



Cal/EPA

Department of
Toxic Substances
Control

700 Heinz Avenue,
Bldg. F, Suite 200
Berkeley, CA
94710

Mr. Nino Cerruti
Caltrans
P.O. Box 23660
Oakland, California 94623-0660

**PHOENIX 766 SITE, 766 CEDAR STREET, CYPRESS
RECONSTRUCTION PROJECT, OAKLAND**

Dear Mr. Cerruti:

While reviewing the Site Remediation Completion Report for the above mentioned site, the Department of Toxic Substances Control (DTSC) discovered that Section 4.9, Site Restoration incorrectly states that the Phoenix 766 was over-excavated to 15 feet bgs and enclosed by the slurry wall. This section must be corrected and returned to DTSC prior to final certification of the site. If you have any questions, please call Lynn Nakashima at (510) 540-3839.

Sincerely,

Barbara J. Cook, P.E., Chief
Northern California - Coastal Cleanup
Operations Branch



ENVIRONMENTAL
PROTECTION

97 OCT 28 PM 3:20

October 24, 1997

Pete Wilson
Governor

Secretary for
Environmental
Protection

cc: Mr. Stephen Morse
Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

✓ Ms. Susan Hugo
Alameda County Health Agency
Department of Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502

Mr. Robert Paterson
Caltrans - Cypress Construction
1545 Willow Street
Oakland, California 94607

Mr. Christopher Wilson
Caltrans - Environmental Engineering
P.O. Box 23660
Oakland, California 94623-0660

Ms. Jennifer Powers
Caltrans - Cypress Construction
1545 Willow Street
Oakland, California 94607



Cal/EPA

Department of
Toxic Substances
Control

700 Heinz Avenue,
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Berkeley, CA
94710

ENVIRONMENTAL
PROTECTION

97 OCT -2 PM 3: 20

September 30, 1997



Pete Wilson
Governor

Secretary for
Environmental
Protection

Mr. Nino Cerruti
Caltrans
P.O. Box 23660
Oakland, California 94623-0660

**SOUTH PRESCOTT NEIGHBORHOOD PARK DRAFT FEASIBILITY
STUDY/REMEDIAL ACTION PLAN, CYPRESS REPLACEMENT
PROJECT, OAKLAND**

Dear Mr. Cerruti:

The Department of Toxic Substance Control (DTSC) has completed review of the revised Draft Feasibility Study/Remedial Action Plan (RAP) submitted by Caltrans on September 26, 1997. The draft FS/RAP for the subject site is approved for public comment. DTSC's preliminary nonbinding allocation of responsibility (NBAR) is enclosed. As discussed previously, the NBAR should be inserted at the end of Appendix G and a copy of the draft RAP must be sent to each of the persons named in the NBAR via overnight mail. A copy of the enclosed letter should be mailed with the copy of the draft FS/RAP.

If you have any questions or comments, please contact Lynn Nakashima at (510) 540-3839.

Sincerely,

Barbara J. Cook, P.E., Chief
Northern California - Coastal Cleanup
Operations Branch

Enclosures

cc: See next page

Mr. Nino Cerruti
September 30, 1997
Page Two

cc: Mr. Stephen Morse
Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

Ms. Susan Hugo
Alameda County Health Agency
Department of Environmental Health
1131 Harbor Bay Parkway
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Mr. Christopher Wilson
Caltrans
P.O. Box 23660
Oakland, California 94623-0660

Ms. Jennifer Powers
Caltrans
Cypress Construction Office
1545 Willow Street
Oakland, California 94607

PRELIMINARY NONBINDING ALLOCATION OF RESPONSIBILITY

Health and Safety Code (HSC) Section 25356.1(e) requires the Department of Toxic Substances Control (DTSC) to prepare a preliminary nonbinding allocation of responsibility (the "NBAR") among all identifiable potentially responsible parties (PRPs). HSC section 25356.3(a) allows PRPs with an aggregate allocation in excess of 50% to convene an arbitration proceeding by submitting to binding arbitration before an arbitration panel. If PRPs with over 50% of the allocation convene arbitration, then any other PRP wishing to do so may also submit to binding arbitration.

The sole purpose of the NBAR is to establish which PRPs will have an aggregate allocation in excess of 50% and can therefore convene arbitration if they so choose. The NBAR, which is based on the evidence available to DTSC, is not binding on anyone, including PRPs, DTSC, or the arbitration panel. If a panel is convened, its proceedings are de novo and do not constitute a review of the provisional allocation. The arbitration panel's allocation will be based on the panel's application of the criteria spelled out in HSC section 25356.3(c) to the evidence produced at the arbitration hearing. Once arbitration is convened, or waived, the NBAR has no further effect, in arbitration, litigation or any other proceeding, except that both the NBAR and the arbitration panel's allocation are admissible in a court of law, pursuant to HSC section 25356.7 for the sole purpose of showing the good faith of the parties who have discharged the arbitration panel's decision.

DTSC sets forth the following preliminary nonbinding allocation of responsibility for the South Prescott Neighborhood Park Site, Third Street, Oakland:

California Department of Transportation is allocated 35% responsibility; Union Pacific Railroad Company is allocated 35% responsibility; the City of Oakland is allocated 5% responsibility; Rober L. & Gail E. Kruezberger is allocated 5% responsibility; Charles Smith, et. al is allocated 10% responsibility; and the John Bobo estate is allocated 10% responsibility.



Cal/EPA

Department of
Toxic Substances
Control

700 Heinz Avenue,
Bldg. F, Suite 200
Berkeley, CA
94710

September 30, 1997

Pete Wilson
Governor

Secretary for
Environmental
Protection

SAME LETTER SENT TO ATTACHED LIST

Dear Sir or Madam:

**SOUTH PRESCOTT NEIGHBORHOOD PARK DRAFT FEASIBILITY
STUDY/REMEDIAL ACTION PLAN, CYPRESS REPLACEMENT
PROJECT, OAKLAND**

The Department of Toxic Substance Control (DTSC) has completed review of the revised Draft Feasibility Study/Remedial Action Plan (draft FS/RAP) submitted on September 26, 1997. The draft FS/RAP for the subject site is approved for public comment. As your company has been named as a potentially responsible party in DTSC's preliminary nonbinding allocation of responsibility (see Appendix G of the draft FS/RAP), you are being sent a copy of the draft FS/RAP. The public comment period for this document will be from October 10, 1997 through November 10, 1997.

If you have any questions or comments, please contact Lynn Nakashima at (510) 540-3839.

Sincerely,

Barbara J. Cook, P.E., Chief
Northern California - Coastal Cleanup
Operations Branch

Enclosure

DISTRIBUTION LIST

Mr. Joel R. Strafelda
Union Pacific Railroad
1416 Dodge Street, Room 930
Omaha, Nebraska 68179

Mr. Terry Roberts
City of Oakland
Public Works Agency
1333 Broadway, Suite 330A
Oakland, California 94612

Ms. Gail Krueberger
7518 Oakmont Drive
Santa Rosa, California 95409

Mr. Charles Smith
1036 Peralta Street
Oakland, California 94607



ENVIRONMENTAL
PROTECTION

97 AUG 29 PM 2:57



Cal/EPA

August 27, 1997

Pete Wilson
Governor

Department of
Toxic Substances
Control

Peter M. Rooney
Acting Secretary for
Environmental
Protection

700 Heinz Avenue,
Suite 200
Berkeley, CA
94710-2737

Mr. Nino Cerruti
Caltrans
P.O. Box 23660
Oakland, California 94623-0660

Dear Mr. Cerruti:

**REVISIONS TO DRAFT FEASIBILITY STUDY/REMEDIAL ACTION
PLAN (FS/RAP), SOUTH PRESCOTT NEIGHBORHOOD PARK,
CYPRESS RECONSTRUCTION PROJECT, OAKLAND**

The Department of Toxic Substances Control (DTSC) received the revised draft FS/RAP prepared by Caltrans. The document was revised based on comments provided by DTSC in a letter dated July 31, 1997. DTSC has reviewed the revised FS/RAP and found that most comments were adequately addressed; however, DTSC has the following additional comments:

1. Specific grammatical errors are not included in these comments; however, the document should be checked and corrected.
2. Page 4:
 - a. Third paragraph: Add before the last sentence, "Groundwater beneath the Site was not evaluated because it does not meet the requirements of the California State Water Resources Control Board Resolution 88-63 for use as domestic drinking water.
 - b. Third paragraph, last sentence: The purpose of the BRA is not to determine which chemicals exceed acceptable risk levels, but rather to estimate individual and cumulative risks to potential receptors. Please revise this sentence.
 - c. Fourth paragraph and fifth sentence: The first sentence in both paragraphs should be revised to indicate that the list of chemicals are the Chemicals of Concern (COCs) identified in the BRA. They are not chemicals that exceed acceptable risk levels.
 - d. For clarity, DTSC suggests combining paragraphs three and fourth since the only difference between the two paragraphs is the identification of chemicals as carcinogenic or non-carcinogenic.

Mr. Nino Cerruti
August 27, 1997
Page Two

3. Page 5, Section 2.2, Site Location: First sentence: The original reference to figure 2 was correct. Please revise.
4. Page 6, Soil Contamination, third and fourth paragraph, and page 17, top three bullet items: Because this document presents proposed remediation goals, delete the reference to "above cleanup levels".
5. Page 7, Groundwater Contamination: This section states that groundwater sample analyses from the eastern portion of the Site detected elevated concentrations of pesticides. However, the table on page 20 states that no pesticides were detected in groundwater. Please resolve this discrepancy.
6. Page 14, second bullet item:, second to last sentence: It is unclear what is meant by "...for the risk assessment portion of this report." Does this sentence mean that the data collected by Geomatrix was used in the South Prescott Park risk assessment?
7. Page 20: pH and Total Dissolved Solid concentrations should be deleted from this table as they are not chemical analyses, but rather physical analyses.
8. Page 17, third bullet item: The first sentence lists pesticides twice. It appears that one of them should be replaced with "PCBs."
9. Page 28, Determination of Remedial Goals, Second paragraph: Replace "change" with "chance".
10. Page 29, Table 5-5: Please indicate in the table heading that the goals listed are for soil.
11. Page 41, Section 7.4.3:
 - a. First paragraph: For clarity, revise the seventh line by replacing "it" with "soil".
 - b. Second paragraph: The heading of this section indicates that the thermal treatment will occur off-site, while the second paragraph states that the treatment unit would be installed on-site (at the park). Please clarify.

Mr. Nino Cerruti
August 27, 1997
Page Three

12. Page 48, Section 7.6: Under the "Implementability" criterion, it is unclear why Alternative 3 is rated as "highly" given the length of time required to obtain all necessary permits and approvals. Since the alternative could not be implemented immediately, the alternative should receive a lower ranking.
13. Page 50, Section 7.7.1, item 7: DTSC suggests rewording this sentence to, "is cost-effective".
14. Original comment 50b: Please indicate whether the data from Table 5.3.1.c was included in this document. If the data was not used, please indicate why.

If you have any questions regarding these comments, please call Lynn Nakashima at (510) 540-3839.

