complete the Certificate Of Public Liability Insurance and the Certificate Of Workers Compensation Insurance. There are additional copies for the insurance agent.

Ned, please complete the above items and return the package to me as soon as possible so we do not delay EBMUD in processing the completion of the water plans. In summary do the following:

1. Sign and date Main Line Extension Agreement (3 copies)
2. Write check to East Bay Municipal Utility District in the amount of \$5,802.
3. Obtain appropriate documents from Woodward-Clyde
4. Sign and date Fire Service Applications (all 9 copies).
5. Sign and date Decorative Pavement Agreement (3 copies)
6. Complete the insurance forms.
7. Return to me for submittal to EBMUD

Brian Kangas Fouk

Engineers • Surveyors • Planners

Finally I have provided a revised breakdown of all EBMUD fees and when they are due:

MAIN LINE EXTENSION FEES:

ITEM:	TOTAL:
Inspection and Design	\$27,440
Base Charge	\$3,815
(3) Public fire hydrants including installation and materials.	\$6,920 (6)
(2) Wet Taps. 8 inch main connecting to existing 12 inch water main in Atlantic Ave.	\$1,500 (8)
**Purchase of the 8 inch steel pipe from EBMUD	\$24,100
Deposit for design services	-\$10,802
Subtotal after total deposit has been paid	\$52,998

\$52,998 will be due prior to the release of EBMUD's design plans for the Main Line Extension.

SERVICE LATERAL FEES:

ITEM:	TOTAL:
(6) 2 inch water service laterals	\$10,002 (5)
(3) 8 inch fire service laterals	\$24,171 (7)
Subtotal	\$34,173

\$34,173 will be due prior to the release of EBMUD's design plans for the Main Line Extension

EBMUD ESTIMATED SYSTEM CAPACITY FEES:
(FOR BLDGS 1 & 2 AND IRRIGATION)

(These are the charges to cover the costs associated with the additional demand to EBMUD's water system and sewer treatment plant)

ITEM:	TOTAL:
(3) 2-inch water meters	\$90,390 (3)
Waste water capacity fee for two buildings	\$59,470 (4)
Subtotal	\$149,860

The approximate \$149,860 does not need to be paid until prior to the installation of the three 2-inch water meters.

pay before they install the meter

Brian Kangas Foulk

Engineers • Surveyors • Planners

**EBMUD ESTIMATED SYSTEM CAPACITY FEES:
(FOR BLDGS 3,4 AND 5)**

ITEM:	TOTAL:
(3) 2-inch water meters	\$90,390
Waste Water Capacity Fee for three buildings	\$89,205
New Account Fee	\$75
Installation of (3) 2-inch water meters	\$3,000
Subtotal	\$182,670

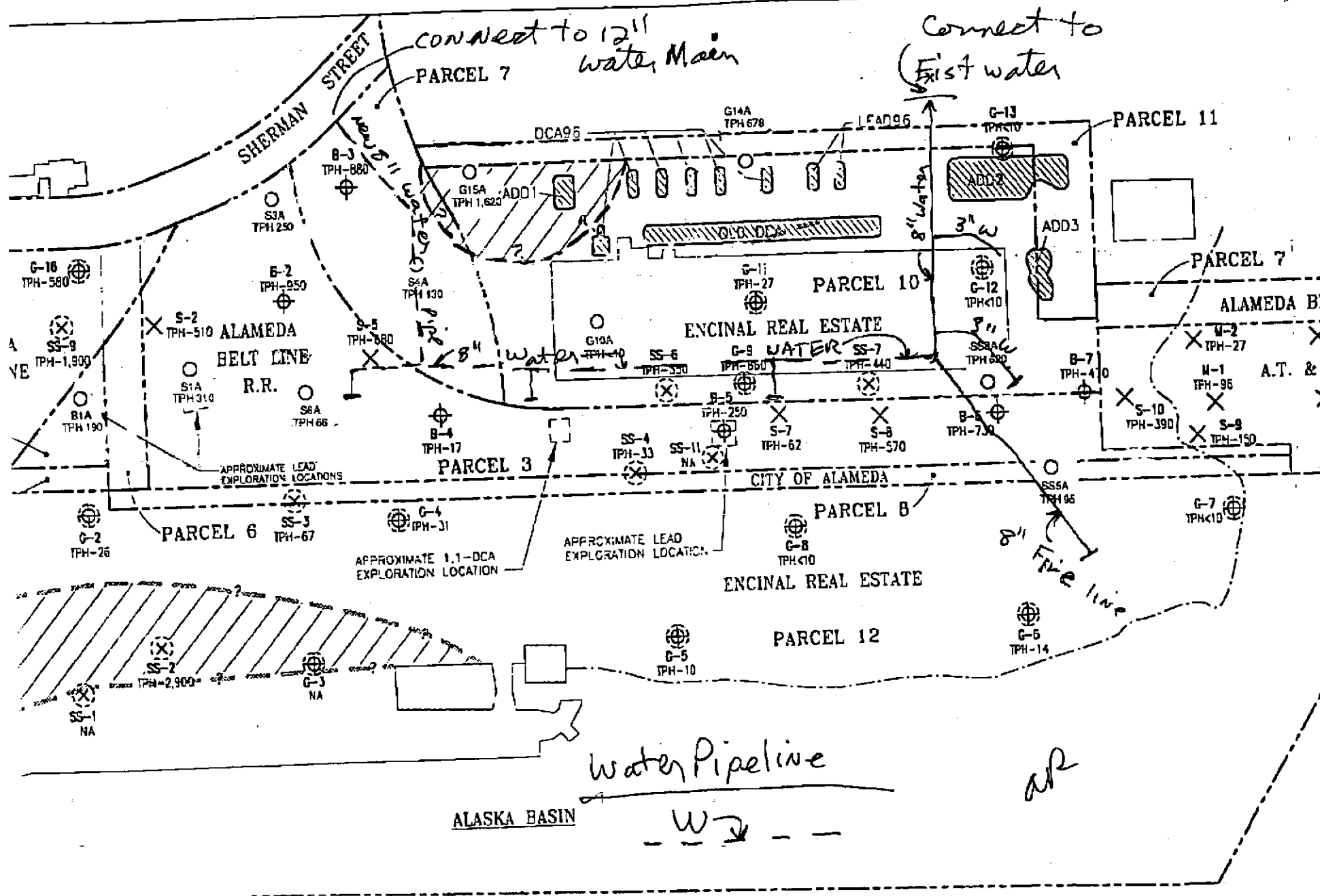
The approximate \$182,670 will need to be paid prior to the installation of the water meters for buildings 3,4 and 5. Please keep in mind that these fees go up in price every year.

If you have any questions regarding any of the agreement applications or EBMUD's fees please give me a call at (415)482-6340.

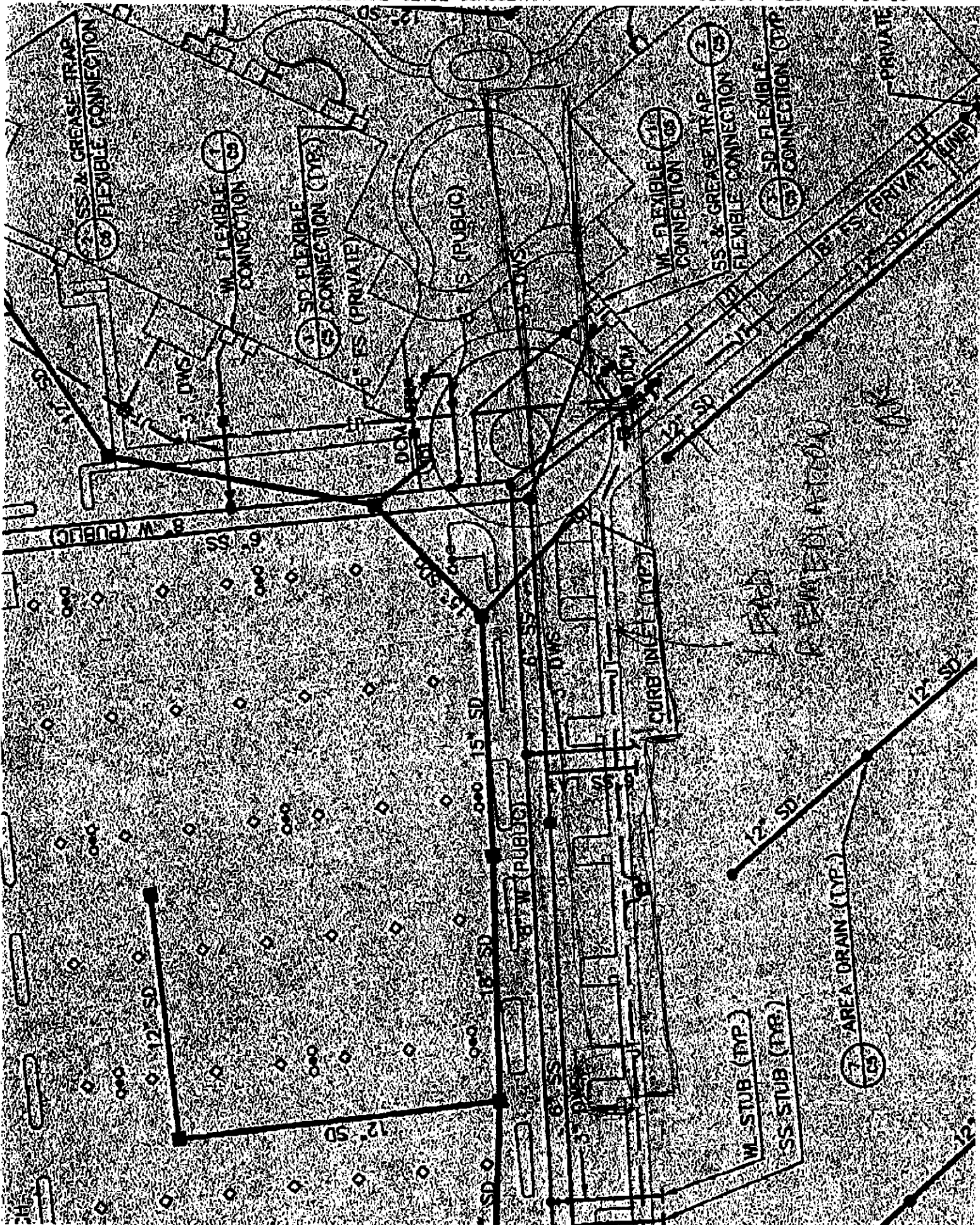
Sincerely,



Paul Boumann
Design Engineer



NOV-04-1997 18:39 WOODWARD-CLYDE CONSULTANT 510 874 3268 P.08/10



Woodward-Clyde 

Engineering & sciences applied to the earth & its environment

September 16, 1997
961163NAMs. Madhulla Logan
Hazardous Materials Specialist
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94503**Subject: Response to Questions, Risk Management Plan for Soil
Impacted by TPH motor oil, Encinal Real Estate Site, Alameda,
California, dated July 1, 1997**

Dear Ms. Logan:

This letter confirms our response to your questions, regarding the subject Risk Management Plan (RMP), discussed in our telephone conversation today. You requested a clarification of the sentence, in paragraph three, on page 6 of the RMP, stating that following the initial excavation and collection of confirmation soil samples: "Where remaining soil exceeds 1,000 mg/kg TPH motor oil the soil will be excavated about one foot deeper in the bottom, or about 10 feet laterally at the perimeter, and will be re-sampled and re-analyzed for TPH motor oil." As discussed, if the initial depth of excavation is sufficient to meet the capping requirements, and no need exists to remove the remaining soil based on the grading plan, there will be no need to excavate deeper where remaining soil with TPH motor oil exceeds 1,000 mg/kg.

The confirmation soil samples will be used to document the location where soil with TPH motor oil exceeding 1,000 mg/kg remains and is capped for the "as-built" report. In addition, excavations of soil, with TPH motor oil greater than 1,000 mg/kg, will not extend closer than 2 feet above the groundwater table.

Please call if you have any questions.

Sincerely,

Albert P. Ridley, C.E.G.
Senior Consultant

cc: Peter Wang, Dick Kraber, Charles Olson, Esq.



Woodward-Clyde Consultants - A subsidiary of Woodward-Clyde Group, Inc.
500 12th Street, Suite 200 • Oakland, California 94607-4014
(510) 893-3600 • Fax (510) 874-3268

ALAMEDA BELT LINE

FACSIMILE TRANSMITTAL SHEET

TO: JOHN WHARTON

COMPANY: WOODWARD-CLYDE

FAX NUMBER: (510) 874-3268

DATE: 9/11/97

FROM: PHIL COPPLE

TOTAL # PAGES: 14 INCLUDING COVER

PHONE: (510) 832-8464

FAX (510) 231-2628

JOHN:

13 COPIES OF UNIFORM HAZARDOUS WASTE MANIFEST
STARTING WITH NUMBER 96692165 THROUGH 96692177
COVER THE REMOVAL OF THE CONTAMINATED SOIL
WITH TRACE LEAD FROM ALAMEDA BELT LINE
PROPERTY FOR YOUR RECORDS.

PHIL

State of California—Environmental Protection Agency
Form Approved OMB No. 2060-0039 (Expires 9-30-99)
Please print or type. Form designed for use on 41lb (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

IN CASE OF EMERGENCY! UK 3115, CALL THE NATIONAL RESPONSE CENTER 1-800-424-9892. WITHIN CALIFORNIA, CALL 1-800-832-7333

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1	Information in the shaded areas is not required by Federal law.
	9 A 9 0 0 1 1 6 7 2 8 0		1 of 1	

3. Generator's Name and Mailing Address Alameda Belt Line 2801 Engineers Rd., Oakland, CA 94607		A. State Manifest Document Number 96692168
4. Generator's Phone 510 832-8464 Actn: Phil Cople		B. State Generator's ID 96692168
5. Transporter 1 Company Name ROGERS TRUCKING INC	6. US EPA ID Number CA 0048624910	C. State Transporter's ID 415-589-7015
7. Transporter 2 Company Name Union Pacific Lines	8. US EPA ID Number NE 001792910	D. State Transporter's ID (02) 271-4400
9. Designated Facility Name and Site Address ECDC Environmental 1111 W. Hwy 123 East Carbon, Utah 84520		E. State Manifest Document Number 02A094-212
10. US EPA ID Number UT C 093012201		F. State Facility's ID (800) 444-4451

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers		13. Total Quantity	14. Unit Wt/Vol	15. Waste Number
	No.	Type			
a. Non-RCRA Hazardous Waste Solid (Non-US D.O.T. Regulated)	001	GM	00010	Y	State: 611 EPA/Other: Non-RCRA
b.					State: EPA/Other:
c.					State: EPA/Other:
d.					State: EPA/Other:

16. Additional Descriptions for Materials Listed Above Approvals: 97-1928 Soil contaminated with trace lead.		K. Handling Codes for Wastes Listed Above	
		a. 03	b.
		c.	d.

15. Special Handling Instructions and Additional Information

In Case of Emergency or for Information, Call Al Ridley (510)874-3125 or () emergency contact

Railcar #

Container # 300128
NYRV

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

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name ALAMEDA BELT LINE	Signature <i>[Signature]</i>	Month Day Year 09 11 97
17. Transporter 1 Acknowledgement of Receipt of Materials		
Printed/Typed Name John H ALLEN	Signature <i>[Signature]</i>	Month Day Year 09 11 97
18. Transporter 2 Acknowledgement of Receipt of Materials		
Printed/Typed Name	Signature	Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 17.

Printed/Typed Name
Katherine G. Milburn

Signature
[Signature]

Month Day Year

DO NOT WRITE BELOW THIS LINE.

State of California—Environmental Protection Agency
EPA Approved OMB No. 2050-0039 (Expires 9-30-99)
EPA Form 351 (12-1987) (Use only for 12-pitch typewriter.)

See instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA 0001167280	Manifest Document No.	2. Page 1 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address Alameda Belt Line 2001 Engineers Rd., Oakland, CA 94607		A. State Manifest Document Number 96692169		B. State Generator's ID CA 0001167280	
4. Generator's Phone (510) 832-8464 Attn: Phil Cople		C. State Transporter's ID CA 0001167280		D. Transporter's Phone (510) 271-4400	
5. Transporter 1 Company Name DENBESTE TRANS.		6. US EPA ID Number CA 0001167280		E. State Transporter's ID CA 0001167280	
7. Transporter 2 Company Name Union Pacific Lines		8. US EPA ID Number NE 0001792910		F. State Transporter's ID NE 0001792910	
9. Designated Facility Name and Site Address ECDC Environmental 1111 W. Hwy 123 East Carbon, Utah 84520		10. US EPA ID Number UT 00093012201		G. State Facility's ID UT 00093012201	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) a. Non-RCRA Hazardous Waste Solid (Non-US D.O.T. Regulated)		12. Containers No. 001	Type GM/STYPS	13. Total Quantity	14. Unit Wt/Vol
					Waste Number 51 EPA/Other NON-RCRA
					State EPA/Other
					State EPA/Other
					State EPA/Other
J. Additional Descriptions for Materials Listed Above Approvals: 97-1925 Soil contaminated with trace lead excavated from Encinal Terminal site		K. Handling Codes for Wastes listed Above a. 03			
15. Special Handling Instructions and Additional Information In Case of Emergency or for Information, Call Al Ridley (510)874-3125 or () emergency contact		Railcar # NUTU 500-591 Container # 777 9647198			
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this assignment are fully and accurately described above by proper shipping name and are identified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Alameda Belt Line		Signature P.C. Cople, Supt		Month Day Year 09/11/97	
17. Transporter 1 Acknowledgment of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
18. Transporter 2 Acknowledgment of Receipt of Materials Printed/Typed Name LENNY BRASELKA		Signature Lenny Braselka		Month Day Year 09/11/97	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name Katherine G. Milburn		Signature		Month Day Year	

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL CHEMICAL CENTER 1-800-424-9300. THESE LABELS MUST BE ATTACHED TO THE CONTAINER.

DO NOT WRITE BELOW THIS LINE.

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9/30/99)
Ink print or type. Form designed for use on wire (12-pitch) typewriter.

See instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C A C 0 0 1 1 6 7 2 8 0		Manifest Document No.		2. Page 1 1 of 1		Information in the shaded areas is not required by Federal law.			
2. Generator's Name and Mailing Address Alameda Belt Line 2001 Engineers Rd., Oakland, CA 94607				A. State Manifest Document Number 96692170		B. State Generator ID H 2 1 0 3 6 0 5 7 2 0 6					
4. Generator's Phone (510) 832-8464 Attn: Phil Copple				6. US EPA ID Number 982513632		C. State Transporter ID					
5. Transporter 1 Company Name TD Trucking				8. US EPA ID Number N E D 0 0 1 7 9 2 9 1 0		D. Transporter Name					
7. Transporter 2 Company Name Union Pacific Lines				10. US EPA ID Number U T C 0 9 3 0 1 2 2 0 1		E. State Transporter ID					
9. Designated Facility Name and Site Address ECDC Environmental 1111 W. Hwy 123 East Carbon, Utah 84520				10. US EPA ID Number U T C 0 9 3 0 1 2 2 0 1		F. Transporter Phone (402) 271-4400					
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers No. Type		13. Total Quantity		14. Unit Wt./Vol		15. Waste Number	
a. Non-RCRA Hazardous Waste Solid (Non-US D.O.T. Regulated)				0 0 1 C H		115 yds				611 EPA/Other Non-RCRA	
b.										EPA/Other	
c.										EPA/Other	
d.										EPA/Other	
16. Additional Descriptions for Materials Listed Above						K. Handling Codes for Wastes Listed Above					
Approvals: 97-1920 Soil contaminated with trace lead excavated from Encinal Terminal site						a. 03					
15. Special Handling Instructions and Additional Information In Case of Emergency or for Information, Call Al Ridley (510)874-3125 or () emergency contact						Railcar # Container # 300016					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.											
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name ALAMEDA BELT LINE				Signature P. Copple, Supt				Month Day Year 09/14/97			
17. Transporter 1 Acknowledgment of Receipt of Materials				Signature D. D. D.				Month Day Year 09/11/97			
Printed/Typed Name DAVID OF ARMOUR				Signature				Month Day Year			
18. Transporter 2 Acknowledgment of Receipt of Materials				Signature				Month Day Year			
Printed/Typed Name				Signature				Month Day Year			
19. Discrepancy Indication Space											
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.										Month Day Year	
Printed/Typed Name Katherine G. Milburn				Signature				Month Day Year			

IN CASE OF EMERGENCY OR SPECIAL UNIFORM HAZARDOUS WASTE MANIFEST, USE THE NATIONAL RESPONSE CENTER 1-800-FOR-HELP (3675) 24 HOURS A DAY

DO NOT WRITE BELOW THIS LINE.

State of California - Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Indicate print or type. Form designed for use on edit (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. Q A Q 0 0 1 1 6 7 2 8 0	Manifest Document No.	2. Page 1 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address Alameda Belt Line 2001 Engineers Rd., Oakland, CA 94607			4. State Manifest Document Number 96692170		
4. Generator's Phone (510) 832-8464 Attn: Phil Copple			5. State Generator's ID Q A Q 0 0 1 1 6 7 2 8 0		
5. Transporter 1 Company Name ROGERS TRUCKING INC		6. US EPA ID Number C A M 0 0 4 8 6 2 4 9 1 0		7. State Transporter's ID 415-559-7015	
7. Transporter 2 Company Name Union Pacific Lines		8. US EPA ID Number N E D 0 0 1 7 9 2 9 1 0		9. State Transporter's ID (408) 271-4400	
9. Designated Facility Name and Site Address ECDC Environmental 1111 W. Hwy 123 East Carbon, Utah 84520			10. US EPA ID Number U T C 0 9 3 0 1 2 2 0 1		11. State Facility's ID UTAH 94-22
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) a. Non-RCRA Hazardous Waste Solid (Non-US D.O.T. Regulated)			12. Containers No. Type 0 0 1 G M	13. Total Quantity 000018 Y	14. Units wh/Vol
15. Additional Descriptions for Materials Listed Above Approvals: 97-1928 Soil contaminated with trace lead excavated from Encinal Terminal site			16. Handling Codes for Wastes Listed Above a. 03		
16. Special Handling Instructions and Additional Information In Case of Emergency or for Information, Call Al Ridley (510) 874-3125 or () emergency contact			Railcar # Container # 300004 NVRU		
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name ALAMEDA BELT LINE		Signature P. Copple, SUPT		Month Day Year 09/11/97	
17. Transporter 1 Acknowledgment of Receipt of Materials Printed/Typed Name John H ALLEN		Signature John H Allen		Month Day Year 09/11/97	
18. Transporter 2 Acknowledgment of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name Katherine G. Milburn					

GENERATOR

RECEIVED BY FACILITY

DO NOT WRITE BELOW THIS LINE.

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on olive (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C A C 0 0 1 1 6 7 2 8 0	Manifest Document No.	2. Page 1 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address Alameda Belt Line 2001 Engineers Rd., Oakland, CA 94607			A. State Manifest Document Number 96692172		
4. Generator's Phone 510, 832-8464 Attn: Phil Copple			B. State Generator's ID CAH036057205		
5. Transporter 1 Company Name <i>[Signature]</i>		6. US EPA ID Number <i>[Signature]</i>		D. State Transporter's ID <i>[Signature]</i>	
7. Transporter 2 Company Name Union Pacific Lines			8. US EPA ID Number N E D 0 0 1 7 9 2 9 1 0		E. State Transporter's ID <i>[Signature]</i>
9. Designated Facility Name and Site Address ECDC Environmental 1111 W. Hwy 123 East Carbon, Utah 84520			10. US EPA ID Number U T C 0 9 3 0 1 2 2 0 1		G. State Facility's ID UTA 894-22
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste Number State EPA/Other
a. Non-RCRA Hazardous Waste Solid (Non-US D.O.T. Regulated)		0 0 1 C M	000154		611 EPA/Other Non-RCRA
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other
16. Additional Descriptions for Materials Listed Above Approvals: 97- ECDC Sub 97-28 Soil contaminated with trace lead excavated from Encinal Terminal site			K. Handling Codes for Wastes Listed Above a. 03 b. c. d.		
15. Special Handling Instructions and Additional Information In Case of Emergency or for Information, Call Al Ridley (510) 874-3125 or () emergency contact			Railcar # Container # <i>[Signature]</i>		
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. & rail					
Printed/Typed Name ALAMEDA BELT LINE		Signature <i>[Signature]</i>		Month Day Year 09/11/97	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Month Day Year 09/11/97	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name Katherine G. Milburn		Signature		Month Day Year	

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-0002. WILSON VALUING, 3401 FOUNDRY ST, SAN FRANCISCO, CA 94103

DO NOT WRITE BELOW THIS LINE.

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0099 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C A C 0 0 1 1 6 7 2 8 0	Manifest Document No.	2. Page 1 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address Alameda Belt Line 2001 Engineers Rd., Oakland, CA 94607			A. State Manifest Document Number 96692179			
4. Generator's Phone (510) 832-8464 Attn: Phil Copple			B. State Generator's ID 0136057206			
5. Transporter 1 Company Name DENBESTE TRANS			6. US EPA ID Number C A D 1 9 9 2 5 1 1 3 6 3 0			
7. Transporter 2 Company Name Union Pacific Lines			8. US EPA ID Number N E D 0 0 1 7 9 2 9 1 0			
9. Designated Facility Name and Site Address ECBC Environmental 1111 W. Hwy 123 East Carbon, Utah 84520			10. US EPA ID Number U T C 0 9 3 0 1 2 2 0 1			
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste Number	
a. Non-RCRA Hazardous Waste Solid (Non-US D.O.T. Regulated)		0 0 1 QM	1155/1015		State 611 EPA/Other Non-RCRA	
b.					State EPA/Other	
c.					State EPA/Other	
d.					State EPA/Other	
16. Additional Descriptions for Materials Listed Above Approvals: 97- Soil contaminated with trace lead excavated from principal terminal site.			K. Handling Codes for Wastes listed Above a. 03 b. c. d.			
15. Special Handling Instructions and Additional Information In Case of Emergency or for Information, Call Al Ridley (510)874-3125 or () emergency contact			Railcar # Container 11NVRU.300 #777 801529P			
14. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are properly packaged, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment, OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name ALAMEDA BELT LINE		Signature P.P. Copple, Supt		Month 09	Day 11	Year 1997
17. Transporter 1 Acknowledgment of Receipt of Materials Printed/Typed Name		Signature		Month	Day	Year
18. Transporter 2 Acknowledgment of Receipt of Materials Printed/Typed Name LENNY BEASHECKER		Signature Lenny Beashecker		Month 09	Day 11	Year 1997
19. Discrepancy Indication Space						
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Katherine G. Milburn		Signature		Month	Day	Year

BY USE OF OVERSICUT, OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-9292. FAX 708-877-0001. E-MAIL: NRC@EPA.GOV. TOLL FREE: 1-800-424-9292.

DO NOT WRITE BELOW THIS LINE.

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on 11x17 (12-pitch) typewriter.

See instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-737-2323. GENERATOR FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C A C 0 0 1 1 6 7 2 8 0		Manifest Document No. 9 2 1 1 7 4		2. Page 1 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address Alameda Belt Line 2001 Engineers Rd., Oakland, CA 94607				A. State Manifest Document Number 96692174		B. State Generator ID H A H 0 3 6 0 5 7 2 0 6							
4. Generator's Phone (510) 832-8464 Attn: Phil Copple				C. State Transporter ID		D. Transporter's Phone (510) 787-2888							
5. Transporter 1 Company Name TRIDENT TRUCK LINES				6. US EPA ID Number N E D 0 0 1 7 9 2 9 1 0		E. State Transporter ID							
7. Transporter 2 Company Name Union Pacific Lines				8. US EPA ID Number U T C 0 9 3 0 1 2 2 0 1		F. State Transporter ID							
9. Designated Facility Name and Site Address ECDC Environmental 1111 W. Hwy 123 East Carbon, Utah 84520				10. US EPA ID Number U T C 0 9 3 0 1 2 2 0 1		G. State Facility ID U T A H 9 4 (-2) 2							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		15. Waste Number			
a. Non-RCRA Hazardous Waste Solid (Non-US D.O.T. Regulated)				0 0 1 C M		1 5 0 0 0 0				State: 611 EPA/Non-RCRA			
b.										State: EPA/Other:			
c.										State: EPA/Other:			
d.										State: EPA/Other:			
16. Additional Description for Materials Listed Above Approvals: 97- Soil contaminated with trace lead excavated from Encinal Terminal site.						K. Handling Codes for Wastes Listed Above a. 03 b. c. d.							
15. Special Handling Instructions and Additional Information In Case of Emergency or for Information, Call Al Ridley (510) 874-3125 or () emergency contact						Railcar # Container # NVRU 300085							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name ALAMEDA BELT LINE				Signature Phil Copple, Supr				Month Day Year 09/11/97					
17. Transporter 1 Acknowledgment of Receipt of Materials Printed/Typed Name JIM MAITLAND				Signature Jim Maitland				Month Day Year 09/11/97					
18. Transporter 2 Acknowledgment of Receipt of Materials Printed/Typed Name				Signature				Month Day Year					
19. Discrepancy Indication Space													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Katherine G. Hilburn										Signature		Month Day Year	

DO NOT WRITE BELOW THIS LINE.

In California—Environmental Protection Agency
Approved OMB No. 2050-0039 (Expires 9-30-99)
one print or type. Form designed for use on 11x17 (12-pitch) typewriter.

See instructions on back of page 6.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA 000116720000000001 of 1		2. Page 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address Alameda Belt Line 2001 Engineers Rd., Oakland, CA 94607				A. Manifest Document Number 96692175		B. State Generator's ID CA 036057206	
4. Generator's Phone (510) 832-8464 Attn: Phil Copple				C. State Transporter's ID		D. Transporter's Phone (907) 283-2881	
5. Transporter 1 Company Name TRIDENT TRUCK LINE				6. US EPA ID Number CA 098248320		E. State Transporter's ID	
7. Transporter 2 Company Name Union Pacific Lines				8. US EPA ID Number NE 0001792910		F. Transporter's Phone (802) 271-4400	
9. Designated Facility Name and Site Address ECDC Environmental 1111 W. Hwy 123 East Carbon, Utah 84520				10. US EPA ID Number UT 093012201		G. State Facility ID UT 94-122	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers No. Type		13. Total Quantity	
a. Non-RCRA Hazardous Waste solid (Non-US D.O.T. Regulated)				0 0 1 C M		14. Unit Wt/Vol	
b.						1. Waste Number State 613 EPA/Other Non-RCRA	
c.						State EPA/Other	
d.						State EPA/Other	
14. Additional Descriptions for Materials Listed Above Approvals: 97- Soil contaminated with trace lead excavated from Encinal Terminal site				K. Handling Codes for Wastes Listed Above a. 03			
15. Special Handling Instructions and Additional Information In Case of Emergency or for Information, Call Al Ridley (510)874-3125 or () emergency contact				Railcar # Container # NVR4 300121			
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations. If I am a large quantity generator, I certify that I have a program in place to track the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.							
Printed/Typed Name ALAMEDA BELT LINE				Signature P. P. Copple, SUPT		Month Day Year 09/11/97	
17. Transporter 1 Acknowledgment of Receipt of Materials Printed/Typed Name Doug Biggs				Signature Doug Biggs		Month Day Year 09/11/97	
18. Transporter 2 Acknowledgment of Receipt of Materials Printed/Typed Name				Signature		Month Day Year	
19. Discrepancy Indication Space							
Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name Katherine G. Milburn				Signature		Month Day Year	

GENERATOR

DO NOT WRITE BELOW THIS LINE.

Blue: GENERATOR SENDS THIS COPY TO DISC WITHIN 30 DAYS.
To: P.O. Box 400, Sacramento, CA 95812-0400

State of California - Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on allie (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. 949001167290	Manifest Document No. 9211614	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address Alameda Belt Line 2001 Engineers Rd., Oakland, CA 94607			A. State Manifest Document Number 96692161		B. State Generator ID UTAB94-22
4. Generator's Phone (510) 832-8464 Attn: Phil Copple			C. State Transporter ID UTAB94-22		D. Transporter's Phone 510-283-2222
5. Transporter 1 Company Name TRIDENT TRUCK LINE		6. US EPA ID Number CA098248320		E. State Transporter ID UTAB94-22	
7. Transporter 2 Company Name Union Pacific Lines		8. US EPA ID Number NE0001792910		F. Transporter's Phone 802-271-4400	
9. Designated Facility Name and Site Address ECDC Environmental 1111 W. Hwy 123 East Carbon, Utah 84520			10. US EPA ID Number UTC093012201		G. State Facility ID UTAB94-22
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste Number
a. Non-RCRA Hazardous Waste Solid (Non-US D.O.T. Regulated)		0 0 1 CM	00015	Y	State: 611 EPA/Other: Non-RCRA
b.					State: EPA/Other:
c.					State: EPA/Other:
d.					State: EPA/Other:
16. Additional Descriptions for Materials Listed Above Approvals: 97-1928 Soil contaminated with trace lead			K. Handling Codes for Wastes Listed Above a. 03 b. c. d.		
15. Special Handling Instructions and Additional Information In Case of Emergency or for Information, Call Al Ridley (510)874-3125 or () emergency contact			Railcar # Container #NUE430033		
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name ALAMEDA BELT LINE		Signature <i>P. Copple</i>		Month 09	Day 11
17. Transporter 1 Acknowledgement of Receipt of Material Printed/Typed Name Doug Biggs		Signature <i>Doug Biggs</i>		Month 09	Day 11
18. Transporter 2 Acknowledgement of Receipt of Material Printed/Typed Name		Signature		Month	Day
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name Katherine G. Nilburn		Signature		Month	Day

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-9302. WITHIN CALIFORNIA, CALL 1-800-952-7329

DO NOT WRITE BELOW THIS LINE.