Sincerely,



Barbara J. Cook, P.E., Chief
Northern California - Coastal Cleanup
Operations Branch

cc: Mr. Stephen Morse
Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

Ms. Susan Hugo
Alameda County Health Agency
Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502

Mr. Nino Cerruti
August 27, 1997
Page Four

cc: Ms. Jennifer Powers
Caltrans
Cypress Construction Office
1545 Willow Street
Oakland, California 94607

Mr. Christopher Wilson
Caltrans
Environmental Engineering
P.O. Box 23660
Oakland, California 94623-0660



Public Notice

PUBLIC COMMENT PERIOD EXTENDED

Draft Feasibility Study/Remedial Action Plan & Draft Removal Action WorkPlans for:

The South Prescott Neighborhood Park Site, The Vacant Lot Site at 1509/1513 Third Street & The West Oakland/Desert Railyards Sites Interstate-880 Realignment Corridor.

In response to requests from the public, the California Environmental Protection Agency, Department of Toxic Substances Control (DTSC) has extended the public comment period through December 1, 1997 for the draft documents relating to the remediation of the South Prescott Neighborhood Park Site, the vacant lot at 1509/1513 Third Street Site and the West Oakland/Desert Railyards Sites.

A Draft Feasibility Study/Remedial Action Plan (FS/RAP) for the South Prescott Park Site, a Draft Removal Action Workplan (RAW) for the Vacant Lot Site at 1509/1513 Third Street and a Draft Removal Action Workplan for the West Oakland/Desert Railyards Sites have been prepared under the authority of the California Health and Safety Code, Chapter 6.8. The Draft FS/RAP for South Prescott Park proposes to remove all contaminated soil to levels consistent with recreational use standards and then backfill the excavated area with clean soil. The Draft RAW for the vacant lot site at 1509/1513 Third Street proposes to remove all contaminated soil to levels consistent with unrestricted use standards, and then backfill it with clean soil. The Draft RAW for the West Oakland/Desert Railyards along the I-880 Realignment Corridor proposes to restrict the property to its current use and cover the soil under the southern elevated section at the freeway with asphalt.

DTSC will accept comments on these documents during the public comment period which began October 10, 1997 and now ends on December 1, 1997. All written comments should be sent to the Project Officers at the DTSC address shown below.

You can review the Draft FS/RAP and the Draft RAWs along with other site related documents, in both Spanish and English, at the following locations:

Department of Toxic Substances Control
Berkeley Office
700 Heinz Avenue, Suite 200
Berkeley, CA 94710
(510) 540-2122
By appointment: Call (510) 540-3800

Cypress One-Stop Information Center
Glove Building
1121 7th Street
Oakland, CA
(510) 286-7395

Office Library West Oakland Branch
1801 Adeline Street
Oakland, CA 94607
(510)238-7352

If you would like more information or have questions on any of these documents please write or call the DTSC office listed above. For questions regarding the South Prescott Park Site and the Vacant Lot Site at 1509/1513 Third Street contact Lynn Nakashima, Project Officer, at (510)540-3839. For questions regarding the West Oakland/Desert Railyards Sites along the I-880 Corridor contact Thomas Tse, Project Officer, at (510)540-3835. To obtain additional copies of fact sheets or for questions related to public participation contact Rachelle Maricq, Public Participation Coordinator, at (510)540-3910.

Nota Pública

EXTENSION DEL PERIODO DE COMENTARIO PUBLICO

Borrador del Estudio de Factibilidad/Plan de Acción de Remedación y Borrador del Plan de Acción de Remoción para:

El Sitio en el Parque del Vecindario Prescott Sur, El Sitio en el Solar Vacante en el 1509/1513 de la calle Third & Los Sitios en los Patios de Ferrocarriles del Oeste de Oakland Corredor de Realineamiento de la Carretera Interestatal 880.

En respuesta a peticiones del público, la Agencia Para la Protección Ambiental de California, Departamento de Control de Substancias Tóxicas (DTSC) ha extendido el período de comentario público hasta diciembre 1, 1997 para los documentos en borrador relacionados a la remediación del Sitio en el Parque del Vecindario Prescott Sur, el Sitio en el Solar Vacante ubicado en el 1509/1513 de la calle Third, y los Sitios en los Patios de Ferrocarriles del Oeste de Oakland.

Un borrador del Estudio de Factibilidad/Plan de Acción de Remedación (FS/RAP) para el Sitio en el Parque Prescott Sur, un borrador del Plan de Acción de Remoción (RAW) para el Sitio en el Solar Vacante ubicado en el 1509/1513 de la calle Third, y un borrador del Plan de Acción de Remoción para los Sitios en los Patios de Ferrocarriles del Oeste de Oakland han sido preparados bajo la autorización del Código de Salud y Seguridad de California, Capítulo 6.8. El borrador del FS/RAP para el Parque Prescott Sur propone remover todo el suelo contaminado a niveles consistente con normalidades para uso recreacional y después rellenar el area excavada con suelo limpio. El borrador del RAW para el sitio en el solar vacante ubicado en el 1509/1513 de la calle Third propone remover todo el suelo contaminado a niveles consistente con normalidades para uso sin restricciones, y después rellenar lo con suelo limpio. El borrador del RAW para los Patios de Ferrocarriles del Oeste de Oakland a lo largo del Corredor de Realineamiento de la I-880 propone restringir la propiedad a su uso actual y cubrir el suelo debajo de la sección elevada sur en la carretera con asfalto.

DTSC aceptará comentarios sobre estos documentos durante el período de comentario público el cual empezó en octubre 10, 1997 y terminará en diciembre 1, 1997. Todos los comentarios escritos deben ser enviados al Oficial del Project a la dirección de DTSC mostrada abajo.

Usted puede revisar el borrador del FS/RAW y los borradores de los RAWs en conjunto con otros documentos relacionados al sitio, en Español e Ingles, en las siguientes localidades:

Departamento de Control de Substancias Tóxicas
Oficina en Berkeley
700 Heinz Avenue, Suite 200
Berkeley, Ca 94710
(510) 540-2122
Para una cita llamar al (510) 540-3800

Oficina de Información Pública de Cypress
Glove Building 1121 7th Street
Oakland, CA
(510) 286-7395

Biblioteca Pública
Sucursal Oeste de Oakland
1801 Adeline Street
Oakland, CA 94607
(510)238-7352

Si a usted le gustaria mas información, le gustaria copias adicionales del boletin informativo, o tiene preguntas sobre cualquiera de estos documentos por favor escriba a la oficina de DTSC listada arriba, o contacte a Jacinto Soto al (510)540-3842.

**NOTICE OF COMMENT PERIOD FOR PROPOSED NEGATIVE DECLARATION
FOR 1509/1513 THIRD STREET, WEST OAKLAND RAIL YARD
OAKLAND, ALAMEDA COUNTY, CALIFORNIA**

The California Environmental Protection Agency, Department of Toxic Substances Control (DTSC) announces the availability of the Proposed Negative Declaration for a Vacant Lot located at 1509/1513 Third Street for public review and comment. DTSC previously public noticed a Draft Removal Action Workplan on October 10, 1997, that proposed the removal of all contaminated soil consistent with unrestricted use standards, and then to backfill the Site with clean soil. In accordance with the California Environmental Quality Act (CEQA), DTSC has evaluated the project to determine potential environmental impacts of the proposed cleanup plan. DTSC found that the proposed cleanup plan would improve environmental quality and therefore have no negative impacts. DTSC plans to issue a Negative Declaration in accordance with CEQA for this project.

The public is invited to comment on the proposed Negative Declaration at any time during the 30 day public comment period from November 11, 1997 to December 11, 1997. Written comments should be post marked no later than December 11, 1997 and be mailed to Lynn Nakashima, project manager at the DTSC address below. Questions about this project can be directed to either Lynn Nakashima at (510) 540-3839 or Rachele Maricq, Public Participation Coordinator, at (510) 540-3910. Copies of the proposed Negative Declaration and other site specific documents are available for public review at the following information repositories:

Department of Toxic Substances Control
700 Heinz Avenue, Suite 200
Berkeley, CA 94710-2737
File Room: Mon through Fri
8:00 am to 5:00 pm
By appointment (510) 540-3800

City of Oakland Public Library
West Oakland Branch
1801 Adeline Street
Oakland, CA 94607
(510) 238-7352
Mon & Thurs 11:00 am to 7:00 pm
Tues., Weds. & Sat. 10:00 am to 5:30 pm
Fri & Sun Closed

Cypress One-Stop Information Center
Glove Building
1121 7th Street
Oakland, CA 94607
(510) 286-7395
Mon through Fri Hours: 8:00 am to 5:00 pm

**Rachele Maricq
DTSC
700 Heinz Ave., Suite 200
Berkeley, CA 94710**

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FIRST-CLASS MAIL
U.S. POSTAGE PAID
Concord, CA
Permit #473

Susan Hugo
Alameda County Env. Health
1131 Harbor Bay Parkway, #250
Alameda, CA 94502-6577



Cal/EPA

August 11, 1997

Department of
Toxic Substances
Control

700 Heinz Avenue
Suite 200
Berkeley, CA
94710-2737

Mr. Nino Cerruti
Caltrans
P.O. Box 23660
Oakland, California 94623-0660

Pete Wilson
Governor

James M. Strock
Secretary for
Environmental
Protection

Dear Mr. Cerruti:

**SITE REMEDIATION COMPLETION REPORT, PHOENIX 766 SITE,
766 CEDAR STREET, CYPRESS RECONSTRUCTION PROJECT,
OAKLAND**

The Department of Toxic Substances Control (DTSC) received the requested health and safety certificates from your office, as requested in our letter dated June 6, 1997. Receipt of the certificates satisfies DTSC's remaining concerns regarding the Site Remediation Completion Report; therefore, the report is approved. Upon incorporation of the certificates into the report, copies should be sent to the Cypress Freeway repositories.

If you have any questions regarding this letter, please call Lynn Nakashima at (510) 540-3839.

Sincerely,

Barbara J. Cook, P.E., Chief
Northern California - Coastal Cleanup
Operations Branch



Printed on Recycled Paper

Mr. Nino Cerruti
August 11, 1997
Page Two

cc: Mr. Stephen Morse
Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

Ms. Susan Hugo
Alameda County Health Agency
Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502

Mr. Christopher Wilson
Caltrans
Environmental Engineering
P.O. Box 23660
Oakland, California 94623-0660

Mr. Robert J. Paterson
Caltrans
1545 Willow Street
Oakland, California 94607



Cal/EPA

Department of
Toxic Substances
Control

700 Heinz Avenue
Suite 200
Berkeley, CA
94710-2737

Mr. Nino Cerruti
Caltrans
P.O. Box 23660
Oakland, California 94623-0660

August 11, 1997



Pete Wilson
Governor

James M. Strock
Secretary for
Environmental
Protection

Dear Mr. Cerruti:

**SITE REMEDIATION COMPLETION REPORT, PHOENIX 524 SITE,
524 CEDAR STREET, CYPRESS RECONSTRUCTION PROJECT,
OAKLAND**

The Department of Toxic Substances Control (DTSC) received the final copy of the Phoenix 524 Site Remediation Completion Report prepared by OGISO Environmental on behalf of Caltrans. The report incorporates all of the revisions contained in the response to comments dated April 1997. As stated in DTSC's letter dated May 2, 1997, closure of this Site is dependent upon recording a notice in the Caltrans right-of-way files, and a workplan for installation of groundwater monitoring wells. DTSC has not received a copy of the notice nor the workplan. DTSC requests that Caltrans submit a schedule indicating when these items will be submitted.

If you have any questions regarding this letter, please call Lynn Nakashima at (510) 540-3839.

Sincerely,

Barbara J. Cook, P.E., Chief
Northern California - Coastal Cleanup
Operations Branch



Mr. Nino Cerruti
August 11, 1997
Page Two

cc: Mr. Stephen Morse
Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

Ms. Susan Hugo
Alameda County Health Agency
Department of Environmental Health
1131 Harbor Bay Parkway
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Mr. Christopher Wilson
Caltrans
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P.O. Box 23660
Oakland, California 94623-0660

Mr. Robert J. Paterson
Caltrans
1545 Willow Street
Oakland, California 94607

Ms. Kathleen Liega
Caltrans
1545 Willow Street
Oakland, California 94607



Cal/EPA

Department of
Toxic Substances
Control

700 Heinz Avenue
Suite 200
Berkeley, CA
94710-2737

Mr. Nino Cerruti
Caltrans
P.O. Box 23660
Oakland, California 94623-0660

Dear Mr. Cerruti:

**DRAFT ADMINISTRATIVE RECORD LIST PROPOSED SOUTH
PRESCOTT NEIGHBORHOOD PARK, CYPRESS RECONSTRUCTION
PROJECT, OAKLAND**

As indicated in the Department of Toxic Substances Control's (DTSC) July 31, 1997 comment letter to the draft Remedial Action Plan (RAP) for the above mentioned site, please find enclosed a draft Administrative Record List. This list should be included at the Executive Summary Section and submitted with the revised draft RAP.

In addition, Appendix H, page H-5, Potential Environmental Impact of Selected Remedial Measures should be revised to include the following at the beginning of the section:

All potential impacts will be mitigated under the proposed remedial alternative. The proposed remedial alternative will not create any significant environmental impacts.

If you have any questions regarding this letter, please call Lynn Nakashima at (510) 540-3839.

Sincerely,

Barbara J. Cook, P.E., Chief
Northern California - Coastal
Cleanup Operations Branch

Enclosure

ENVIRONMENTAL
PROTECTION

97 AUG -5 PM 2:43

August 1, 1997



Pete Wilson
Governor

James M. Strock
Secretary for
Environmental
Protection



Mr. Nino Cerruti
August 1, 1997
Page Two

cc: Mr. Stephen Morse
Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

Ms. Susan Hugo
Alameda County Health Agency
Department of Environmental Health
1131 Harbor Bay Parkway
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Mr. Christopher Wilson
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Oakland, California 94623-0660

Ms. Kathleen Liega
Caltrans
Cypress Construction Office
1545 Willow Street
Oakland, California 94607

ADMINISTRATIVE RECORD LIST PROPOSED SOUTH PRESCOTT NEIGHBORHOOD PARK

DOCUMENT DATE	September 1991
DOCUMENT TYPE	Report
TITLE/SUBJECT	Final Environmental Impact Statement/Report, Volume I, I-880/Cypress Replacement, Alameda County, CA
AUTHOR/AFFILIATION	U.S. Department of Transportation, Federal Highway Administration and State of California Department of Transportation
RECIPIENT/AFFILIATION	
FILE LOCATION	
DOCUMENT DATE	December 1991
DOCUMENT TYPE	Report
TITLE/SUBJECT	Final Report to National Science Foundation, Engineering Geologic Site Characterization of the Greater Oakland-Alameda Area, Alameda and San Francisco Counties, California
AUTHOR/AFFILIATION	Rogers/Pacific
RECIPIENT/AFFILIATION	
FILE LOCATION	
DOCUMENT DATE	August 20, 1993
DOCUMENT TYPE	Letter
TITLE/SUBJECT	Letter transmitting Task Order for site investigation of 3rd Street Proposed Park
AUTHOR/AFFILIATION	Allan Chow/Caltrans
RECIPIENT/AFFILIATION	Lynn Nakashima/DTSC
FILE LOCATION	C1
DOCUMENT DATE	October 18, 1993
DOCUMENT TYPE	Report
TITLE/SUBJECT	Phase II Site Remediation Report
AUTHOR/AFFILIATION	Industrial Compliance
RECIPIENT/AFFILIATION	Southern Pacific Transportation Company
FILE LOCATION	Cypress Freeway/Southern Pacific/Bobo's Junkyard - C
DOCUMENT DATE	October 22, 1993
DOCUMENT TYPE	Letter
TITLE/SUBJECT	Transmittal of Health Based Screening Levels for 3rd Street Propose Park to Caltrans
AUTHOR/AFFILIATION	Lynn Nakashima/DTSC
RECIPIENT/AFFILIATION	Allan Chow/Caltrans
FILE LOCATION	C1
DOCUMENT DATE	October 22, 1993
DOCUMENT TYPE	Work Plan
TITLE/SUBJECT	Draft Site Assessment and Risk Assessment Workplan for Proposed South Prescott Neighborhood
AUTHOR/AFFILIATION	Cydney Miller/TRC Environmental Corporation
RECIPIENT/AFFILIATION	Caltrans
FILE LOCATION	C1
DOCUMENT DATE	October 29, 1993
DOCUMENT TYPE	Letter
TITLE/SUBJECT	Transmittal of DTSC comments regarding Site Assessment Workplan for proposed South Prescott Park.
AUTHOR/AFFILIATION	Lynn Nakashima/DTSC
RECIPIENT/AFFILIATION	Allan Chow/Caltrans

ADMINISTRATIVE RECORD LIST PROPOSED SOUTH PRESCOTT NEIGHBORHOOD PARK

FILE LOCATION	C1
DOCUMENT DATE	November 1993
DOCUMENT TYPE	Report
TITLE/SUBJECT	Preliminary Endangerment Assessment, Smith's Wrecking Yard
AUTHOR/AFFILIATION	On-Site Technologies
RECIPIENT/AFFILIATION	Caltrans
FILE LOCATION	Cypress Freeway/Smith's Wrecking Yard - C2
DOCUMENT DATE	November 11, 1993
DOCUMENT TYPE	Work Plan
TITLE/SUBJECT	Revised Site Investigation and Risk Assessment Workplan, Proposed South Prescott Neighborhood
AUTHOR/AFFILIATION	Cydney Miller/TRC Environmental Corporation
RECIPIENT/AFFILIATION	Caltrans
FILE LOCATION	C2
DOCUMENT DATE	November 15, 1993
DOCUMENT TYPE	Letter
TITLE/SUBJECT	DTSC Comments to Revised Work Plan
AUTHOR/AFFILIATION	Lynn Nakashima/DTSC
RECIPIENT/AFFILIATION	Allan Chow/Caltrans
FILE LOCATION	C1
DOCUMENT DATE	November 15, 1993
DOCUMENT TYPE	Memorandum of Call
TITLE/SUBJECT	Change in approved Site Investigation Workplan to collect groundwater by bailer.
AUTHOR/AFFILIATION	Lynn Nakashima/DTSC
RECIPIENT/AFFILIATION	File
FILE LOCATION	F1
DOCUMENT DATE	December 10, 1993
DOCUMENT TYPE	Facsimile
TITLE/SUBJECT	Preliminary data from Site Investigation
AUTHOR/AFFILIATION	Cydney Miller/TRC Environmental Corporation
RECIPIENT/AFFILIATION	Allan Chow/Caltrans
FILE LOCATION	C3
DOCUMENT DATE	December 13, 1993
DOCUMENT TYPE	Facsimile
TITLE/SUBJECT	Preliminary data from Site Investigation
AUTHOR/AFFILIATION	Cydney Miller/TRC Environmental Corporation
RECIPIENT/AFFILIATION	Allan Chow/Caltrans
FILE LOCATION	C3
DOCUMENT DATE	December 20, 1993
DOCUMENT TYPE	Facsimile
TITLE/SUBJECT	Preliminary data from Site Investigation
AUTHOR/AFFILIATION	Cydney Miller/TRC Environmental Corporation
RECIPIENT/AFFILIATION	Allan Chow/Caltrans
FILE LOCATION	C3

ADMINISTRATIVE RECORD LIST PROPOSED SOUTH PRESCOTT NEIGHBORHOOD PARK

DOCUMENT DATE December 23, 1993
DOCUMENT TYPE Facsimile
TITLE/SUBJECT Preliminary data from Site Investigation
AUTHOR/AFFILIATION Shawn Coleman/Diversified Analytical Services
RECIPIENT/AFFILIATION Cydney Miller/TRC Environmental Corporation
FILE LOCATION C3

DOCUMENT DATE February 7, 1994
DOCUMENT TYPE Memorandum of Phone Call
TITLE/SUBJECT Discussion of sample results and proposed action.
AUTHOR/AFFILIATION Lynn Nakashima/DTSC
RECIPIENT/AFFILIATION File
FILE LOCATION F1

DOCUMENT DATE January 10, 1994
DOCUMENT TYPE Facsimile
TITLE/SUBJECT Preliminary data from Site Investigation, 6 foot samples
AUTHOR/AFFILIATION Allan Chow/Caltrans
RECIPIENT/AFFILIATION Lynn Nakashima/DTSC
FILE LOCATION C3

DOCUMENT DATE January 20, 1994
DOCUMENT TYPE Letter
TITLE/SUBJECT Outline for Risk Assessment to be performed on proposed South Prescott Neighborhood Park
AUTHOR/AFFILIATION Cydney Miller/TRC Environmental Corporation
RECIPIENT/AFFILIATION Lynn Nakashima/DTSC
FILE LOCATION C3

DOCUMENT DATE February 18, 1994
DOCUMENT TYPE Memorandum
TITLE/SUBJECT Protocol for the development of Risk-Based Preliminary Remediation Goals for the Planned South Prescott Neighborhood Park
AUTHOR/AFFILIATION James Carlisle/DTSC
RECIPIENT/AFFILIATION Lynn Nakashima/DTSC
FILE LOCATION C3

DOCUMENT DATE March 3, 1994
DOCUMENT TYPE Letter
TITLE/SUBJECT Transmittal from DTSC to Caltrans of Protocol for the Development of Risk-Based Preliminary Remediation Goals
AUTHOR/AFFILIATION Barbara Cook/DTSC
RECIPIENT/AFFILIATION Allan Chow/Caltrans
FILE LOCATION C3

DOCUMENT DATE March 25, 1994
DOCUMENT TYPE Letter
TITLE/SUBJECT DTSC comments to Soil and Groundwater Investigation, Remedial Action Options Report
AUTHOR/AFFILIATION Barbara Cook/DTSC
RECIPIENT/AFFILIATION Allan Chow/Caltrans
FILE LOCATION C3