State of California—Environmental Protection Agency
Form Approved OMB No. 2060-0039 (Expires 9-30-99)
Please print or type. Form designed for use on alpha (12-pitch) typewriter.

See instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C A C 0 0 1 1 6 7 2 8 0	Manifest Document No. 6 2 1 6 8	2. Page 1 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address Alameda Belt Line 2001 Engineers Rd., Oakland, CA 94607			4A. State Manifest Document Number 9669216		
4. Generator's Phone (510) 832-8464 Attn: Phil Copple			4B. State Generator's ID A E 0 3 6 0 5 7 2 0 6		
5. Transporter 1 Company Name TRIDENT TRUCK LINES		6. US EPA ID Number C E 0 9 1 8 2 4 2 4 3 7 6		5. State Transporter's ID 5 1 0 - 4 8 5 - 2 8 8	
7. Transporter 2 Company Name Union Pacific Lines		8. US EPA ID Number N E D 0 0 1 7 9 2 9 1 0		6. State Transporter's ID 1 4 0 2 1 2 7 1 - 4 4 0 0	
9. Designated Facility Name and Site Address ECDC Environmental 1111 W. Hwy 123 East Carbon, Utah 84520		10. US EPA ID Number U T C 0 9 3 0 1 2 2 0 1		7. State Facility's ID 1 8 0 0 1 4 4 4 - 4 4 5 1	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) a. Non-RCRA Hazardous Waste Solid (Non-US D.O.T. Regulated)		12. Containers No. 0 0 1	Type C M	13. Total Quantity 0 2 0 1 5	14. Unit yds
15. Special Handling Instructions and Additional Information In Case of Emergency or for Information, Call Al Ridley (510) 874-3125 or () emergency contact		16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.			
17. Transporter 1 Acknowledgment of Receipt of Materials Printed/Typed Name: ALAMEDA BELT LINE Signature: P. P. Copple, SUPT Month/Day/Year: 09/11/97		18. Transporter 2 Acknowledgment of Receipt of Materials Printed/Typed Name: JAMES HAMILTON Signature: James Hamilton Month/Day/Year: 09/11/97			
19. Discrepancy Indication Space		20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest (except as noted in item 19) Printed/Typed Name: Katherine G. Milburn Signature: Katherine G. Milburn Month/Day/Year: _____			

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-952-7330

DO NOT WRITE BELOW THIS LINE.

State of California - Environmental Protection Agency
Form Approved OMB No. 2050-0030 (Expires 9-30-99)
lease print or type. Form designed for use on white (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA 001167280		Manifest Document No.		2. Page 1 1 of 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address Alameda Belt Line 2001 Engineers Rd., Oakland, CA 94607		4. Generator's Phone (510) 832-8464 Attn: Phil Coppel		6. US EPA ID Number		A. Date (Month) Document Number 96692177		B. State Generator's ID CA 001167280	
5. Transporter 1 Company Name K. D. Dwyer Trucking		7. Transporter 2 Company Name Union Pacific Lines		8. US EPA ID Number NE 001792910		C. State Transporter's ID CA 0015927080		D. Transporter's Phone (800) 552-7080	
9. Designated Facility Name and Site Address ECDC Environmental 1111 W. Hwy 123 East Carbon, Utah 84520		10. US EPA ID Number UT 093012201		12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) Non-RCRA Hazardous Waste Solid (Non-US D.O.T. Regulated)		12. Containers 001 QM		13. Total Quantity BOOBS Y		14. Unit Wt/Vol		15. Waste Number State EPA/Other Non-RCRA	
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are properly marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.		17. Transporter 1 Acknowledgment of Receipt of Materials Printed/Typed Name Signature Month Day Year 09/1/97		18. Transporter 2 Acknowledgment of Receipt of Materials Printed/Typed Name Signature Month Day Year		K. Handling Codes for Wastes Listed Above a. 03		L. Waste Number State EPA/Other	
19. Discrepancy Indication Space		20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Signature Month Day Year Katherine B. Wilburn		15. Waste Number State EPA/Other		15. Waste Number State EPA/Other		15. Waste Number State EPA/Other	

GENERATOR'S USE ONLY - ALL THE INFORMATION ON THIS MANIFEST MUST BE PRINTED OR TYPED

DO NOT WRITE BELOW THIS LINE.

State of California—Environmental Protection Agency
 Form Approved OMB No. 2050-0039 (Expires 9-30-99)
 Please print or type. Form designed for use on 8 1/2 (12-pitch) typewriter.

See instructions on back of page 6.

Department of Toxic Substances Control
 Sacramento, California

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-522-7330

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C A C 0 0 1 1 6 7 2 8 0		Manifest Document No.		2. Page 1 1 of 1		Information in the shaded areas is not required by Federal law.			
3. Generator's Name and Mailing Address Alameda Belt Line 2001 Engineers Rd., Oakland, CA 94607						A. State Manifest Document Number 9669216					
4. Generator's Phone (510) 832-8464 Attn: Phil Coppo						B. State Generator's ID H A H 0 3 5 0 5 7 2 0 6					
5. Transporter 1 Company Name <i>L. D. Brouck</i>						C. State Transporter's ID					
6. US EPA ID Number C A C 0 0 1 1 6 7 2 8 0						D. Transporter's Phone <i>(510) 832-8464</i>					
7. Transporter 2 Company Name Union Pacific Lines						E. State Transporter's ID					
8. US EPA ID Number N E D 0 0 1 7 9 2 9 1 0						F. Transporter's Phone <i>(402) 271-4400</i>					
9. Designated Facility Name and Site Address ECDC Environmental 1111 W. Hwy 123 East Carbon, Utah 84520						G. State Facility's ID U T A H 9 4 - 2 2					
10. US EPA ID Number U T C 0 9 3 0 1 2 2 0 1						H. Facility's Phone <i>(800) 444-8451</i>					
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Val	
						No.		Type			
a. Non-RCRA Hazardous Waste Solid (Non-US D.O.T. Regulated)						0 0 1		C M		1. Waste Number State: 611 EPA/Other: RCRA	
b.										State EPA/Other	
c.										State EPA/Other	
d.										State EPA/Other	
15. Additional Descriptions for Materials Listed Above Approvals: 97-1920 Soil contaminated with trace lead.						K. Handling Codes for Wastes Listed Above a. 03 b. c. d.					
16. Special Handling Instructions and Additional Information In Case of Emergency or for Information, Call Al Ridley (510)874-3125 or () emergency contact						Railcar # Container #					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name Alameda Belt Line				Signature <i>Phil Coppo</i>				Month Day Year 09/11/97			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <i>L. D. Brouck</i>				Signature <i>L. D. Brouck</i>				Month Day Year 09/11/97			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature				Month Day Year			
19. Discrepancy Indication Space											
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Katherine G. Milburn											

DO NOT WRITE BELOW THIS LINE.

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on white (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C A C 0 0 1 1 6 7 2 8 0		Manifest Document No.		2. Page 1 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address Alameda Belt Line 2001 Engineers Rd., Oakland, CA 94607						A. State Manifest Document Number 96692176							
4. Generator's Phone 510 832-8464 Attn: Phil Copple						B. State Generator ID H A R Q 3 6 0 5 7 2 0 6							
5. Transporter 1 Company Name ROGERS Trucking Inc						C. State Transporter ID 44-55-708							
6. US EPA ID Number KAD049649616						D. State Transporter ID 44-55-708							
7. Transporter 2 Company Name Union Pacific Lines						E. State Transporter ID 44-55-708							
8. US EPA ID Number N E D 0 0 1 7 9 2 9 1 0						F. State Transporter ID 44-55-708							
9. Designated Facility Name and Site Address ECDC Environmental 1111 W. Hwy 123 East Carbon, Utah 84520						G. State Facility ID U T A H 9 4 - 2 2 7							
10. US EPA ID Number U T C 0 9 3 0 1 2 2 0 1						H. State Facility ID (900) 444-4451							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) a. Non-RCRA Hazardous Waste Solid (Non-US D.O.T. Regulated)						12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		15. Waste Number State EPA/Non-RCRA	
						0 0 1 C M		00015 Y				611	
16. Additional Descriptions for Materials Listed Above Approvals: 97- Soil contaminated with trace lead excavated from Encinal Terminal site						K. Handling Codes for Wastes Listed Above a. 03							
15. Special Handling Instructions and Additional Information In Case of Emergency or for Information, Call Al Ridley (510)874-3125 or () emergency contact						Railcar # NWU 30024 Container #							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name ALAMEDA BELT LINE				Signature P. Copple, Supt.				Month Day Year 09/11/97					
17. Transporter 1 Acknowledgment of Receipt of Materials Printed/Typed Name John H. ALLEN				Signature John H. Allen				Month Day Year 09/11/97					
18. Transporter 2 Acknowledgment of Receipt of Materials Printed/Typed Name				Signature				Month Day Year					
19. Discrepancy Indication Space													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name Katherine G. Milburn													

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-832-7330

GENERATOR

FACILITY

DO NOT WRITE BELOW THIS LINE.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



September 15, 1997

Mr. Peter Wang,
PO Box 2453
Alameda, CA - 94501

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

Ref: Encinal Real Estate, 2020 Sherman Drive, Alameda, CA

Dear Mr. Wang:

I am in receipt of the documents, "*Risk Management Plan for Soil Impacted by TPH*", dated July 1, 1997, *Addendum to the Risk Management Plan*, dated September 11, 1997, and a *response letter* dated September 16, 1997, prepared by Woodward-Clyde Consultants for the above referenced project.

This Department has reviewed all the pertinent information submitted with regards to the referenced property. The risk management plan addresses both the construction and post-construction scenarios to manage the TPH-motor oil on site, and includes discussion on health and safety protocols (which needs to follow OSHA guidelines), dust control, management methods of TPH contaminated soils, and the protocols to be followed by on-site workers, etc. Also, additional soil sampling documented in the addendum to the risk management plan, indicates that the extent of soil with TPH-motor oil exceeding the cleanup-levels is less than that identified previously.

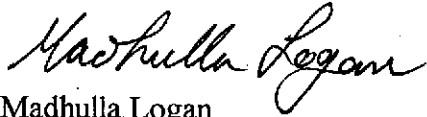
Based on the information submitted, the Risk Management Plan (RMP) is acceptable to this Department. However, prior to obtaining a final closure from this Department, the following information regarding the TPH-motor oil contamination still needs to be submitted:

It is mentioned in the RMP that confirmation soil samples will be collected to define the extent of TPH contamination which in turn will be documented in a "as built" report. The "as built" report which identifies the placement of soils with TPH concentrations higher than 1000 ppm needs to be submitted to this Department.

Also, after finalizing the "as built report" you have chosen to complete the notification procedure, by submitting a copy of the risk management plan to the City of Alameda wherein it will be maintained in the City Files. This Department is still not certain as to how the information in the RMP will be passed-on to future buyers during property transactions if the RMP is not recorded in the deed. Since this Department does not regulate the implementation of the risk management plans, please provide us with a letter approved/accepted by City of Alameda which explains the process that will be used to appropriately disseminate the information to any future buyers of the property.

If you have any questions, you can contact me at (510) 567-6764.

Sincerely,



Madhulla Logan
Hazardous Material Specialist

CC: San Francisco Regional Water Quality Control Board, 2101 Webster St, Oakland, CA
Richard Kraber, Wind River System, Chief Financial Officer, 2021 Challenger Drive,
Alameda, CA - 94501
Marco Lobascio, Al Ridley, Woodward-Clyde, 500 12th Street, Suite 100
Oakland, CA- 94607
Charles Olsen esq, Sanger and Olsen, 1 Embarcadero Center, 1st floor, San Francisco,
CA 94111-3617

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

August 15, 1997

ATTN: Mr Dick Kraber

Wind River System
1010 Atlantic Ave
Alameda CA 94501

RE: Project # 2380A - Type M
at 2020 Sherman St in Alameda 94501

Dear Property Owner/Designee:

Our records indicate the deposit/refund account for the above project has fallen below the minimum deposit amount. To replenish the account, please submit an additional deposit of \$5,500.00, payable to Alameda County, Environmental Health Services.

We must receive this deposit so that future regulatory oversight on the subject site can proceed in a timely fashion. At the completion of this project, any unused monies will be refunded to you or your designee.

The deposit refund mechanism is authorized in Section 6.92.040L of the Alameda County Ordinance Code. Work on this project will be debited at the Ordinance specified rate, currently \$94 per hour.

Please be sure to write the following on the check to identify your account:

- project #,
- type of project and
- site address

(see RE: line above).

If you have any questions, please contact Madhulla Logan at (510) 567-6764.

Sincerely,

Tom Peacock, Manager
Environmental Protection

c: files/inspector

LETTER OF TRANSMITTAL

April 11, 1997

TO: Jim Severns
TRC Environmental Solutions, Inc.
2815 Mitchell Drive, Suite 103
Walnut Creek, CA 94598

FROM: Albert Ridley

SUBJECT: Copy of Alameda Report

Transmitted herewith, please find one copy of our report, dated April 9, 1997, for the Alameda Site. I have also included a copy of a transmittal letter to Alameda County. Call me if you have any questions.

April 11, 1997
961163NB

Ms. Madhulla Logan
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Second Floor
Alameda, CA 94502

Subject: Site Characterization Report and Remediation Plan, Wind River Systems
Alameda Site, Alameda, California

Dear Ms. Logan::

Please find enclosed one copy of our subject report, dated April 9, 1997. Please review our report and call if you have any comments or questions. We would like to discuss the schedule of this project and the submittals that you may need prior to beginning site remediation. The seller will be handling the remediation of this site.

Sincerely,



Albert P. Ridley, CEG
Project Manager

APR:apr

cc: Peter Wang

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



July 21, 1997

Mr. Peter Wang,
P.O. Box 2453
Alameda, CA - 94501

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

Ref: Encinal Real Estate, 2020 Sherman Drive, Alameda, CA

Dear Mr. Wang:

I am in receipt of the document, "*Removal Action Work plan for Lead-impacted Soil, Encinal Real Estate, Alameda, California*", dated June 13, 1997 prepared by Woodward-Clyde Consultants for the above referenced project. This document has been reviewed by this Department, and based on the information provided, the Work plan is acceptable with the following additional modification:

- The Work plan mentions that confirmation soil samples will be collected from sidewalls and bottom of the excavation to check if concentrations of lead left in place are less than the cleanup goals of 1000 ppm for lead. However, some of the soil samples should be tested using EPA 1312 method (Synthetic Precipitation Leaching Procedure) to identify the leaching potential of residual lead to groundwater. Cleanup level based on leachate tests will be 5 mg/l as per the Soluble Threshold Limit Concentrations in Title 22 of California Code of Regulations. Samples with high concentrations of lead as indicated by the XRF indicator, and/or samples collected at depths closer to groundwater that is found positive for lead are the two criteria that need to be used to select samples for the SPLP analysis.

If you have any questions, you may reach me at (510) 567-6764.