ADMINISTRATIVE RECORD LIST PROPOSED SOUTH PRESCOTT NEIGHBORHOOD PARK

DOCUMENT DATE	May 10, 1994
DOCUMENT TYPE	Voluntary Cleanup Agreement
TITLE/SUBJECT	Voluntary Cleanup Agreement, Cypress Freeway Reconstruction Project and East Bay Municipal Utility District Sewer Line Realignment, Oakland and Emeryville
AUTHOR/AFFILIATION	DTSC
RECIPIENT/AFFILIATION	Joe Brown/Caltrans
FILE LOCATION	Cypress Freeway/Caltrans - B1
DOCUMENT DATE	June 3, 1994
DOCUMENT TYPE	Report
TITLE/SUBJECT	Second Draft Soil and Groundwater Investigation, Remedial Action Options Report
AUTHOR/AFFILIATION	Cydney Miller/TRC Environmental Corporation
RECIPIENT/AFFILIATION	Caltrans
FILE LOCATION	C2
DOCUMENT DATE	June 14, 1994
DOCUMENT TYPE	Enforceable Order
TITLE/SUBJECT	Imminent or Substantial Endangerment Determination and Remedial Action Order
AUTHOR/AFFILIATION	DTSC
RECIPIENT/AFFILIATION	Southern Pacific Transportation Company
FILE LOCATION	Cypress Freeway/Southern Pacific
DOCUMENT DATE	July 1994
DOCUMENT TYPE	Report
TITLE/SUBJECT	West Oakland, "A Place to Start From", Research Design and Treatment Study, Cypress I-880 Replacement Properties, Volume I, Historical Archaeology, Oakland, California
AUTHOR/AFFILIATION	Edited by Mary Praetzellis/Sonoma State Univesity
RECIPIENT/AFFILIATION	Caltrans
FILE LOCATION	
DOCUMENT DATE	July 5, 1994
DOCUMENT TYPE	Letter
TITLE/SUBJECT	DTSC approval of Second Draft Soil and Groundwater Investigation, Remedial Action Options Report.
AUTHOR/AFFILIATION	Barbara Cook/DTSC
RECIPIENT/AFFILIATION	Ace Forsen/Caltrans
FILE LOCATION	C3
DOCUMENT DATE	July 15, 1994
DOCUMENT TYPE	Report, Vols. I & II
TITLE/SUBJECT	Final Soil and Groundwater Investigation, Remedial Action Options Reprot
AUTHOR/AFFILIATION	Cydney Miller/TRC Environmental Corporation
RECIPIENT/AFFILIATION	Caltrans
FILE LOCATION	C2 and C4
DOCUMENT DATE	October 4, 1994
DOCUMENT TYPE	Plan
TITLE/SUBJECT	Public Participation Plan for the Environmental Investigation & Cleanup Activities in the I-880 Cypress Replacement Project Area
AUTHOR/AFFILIATION	California Department of Transportation and Southern Pacific Transportation Co.
RECIPIENT/AFFILIATION	DTSC
FILE LOCATION	Cypress Freeway/Caltrans - C

ADMINISTRATIVE RECORD LIST PROPOSED SOUTH PRESCOTT NEIGHBORHOOD PARK

DOCUMENT DATE December 29, 1994
DOCUMENT TYPE Report
TITLE/SUBJECT Report of Findings, 3rd Street Park and 14th Street Extension
AUTHOR/AFFILIATION Environmental Solutions
RECIPIENT/AFFILIATION Caltrans
FILE LOCATION C

DOCUMENT DATE June 19, 1995
DOCUMENT TYPE Report
TITLE/SUBJECT Final Report of Findings, Smith's Wrecking Yard, Proposed South Prescott Park
AUTHOR/AFFILIATION Environmental Solutions
RECIPIENT/AFFILIATION Caltrans
FILE LOCATION C

DOCUMENT DATE July 25, 1995
DOCUMENT TYPE Letter
TITLE/SUBJECT Site Remediation Workplan, Proposed South Prescott Neighborhood Park
AUTHOR/AFFILIATION Barbara J. Cook/DTSC
RECIPIENT/AFFILIATION Ace Forsen/Caltrans
FILE LOCATION C3

DOCUMENT DATE August 1995
DOCUMENT TYPE Report
TITLE/SUBJECT Geologic Framework of the East Bay Plain Groundwater Basin, Alameda County California
AUTHOR/AFFILIATION Alameda County Flood Control and Water Conservation District
RECIPIENT/AFFILIATION DTSC
FILE LOCATION Cypress Freeway/Caltrans/Bobo's Junkyard - C

DOCUMENT DATE November 22, 1995
DOCUMENT TYPE Report
TITLE/SUBJECT Remedial Investigation and Baseline Risk Assessment Report, Former Bobo's Junkyard Operable Unit, 1401 Third Street
AUTHOR/AFFILIATION Geomatrix Consultants, Inc.
RECIPIENT/AFFILIATION Southern Pacific Transportation Company
FILE LOCATION C

DOCUMENT DATE December 27, 1996
DOCUMENT TYPE Letter
TITLE/SUBJECT Inorganic Arsenic Background Concentrations at the Cypress Freeway Corridor
AUTHOR/AFFILIATION Kathleen Liega/Caltrans
RECIPIENT/AFFILIATION Lynn Nakashima/DTSC
FILE LOCATION Cypress Freeway/Caltrans - C

DOCUMENT DATE January 3, 1996
DOCUMENT TYPE Letter
TITLE/SUBJECT Inorganic Arsenic Background Concentrations at the Cypress Freeway, Oakland
AUTHOR/AFFILIATION Barbara J. Cook/DTSC
RECIPIENT/AFFILIATION Ace Forsen/Caltrans
FILE LOCATION Cypress Freeway/Caltrans - C2

ADMINISTRATIVE RECORD LIST PROPOSED SOUTH PRESCOTT NEIGHBORHOOD PARK

DOCUMENT DATE	May 1, 1996
DOCUMENT TYPE	Letter
TITLE/SUBJECT	Inorganic Cobalt Thallium Background Concentrations at the Cypress Freeway Corridor
AUTHOR/AFFILIATION	Kathleen Liega/Caltrans
RECIPIENT/AFFILIATION	Lynn Nakashima/DTSC
FILE LOCATION	Cypress Freeway/Caltrans - C
DOCUMENT DATE	May 24, 1996
DOCUMENT TYPE	Letter
TITLE/SUBJECT	Inorganic Cobalt and Thallium Background Concentration at the Cypress Freeway, Oakland
AUTHOR/AFFILIATION	Barbara J. Cook/DTSC
RECIPIENT/AFFILIATION	Ace Forsen/Caltrans
FILE LOCATION	Cypress Freeway/Caltrans - C2
DOCUMENT DATE	August 6, 1996
DOCUMENT TYPE	Memorandum
TITLE/SUBJECT	Comments on Baseline Risk Assessment
AUTHOR/AFFILIATION	Calvin Whillhite/DTSC
RECIPIENT/AFFILIATION	Lynn Nakashima/DTSC
FILE LOCATION	C3
DOCUMENT DATE	August 28, 1996
DOCUMENT TYPE	Memorandum
TITLE/SUBJECT	Comments to Prescott Park Risk Assessment
AUTHOR/AFFILIATION	Calvin Whillhite/DTSC
RECIPIENT/AFFILIATION	Kay Johnson/Tetra Tech
FILE LOCATION	C3
DOCUMENT DATE	February 3, 1997
DOCUMENT TYPE	Memorandum
TITLE/SUBJECT	Baseline Risk Assessment, Proposed Third Street Park
AUTHOR/AFFILIATION	Calvin Whillhite/DTSC
RECIPIENT/AFFILIATION	Lynn Nakashima/DTSC
FILE LOCATION	C3
DOCUMENT DATE	February 3, 1997
DOCUMENT TYPE	Letter
TITLE/SUBJECT	Comments to Revised Baseline Risk Assessment, Proposed Third Street Park
AUTHOR/AFFILIATION	Barbara J. Cook/DTSC
RECIPIENT/AFFILIATION	Nino Cerruti/Caltrans
FILE LOCATION	C3
DOCUMENT DATE	February 1997
DOCUMENT TYPE	Report
TITLE/SUBJECT	Baseline Risk Assessment Proposed Third Street Park, Oakland, Vol. I & II
AUTHOR/AFFILIATION	Tetra Tech, Inc.
RECIPIENT/AFFILIATION	Caltrans
FILE LOCATION	C4
DOCUMENT DATE	March 12, 1997
DOCUMENT TYPE	Letter

ADMINISTRATIVE RECORD LIST PROPOSED SOUTH PRESCOTT NEIGHBORHOOD PARK

TITLE/SUBJECT	Supplemental Risk Evaluation, Soundwall Area of Proposed Third Street Park, Cypress Reconstruction Project
AUTHOR/AFFILIATION	Barbara J. Cook/DTSC
RECIPIENT/AFFILIATION	Nino Cerruti/Caltrans
FILE LOCATION	Cypress Freeway/Soundwall - C1
DOCUMENT DATE	March 14, 1997
DOCUMENT TYPE	Memorandum
TITLE/SUBJECT	Supplemental Risk Evaluation, Soundwall Area, Proposed Third Street Park
AUTHOR/AFFILIATION	Calvin White/DTSC
RECIPIENT/AFFILIATION	Lynn Nakashima/DTSC
FILE LOCATION	Cypress Freeway/Soundwall - C1
DOCUMENT DATE	March 1997
DOCUMENT TYPE	Report
TITLE/SUBJECT	Supplemental Risk Assessment - Soundwall Area Proposed Third Street Park, Oakland, Final Report
AUTHOR/AFFILIATION	Tetra Tech, Inc.
RECIPIENT/AFFILIATION	Caltrans
FILE LOCATION	Cypress Freeway/Soundwall - C
DOCUMENT DATE	May 1997
DOCUMENT TYPE	Removal Action Workplan
TITLE/SUBJECT	Final Removal Action Workplan, Soundwall Installation, Former SPTCO Rail Yard
AUTHOR/AFFILIATION	Caltrans
RECIPIENT/AFFILIATION	DTSC
FILE LOCATION	Cypress Freeway/Soundwall - C
DOCUMENT DATE	May 12, 1997
DOCUMENT TYPE	Letter
TITLE/SUBJECT	Soil To Be Used at South Prescott Neighborhood Park
AUTHOR/AFFILIATION	Jennifer Powers/Caltrans
RECIPIENT/AFFILIATION	Andrew Clark-Clough/City of Oakland
FILE LOCATION	C3
DOCUMENT DATE	May 20, 1997
DOCUMENT TYPE	Letter
TITLE/SUBJECT	Summary of May 14, 1997 Meeting on Park Soil
AUTHOR/AFFILIATION	Jennifer Powers/Caltrans
RECIPIENT/AFFILIATION	Andrew Clark-Clough/City of Oakland
FILE LOCATION	C3
	Statutes, Regulations, and Guidance Documents
DOCUMENT DATE	December 1986
DOCUMENT TYPE	Statutes
TITLE/SUBJECT	The Comprehensive Environmental Response, Compensation, and Liability Act of 1980 as Amended by the Superfund Amendments and Reauthorization Act of 1986
AUTHOR/AFFILIATION	U.S. Congress
RECIPIENT/AFFILIATION	
FILE LOCATION	