Sincerely,

Madhulla Logan
Hazardous Material Specialist

CC: San Francisco Regional Water Quality Control Board, 2101 Webster St, Oakland, CA
Richard Kraber, Wind River System, Chief Financial Officer, 2021 Challenger Drive,
Alameda, CA - 94501
Marco Lobascio, Al Ridley, Woodward-Clyde, 500 12th Street, Suite 100
Oakland, CA- 94607
Charles Olsen esq, Sanger and Olsen, 1 Embarcadero Center, 1st floor, San Francisco,
CA 94111-3617



Ca/EPA

**San Francisco Bay
Regional Water
Quality Control
Board**

2101 Webster Street
Suite 500
Oakland, CA 94612
(510) 286-1255
FAX (510) 286-1380



Pete Wilson
Governor

To: Interested Parties

January 31, 1997

File: 1123.64

**SUBJECT: Utilization of Non-Purge Approach for Sampling of
Monitoring Wells Impacted by Petroleum Hydrocarbons,
BTEX, and MTBE**

REFERENCE: "The California Groundwater Purging Study for
Petroleum Hydrocarbons", Report for Western States
Petroleum Association by SECOR International
Incorporated, Dated October 28, 1996

Finding and Recommendation

The WSPA study concludes that selection of a non-purge sampling methodology will not affect the overall variability of analytic data, and will provide a comparable, and in many cases, conservative estimate of petroleum hydrocarbons in groundwater. Based upon our review of the study, we conclude that for monitoring wells at fuel UST sites purging is not required providing the conditions we have outlined below are met. Our rationale is provided below.

Rationale

Since the release of the Western States Petroleum Association (WSPA) study on the effects of purging or not purging gasoline impacted monitoring wells prior to sampling there have been questions posed as to the validity and applicability of the study. Board staff acknowledge the concerns of some towards the possible bias in the study because of variations in data quality due to differing purging and sampling techniques utilized in the study, the lack of specific well design information or water quality parameter information, and the questions of statistical bias introduced into the study by the inclusion of non-detect data. However, we believe that these concerns are mitigated by the overall environmental and economic benefits discussed below.

Section 13267 (b) of the Water Code states that for technical or monitoring program reports the board may specify that ... "The burden, including costs, of these reports shall bear a reasonable relationship to the need for the report and the benefits to be obtained from the reports". From an environmental perspective, there is an advantage in reducing the environmental burden by virtue of reducing the volumes of purge water for treatment and disposal, which in turn reduces secondary impacts to air and water quality from waste handling, transport, and treatment of the purge water. In



Recycled Paper

Our mission is to preserve and enhance the quality of California's water resources, and ensure their proper allocation and efficient use for the benefit of present and future generations.

addition, there is a positive cost savings and, consequently, a potential savings to the State's limited Clean Up Fund resources. We therefore believe that this approach is consistent with Section 13267.

We recognize at least one disadvantage from not purging is that, if true, higher analytic readings from non-purged samples may result in unnecessarily prolonging remediation and monitoring. In the worst case, some minor changes in water quality may be missed on a timely basis, such as those due to changes resulting from utilizing effective remediation techniques or, conversely, missing the detection of a new release from on or off site. Also, if further refinement of the WSPA study provides new information in conflict to the present study, we are prepared to modify our requirements accordingly.

Conditions on Using the Non-Purging Approach

In consideration of the above, we will now require the following for any Responsible Party or consultant proposing to utilize the non-purging approach:


1. The non-purging approach shall be used only for monitoring wells where groundwater has been impacted by Petroleum Hydrocarbons, BTEX, and MTBE.
2. Non-purge sampling shall be utilized for unconfined aquifers only.
3. The monitoring well shall be properly permitted, constructed (in this case, screened across the water table), and developed.
4. The well is not presently in use for groundwater or soil vapor extraction.
5. The well does not have free product.
6. For new wells or wells brought into monitoring for the first time, the first round of groundwater sampling performed at a site shall be with both non-purged and purged samples. The purging and sampling method used shall be documented. This shall include the rate of purge and sampling details. For these wells we require measurements of dissolved oxygen, specific conductance, pH, and temperature whether purged or not purged. Also, if biodegradation is being tracked at the well, our requirements do not preclude the measurement of other parameters.

January 31, 1997

7. Existing wells which have already been routinely purged in previous sampling events immediate to being switched to a non-purging mode do not require an initial duplicate non-purged and purged sample.
8. Monitoring data frequency shall be as required by the appropriate regulatory oversight agency.
9. Should a Responsible Party request site closure where the non-purged approach has been used, the final confirmation sampling event shall include both non-purged and purged samples from each well or as agreed upon with the appropriate regulatory oversight agency.

Prior to implementing the non-purge approach, the appropriate regulatory oversight agency shall be contacted, with an information copy to this office. Please call John Kaiser (510 - 286 - 0803) or me (510 - 286 - 0304) if you have any questions regarding this letter.

Loretta K. Barsamian
Executive Officer

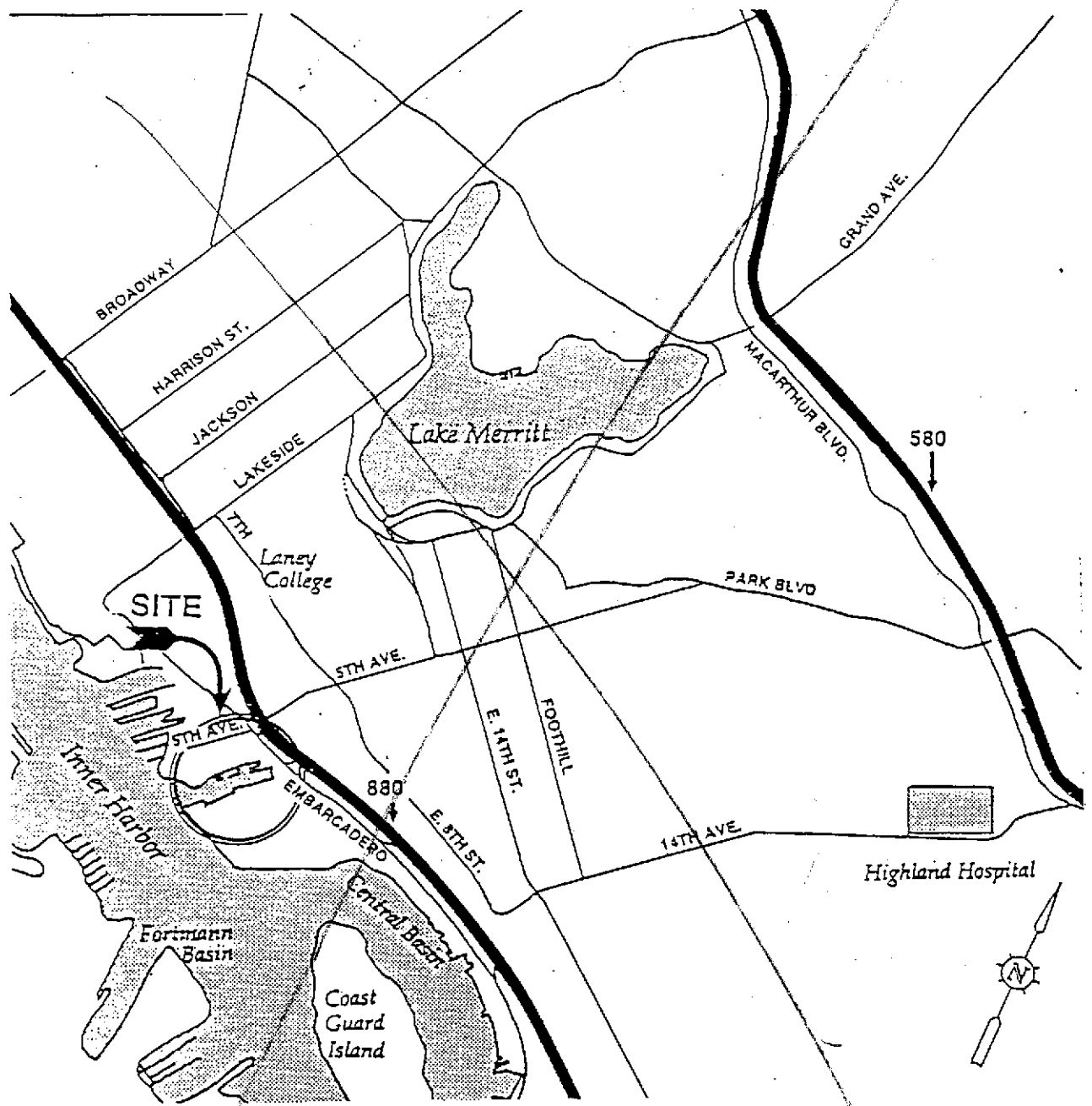


Stephen I. Morse, P.E.
Chief,
Toxics Cleanup Division

cc: SWRCB - CWP (Alan Patton and Dave Deaner)
Regional Boards 1,3-9 UST Program Managers
RWQCB Region 2 UST Staff
USEPA, Region 9 (Matt Small)
Region 2 Local Agency UST Managers

Note: A synopsis of the WSPA Report including information on how to obtain the complete report may be found on the Internet at <http://www.secor.com/purge.html>





SITE VICINITY MAP

Subsurface Consultants

8TH AVENUE STUDY AREA-OAKLAND, CA
 JOB NUMBER 133.005 DATE 6/21/96 APPROVED *SP*

PLATE
1

January 20, 1997
961163NB

Richard Kraber
Vice President of Finance
Chief Financial Officer
Wind River Systems
2021 Challenger
Alameda, CA 94501

Subject: Additional Work on Alameda Beltline Property, Alameda, CA

Dear Mr. Kraber:

As discussed at our meeting at the Alameda County offices on Tuesday, January 14, we understand that you wish Woodward-Clyde Consultants (WCC) to perform additional investigation work on a small Alameda Beltline (ABL) parcel located on the south side of the existing rail line and east of Sherman Avenue (see attached Figure). We understand that this parcel may also be a part of the planned development and that you wish WCC to perform soil and groundwater exploration to evaluate the environmental conditions on the property. This site might be used for construction of an access roadway. Our proposed work scope is described below. We anticipate performing this work at the same time we are investigating the nearby properties. Also included is a further discussion of the evaluation of sampling results which is a clarification of our approach for the entire project site.

SCOPE OF WORK

One exploratory boring will be drilled on the ABL parcel using geoprobe methods, and two shallow soil samples will be collected on the parcel. The Geoprobe boring will be drilled to a depth of about 10 feet. Soil will be collected from the drive sampler between depths of 0.5 to about 1 foot below ground surface. A grab groundwater sample will be collected from the boring using a bailer and will then be placed in a clean laboratory supplied container. It is anticipated that groundwater will be encountered between 6 to 7 feet below ground surface.

Two shallow soil samples will also be collected using either a hand auger or a shovel. Prior to sampling the pavement will be cored. Shallow soil samples will be collected from depths of about 0.5 to 1 foot below ground surface. Each soil and groundwater sample will be labeled, placed in an ice chest, and transported under chain-of-custody to the analytical laboratory. For the cost estimate we have assumed that the Geoprobe method will be able to penetrate through the soil and fill materials at the site and will not encounter refusal.

Perforated PVC pipe will be placed in the Geoprobe borings to allow measurement of the stabilized depth to groundwater. Locations will be surveyed by a licensed surveyor. Logs will be prepared showing the materials encountered in the borings. The elevation of the ground at the



Woodward-Clyde

Richard Kraber
Wind River Systems
January 20, 1997
Page 2

boring locations will be surveyed so the groundwater elevation can be measured to prepare a groundwater gradient map. Soil cuttings from exploratory borings and rinse water will be properly disposed.

LABORATORY ANALYSES

About three soil samples and one groundwater sample will be collected and submitted the analytical laboratory. Surficial soil samples will be analyzed for: Title 22 metals, TPH gasoline, diesel and motor oil (EPA 8015), volatile organic compounds (EPA 8260), semi-volatile organic compounds (EPA 9270), pesticides and PCBs (EPA 8081), herbicides (EPA 8150). One groundwater sample will be analyzed for: Title 22 metals, TPH gasoline and diesel, volatile organic compounds (EPA 8260), semi-volatile organic compounds (EPA 8270), pesticides and PCBs (EPA 8081), and herbicides (EPA 8150).

EVALUATION OF SAMPLING RESULTS

Laboratory analysis results from soil and shallow groundwater samples will be compared with applicable and relevant screening criteria. These screening levels will be based on the criteria outlined in the handouts distributed at the January 14 meeting. Two potential receptors of chemical exposure will be considered:

1. Human health (based on a commercial workers scenario)
2. Bay water quality (based on potential migration in shallow groundwater)

Human health screening levels include:

- Published U.S. EPA Region 9 PRGs for metals and non-volatiles
- Published ASTM RBCA RBSLs for volatiles
- Lead (400, and 1000 mg/kg)
- Motor oil (1000 mg/kg)

Shallow groundwater screening levels will be based on the published water quality objectives of the SF Bay Basin Plan. More site-specific target levels will be developed, if necessary, by performing chemical fate and transport modeling similar to the 1,1-DCA study for the Encinal site (drinking water criteria are not applicable to the shallow groundwater at the site).

The development of site-specific target levels or the performance of fate and transport modeling may be necessary for this site if screening criteria are exceeded or if they are not available. For this reason the cost for these site-specific analyses is not included in this proposal.



Woodward-Clyde

Richard Kraber
Wind River Systems
January 20, 1997
Page 3

ESTIMATED SCHEDULE AND COST

We will perform this sampling during the sampling of the adjacent parcels. We assume that Wind River will make arrangements for our access to the ABL Parcel so that we may perform the sampling. We anticipate that there will be a slight increase in the time required to complete the field sampling by the addition of one boring and two shallow soil sampling locations. The costs for laboratory services will be paid directly by Wind River. WCC will review the laboratory invoices and forward them to you for your direct payment to the laboratory. Costs will be accrued on a time and materials basis in accordance with our current Schedule of Charges. We estimate the cost for this additional work scope will be approximately \$5,000.

This work will be incorporated into the report for the other parcels.

AUTHORIZATION

If you are in agreement with this proposal please initial below and sign the Addendum and return one original document to our office as authorization to proceed. We anticipate beginning field exploration on Tuesday January 21st. Please call if you have any questions.

Sincerely,



Albert P. Ridley, CEG
Project Manager

Attachments: Figure 1 Sampling on ABL Parcel
Cost Estimate

Client Initials: _____

Date: _____

TABLE 1

COST ESTIMATE FOR ABL PROPERTY ALAMEDA, CALIF.

COST ITEM	Hourly rate/	Units	Subtotal Cost	TOTALS
	Unit Cost			
Labor				
Senior Consultant	\$150	2		
Staff Engineer	\$85	3		
Drafting	\$72	1		
Total Labor Costs				
Field Exploration Contractor				
Drilling rig and 2-person crew	\$115	2		
Cement(bag)	\$9	2		
Well Casing(lin. foot)	\$4	15		
Bailer(each)	\$8	1		
Utility Location Contractor	\$90	2		
Subcontractor markup 10%				
Laboratory				
Title 22 metals	\$125	4		
Total Petroleum Hydrocarbons(8015)	\$95	4		
Volatile Organic Compounds (8260)	\$115	4		
Semi- Volatile Organic Compounds(8270)	\$250	4		
Pesticides and PCBs (8081)	\$87	4		
Herbicides (8150)	\$155	4		
				Lab
				TO

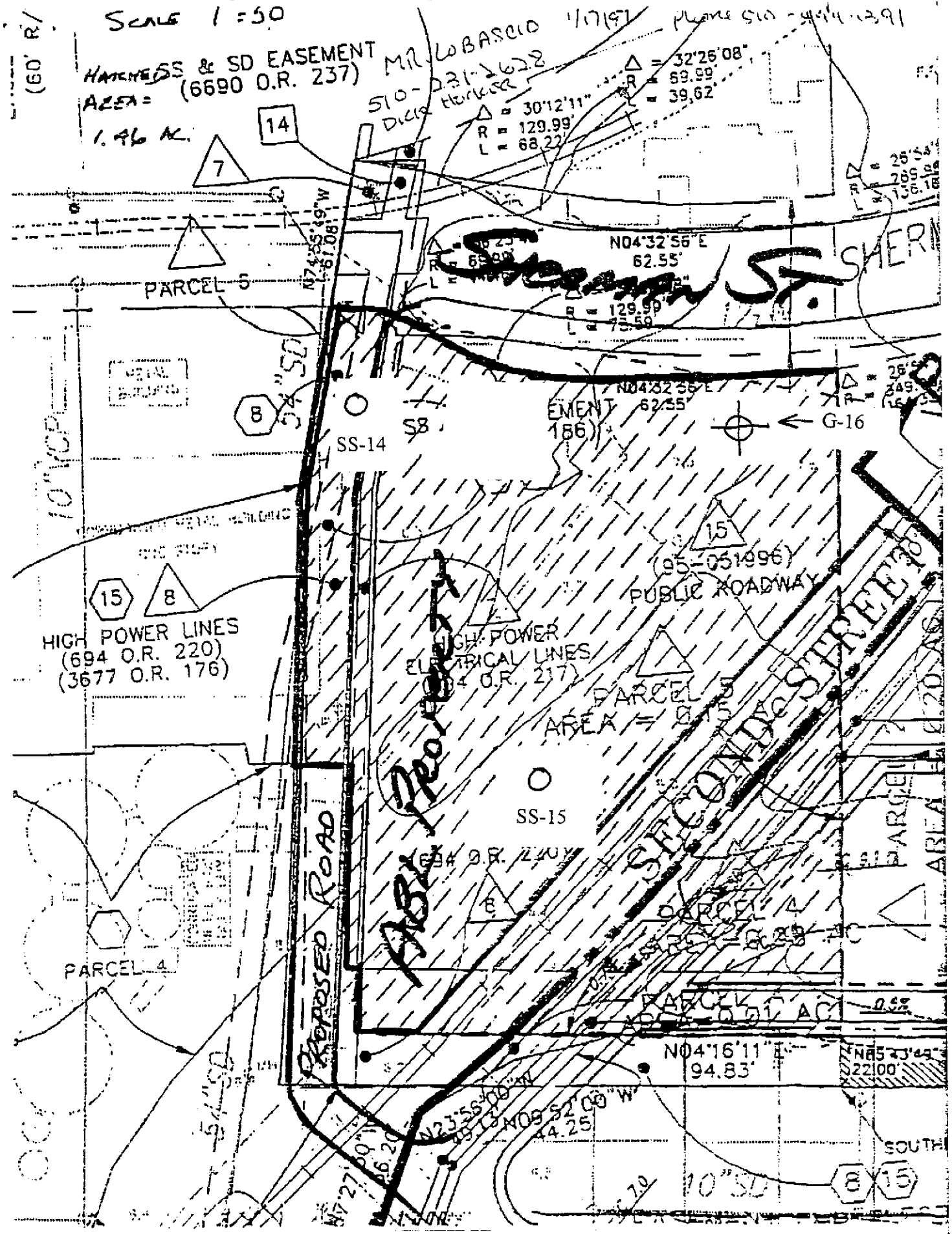


FIGURE 1 EXPLORATION LOCATIONS ABL PARCEL
ALAMEDA, CALIFORNIA

*Environmental Assessment -
Wind River Systems Site -
Alameda, California*

*Meeting with the City of Alameda
and the County Envir. Health Dept.*

ACDEH, January 14, 1997

Background

- **Site is composed of three parcels**
- **Alameda Beltline parcel already characterized by WCC**
- **Chemicals of concern:**
 - **Lead and TPH-motor oil in soil**
 - **No shallow GW quality impact**
- **WCC proposed for the remaining parcels a similar investigation program for soil and shallow GW:**

**VOCs by 8260, semi-volatiles by 8270,
pesticides and herbicides by 8081 and 8150
TPH by 8015 and Title 22 metals**

Proposed Target Levels for Site Characterization

- **Two potential receptors of chemical exposure:**
 - Human health (commercial workers scenario)
 - Bay water quality (migration in shallow GW)
- **Human health target levels:**
 - Region 9 PRGS for metals and non-VOCs
 - ASTM RBCA SSTLs for indoor VOCs
 - Lead (400, 1000, >1000 mg/kg)
 - Motor oil (1000 mg/kg)
- **Shallow GW target levels:**
 - Will be developed if necessary
 - Drinking water criteria are not applicable
 - Perform fate and transport modeling similar to the 1,1-DCA study for the Encinal site

Treadwell & Rollo

Environmental and Geotechnical Consultants
555 Montgomery Street, Suite 1300
San Francisco, California 94111
Phone: 415/955-9040
Fax: 415/955-9041

FAX TRANSMITTAL

Date: 12/27/96 Send to fax #: 510/337-9335

To: Madhulla Logan / ACDEH

From: Michael McGuire

Project name: 3321 Lakechore Project number: 1789.01

Number of pages including cover: 2

Notes: _____

This document will also be mailed to you: _____

Should you encounter any difficulties with this fax, please call 415/955/9040

Treadwell & Rollo

27 December 1996
Project 1789.01

Ms. Madhulla Logan, M.S.
Hazardous Materials Specialist
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94507-6577

Subject: Request for Extension
3321-3329 Lakeshore Avenue
Oakland, California 94610
(Formerly Sherman Cleaners)

Dear Ms. Logan:

I have received your letter of 10 December 1996 transmitting your comments on the workplans recently submitted for the subject site. You required that a revised workplan addressing your comments be submitted by 30 December 1996.

On behalf of C&H Development Co., Constantine Christopoulos, Jeannie B. Christopoulos, Takeo Hirahara and Carle C. Hirahara, parties to the Order as the current property owners of the subject site, I request an extension until 30 January 1997 for submittal of the revised workplan. This extension is requested in recognition of the logistical difficulties in communication between project principals during the holiday season and to allow possible conferences between my clients and other parties to the Order to develop a coherent response to your comments.

Thank you for your understanding. I look forward to your approval of this request.

Sincerely,
TREADWELL & ROLLO, INC.



Michael P. McGuire, P.E.
Senior Engineer

17890119.MPM

cc: Richard C. Jacobs, Esq.- Howard, Rice, et. al.
Jerry Honda- Lamorinda Development

Feldman Waldman & Kline

A PROFESSIONAL CORPORATION

Attorneys at Law

TWENTY-EIGHTH FLOOR
THREE EMBARCADERO CENTER
SAN FRANCISCO, CALIFORNIA 94111-4066TELEPHONE (415) 981-1300
FAX (415) 981-1350BRANCH OFFICE:
STOCKTON, CALIFORNIA

December 23, 1996

BY FACSIMILE AND FIRST CLASS MAIL

Maduhulla Logan, M.S.
Hazardous Materials Specialist
Division of Environmental Protection
Department of Environmental Health
Alameda County Health Agency
1131 Harbor Bay Parkway, Second Floor
Alameda, CA 94502

Re: 3321-3329 Lakeshore Avenue, Oakland, CA

Dear Ms. Logan:

As you know, this law firm represents Ann and Ernest Grcevich, the owners of Sherman Cleaners, Inc. (collectively "Sherman Cleaners"). I am writing to confirm our telephone conversation of earlier today in which you agreed that Sherman Cleaners would have to and including January 10, 1997, in which to submit a revised workplan addressing the issues raised in your letter of December 10, 1996. I appreciate your courtesy and cooperation in that regard.

As I mentioned to you today, my law firm's address changed effective July 1, 1996. My new address is follows:

Feldman, Waldman & Kline
Three Embarcadero Center, Suite 2800
San Francisco, CA 94111

Please feel free to contact me if you have any questions or need any additional information, or if your understanding of the foregoing differs from mine.

Very truly yours,



ROBERT C. GOODMAN

RCG:bln

cc: Bob Chambers, Esq.,
Consumer and Environmental Protection Division,
Alameda County District Attorney's Office
Steven W. Ritcheson, Esq.
Richard Jacobs, Esq.



Encinal Terminals

96 DEC 26 PM 2:07

(510) 523-8800
FAX (510) 521-5814
1521 BUENA VISTA AVENUE
P.O. BOX 2453
ALAMEDA, CA 94501-0251

December 23, 1996

Ms. Madhlla Logan
Hazardous Materials Specialist
Alameda County Health Care Agency
Department of Environmental Health
Hazardous Materials Division
1131 Harbour Bay Parkway
Second Floor
Alameda, CA 94502
Fax: 510 337 9335

Re. The work performed at 2020 Sherman Street, Alameda

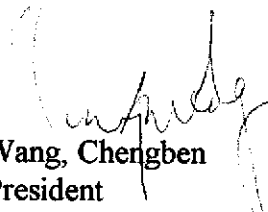
Dear Ms. Logan:

In reference to your letter dated December 17, 1996 regarding the captioned matter, please note of the following:

- We appreciate your above-referenced letter of no further action with regards to the chlorinated solvent issues on the property; and,
- As far as to the lead issue is concerned, we are now negotiating with Windriver System, a software publishing company; and soon, we should decide whether we will proceed with the residential project as we contemplated or we will have Windriver to take over the project to build RD Commercial as they please; and,
- The properties which have lead contamination are owned by Alameda Belt Line Railroad Company in Alameda; and, at this moment, our company has the option rights to purchase the said properties for a set prices. The rights and obligations of the purchases will be further complicated by the transactions with Windriver.
- At the present, we are looking forward to receiving proposals for various site cleaning contractors and trying to define the costs of the lead removal and disposal. Of course, the levels of the cleaning up will be different depending on the uses of the properties involved.

On December 26, 1996, I have to take an extensive trips to overseas and will not be back to the States until January 27, 1997 or February 7, 1997 it depends. However, I can be reached via your phone call, fax message, or letter to my Alameda office. Again, thank you for your cooperation and assistance.

Happy Holidays!



Wang, Chengben
President

Alameda.ACHA.Logon.4

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

December 17, 1996

Mr. Peter Wang
P.O. Box 2453
Alameda, CA - 94501

Ref: Encinal Properties, 2020 Sherman Drive, Alameda, CA

Dear Mr. Wang:

I am in receipt of the document "Revised Environmental Review Planned Development Project", dated September 1996, prepared by Woodward Clyde Consultants for the above referenced project.

Previous investigations conducted by Kaldveer Associates and Geomatrix Consultants in the year 1990 and 1994 respectively, identified chlorinated solvents in both the soil and the groundwater. Subsequently, about 400 cubic yards of soil was excavated by Geomatrix. The confirmation sample results indicated that the solvent contaminated soils has been adequately removed except in areas around sample locations SS-39, SS-40 and SS-41, where additional delineation was required. The stockpiled soils were placed on an asphaltic concrete paved area to treat the solvents through aeration.

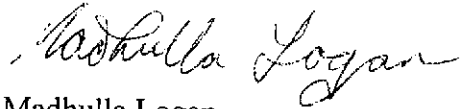
In response to a request by this Department, through a letter dated May 18, 1996, additional soil excavation was performed by Woodward Clyde in areas where residual chlorinated solvents were previously identified. The soils excavated by Geomatrix and Woodward Clyde were sampled in June 1996 and September 1996. The concentrations of chlorinated solvents identified in the samples did not exceed the site specific cleanup levels that were established by Geomatrix in 1995.

Based on the information provided to this Department, the chlorinated solvents on site have been remediated to an acceptable level. Hence no further action with regards to the chlorinated solvents is required. However, the stockpiled soils on site should be sampled for lead, to enable this Department to make any decisions on the re-usability of these soils as a backfill (since the lead contaminated areas overlap with the areas where chlorinated solvents were previously identified).

However, please note that the lead contamination on site is an issue that still needs to be addressed. A work plan addressing the lead contamination, dated August 29, 1996, and an amendment to the workplan, dated September 9, 1996, prepared by Woodward Clyde were approved by this Department in a letter dated September 13, 1996. As of this date, the work proposed in the workplan has not been implemented. The proposed work, including the sampling of the stockpiled soils for lead should be implemented within 30 days from the date of this letter. This is a formal request for technical information as per Health and Safety Code, Section 25187.1 and hence any delays in implementing the required work should be requested in writing.

If you have any questions, you may reach me at (510) 567-6764.

Sincerely,

A handwritten signature in cursive script that reads "Madhulla Logan".

Madhulla Logan
Hazardous Material Specialist

CC: **Sum Arigala**, San Francisco Regional Water Quality Control Board, 2101 Webster St,
Oakland, CA

Marco Lobascio, Woodward-Clyde - 500 12th Street, Suite 100, Oakland, CA 94607

STEINHART & FALCONER LLP

A LIMITED LIABILITY PARTNERSHIP INCLUDING A PROFESSIONAL CORPORATION

ATTORNEYS

333 MARKET STREET, THIRTY-SECOND FLOOR
SAN FRANCISCO, CALIFORNIA 94105-2150
(415) 777-3999

FACSIMILE (415) 442-0856
FACSIMILE (415) 442-0839

December 13, 1996

Madhula Logan, M.S.
Hazardous Materials Specialist
Department of Environmental Health
ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
1131 Harbor Bay Parkway, Second Floor
Alameda, California 94502

Re: 3321-3329 Lakeshore Avenue, Oakland, CA

Dear Ms. Logan:

This letter is to confirm our telephone conversation yesterday regarding your December 10, 1996 letter. You advised me that, although the McIvors remain subject to your agency's directives regarding the above site, you will not require the active participation of the McIvors as long as the required work is performed.

I will contact counsel for the Grceviches and C&H Development and discuss any concerns with the workplan with them. In the meantime, if we can be of further assistance please call us immediately.

Very truly yours,



Steven W. Ritcheson

SWR/mf

100 Pine Street, 10th Floor
 San Francisco, CA 94111
 (415) 434-8400 • FAX (415) 434-



19 November 1996
 Project 1736.14

Post-It™ brand fax transmittal memo 7671		# of pages > 3
To	Mrs. Madhulla Logan	
From	E. NIXON	
Co.	ACHLSA	Co. GEOMATRIX
Dept.		Phone #
Fax #	510-337-9335	Fax #

Ms. Juliet Shin
 Alameda County Health Care Services Agency
 Division of Hazardous Materials
 Department of Environmental Health
 1131 Harbor Bay Parkway
 Alameda, California 94502

Subject: Health Risk Evaluation and Site Management Plan for Northwest Area
 Marina Village
 Alameda, California

Dear Ms. Shin:

This letter is to fulfill requests that you and your colleague Ms. Madhulla Logan have made based on your review of the Health Risk Evaluation and Site Management Plan we submitted to you on the subject site on 24 September 1996. We have organized this letter according to the four requests.

1. *It was requested that we apply a calculation performed in a 1992 risk assessment prepared by Industrial Compliance for the diesel-containing stockpile to diesel concentrations found in subsurface materials in the Northwest Area.*

Our September 1996 Health Risk Evaluation for the Northwest Area evaluated the potential health risks associated with the presence of middle- and high-boiling petroleum hydrocarbons remaining in stockpiled and subsurface soil, respectively. This evaluation was qualitative in nature, relying on the results of other risk evaluations conducted within the Marina Village development (high-boiling petroleum hydrocarbons in shallow soil at 1101 Marina Village Parkway) or in the published literature (middle-boiling petroleum hydrocarbons). Based on this qualitative evaluation, it was concluded that the residual middle- and high-boiling petroleum hydrocarbons in soil should not pose a significant human health risk assuming future commercial development of the site.

Although not used in the Health Risk Evaluation, a human health risk assessment of the middle-boiling petroleum hydrocarbons (i.e., diesel fuel) in the stockpiled soil was completed by Industrial Compliance in 1992 prior to the soil being relocated to the Northwest Area in 1993. As part of this assessment, Industrial Compliance evaluated potential noncarcinogenic health effects associated with dermal contact with total petroleum hydrocarbons (as diesel fuel; TPHd) in the soil. This evaluation was based on a comparison of the estimated exposure (in

Geomatrix Consultants, Inc.
 Engineers, Geologists, and Environmental Scientists



Ms. Juliet Shin
ACHCSA
19 November 1996
Page 2 of 3

milligrams TPHd per kilogram body weight) to exposure levels tested in an animal study using pure diesel fuel. Industrial Compliance concluded that an estimated exposure assuming a TPHd concentration of approximately 700 mg/kg is approximately 160,000 times lower than the lowest exposure level included in the animal study. As shown in Table 1 of the Health Risk Evaluation, the maximum detected concentration of TPHd in subsurface soil was 14,000 mg/kg. Using Industrial Compliance's assumptions, the corresponding exposure would be approximately 8000 times lower than the lowest exposure level included in the animal study. Therefore, we would also conclude that exposure to the residual middle-boiling hydrocarbons in soil at the site should not result in noncarcinogenic health effects that may be associated with dermal exposure to pure diesel fuel.

2. *It was requested that plans for final disposition of the stockpiled soil be made available.*

Plans for site redevelopment are currently conceptual in nature. Therefore, final site grades and cut/fill balance calculations have not been completed. However, the conceptual plan includes demolishing an existing concrete slab that is present in the center of the Northwest Area. Figure 3 in the 24 September 1996 report shows the location and size of this concrete slab. The slab is about 3 feet thick, and there is a void space beneath the slab that is as great as 5 feet thick. Therefore, the volume of available space that will need to be filled once the slab is removed is on the order of 6,000 or more cubic yards, depending on final site grades. It is the intention of Alameda Real Estates Investment (AREI) to use this space to relocate the stockpiled material. If there is left over material after this space has been filled, then remaining material would be used beneath parking lots. AREI estimates that the commercial development that is envisioned will require on the order of 38,000 square feet of parking lot for a 60,000 square-foot building, and that final grades can be adjusted to accommodate placement of fill materials. More detailed engineered plans for site grading would not be developed until project planning is much further along.