ADMINISTRATIVE RECORD LIST PROPOSED SOUTH PRESCOTT NEIGHBORHOOD PARK

DOCUMENT DATE	October 1988
DOCUMENT TYPE	Guidance
TITLE/SUBJECT	Guidance for Conducting Remedial Investigations and Feasibility Studies Under CERCLA
AUTHOR/AFFILIATION	U.S. Environmental Protection Agency
RECIPIENT/AFFILIATION	
FILE LOCATION	
DOCUMENT DATE	May 1989
DOCUMENT TYPE	Guidance
TITLE/SUBJECT	Exposure Factors Handbook, Exposure Assessment Group, Office of Health and Environmental Assessment, EAP/600/8-89/003
AUTHOR/AFFILIATION	U.S. Environmental Protection Agency
RECIPIENT/AFFILIATION	
FILE LOCATION	
DOCUMENT DATE	December 1989
DOCUMENT TYPE	Guidance
TITLE/SUBJECT	Risk Assessment Guidance for Superfund, Volume 1, Human Health Evaluation Manual (Part A), Interim Final, EPA/540/1-89/002
AUTHOR/AFFILIATION	U.S. Environmental Protection Agency
RECIPIENT/AFFILIATION	
FILE LOCATION	
DOCUMENT DATE	July 1992, reprinted September 1993
DOCUMENT TYPE	Guidance
TITLE/SUBJECT	Supplemental Guidance for Human Health Multimedia Risk Assessments of Hazardous Waste Sites and Permitted Facilities
AUTHOR/AFFILIATION	State of California Environmental Protection Agency
RECIPIENT/AFFILIATION	
FILE LOCATION	
DOCUMENT DATE	July 1993
DOCUMENT TYPE	Regulations
TITLE/SUBJECT	40 Code of Federal Regulations, Parts 300 to 399, National Oil and Hazardous Substance Pollution Contingency Plan
AUTHOR/AFFILIATION	U.S. Government
RECIPIENT/AFFILIATION	
FILE LOCATION	
DOCUMENT DATE	1994/1995
DOCUMENT TYPE	Statutes
TITLE/SUBJECT	California Environmental Quality Act, Statutes and Guidelines
AUTHOR/AFFILIATION	Governors Office of Planning and Research
RECIPIENT/AFFILIATION	
FILE LOCATION	
DOCUMENT DATE	January 1994
DOCUMENT TYPE	Guidance
TITLE/SUBJECT	Preliminary Endangerment Assessment Guidance Manual
AUTHOR/AFFILIATION	Department of Toxic Substances Control
RECIPIENT/AFFILIATION	
FILE LOCATION	

ADMINISTRATIVE RECORD LIST PROPOSED SOUTH PRESCOTT NEIGHBORHOOD PARK

DOCUMENT DATE	December 5, 1995
DOCUMENT TYPE	Policy and Procedure
TITLE/SUBJECT	Remedial Action Plan (RAP) Policy
AUTHOR/AFFILIATION	DTSC
RECIPIENT/AFFILIATION	
FILE LOCATION	
DOCUMENT DATE	1996/1997
DOCUMENT TYPE	Statutes
TITLE/SUBJECT	California Health and Safety Code, Division 20, Chapter 6.5 and 6.8
AUTHOR/AFFILIATION	State of California
RECIPIENT/AFFILIATION	
FILE LOCATION	
DOCUMENT DATE	1996/1997
DOCUMENT TYPE	Regulation
TITLE/SUBJECT	California Code of Regulations, Title 22, Division 4.5, Volume 29A
AUTHOR/AFFILIATION	State of California
RECIPIENT/AFFILIATION	
FILE LOCATION	
DOCUMENT DATE	August 1, 1996
DOCUMENT TYPE	Table
TITLE/SUBJECT	Preliminary Remediation Goals (PRGs) 1996
AUTHOR/AFFILIATION	Stanford Smucker/U.S. Environmental Protection Agency
RECIPIENT/AFFILIATION	
FILE LOCATION	
DOCUMENT DATE	
DOCUMENT TYPE	
TITLE/SUBJECT	
AUTHOR/AFFILIATION	
RECIPIENT/AFFILIATION	
FILE LOCATION	



Cal/EPA

July 8, 1997

Department of
Toxic Substances
Control

700 Heinz Avenue
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94710-2737

Mr. Nino Cerruti
Caltrans
P.O. Box 23660
Oakland, California 94623-0660

Pete Wilson
Governor

James M. Strock
Secretary for
Environmental
Protection

Dear Mr. Cerruti:

**PHOENIX 800 SITE, 800 CEDAR STREET, OAKLAND, CALIFORNIA
SITE REMEDIATION COMPLETION REPORT, CYPRESS
RECONSTRUCTION PROJECT**

DTSC staff have completed review of Caltrans' responses to our January 9, 1997 comments to the Site Remediation Completion Report, prepared by OGISO Environmental, dated June 10, 1997. The report was received by DTSC on June 19, 1997. Further comments are outlined below.

1. Page 7, last paragraph: The text references figure 2 as the Caltrans project plan for the area. Figure 2 is the site location map, not a project plan. Please revise the text or add an additional figure.
2. Page 12, Section 5.3:
 - a. The text states that 92 loads of RCRA soil was transported to the Chem Waste Landfill facility. Table 16 indicates that 88 loads were sent to Chem Waste, while Volume II, Appendix B contains 89 manifests to Chem Waste. This discrepancy needs to be clarified.
 - b. A partial check of DTSC's manifest data based indicates that manifests were submitted to DTSC (e.g. manifest number 92720745, 95588101, 95588019, etc) using the site EPA identification number, but were not included in Appendix B. Please explain why all manifests were not included.
 - c. DTSC's manifest data base also shows that numerous volumes of soil were transported from the site to the Laidlaw facility on January 22, 1996 and throughout May 1996. Please explain what was manifested from the site and if the soil was related to remediation activities. In addition, the EPA identification number CAP600929029 is a federal provisional number that was issued on September 21, 1995 and was valid for 90 days only.



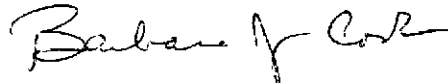
Mr. Nino Cerruti
July 8, 1997
Page Two

3. Page 13, Section 5.4, first paragraph: There is no Table 18A as stated in the text. Revise the text or add an additional table.
4. Page 17, Section 5.5, Settling Sump Removal: There is no manifest(s) in Appendix B dated on or after October 25, 1995 for transportation of RCRA contaminated soil to Chem Waste as stated in the text. Please submit the manifest(s).
5. Page 29, Section 6.3: Appendix B does not contain any manifests dated November 8, 1995 for the transportation of RCRA contaminated soil from the Gen 1 Stoc Stockpile. Please submit the manifests.
6. Page 32, Section 6.5, Sump Stockpile: There are no manifests dated November 15, 1995 for transportation of RCRA contaminated soil to the Chem Waste Landfill as stated in the text. Please submit the manifests.
7. Page 41, Section 8, Risk Assessment: The calculations contained in this section and presented on Table 19 are inaccurate. This section calculates residual cancer and non-cancer risks for compounds whose remediation goals were based on background values, mixtures or for lead. This section should be revised to indicate whether the site-wide average values exceeded or were less than the remediation goals. DTSC suggests that Table 19 be renamed "Comparison of Cleanup Goals to Site-wide Concentrations", and the columns related to risk calculation removed and replaced with "exceeds remediation goal".
8. Table 2: No PRG is provided. Delete footnote.
9. Table 16, Laidlaw Totals: The following discrepancies exist between the manifests contained in Appendix B and Table 16:
 - o 11/7/95 - Table 16 lists 20 loads - Appendix B contains 22 manifests dated 11/7/95.
 - o 11/15/95 - Table 16 lists 21 loads - Appendix B contains 25 manifests dated 11/15/95.
 - o 11/17/95 - Table 16 lists 18 loads - Appendix B contains 15 manifests that were accepted by Laidlaw on 11/17/95.

Mr. Nino Cerruti
July 8, 1997
Page Three

If you have any questions regarding this letter, please contact Lynn Nakashima at (510) 540-3839.

Sincerely,



Barbara J. Cook, P.E., Chief
Northern California - Coastal
Cleanup Operations Branch

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

Ms. Susan Hugo
Alameda County Health Agency
Department of Environmental Health
1131 Harbor Bay Parkway
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Mr. Christopher Wilson
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Ms. Kathleen Leiga
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Mr. Nino Cerruti
CALTRANS
P.O. Box 23660
Oakland, California 94623-0660

June 6, 1997



Pete Wilson
Governor

James M. Strock
Secretary for
Environmental
Protection

Dear Mr. Cerruti:

**PHOENIX 766 SITE, AREAS 'R' AND 'S', OAKLAND, CALIFORNIA
SITE REMEDIATION COMPLETION REPORT**

DTSC staff have reviewed the revised Site Remediation Completion Report dated March 13, 1997 and received on April 25, 1997. The Report indicates that Mr. Hamid Moshtaghi was the OGISO Environmental Inspector for work at this Site. However, a health and safety certificate was not provided for him. DTSC must receive documentation verifying that Mr. Moshtaghi met the training requirements specified in the Health and Safety Plan for being onsite in order to approve this report.

If you have any questions, please contact Lynn Nakashima at
(510) 540-3839.

Sincerely,

Barbara J. Cook, P.E., Chief
Northern California - Coastal Cleanup
Operations Branch

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



Mr. Nino Cerruti
June 6, 1997
Page Two

cc: Ms. Susan Hugo
Alameda County Health Agency
Department of Environmental Health
1131 Harbor Bay Parkway
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Mr. Christopher Wilson
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Mr. Nino Cerruti
Caltrans
P.O. Box 23660
Oakland, California 94623-0660

Dear Mr. Cerruti:

**BASELINE RISK ASSESSMENT, PROPOSED THIRD STREET PARK,
CYPRESS RECONSTRUCTION PROJECT, OAKLAND**

The Department of Toxic Substances Control (DTSC) received the revised Risk Assessment Report, dated February 1997, prepared by Tetra Tech, Inc. on behalf of Caltrans. The report was revised based on comments contained in a letter dated February 3, 1997 from DTSC. DTSC has reviewed the changes and found them to adequately address our concerns; therefore, the document is approved. Caltrans should next submit a draft remediation document (Removal Action Workplan or Remediation Action Plan) for the Third Street Park for DTSC's review. If you have any questions regarding this letter, please contact Lynn Nakashima at (510) 540-3839.

Sincerely,

Barbara J. Cook, P.E., Chief
Northern California -
Coastal Cleanup Operations Branch

cc: Mr. Sum Arigala
Regional Water Quality Control Board
2101 Webster Street
Oakland, California 94612

Ms. Susan Hugo
Alameda County Health Agency
Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502

ENVIRONMENTAL
PROTECTION

March 3, 1997 FEB 32 PM 1:52



Pete Wilson
Governor

James M. Strook
Secretary for
Environmental
Protection



Mr. Nino Cerruti
March 3, 1997
Page Two

cc: Mr. Joel Howie
Caltrans
Environmental Engineering
P.O. Box 23660
Oakland, California 94623-0660

Ms. Kathleen Liega
Caltrans
Cypress Construction Office
1545 Willow Street
Oakland, California 94607



January 9, 1997



Cal/EPA

Department of
Toxic Substances
Control

700 Heinz Avenue,
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94710-2737

Mr. Nino Cerruti
CALTRANS
P.O. Box 23660
Oakland, California 94623-0660

Dear Mr. Cerruti:

Pete Wilson
Governor

James M. Strock
Secretary for
Environmental
Protection

**PHOENIX 766 SITE, AREAS 'R' AND 'S', OAKLAND, CALIFORNIA
SITE REMEDIATION COMPLETION REPORT**

DTSC staff have reviewed Caltrans' responses to our August 9, 1996 comments. As Caltrans has indicated that the Site was overexcavated to 15 feet below the ground surface (bgs) and covered with four feet of reinforced concrete following site remediation activities, and a slurry wall was installed to minimize groundwater movement into the depressed area, DTSC has determined that the Site has been adequately remediated. The revised pages should be incorporated into the report, as modified by the comments below, and a final report submitted to DTSC.