3. *It was requested that current zoning status be confirmed.*

AREI was contacted regarding current zoning status. The overall zoning of the entire Marina Village development is mixed use. There is a Master Plan that the City of Alameda has accepted that identifies more specific uses for parcels of property within the development. To make changes to the Master Plan, a development plan amendment, as well as Master Plan amendment, must be approved by the City of Alameda. The Master Plan currently on file with the City of Alameda contains plans for the Northwest Area to be a parking lot to service an office building proposed for an adjacent parcel. AREI intends on submitting an amendment to the City of Alameda to build a 60,000 square-foot office building, with associated parking lots, on the Northwest Area.



Ms. Juliet Shin
ACHCSA
19 November 1996
Page 3 of 3

4. *It was requested that a minimum amount of clean fill material be placed in any landscaped areas as a precautionary measure to prevent incidental contact of landscape workers with petroleum-containing materials during routine maintenance after redevelopment.*

We discussed with AREI the typical scenario of routine maintenance on landscaped areas to assess what would be a reasonable fill cover. AREI indicated that all major planting such as trees or shrubs, installation of the irrigation system, and grading would occur at the time of site development. Potential contact with petroleum-containing soil would be handled as part of the overall health and safety plan implemented during construction activities. Post-development care consists nearly exclusively of surface weeding, irrigation system repairs, lawn mowing, edge trimming and pruning. All of these activities do not involve disturbing site soil; the most intrusive task is occasional repair of irrigation piping, that typically is buried no deeper than about 6 inches below the ground/lawn surface. Repairs typically consist of digging up a very small quantity of surface soil to access the piping. Given this typical scenario of landscape maintenance, it seems reasonable that a covering of 1/2-foot of clean soil over petroleum-containing soil in areas that are landscaped would be a sufficient barrier to incidental contact with landscape workers. It should be noted that the only situation where surface soil could contain petroleum hydrocarbons is if stockpiled soil was redistributed at the site surface and was not covered by parking lots or buildings. Otherwise, the in-place soil that contains petroleum hydrocarbons already is at least several feet below the ground surface.

We hope that these responses to your requests have been sufficient. Please let us know if there is anything else you need to process your case closure summary letter.

Sincerely,

GEOMATRIX CONSULTANTS, INC.

A handwritten signature in cursive script that reads "Elizabeth Nixon".

Elizabeth Nixon, P.E.
Senior Engineer

EN/nht
1736\AREI\REQ.LET

cc: Ms. Madhulla Logan, ACHCSA
Mr. Rahn Verhaeghe, AREI

Chemicals of concerns/concentration - diesel, weathered crude oil, motor oil/waste oil, toluene, and lead in the soil and groundwater on site and in the stockpiled soil. The stockpiled soil was moved excavated from area called building 1301 (when this area was developed) and stockpiled in the north/northwest area.

1. It look like they did not look for PNA's in the soil found on site. *they did analyze for PNAs*

2. Based on the chemicals found, the only pathway they had to look at was exposure to future construction workers coming in contact with the subsurface soils. This aspect was covered in the old risk assessment. The report mentions that the building occupants will not be exposed as the area is covered by asphalt. I spoke to elizabeth Nixon and asked her about landscaped area and how they plan to distribute the stockpiled soil. She said probabky about 2 to 3 feet below the surface. I think it is very important that we mention the following

- In the landscaped areas, there should be atleast 3 feet of clean fill (to protect gardeners, occupants etc) on the surface. →
- A final map should be submitted showing the areas where the stockpiled soil was distributed or is going to be distributed. This map should be part of our files. I had this done for one of my previous cases. They call it a "as built plan"
- Do you think it would be a good idea to make this map part of the deed so the future owner/new owners will know the location of the contaminated soil? *B*
- We need to know if this area is zoned for residential because the risk assessment is done for a commercial development. If it si zoned for residential, I guess we need to make it clear in the closure letter that the acceptance based on a commercial scenario only and the site will have to be re-evaluated if the use changes.

Re-evaluate
Reasons for accepting the risk assessment

1. Even though they have high concentrations of diesel, etc, there is no exposure to public health for a commercial scenario

2. Leaching to groundwater may be a concern, but the groundwater data shows that nothing much has leached so far and also it looks like whatever is remaining are high boiling petroluem hydrocarbons.

3. As long as they distribute the stockpiled soil in such a way that it is not too close to the surface or too close to the groundwater, they are fine.

Petroleum Cleanup Standards May Be Eased

*A California agency's recommendations may influence
LUST remediation nationwide.*

By Stephen L. Marsh

The California State Water Resources Control Board (SWRCB) recently announced a significant policy shift regarding how cleanup of petroleum pollution from leaking underground storage tanks (LUSTs) will be handled in California's future, which may indicate a nationwide move toward cost-effectiveness in environmental remediation.

The event that triggered the policy shift was a recent report issued by Lawrence Livermore National Laboratories (LLNL) titled "Recommendations to Improve the Cleanup Process for California's Leaking Underground Fuel Tanks." The LLNL report concluded that "fuel hydrocarbons have limited impacts on human health, the environment or California's groundwater resources." The conclusion was partially based on findings that only 136 sites of 28,051 LUST cases studied—less than ½ of 1 percent—affected drinking-water wells.

Following its 18-month review of California's regulatory framework and cleanup processes, LLNL issued five specific recommendations:

- Use passive bioremediation as a remediation alternative whenever possible;
- Immediately modify the American Society for Testing and Materials (ASTM) Risk Based Corrective Action (RBCA) framework based on California's historical LUST case data;

- Apply a modified ASTM RBCA framework as soon as possible to LUST cases where fuel hydrocarbons (FHCs) have affected soil but not groundwater;
- Modify the LUST regulatory framework to allow the consideration of risk-based cleanup goals higher than maximum contaminant levels (MCLs); and
- Identify a series of LUST demonstration sites and form a pilot LUST closure committee.

The LLNL report was submitted to the SWRCB as well as the Leaking Underground Fuel Tank Advisory Committee created by California Senate Bill 1764. The Legislature ordered the advisory committee to conduct a comprehensive review of California's LUST program.

The California Response

In response to the LLNL report, California SWRCB executive director Walt Petit issued an "Interim Guidance to all Regional Water Quality Control Boards (RWQCB) and Local Oversight Programs (LOP)." The guidance contains two specific recommendations: local agencies should proceed aggressively to close low-risk soil-only cases; and for cases affecting low-risk groundwater, active remediation should be replaced with monitoring to determine if the fuel leak plume is stable.

The guidance describes cases involving shallow groundwater within 50 feet of

the surface with a leak more than 250 feet from the nearest drinking water well, as an example of "low risk" groundwater.

This latest pronouncement is a guidance only. It does not change any laws or regulations establishing specific cleanup levels, and is not inconsistent with existing law.

Reaction to the guidance from local agencies and other state regulators has varied widely. Some, such as the North Coast Regional Water Quality Control Board and the Sonoma County Department of Health Services, have endorsed the guidance and sent notices to all potentially responsible parties subject to their jurisdiction.

Others are more skeptical. Yet, the majority of agencies seem to be methodically analyzing the guidance and how it might affect water quality in their regions and throughout the state.

EPA Response

In February, the Environmental Protection Agency issued a fact sheet titled "U.S. EPA Position on LLNL's Report and Recommendations on California's Leaking Underground Storage Tank Program." The EPA supported LLNL's recommended use of RBCA and natural attenuation by saying, "Streamlined corrective action is a national and regional priority for the EPA. There are far greater numbers of LUST sites to clean up than there are resources available."

In fact, the EPA has endorsed the prin-

cipals of risk-based corrective action as evidenced by its adoption of the Risk Assessment Guidance for Superfund (RAGS), which was adopted under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). However, the EPA did point out some of the limitations of the LLNL Report. For example, LLNL did not analyze the effect of methyl-tert-butyl-ether (MTBE) or polycyclic aromatic hydrocarbons (PAHs), and included only a limited review of various exposure pathways and geologic conditions. The EPA also noted that passive bioremediation or natural attenuation should not be interpreted as "doing nothing."

Other State's Programs

The LLNL Report is being discussed throughout the country, but RBCA and natural attenuation are not new. In fact, at least two states, New Jersey and North Carolina, already have explicit written policies embracing natural attenuation as a cleanup alternative. A significant number of states, such as Texas, Georgia and Massachusetts, have adopted some form of RBCA and more states are currently considering it. No state has a formal ban on these approaches, which should always be considered when selecting remedial alternatives.

Achieving a cost-effective remediation plan based on risk, involves not only technical but legal and public relations expertise. Often the language used to present a RBCA proposal to use natural attenuation can make the difference in convincing a local regulator that the plan complies with state and local statutes, regulations and guidelines.

The extent to which these policies may be applied to non-tank cases is unknown. Although specifically geared to petroleum contamination, the approach's logic applies equally well to contamination from solvents and other chemicals.

Recommended Individual Response

The relaxation of cleanup standards raises an interesting dilemma for property owners. While leaving contamination at elevated levels for many years may be acceptable to regulatory agencies, the reactions of lending institutions and prospective purchasers may not be as favorable.

The advantages or disadvantages of implementation of policies such as RBCA or natural attenuation will depend on several factors, including whether the individ-

ual responsible party is an owner, tenant, neighbor, or falls within some other category of responsible party; what the prospective uses of the property will be; or whether it will be sold or used as collateral for a future loan.

How local agencies implement these policies may be directly affected by the extent of responsible parties' active involvement. The best approach includes direct discussions between regulators and the parties responsible for the cleanups. Where appropriate, regulatory decisions should be challenged up the regulatory

chain of command to achieve an individual responsible party's objectives.

Due to the wide variety of interpretations that various local regulatory agencies will use in implementing the guidelines, it is important that a qualified legal professional be consulted. **EP**

Steve Marsh is a partner with the environmental practice group of Luce, Forward, Hamilton & Scripps in San Diego, Calif.

For more information, circle 164 on card.

authentic: (ô then' tik)
adj. that can be believed
or accepted; trustworthy;
reliable. SYN. genuine,
bona fide, veritable, in other
words, **Sanborn Maps.**

When it comes to fire insurance maps,
EDR Sanborn wrote the book...

When environmental professionals think fire insurance maps, they think Sanborn. That's because we have the largest and most complete collection of fire insurance maps in existence (including 1,245 years of exclusive coverage). Since 1866 we have mapped over 12,000 communities nationwide—no wonder so many professionals routinely use Sanborns as part of their environmental due diligence!

EDR Sanborn's experienced researchers follow five quality control steps to ensure a complete and accurate search of Sanborn's original, complete collection. Look for our *red seal of authenticity* on your next order.

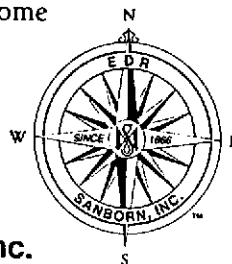
...And we haven't put down our pens yet.

Although our main business is historical data, our surveyors continuously update our collection and draft new maps. At EDR Sanborn, we know that today's maps will become tomorrow's historical resource.

Special Savings

Call EDR today to learn how you can get a free Sanborn map search. We look forward to working with you.

1-800-352-0050
EDR Sanborn, Inc.



ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

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

September 13, 1996

Mr. Peter Wang
P.O Box 2453
Alameda, CA - 94501

Ref: Encinal Properties, 2020 Sherman Drive, Alameda, CA

Dear Mr. Wang:

I am in receipt of the lead excavation workplan, dated August 29, 1996 prepared by Woodward Clyde for the above referenced property and the letter, dated September 9, 1996 which confirms this Department's request for California WET test analysis to be performed on the final confirmation soil samples.

The workplan has been reviewed and it is acceptable to this Department. If you have any questions, you can reach me at (510) 567-6764.

Sincerely,

Madhulla Logan,
Hazardous Material Specialist

C: Al Ridley, 500 12th Street, Suite 100, Oakland, CA - 94607-4014

September 9, 1996
961163NA

Ms. Madhulla Logan
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Second Floor
Alameda, CA 94502

Subject: Confirmation of Approval of Workplan for Excavation of Soil with Lead, Alameda Beltline Site, Alameda, CA

Dear Ms. Logan::

This letter confirms your approval of the subject workplan, dated August 29, 1996, as discussed at a meeting at our office on September 5, 1996. As you have requested we will modify the laboratory confirmation tests to include a California WET test for lead using de-ionized water to provide information about the potential solubility of lead in the soil that remains at the bottom of the excavation. This test will be performed on a sample of soil at the bottom of each excavation when the limit of the excavation has established and the confirmation analyses for total lead show that the cleanup goal has been reached.

We understand that you will provide written approval of our plan with this modification as soon as you return to your office. Excavation is planned to begin on the morning of September 11th. Please call if you have any questions.

Sincerely,



Albert P. Ridley, CEG
Project Manager

APR:apr

cc: Peter Wang

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
80 Swan Way, Rm. 210
Oakland, CA 94621
(510) 271-4300

August 26, 1996

Peter Wang
P.O. Box 2453
Alameda, CA - 94501

Ref: Encinal Properties, 2020 Sherman Drive, Alameda, CA

Dear Mr. Wang:

I am in receipt of the documents "Workplan for Soil Excavation and Backfilling", dated August 13, 1996 and "Results of Fate and Transport Modeling", dated August 21, 1996, prepared by Woodward-Clyde for the above referenced site.

Phase I and Phase II Assessments were conducted by MSE Environmental which did not identify the presence of any petroleum hydrocarbons in the soil and groundwater. However, a soil and groundwater investigations conducted by Kaldveer Associates in the year 1990 which included the installations of shallow wells, MW-1 through MW-8, revealed the presence of chlorinated solvents in the soil and groundwater. In 1994, Geomatrix installed four piezometers (P1 thru P4) and collected 21 grab groundwater samples for the referenced property. Based on the laboratory results, a localized source of 1,1 DCA and other solvents was identified. A monitoring well, MW-10 was installed in March 1995 by Geomatrix as a trigger point to detect any migration of chlorinated solvents in the groundwater toward the bay.

Based on the current monitoring data submitted to this Department in April 1996, no solvents have been identified in monitoring well, MW-10. Furthermore, in response to request made by this Department, a fate and transport modeling was done to evaluate the potential for chemical migration in shallow groundwater from the site towards the bay. The modeling results indicate that there is no likelihood for significant concentrations of chlorinated solvents to migrate towards the bay.

This Department accepts the results of the fate and transport modeling for chlorinated solvents, and approves the workplan for soil excavation. To move the site towards closure with regards to chlorinated solvents, the extent of chlorinated solvents in soil should be completely defined, contaminated soils should be remediated/excavated to the cleanup levels established through the risk assessment done by Geomatrix and any excavated soil should be either disposed or appropriately remediated.

If you have any questions, you may reach me at (510) 567-6764.

Sincerely,

A handwritten signature in cursive script that reads "Madhulla Logan".

Madhulla Logan
Hazardous Material Specialist

CC: **Sum Arigala**, San Francisco Regional Water Quality Control Board, 2101 Webster St,
Oakland, CA

Marco Lobascio, Woodward-Clyde - 500 12th Street, Suite 100, Oakland, CA 94607

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6777

My 18, 1996

Mr. Peter Wang,
P.O. Box 2453
Alameda, CA - 94501

Ref: Encinal Properties, 2020 Sherman Drive, Alameda, CA

Dear Mr. Wang:

This letter is being sent as a follow-up to the meeting held today to discuss the additional investigations required by this Department to move the site towards closure. Given below is the list of requirements:

- The stockpiled soil on site should be sampled and handled as needed.
- Additional soil excavation should be conducted around sample locations SS-39, SS-40 and SS-41, where up to 1700 ppb of 1,1 DCA was identified during the previous phase of investigation.
- A fate and transport analysis should be conducted to determine the extent of potential migration of the solvents in the groundwater towards the bay.
- Monitoring well, MW-10 should be sampled for 2 additional quarters.

Please submit a work plan to address the above listed issues within 30 days of receiving this letter. Please be advised that this is a formal request for technical reports pursuant to California Water Code Section 13267 (b). If you have any questions, you may reach me at (510) 567-6764.

Sincerely,

Madhulla Logan
Hazardous Material Specialist

CC: Sum Arigala, San Francisco Regional Water Quality Control Board, 2101 Webster St,
Oakland, CA

MAY 10, 1996

TO: WANG CHENGBEN

FROM: R. SOMMER

RE: SOILS EXCAVATION, UNIT "E"

IN 1995, THERE WERE THREE SEPERATE EXCAVATIONS AT THE SOUTH-EAST CORNER OF UNIT "E" TO REMOVE CONTAMINATED SOILS. ALL THREE WERE PERFORMED IN THE SAME AREA. EACH SUBSEQUENT DIG EXPANDED THE AREA BOTH IN DEPTH AS WELL AS LENGTH/WIDTH.