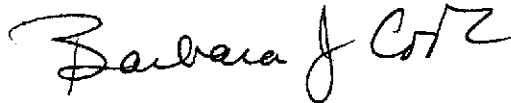
1. Page 12, Section 4.5, Paragraph 2, sentence 1. Approximately 400 tons of soil were excavated (approximately 350 cubic yards), according to the documents provided in the Appendices. Please correct this discrepancy here and elsewhere in the text.
2. The OSHA certificates (see reference on page 16) were not submitted and must be included in the final report.
3. Pages 17 and 18, Section 5.4. Air monitoring was also required to ensure that contaminants did not migrate offsite above acceptable levels. Although workers wore half-face respirators, we were also concerned with the residential homes located directly across from the Site. Therefore, this discussion should be revised.
4. For future reference, all changes to approved RDIP must be reviewed and approved by DTSC prior to implementation. "Time constraints" is not an

Mr. Nino Cerruti
January 9, 1997
Page Two

acceptable rationale, especially when DTSC staff are available. It documents a lack of planning and foresight on the part of Caltrans and their consultants. All changes to the RDIP should be documented in the first draft of the completion report.

If you have any questions, please contact Lynn Nakashima at (510) 540-3839.

Sincerely,



Barbara J. Cook, P.E., Chief
Northern California - Coastal
Cleanup Operations Branch

cc: Mr. Sum Arigala
Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

Ms. Susan Hugo
Alameda County Health Agency
Department of Environmental Health
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Alameda, California 94502

Mr. Joel Howie
CALTRANS
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P.O. Box 23660
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Ms. Kathleen Leiga
CALTRANS
Cypress Construction Office
1545 Willow Street
Oakland, California 94607



January 9, 1997

Cal/EPA

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Mr. Nino Cerruti
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Pete Wilson
Governor

James M. Strock
Secretary for
Environmental
Protection

Dear Mr. Cerruti:

PHOENIX 800 SITE, 800 CEDAR STREET, OAKLAND, CALIFORNIA
SITE REMEDIATION COMPLETION REPORT, CYPRESS RECONSTRUCTION
PROJECT

DTSC staff have completed review of Caltrans' responses to our August 9, 1996 comments. Further comments are outlined below.

1. Figure 3C, the as-built plan for the southwest corner of Phoenix 800 and the stockpiles, was not submitted.
2. Please submit a copy of the variance log, as specified on Page 44, Section 9.10, of the RAW.
3. Pages 13 and 14, First Solvent UST. The Alameda County Health Department required a manifest for liquid removed from the pit. Please clarify whether liquid was detected in the pit and if so, what actions were taken to address it. Please also describe the dimensions of the excavation, including the depth.
4. Page 13, Paragraph 2. Please clarify whether soil samples of the greenish soil at the boundary of the Site were collected and analyzed.
5. Page 15, Second Solvent UST. Please clarify whether a soil sample was collected at the base of the excavation to verify that remediation goals were met.
6. Page 17, Section 5.7, Paragraph 2. Please specify the rationale for not testing the samples collected on October 25, 1995 for TPH-D, arsenic and thallium as required in the Site Remediation Workplan.

Mr. Nino Cerruti
January 9, 1997
Page Three

10. Section 5.10. Although this section was not submitted, based on the discussion provided in the response, confirmation samples should have been collected and analyzed at the groundwater table. No further soil excavation would be required, but this would document whether remediation goals were achieved. However, the area was subsequently excavated to a depth of 15 feet.
11. Page 25, Section 6.2. Please indicate the source of the soil in Stockpile "Solv 2 Stoc" in the previous discussion in Section 5.
12. Section 6.0. All deviations from the approved procedures in the Removal Action Workplan should have been discussed. This should include the change in the height of the stockpiles. The Site Remediation Workplan, page 19, states that soil stockpiles shall not exceed 10 feet in height. As Figure 3 indicates that the average height of three of the stockpiles was above 10 feet, this should be discussed as a deviation from the approved RAW procedures in Section 9.1. Please also clarify if the stockpile area was considered part of the exclusion zone, as indicated in the Site Remediation Workplan. If so, please verify that everyone in this zone used Level C PPE.
13. Based on the discussion in Section 6.2, it also appears that soil remained onsite in excess of the two week period specified in Caltrans' response to DTSC's previous comments. The "Solv 1 Stoc" stockpile was created on October 23, 1995, sampled on October 27, 1995 and moved to the SPTC staging facility and onto rail cars for the ECDC landfill on November 20, 1995. This discrepancy was discovered when spot checking the revisions to the text.
14. As Figure 2 does not indicate any gates or breaks in the fence other than along Pine Street, it is assumed that all access to the Site was through Pine Street. The personnel decontamination station was located adjacent to the Site along Shorey Street at its furthest point from the entrance to the Site. Please include the rationale for the location of the decontamination station.

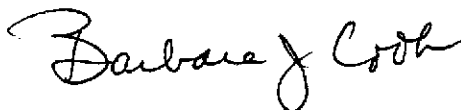
Mr. Nino Cerruti
January 9, 1997
Page Four

15. Pages 34 through 36, Section 7.5. Please discuss any additional air monitoring activities or personal protective equipment utilized to address the two solvent USTs and/or settling tanks discovered.
16. Page 36, Paragraph 2. Please correct the discrepancy between the dates discussed in this paragraph and the dates provided throughout the text and daily logs for the specified activities.
17. Page 39, Section 9.1. This section should also mention that sampling equipment was not decontaminated as per the approved procedures. All other deviations from approved procedures should be included in this section.

Caltrans has reported that this portion of the Site was surrounded by a cut-off wall extending to the bay muds (60 feet below the ground surface), dewatered to approximately 25 feet bgs, excavated to a minimum of 15 feet bgs, incorporated into the highway construction project, and overlain by several feet of reinforced concrete. Therefore, if Caltrans satisfactorily addresses the abovementioned comments and submits a copy of the Alameda County Health Department letter approving the removal and cleanup for the four underground tanks, we can determine that the soil in this portion of the Site has been adequately remediated. As specified in the completion report, groundwater will be addressed during the investigation and remediation of the remainder of the Site.

If you have any questions, please contact Lynn Nakashima at (510) 540-3839.

Sincerely,



Barbara J. Cook, P.E., Chief
Northern California - Coastal
Cleanup Operations Branch

cc: See next page

Mr. Nino Cerruti
January 9, 1997
Page Five

cc: Mr. Sum Arigala
San Francisco Bay Region
Regional Water Quality Control Board
2101 Webster Street, Suite 500
Oakland, California 94612

Ms. Susan Hugo
Alameda County Health Agency
Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502

Mr. Joel Howie
CALTRANS
Environmental Engineering
P.O. Box 23660
Oakland, California 94623-0660

Ms. Kathleen Leiga
CALTRANS
Cypress Construction Office
1545 Willow Street
Oakland, California 94607



January 9, 1997



Cal/EPA

Department of
Toxic Substances
Control

700 Heinz Avenue,
Suite 200
Berkeley, CA
94710-2737

Mr. Nino Cerruti
CALTRANS
P.O. Box 23660
Oakland, California 94623-0660

Dear Mr. Cerruti:

**PHOENIX IRON WORKS, 524 CEDAR STREET, OAKLAND, CALIFORNIA
SITE REMEDIATION COMPLETION REPORT**

DTSC staff have completed review of the responses to our August 27, 1996 comments. Our comments are outlined below.

GENERAL COMMENTS

1. A notice should be recorded in Caltrans right-of-way files for this property as Caltrans cannot document attainment of PRGs in all areas of the Site. Chemicals may be present at levels above PRGs, but should not pose a public health threat at the Site as these chemicals would be located underneath the freeway.
2. As previous data indicates that the groundwater underlying the Site might be impacted by chemicals found in Site soil, groundwater monitoring wells must be installed in the Site vicinity to monitor the groundwater, unless sufficient rationale is provided to document that this is not required. Therefore, this rationale or a workplan for installing groundwater monitoring wells should be submitted.

SPECIFIC COMMENTS

1. Section 3.6, last paragraph.
 - o First sentence. Please revise this sentence, as the Site was not remediated to the top of groundwater in all areas. The sentence implies that groundwater was encountered anywhere between 2 and 6.5 feet below ground surface.

Pete Wilson
Governor

James M. Strock
Secretary for
Environmental
Protection

Mr. Nino Cerruti
January 9, 1997
Page Two

- o Sentence 3. This sentence states that three areas remediated to groundwater were not resampled due to the interference of groundwater and inaccessibility of the Site. If these areas were able to be excavated, a sample could have been collected from the bucket of the excavator. Therefore, this sentence should be revised.
- 2. Pages 24 through 26. The discussion of the excavation does not match the final excavation depths indicated on Figure 4b. Please revise the text or the figure, as appropriate. In addition, please review the scale provided on Figure 4b. Sidewall samples locations do not appear to be 30 feet apart, but almost 60 feet.
- 3. Page 26, first paragraph. The discussion regarding the soil movement to the SPTC staging facility is not consistent with the description provided in the daily field notes in Appendix D. Appendix D states that the trucks were tarped and manifested, but Section 4.5 states that the trucks were not tarped nor manifested. Please correct the appropriate section.
- 4. Page 27, Section 4.8. It may be useful to discuss the difference in groundwater elevations between what was anticipated in the RDIP and what was encountered in the field.
- 5. Page 27, Section 4.8. Please specify what was done with water collected in the excavations.
- 6. Page 27, Section 4.8. Please specify in which excavations groundwater was encountered versus rainwater and what was done when it was encountered.
- 7. Please verify the accuracy of the sampling locations indicated on Figure 4A, as Appendix D, 5/11/96 Daily Work Log notes that sampling locations were not marked and expresses concern about the exact location where each sample was collected from. This would impact samples UX1 through UX8, UX9S through UX12S, UV1S through UV6.

Mr. Nino Cerruti
January 9, 1997
Page Three

8. Page 30, Section 5.2. The disposal of the personnel rinsate should be discussed as a deviation from the approved Health and Safety Plan. The rationale for this change should be specified and any effect it may have had should be discussed.
9. Page 33, Section 6, Paragraph 2, sentence 2. The RDIP specifies that one sample will be collected per 20 feet of excavation sidewall at the midpoint between the top and the bottom of the excavation. This is not equivalent to every 400 square feet as stated in this sentence. Please revise this sentence.
10. Page 35, Paragraph 2, last sentence. Please provide the documentation to demonstrate that there is a tidal influence on groundwater underlying this Site or revise this sentence.
11. Page 35, Paragraph 3. Sidewall samples UX9S, UX10S, UX11S, UX12S, UV1S, UV2S, 2UV8S and 2UV5S were collected prior to rain falling. Therefore, please clarify why in these areas, samples were not collected every 20 feet along the sidewall.
12. Page 36, Section 6.1, first paragraph. The modification of the thallium remediation goal was a revision, not a variance. Therefore, the discussion in this Section and in Section 8.1 should be revised. The revision of the thallium remediation goal should also be discussed in Section 3.5. Table 1 should be revised to include the revised goal, together with a footnote designating that this is a revised goal.
13. Page 37, Section 6.3. "Interference (contamination) by groundwater" is not a valid reason for not collecting confirmation soil samples, when the concentrations in groundwater are well below the soil remediation goals.
14. Page 40, Section 8.1, Item 5. Please verify that the sidewall confirmation samples were collected at 30 foot intervals. This does not appear consistent with the scale provided on the figures.

Mr. Nino Cerruti
January 9, 1997
Page Four

15. As confirmation sampling points were not overlain with the final excavation depths, it was difficult to determine whether sidewall samples were collected from Area V along the western and northern boundaries or along the interior boundaries of the excavations in areas U and UV. If these samples were not collected, this should be specified in Section 8.1 as another deviation from the approved RDIP.
16. Section 8 - Site Remediation Completion. Site closure cannot be recorded, as groundwater underlying the Site has not been addressed.

If you have any questions, please contact Lynn Nakashima at (510) 540-3839.

Sincerely,



Barbara J. Cook, P.E., Chief
Northern California - Coastal
Cleanup Operations Branch

cc: Mr. Sum Arigala
Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

Ms. Susan Hugo
Alameda County Health Agency
Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502

Mr. Nino Cerruti
January 9, 1997
Page Five

cc: Mr. Joel Howie
CALTRANS
Environmental Engineering
P.O. Box 23660
Oakland, California 94623-0660

Ms. Kathleen Leiga
CALTRANS
Cypress Construction Office
1545 Willow Street
Oakland, California 94607

Hazardous Material's Deposit Refund System

Edit Save Add new Delete Reset Previous Next Quit

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Site #: 3447      StID#: 612      LookUp-PAYOR #:886      Sitelst: 3447
Site Name: Phoenix Iron Works      OGISO
Address: 888 Cedar St      Address: 150 West Iowa Ave., Ste. 200
City: Oakland      Zip: 94607      City: Sunnyvale      CA Zip: 94086
Contact: Victor Salazar      Contact:
Phone #: 286-1366      Phone #: 408-245-3870
Code:
Unauthorized Release? (y/n)      Receipt #'s: 759447
Date Site Complete:      Type List:
Payor Links: 886-a      R

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PROJ#	DATE:	RCPT#:	CHECK #:	\$AMOUNT	Type: R I M	#TANKS	DATE DEP COMPLETE	INSP
3447A	07/07/95	759447	1597	894.00				SH

[ESC] Done [F2] Clear field [Shift-F2] Clear to end [Shift-F10] More
 Form: dep Table: SITES Field: Site# Page: 1

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Facility Name / Owner	Facility Address / Mail Address	# of Tanks
Cal Trans Environmental Eng. Cal Trans Cont: W Russell Phone: Fac: 653-6871 STID# Day: 465-9900 612 Nite: Emerg.# Emerg.#	888 Cedar St Oakland, CA 94607 P. O. Box 23660 Oakland, CA 94623 SSD: 10/07/88 SAD: FPerm Old	St#59789 S:R #Tanks: 0 BILLING: DateSent- 06/16/88 Acct#T91039 1 UST Paid.
PermHist: REMOVED 3 usts (SH)--2 on 10/20/95 & 1 on 10/23/95 LIn:09/08/92Adj sent 9/12/95 to change busname/billing address		St# S: #Tanks: BILLING: DateSent- Acct#
Cont: Phone: Fac: STID# Day: Nite: Emerg.# Emerg.#	SSD: SAD: FPerm Old	
PermHist: LIn:		

STATUS: C=Current F=awaiting appl. B=ready to Bill R=tanks Removed E=Exempt
 [ESC] Done [F2] Clear field [Shift-F2] Clear to end [Shift-F10] More
 Form: ugtlist Table: UGTlist Field: BusName Page: 1

5/13/96

Susan,
 This is the site I'm talking about. If any questions,
 please see me.

Norma !!

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

REGION 2
700 HEINZ AVE., SUITE 200
BERKELEY, CA 94710-2737
(510) 540-3724



April 1, 1996

Mr. Ace Forsen, Chief
Project Development/Benicia-Martinez Bridge
Caltrans
P.O. Box 23660
Oakland, California 94623-0660

Dear Mr. Forsen:

**REVISED REMEDIAL DESIGN AND IMPLEMENTATION PLAN (RDIP),
PHOENIX 524 SITE, 524 CEDAR STREET, CYPRESS RECONSTRUCTION
PROJECT, OAKLAND**

The Department of Toxic Substances Control (DTSC) received a letter, dated March 29, 1996, prepared by OGISO Environmental, Inc. on behalf of Caltrans in response to DTSC's comments contained in a letter dated March 20, 1996. DTSC has reviewed the letter and found that all earlier comments have been adequately responded to and therefore, the RDIP for the Phoenix 524 site is approved. Please submit a final copy of the RDIP that includes all of the final changes to this office at the above address.

If you have any questions regarding this letter, please contact Lynn Nakashima at (510) 540-3839.

Sincerely,

A handwritten signature in cursive script that reads "Barbara J. Cook".

Barbara J. Cook, P.E., Chief
Site Mitigation Branch

cc: See next page

Mr. Ace Forsen
April 1, 1996
Page Two

cc: Mr. Sum Arigala
Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

Ms. Susan Hugo
Alameda County Health Agency
Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502

Mr. Joel Howie
Caltrans
Environmental Engineering
P.O. Box 23660
Oakland, California 94623-0660

Ms. Kathleen Leiga
Caltrans
Cypress Construction Office
1545 Willow Street
Oakland, California 94607

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

REGION 2
700 HEINZ AVE., SUITE 200
BERKELEY, CA 94710-2737
(510) 540-3724



March 20, 1996

Mr. Ace Forsen, Chief
Project Development/Benicia-Martinez Bridge
Caltrans
P.O. Box 23660
Oakland, California 94623-0660

Dear Mr. Forsen:

**REVISED REMEDIAL DESIGN AND IMPLEMENTATION PLAN (RDIP),
PHOENIX 524 SITE, 524 CEDAR STREET, CYPRESS RECONSTRUCTION
PROJECT, OAKLAND**

The Department of Toxic Substances Control (DTSC) received the revised RDIP, dated March 11, 1996, prepared by OGISO Environmental, Inc. on behalf of Caltrans. The plan was revised in response to DTSC's comments contained in a letter dated February 21, 1996, and was substantially revised based on additional sampling conducted by Caltrans. The revised plan addressed all comments contained in DTSC's letter; however, due to the change in the scope of the document, DTSC has the following additional comments:

General Comment:

1. The document should be proof read to check for typographical errors. The correct acronym for parts per million is ppm not p.m.

Specific Comments:

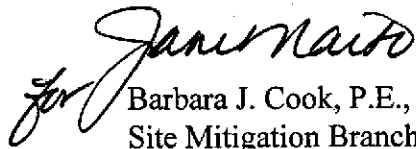
1. Page 2, Introduction, 2nd paragraph: The rationale for using the background concentration of arsenic found in Section 1.4 should be summarized in this section.
2. Page 5, Section 1.3, Description of Contaminants, 2nd paragraph: The last sentence of this paragraph states that thallium above the Preliminary Remediation Goal (PRG) was found outside the planned excavation area. However, it appears from Figure 4 that this area is within the excavation area. The text should be revised to agree with the figure.
3. Page 6, Area U: Figure 4 and Table 5 need to be revised to indicate that a portion of the area will be excavated to 4.5 feet and will be disposed as RCRA waste.

Mr. Ace Forsen
March 20, 1996
Page Two

4. Page 15, Section 2.2, Project Personnel: Please submit a resume for both Dr. William Bosan and Dr. Mansour Sepher showing their qualifications as a Certified Industrial Hygienist and toxicologist, respectfully.
5. Page 20, Section 3.1, Delineation of Contaminated Soils: Include how RCRA and non-RCRA areas will be designated (e.g. different color flags).
6. Page 21, Section 3.2, Contamination Reduction Zone: State how the CRZ and Support Zones will be delineated along Cedar Street. While excavation activities are ongoing, will the area along Cedar Street be closed to pedestrian traffic?
7. Page 22, Section 3.3, Road Construction and Staging Area Site Preparation: Visqueen or an equivalent barrier must be placed in the truck loading area in the CRZ to prevent the spread of contamination from the exclusion zone. In addition, the loading area must be cleaned at the end of each work day to prevent the spread of contaminants.
8. Page 30, Section 4.5, Loading, Weighing and Manifesting, 2nd paragraph: Include that the tarp used to cover stockpiles at the Southern Pacific Company loading facility will be loaded into the rail cars with the soil for disposal.
9. Page 44, Section 8.1, Site Restoration: This section states that the excavated areas will not be backfilled; however, some areas will be excavated down to six feet below ground surface. Explain why these areas will not be backfilled. In addition, until these areas are backfilled, the fencing must remain in place to protect the public.

If you have any questions regarding this letter, please contact Lynn Nakashima at (510) 540-3839.

Sincerely,


Barbara J. Cook, P.E., Chief
Site Mitigation Branch

cc: See next page

Mr. Ace Forsen
March 20, 1996
Page Three

cc: Mr. Sum Arigala
Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

Ms. Susan Hugo
Alameda County Health Agency
Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502

Mr. Joel Howie
Caltrans
Environmental Engineering
P.O. Box 23660
Oakland, California 94623-0660

Ms. Kathleen Leiga
Caltrans
Cypress Construction Office
1545 Willow Street
Oakland, California 94607

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

REGION 2
700 HEINZ AVE., SUITE 200
BERKELEY, CA 94710-2737
(510) 540-3724



March 18, 1996

Mr. Ace Forsen, Chief
Project Development/Benicia-Martinez Bridge
Caltrans
P.O. Box 23660
Oakland, California 94623-0660

Dear Mr. Forsen:

**DRAFT SITE REMEDIATION COMPLETION REPORT, PHOENIX 766, AREAS 'R'
AND 'S', CYPRESS FREEWAY RECONSTRUCTION PROJECT, OAKLAND**

On February 23, 1996, the Department of Toxic Substances Control (DTSC) received the draft Site Remediation Completion Report, dated December 19, 1995, for the Phoenix 766 Site located at 766 Cedar Street, Oakland. The report was prepared by OGISO Environmental on behalf of Caltrans and describes the activities that occurred during implementation of the November 1, 1995 Remedial Design and Implementation Plan also prepared by OGISO Environmental. DTSC reviewed the report and has the following comments:

General Comments:

1. The approved Remedial Design and Implementation Plan (RDIP) outlines a number of records, logs, and summaries that were to be kept during the remediation activities. Copies of all documents required to be kept as specified by the RDIP should be included in the Completion Report. Examples include field audit report, daily observation report, field logs, photographs, daily log summary, site mitigation report, etc.
2. Provide all air monitoring data specified in Section 4.6, of the RDIP.

Specific Comments:

1. Figure 1: Indicate the location of the Site on the map.
2. Page 11, Section 4.4, Site Preparation:
 - a. Section 3.1 of the RDIP states that any debris would be removed and disposed prior to

delineation of the excavation boundaries. State in this section whether any debris was removed, and where and how it was disposed. Any manifests or bill of lading should also be included.

b. Section 4.5 of the RDIP states that a "layer of clean aggregate base will be placed on site access roads to prevent truck tires from contacting contaminated soils." Include in this section whether the aggregate base was placed, or if not, explain why.

c. Include whether warning signs were posted on the fencing. Photographs of the signs should be included.