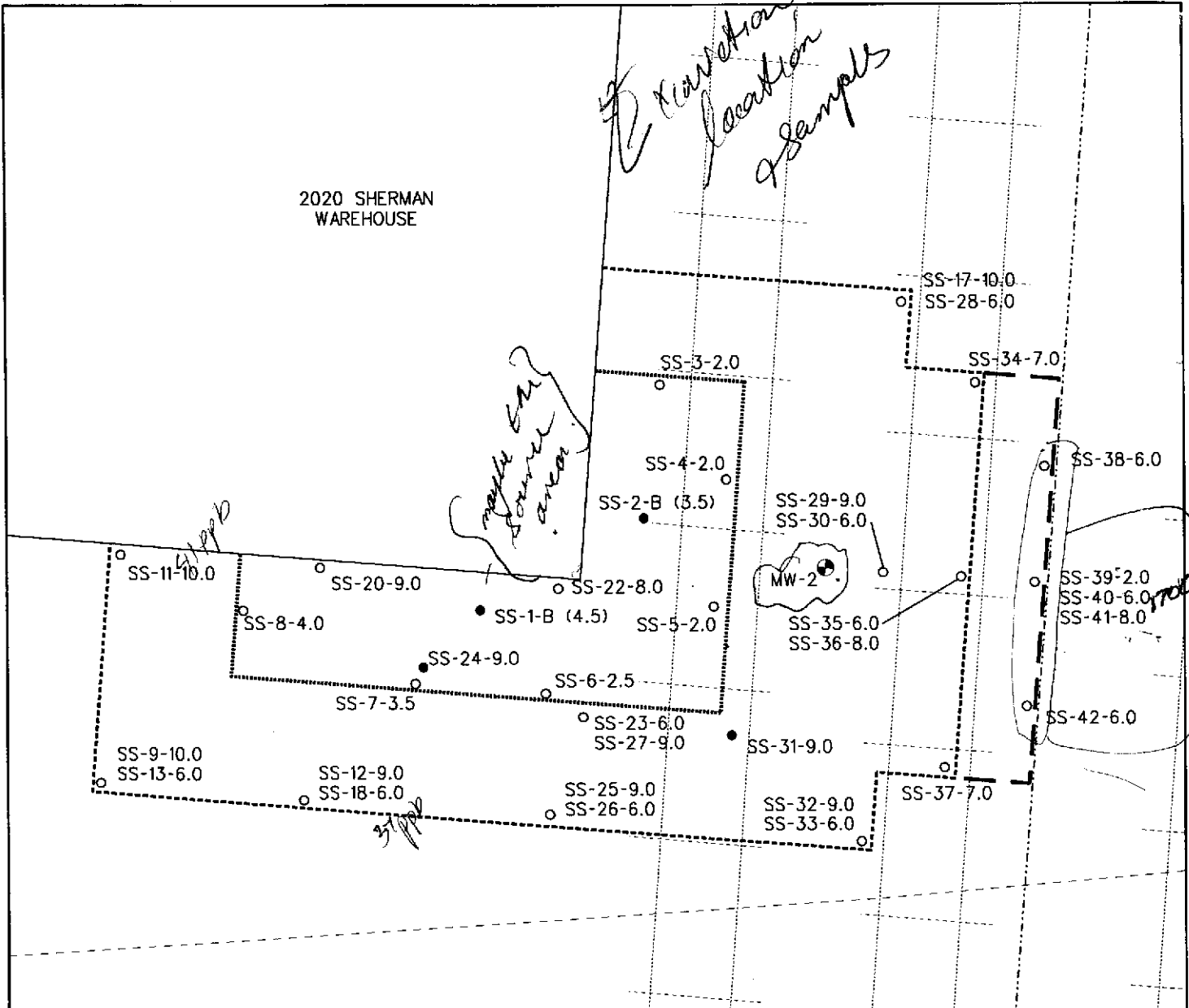
THE FIRST EXCAVATION OCCURED ON FRIDAY, SEPTEMBER 8, 1995. THE WORK WAS PERFORMED BY CABALERO TRUCKING AND EXCAVATING COMPANY IN THE AREA OUTLINED BY GEOMATRIX CONSULTANTS. GEOMATRIX WAS ON HAND TO INDICATE THE AREA WHICH THEY INTENDED TO PULL SAMPLES FROM AND THEY WERE ALSO MONITORING THE DEPTH OF THE EXCAVATION TO COINCIDE WITH THE WATER TABLE. THIS WAS A FAIRLY SHALLOW EXCAVATION AS WATER WAS FLOWING ONLY A FEW FEET DOWN. GEOMATRIX DECIDED THAT THIS WAS THE WATER TABLE.

ALL THE CONTAMINATED SOIL WAS TRUCKED AROUND TO THE WEST SIDE OF UNIT "E" BY CABALERO AND DEPOSITED ON A POLY LINER ON TOP OF THE ASPHALT ALONGSIDE THE SHED. UNCONTAMINATED SOIL WHICH WAS ORIGINALLY FROM THE CONTAINER CARE SITE WAS USED TO FILL THE HOLE. THIS SOIL WAS ALSO STORED ALONGSIDE UNIT "E" ON THE EAST SIDE.

ON OCTOBER 23/24, 1995, THE SECOND EXCAVATION TOOK PLACE IN THE SAME AREA. WORK WAS PERFORMED AGAIN BY CABALERO WITH GEOMATRIX INDICATING THE AREA AND MONITORING THE LENGTH/WIDTH AND DEPTH FOR THEIR SAMPLES. THIS WAS CONSIDERABLY DEEPER AS WELL AS BROADER IN SCOPE. AGAIN, ALL SOILS EXCAVATED ON THESE TWO DAYS WAS TRUCKED AROUND TO THE WEST SIDE OF UNIT "E" AND DEPOSITED ON POLY LINERS ON TOP OF THE ASPHALT ALONGSIDE THE SHED. AFTER TWO DAYS IT WAS DECIDED BY PETER WANG AND GEOMATRIX TO EXPAND FURTHER INORDER TO TOTALLY REMOVE ALL THE POSSIBLE CONTAMINATED SOIL IN THE GROUND PORTION CONTROLLED BY MR. WANG. AS ALL PARTIES HAD PRIVIOUS COMMITMENTS FOR THE WEEK, WORK WAS RESCHEDULED FOR THE WEEKEND.

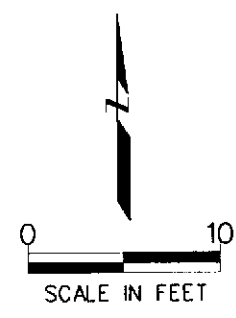
ON OCTOBER 28/29, 1995 WORK RESUMED. SAME PLAYERS WITH THEIR RESPECTIVE ROLES. THE EXCAVATION WENT BEYOND THE ORIGINAL AREA IN QUESTION, RIGHT UP TO AND INTO MARGINALLY, THE ALAMEDA BELT LINE PROPERTY. GEOMATRIX DECIDED AS A RESULT OF THE SAMPLES PULLED AND TESTED BY THE ON-SITE LAB, THAT THE PROBLEM IN THIS AREA HAD BEEN REMOVED FROM MR. WANG'S PROPERTY. AGAIN, ALL THE MATERIALS WERE TRUCKED AROUND TO THE WEST SIDE OF UNIT "E" AND DEPOSITED ON TOP OF A POLY LINER ON TOP OF THE ASPHALT ALONGSIDE THE SHED. THE HOLE WAS REFILLED WITH SOIL WHICH WAS ORIGINALLY FROM THE CONTAINER CARE SITE.

AT A LATER TIME, WHICH I DO NOT HAVE IN MY NOTES, WE WERE INFORMED BY TOM GRAFF OF GEOMATRIX THAT THE PILES OF SOILS WHICH WERE REMOVED REQUIRED COVERING. CLYDE PERINNE WAS CONTRACTED TO COVER THE SOIL WITH POLY. THIS WOULD BE ON FILE WITH HIS BILL.



EXPLANATION

- APPROXIMATE PROPERTY LINE
- PHASE I EXCAVATION 8 SEPTEMBER 1995
- PHASE II EXCAVATION 23 AND 24 OCTOBER 1995
- PHASE III EXCAVATION 29 OCTOBER 1995
- MW-2 ◉ FORMER MONITORING WELL
- SS-9-10.0 ◉ SOIL SAMPLE FROM SIDEWALL OF EXCAVATION AT DEPTH OF 10.0 FEET
- SS-31-9.0 ● SOIL SAMPLE FROM BOTTOM OF EXCAVATION AT DEPTH OF 9.0 FEET



EXTENT OF EXCAVATION AND SAMPLE LOCATIONS
ENCINAL REAL ESTATE - 2020 SHERMAN AVENUE
ALAMEDA, CALIFORNIA

Figure
1
Project No.
2530.02

TABLE 1

ANALYTICAL RESULTS OF
VOLATILE ORGANICS IN SOIL SAMPLES¹
Encinal Terminals
Alameda, California

Concentrations in micrograms per kilogram $\mu\text{g}/\text{kg}$

Sample Name	Date Collected	Sample Depth feet (bgs) ²	Vinyl Chloride	1,1-DCE ³	trans-1,2-DCE ³	1,1-DCA ³	cis-1,2-DCE ³	1,1,1-TCA ³	1,2-DCA ³	TCE ³	PCE ³
SS-1-B	09/08/95	5.0	<10,000	<3000	<3000	11,000	<3000	<3000	<3000	<3000	<3000
SS-2-B	09/08/95	3.0	<1000	<300	<300	4200	<300	<300	<300	<300	<300
SS-3-2.0	09/08/95	2.0	<40	<10	<10	1300	<10	<10	<10	<10	<10
SS-4-2.0	09/08/95	2.0	<20	<5	<5	780	<5	<5	<5	<5	<5
SS-5-2.0	09/08/95	2.0	<200	<50	<50	3300	<50	<50	<50	<50	<50
SS-6-2.5	09/08/95	2.5	<50	<10	<10	1500	<10	<10	<10	<10	<10
SS-7-3.5	09/08/95	3.5	<500	<100	<100	10,000	<100	<100	<100	<100	<100
SS-8-4.0	09/08/95	4.0	<500	<100	<100	7000	<100	<100	<100	<100	<100
SS-9-10.0	10/23/95	10.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
SS-11-10.0	10/23/95	10.0	<2.5	<2.5	<2.5	41	<2.5	<2.5	<2.5	<2.5	<2.5
SS-12-9.0	10/23/95	9.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
SS-13-6.0	10/23/95	6.0	<2.5	<2.5	<2.5	5.6	<2.5	<2.5	<2.5	<2.5	<2.5
SS-17-10.0	10/23/95	10.0	<2.5	<2.5	<2.5	5.5	<2.5	<2.5	<2.5	<2.5	<2.5
SS-18-6.0	10/23/95	6.0	<2.5	<2.5	<2.5	37	<2.5	<2.5	<2.5	<2.5	<2.5

PPb

TABLE 1

**ANALYTICAL RESULTS OF
VOLATILE ORGANICS IN SOIL SAMPLES¹**
Encinal Terminals
Alameda, California

Concentrations in micrograms per kilogram $\mu\text{g}/\text{kg}$

Sample Name	Date Collected	Sample Depth feet (bgs) ²	Vinyl Chloride	1,1-DCE ³	trans-1,2-DCE ³	1,1-DCA ³	cis-1,2-DCE ³	1,1,1-TCA ³	1,2-DCA ³	TCE ³	PCE ³
SS-20-9.0	10/24/95	9.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
SS-22-8.0	10/24/95	8.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
SS-23-6.0	10/24/95	6.0	<2.5	<2.5	<2.5	170	<2.5	<2.5	<2.5	<2.5	<2.5
SS-24-9.0	10/24/95	9.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
SS-25-9.0	10/24/95	9.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
SS-26-6.0	10/24/95	6.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
SS-27-9.0	10/24/95	9.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
SS-28-6.0	10/24/95	6.0	<2.5	<2.5	<2.5	70	<2.5	<2.5	<2.5	<2.5	<2.5
SS-29-9.0	10/24/95	9.0	<2.5	<2.5	<2.5	54	<2.5	<2.5	<2.5	<2.5	<2.5
SS-30-6.0	10/24/95	6.0	5.03	6.6	<2.5	4300/ 4700 ⁵	<2.5	<2.5	<2.5	<2.5	<2.5
SS-31-9.0	10/24/95	9.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
SS-32-9.0	10/24/95	9.0	<2.5	<2.5	<2.5	6.5	<2.5	<2.5	<2.5	<2.5	<2.5
SS-33-6.0	10/24/95	6.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
SS-34-7.0	10/24/95	7.0	<2.5	<2.5	<2.5	290	<2.5	<2.5	<2.5	<2.5	<2.5

TABLE 1

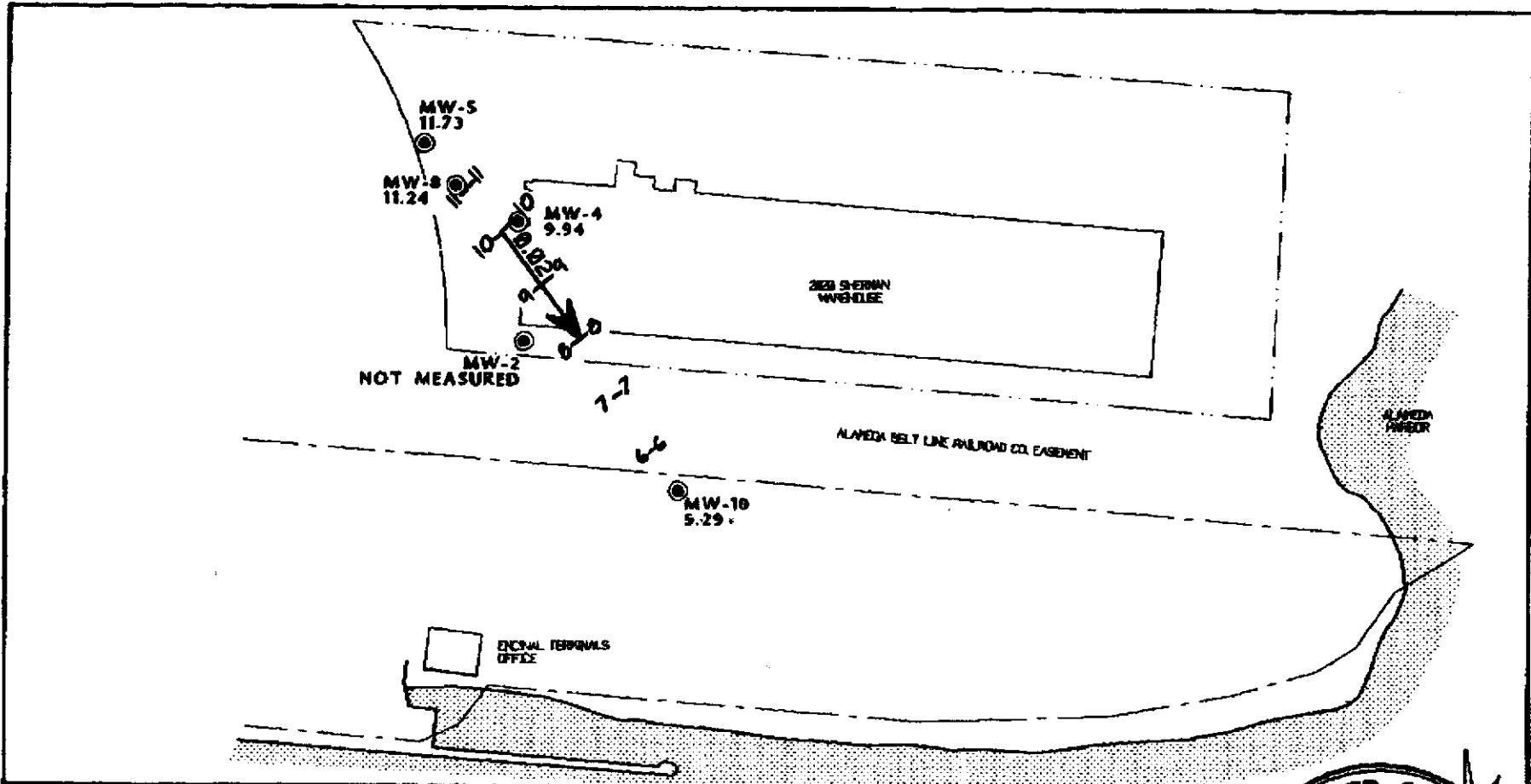
ANALYTICAL RESULTS OF
VOLATILE ORGANICS IN SOIL SAMPLES¹
Encinal Terminals
Alameda, California

Concentrations in micrograms per kilogram $\mu\text{g}/\text{kg}$

Sample Name	Date Collected	Sample Depth feet (bgs) ²	Vinyl Chloride	1,1-DCE ³	trans-1,2-DCE ³	1,1-DCA ³	cis-1,2-DCE ³	1,1,1-TCA ³	1,2-DCA ³	TCE ³	PCE ³
SS-35-6.0	10/24/95	6.0	<2.5	<2.5	<2.5	3100	<2.5	<2.5	<2.5	<2.5	<2.5
SS-36-8.0	10/24/95	8.0	<2.5	<2.5	<2.5	1300	<2.5	<2.5	<2.5	<2.5	<2.5
SS-37-7.0	10/24/95	7.0	<2.5	<2.5	<2.5	230	<2.5	<2.5	<2.5	<2.5	<2.5
SS-38-6.0	10/29/95	6.0	<2.5	<2.5	<2.5	170	<2.5	<2.5	<2.5	<2.5	<2.5
SS-39-2.0	10/29/95	2.0	<2.5	<2.5	<2.5	56	<2.5	<2.5	<2.5	<2.5	<2.5
SS-40-6.0	10/29/95	6.0	<2.5	<2.5	<2.5	1700 ⁴	<2.5	<2.5	<2.5	<2.5	<2.5
SS-41-9.0	10/29/95	9.0	<2.5	<2.5	<2.5	1000 ⁴	<2.5	<2.5	<2.5	<2.5	<2.5
SS-42-6.0	10/29/95	6.0	<2.5	<2.5	<2.5	420 ⁴	<2.5	<2.5	<2.5	<2.5	<2.5

Notes:

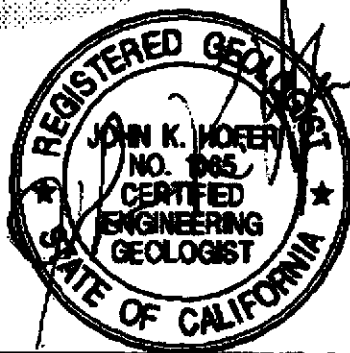
- ¹ Chemical analyses performed by ONSITE Laboratories, Inc. of Fremont, California or American Environmental Network of Pleasant Hill, California. Laboratory analytical reports detailing the analyses performed, method detection limits for each constituent, and analytical results are included in Appendix A.
- ² bgs = below ground surface
- ³ Abbreviations used: DCE - dichloroethene; DCA - dichloroethane; TCA - trichloroethane; TCE - trichloroethene; and PCE - tetrachloroethene.
- ⁴ Detection limit for 1,1-DCA in these samples is 125 $\mu\text{g}/\text{kg}$ due to the 50-fold dilution.
- ⁵ This sample was run in duplicate.



EXPLANATION

- MW-10 ● GROUND-WATER MONITORING WELL
- 5.29 GROUND-WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- 7 GROUND-WATER ELEVATION CONTOUR IN FEET ABOVE MEAN SEA LEVEL
- 10.02 → APPROXIMATE DIRECTION OF GROUND-WATER FLOW

ALASKA BASIN



NOTES:

TITLE : GROUND-WATER ELEVATION CONTOUR MAP -
DECEMBER 18, 1995

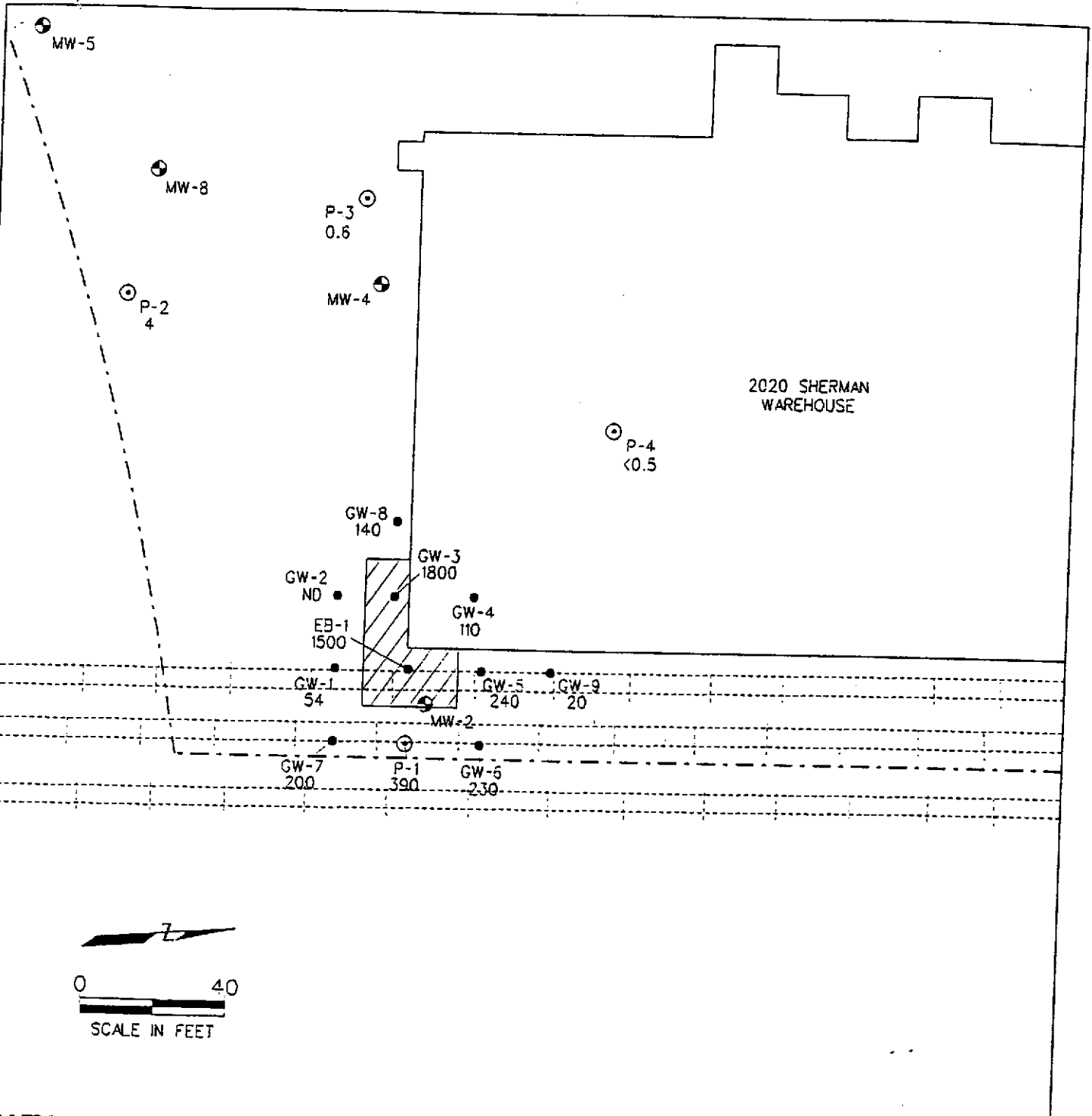
LOCATION : ENCINAL TERMINALS
2020 SHERMAN AVENUE, ALAMEDA, CALIFORNIA

SOURCE : KISTER SAVID AND REJ INC. PROPERT (APRIL 1994)



GEOCONSULTANTS, INC
SAN JOSE, CALIFORNIA
Project No. 8750-09
DRWG NO: W121895 REV:

- ① Sample the stockpile & dispose
- ② Additional excavation around SS-392.
Because 1700ppb solvents were seen
This means excavating beyond the
- ③ ~~Get~~ properly line ground to the
Railroad property. However.
- ③ Fate & Transport analysis of
contaminant moving to Bell.



EXPLANATION

- APPROXIMATE PROPERTY LINE
- PROPOSED AREA OF EXCAVATION
- MW-4 MONITORING WELLS
- P-2 TEMPORARY PIEZOMETER LOCATIONS (INSTALLED AND DESTROYED IN JANUARY 1994) AND 1,1-DCA CONCENTRATION IN PARTS PER BILLION
- GW-5 APRIL 1994 GROUNDWATER GRAB SAMPLE LOCATION AND 1,1-DCA CONCENTRATION IN PARTS PER BILLION



PROPOSED EXCAVATION PLAN
 ENCINAL REAL ESTATE - 2020 SHERMAN AVENUE
 ALAMEDA, CALIFORNIA

Figure
 2
 Project No.
 2530.02

Encl_02.dgn; Rev: 05/23/95



Encinal Terminals

(510) 523-8800
FAX (510) 521-5814
1521 BUENA VISTA AVENUE
P.O. BOX 2453
ALAMEDA, CA 94501-0251

January 12, 1996

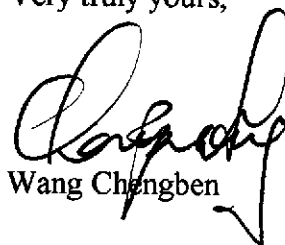
Ms. Madhulla Logan
Alameda County Health Care Services Agency
Department of Environmental Health
Hazardous Materials Division
1131 Harbour Bay Parkway
Second Floor
Alameda, CA 94502-6577
Tel: 510 567 6777

Re. The work performed at 2020 Sherman Street, Alameda

Dear Ms. Logan:

Thank you for your letter dated January 8, 1996. In reference to the captioned matter, please find the enclosed copy of my letter to you dated January 8, 1996 for your file. Trust that you may have already received the said letter and its enclosed reports issued by Blaine Tech Services, Inc. dated October 1995 and January, 1996. At the meantime, we are requesting Geomatrix Consultants to write you the reports to answer the issues raised by you in the said letter. If there is any questions you may be concerned regarding to the captioned matter, please do let us know. Again, thank you very much for your assistance and cooperation.

Very truly yours,



Wang Chengben

Encl: The above-referenced documents

Alameda.Logan/wcb

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6777

January 8, 1996

Mr. Peter Wang
P.O. Box 2453
Alameda, California - 94501

Ref: 2020 Sherman Drive, Alameda, California

Dear Mr. Wang:

This Department has reviewed the document dated, August 1995, prepared by Geomatrix Consultants for the above referenced property. The risk assessment conducted for 1,1 DCA (1,1-Dichloro ethane) present in the groundwater is acceptable to this Department. However, to evaluate the site for closure, the following information will be required by this Department:

1. The soil excavation activities conducted by Encinal to address the residual volatile hydrocarbons present in the soil should be documented and submitted to this Department. Also, this report should include the status of excavated soils from the referenced property.
2. During our phone conversation on January 8, 1996, I was informed by you that two quarters of groundwater monitoring has been conducted by Blymer Engineers for monitoring well MW-10. Please submit the pertinent information documenting this activity.

The above listed concerns should be addressed within 30 days of receiving this letter. If you have any questions, you can reach me at (510) 567-6764.

Sincerely,

Madhulla Logan
Hazardous Material Specialist

CC: Sum Arigala, San Francisco Regional Water Quality Control Board, 2101 Webster St, Oakland, CA
Tom Graff/Cheri Page, Geomatrix Consultants, 100 Pine Street, 10th Floor, San Francisco, CA - 94111



Encinal Terminals

(510) 523-8800
FAX (510) 521-5814
1521 BUENA VISTA AVENUE
P.O. BOX 2453
ALAMEDA, CA 94501-0251

January 8, 1996

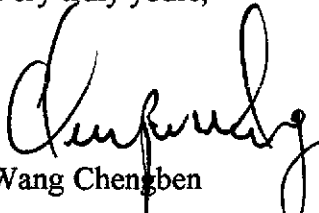
Ms. Madhlla Logan
Alameda County Health Care Agency
Department of Environmental Health
Hazardous Materials Division
1131 Harbour Bay Parkway
Second Floor
Alameda, CA 94502

Re. The work performed at 2020 Sherman Street, Alameda

Dear Ms. Logan:

In reference to the captioned matter, please find the enclosed reports from Blaine Tech Services, Inc. for both October 1995 and January, 1996 for your information and review. We are anxious to meet you for the discussion. If there is any questions you may be concerned regarding to the captioned matter, please do let us know. Thank you very much for your assistance and cooperation.

Very truly yours,



Wang Chengben

Encl: The above-referenced documents

Alameda.Logan/wcb

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

ALAMEDA COUNTY HEALTH CARE SERVICES
DEPARTMENT OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL PROTECTION DIVISION
1131 HARBOR BAY PKWY STE 250
ALAMEDA CA 94502-6577 cc: 453

January 06, 1995

ATTN: Mr Peter Wang

Encinal Real Estate
P O Box 2453
Alameda CA 94501

RE: Project # 2380A - M
at 2020 Sherman St in Alameda 94501

Dear Property Owner/Designee:

Our records indicate the deposit/refund account for the above project has fallen below the minimum deposit amount. To replenish the account, please submit an additional deposit of \$1,500.00, payable to Alameda County.

Please write your project number and site address on your check.

We must receive this deposit before we perform any further work on this project. At the completion of this project, any unused monies will be refunded to you or your designee.

If you have any questions, please contact Madhulla Logan at (510) 567-6700.

Sincerely,

Edgar B Howell III, Chief
Hazardous Materials Division

c: files/inspector

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

January 5, 1995

Tom Graff
Geomatrix Consultants, Inc.
100 Pine Street, 10th floor
San Francisco, CA -94111

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

Ref: Encinal- 2020 Sherman Street, Alameda, CA

Dear Mr. Graff:

I am in receipt of your document "Proposed Approach for Monitoring Conditions" dated December 8, 1994 for the referenced property. Your proposed plan for groundwater monitoring has been reviewed by this Department in consultation with the San Francisco Regional Water Quality Control Board, and the plan is acceptable with the following conditions:

1. For the first year, monitoring wells MW-10 and MW-11 should be sampled every consecutive quarter. After a period of 1 year, the plan will be re-evaluated in conjunction with the RWQCB.

The risk of 1,1 DCA to future on-site residents has been calculated using the farmers model and box model to predict chemical intake as a result of inhalation of outdoor vapors. The following concerns have been identified in the risk assessment:

1. The assessment did not take into account the risk to on-site residents due to inhalation of enclosed space vapors. This can be a significant pathway and hence needs to be addressed.
2. Also, 1,1 Dichloroethylene (1,1 DCE), has not been included in the risk assesement though based on its toxicity values and low PRG (preliminary remediation goals) levels it could qualify as a chemical of concern.

Hence, provide this Department with a revised risk assessment or an adequate explanation as to why the above mentioned factors have been ignored in your risk evaluation. If you have any questions, call me at (510) 567-6764.

Sincerely,

Madhulla Logan
Hazardous Material Specialist

CC:Sum Arigala, S.F Regional Water Quality Control Board



Transmittal

Date 13 May 1994
To Madhulla Logan
Alameda County Health Care Services Agency
80 Swan Way, Room 200
Oakland, California 94621

Transmitted via
 Messenger
 U.S. Mail
 Overnight Mail
 Fax

Project Number 2530
Project Name Encinal

Total Pages _____

Item	Description
1	Phase I Environmental Survey - MSE Environmental
2	Phase II Environmental Survey - MSE Environmental
3	Kaldveer Associates (portions of draft report are all that is available)
4	List of Documents - Encinal Terminals

Remarks
Here are the documents you requested at our 5 May 1994 meeting at the RWQCB.

From: Cheri Page *Cheri Page*
cc:



Encinal Terminals

(510) 523-8800
FAX (510) 521-5814
1521 BUENA VISTA AVENUE
P.O. BOX 2453
ALAMEDA, CA 94501-0251

November 18, 1993

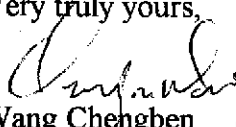
Alameda County Health Care Service Agency
80 Swanway
Oakland, CA 94621

Re. Trust account on the evaluation of, 2020 Sherman Street, Alameda
Alameda Marina Landing Project

Dear Sirs:

Please find the enclosed check in the amount of \$1,125.00 for the payment of the captioned matter. Thank you very much for your cooperation and assistance.

Very truly yours,


Wang Chengben
for Encinal Real Estate, Inc.

cc: Mr. Tom Graf, P.E. Geomatrix Consultants

achcsa/wcb

*Disposal of
material
per on bill*

93 NOV 19 PM 2:54

ALCO
HAZMAT