3. Page 12, Section 4.5, Excavation and Loading: As specified in section 4.5 of the RDIP, the site project manager was to maintain a record of the truck number, classification, volume, and tonnage of soil, decontamination, time of departure from the site, and time of arrival back to the site. This information should be summarized in the text and a copy of the records submitted with the report.
4. Page 13, Section 4.7, Site Stabilization: Describe in this section any additional activities that were taken to stabilize the site, e.g. removal of drums containing decontamination rinse waters and used personal protective clothing, etc.
5. Page 14, Section 5.0, Health and Safety:
 - a. Section 5.1: All personnel working on site must be in compliance with CCR, Title 8, Section 5192 et seq. as well as 29 CFR.
 - b. Section 5.4: This section contains conflicting information regarding air monitoring. Please clarify whether onsite air monitoring was conducted according to the protocols established in the RDIP. The data presented in Appendix A is from soil stockpile monitoring at the Phoenix 800 site and is not applicable to this site.
6. Page 17, Section 6.2, Quality Assurance/Quality Control:
 - a. Page 21 of the RDIP states that one QA/QC duplicate will be obtained for each batch of 10 samples. Indicate in the text which samples are the QA/QC duplicates.
 - b. An equipment rinse blank was to be collected and analyzed per Appendix B-II of the RDIP. The result of that analysis needs to be included in this section.
 - c. This section needs to include all of the components of the QA report as described in Appendix B-II, Quality Assurance Report, RDIP.
7. Page 18, Section 7, Risk Assessment: The minimum concentration of chemicals listed in Table 4A should not be 0, but rather one half the detection limit should be used as was stated in the text.
8. Page 19, Section 8.1: Page 23 of the RDIP states that soils will be disposed at Roosevelt Regional landfill in Roosevelt, Washington or Chemical Waste Management in Kettleman City, California. This report states that soil was transported to ECDC in Utah. Include this

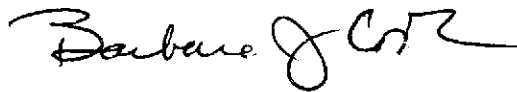
Mr. Ace Forsen
March 18, 1996
Page Three

deviation in Section 8.1 and explain why this change was made.

9. Appendix B: The hazardous waste manifests provided contain the signatures of the generator and transporter. These copies should be replaced by the manifests that were signed by the disposal facility.

If you have any questions regarding this letter, please contact Lynn Nakashima at (510) 540-3839.

Sincerely,



Barbara J. Cook, P.E., Chief
Site Mitigation Branch

cc: Mr. Sum Arigala
Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

Ms. Susan Hugo
Alameda County Health Agency
Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502

Mr. Joel Howie
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Environmental Engineering
P.O. Box 23660
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Ms. Kathleen Leiga
Caltrans
Cypress Construction Office
1545 Willow Street
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DEPARTMENT OF TOXIC SUBSTANCES CONTROL

REGION 2
700 HEINZ AVE., SUITE 200
BERKELEY, CA 94710-2737
(510) 540-3724



February 21, 1996

Mr. Ace Forsen, Chief
Project Development/Benicia-Martinez Bridge
Caltrans
P.O. Box 23660
Oakland, California 94623-0660

Dear Mr. Forsen:

**COMMENTS TO REVISED REMEDIAL DESIGN AND IMPLEMENTATION PLAN
(RDIP), PHOENIX 524 SITE, 524 CEDAR STREET, CYPRESS RECONSTRUCTION
PROJECT, OAKLAND**

The Department of Toxic Substances Control (DTSC) received the revised RDIP for the Phoenix 524 Site, dated February 13, 1996, prepared by OGISO Environmental on behalf of Caltrans. The plan was revised in response to comments provided by DTSC in a letter dated November 29, 1995. DTSC reviewed the revised plan and has the following comments:

General Comment:

1. The plan still needs to explain why the areas found to contain levels of arsenic and thallium above the cleanup goals will not be remediated.

Specific Comments:

1. Page 1, Introduction: Include in this section that the remediation will occur in two phases and explain the scope of both phases.
2. Page 3, Section 1.1, Location and Distance to Nearby Populations, third paragraph: Add to the beginning of the first sentence, "For construction purposes..."
3. Page 4, first paragraph, last sentence: Revise the sentence to "The revised map ... to this RDIP **for review and approval** prior to ..."
4. Page 7, first paragraph, last sentence: Add the following to the end of the sentence "... and in consultation with DTSC."
5. Page 7, last paragraph: The discharge limits listed are for the Basin Plan Storm Drain

Discharge limits (from Table 5) and not from the Alternative Storm Drain Discharge limits as stated in the text. Please clarify and revise this paragraph.

6. Page 11, Section 1.4, Preliminary Remedial Goals:
 - a. Revise the PRG for lead to 840 mg/kg.
 - b. Caltrans concluded, and DTSC concurred, in study regarding background concentrations of inorganic arsenic at the Cypress Freeway Corridor that the background level of inorganic arsenic was 19 mg/kg. This study, however, did not change the PRG for inorganic arsenic. Background concentrations should only be used if it can be documented that there were no previous uses of arsenic at the site. The results of the Caltrans study should be cited, along with a brief statement regarding previous chemical usage to justify using background levels.
7. Page 25, 5th Bullet: Because some parts of the excavation will be 7.5 feet below ground surface, include at what depths side wall samples will be collected.
8. Page 33, Section 5.3, Local Streets and Road Use: An alternate route to using Broadway Street needs to be proposed.
9. Table.1: Revise the PRG for arsenic to 4.6 mg/kg.
10. Table 5: Indicate the units for the discharge limits.
11. Figure 2: The site boundaries were not indicated on this map.
12. Appendix B: The Table 1 and Figure 2 are missing. DTSC's original comment requested that Table 1 be revised.
13. Appendix E, page two: "Wilfred's Wrecking Site" was not deleted and replaced with "Phoenix 524 Site."

If you have any questions regarding this letter, please contact Lynn Nakashima at (510) 540-3839.

Sincerely,



Barbara J. Cook, P.E., Chief
Site Mitigation Branch

cc: See next page

Mr. Ace Forsen
February 21, 1996
Page Three

cc: Mr. Sum Arigala
Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

Ms. Susan Hugo
Alameda County Health Agency
Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502

Mr. Joel Howie
Caltrans
Environmental Engineering
P.O. Box 23660
Oakland, California 94623-0660

Ms. Kathleen Leiga
Caltrans
Cypress Construction Office
1545 Willow Street
Oakland, California 94607

SH

WATER RESOURCES CONTROL BOARD
DIVISION OF WATER QUALITY - UST CLEANUP PROGRAM
SITE SPECIFIC QUARTERLY REPORT
FOR QUARTER BEGINNING 10/01/95

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 12034
StID : 612
SITE NAME: Phoenix Iron Works DATE REPORTED : 11/01/93
ADDRESS : 888 Cedar St DATE CONFIRMED:
CITY/ZIP : Oakland 94607 MULTIPLE RPs : N

SITE STATUS

CASE TYPE: S CONTRACT STATUS: PRIOR.CODE: EMERGENCY RESP:
RP SEARCH: S DATE COMPLETED: 07/24/95
PRELIMINARY ASMNT: DATE UNDERWAY: DATE COMPLETED:
REM INVESTIGATION: DATE UNDERWAY: DATE COMPLETED:
REMEDIAL ACTION: DATE UNDERWAY: DATE COMPLETED:
POST REMED ACT MON: DATE UNDERWAY: DATE COMPLETED:
ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 07/24/95
LUFT FIELD MANUAL CONSID:
CASE CLOSED: DATE CASE CLOSED:
DATE EXCAVATION STARTED : REMEDIAL ACTIONS TAKEN:

StID: 612

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: Victor Salazar
COMPANY NAME: Caltrans District 4
ADDRESS: 1545 Willow St.
CITY/STATE: Oakland C A 94607

1/8/96
[Signature]

RUN DATE: 03/08/84
PROGRAM NAME: HLM926

STATE OF CALIFORNIA
DEPARTMENT OF HEALTH SERVICES
HAZARDOUS WASTE MANAGEMENT BRANCH
HAZARDOUS WASTE INFORMATION SYSTEM

PAGE: 4

MANIFEST MATCHING REPORT - COUNTY 1 ALAMEDA
TSD COPY MISSING - 60 DAYS AFTER DATE OF SHIPMENT

GENERATOR	TRANSPORTER	TSD - DESIGNATED
EPA ID : CAD004456873	CAD009466392	CAD000060012
NAME : BROCKWAY GLASS COMPANY INC PLANT #1	ERICKSON TRUCKING INC.	IT CORPORATION - BENICIA FACILITY
MAILING : PO BOX 2165 8717 G STREET	ERICKSON TRUCKING INC	4575 PACHECO BLVD
ADDRESS : OAKLAND CA 94621	255 PARK BLVD	MARTINEZ CA 94533
	RICHMOND CA 94801	
CONTACT : JUSTICE	MARK POSSN	
TELEPHONE : (415) 235-1353	(415) 228-5100	

DATE OF SHIPMENT	MANIFEST NUMBER	BATCH DATE NBR
12-28-83	83308435	840214 002
12-28-83	83308436	840214 002
12-29-83	83308438	840214 002

TOTAL MANIFESTS: 3

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

REGION 2
700 HEINZ AVE., SUITE 200
BERKELEY, CA 94710-2737
(510) 540-3724



November 29, 1995

Mr. Ace Forsen, Chief
Project Development/Benicia-Martinez Bridge
Caltrans
P.O. Box 23660
Oakland, California 94623-0660

Dear Mr. Forsen:

**COMMENTS TO REMEDIAL DESIGN AND IMPLEMENTATION PLAN (RDIP),
PHOENIX 524 SITE, 524 CEDAR STREET, CYPRESS RECONSTRUCTION
PROJECT, OAKLAND**

The Department of Toxic Substances Control (DTSC) has received the Remedial Design and Implementation Plan for the Phoenix 524 Site, dated November 17, 1995, prepared by OGISO Environmental on behalf of Caltrans. The plan describes soil excavation and confirmation testing activities to remediate the site. DTSC has reviewed the plan and has the following comments:

General Comments:

1. It is not clear how areas "U" and "V" correspond to the boundaries of the site and sampling locations. Include on Figure 5 (Sampling Location Map) the "U" and "V" areas.
2. It appears that areas "U" and "V" do not include the entire Phoenix 524 Site; however, all soil borings, except SB-3, SB-1 and PP-2, indicate that contaminants exceed the Preliminary Remediation Goals (PRGs) established for the freeway. Provide the rationale for the excavation areas or enlarge the areas to include all locations that exceed the PRGs.

Specific Comments:

1. Page 2, first paragraph, and page 9, Section 1.5, Description of Selected Remedial Alternatives: Explain why groundwater is not anticipated to be encountered at the site during excavation.
2. Page 3, Section 1.1, Location and Distance to Nearby Population: Explain why the site was divided into the areas "U" and "V". Also, specify the location and distance to

industrial and residential areas surrounding the site.

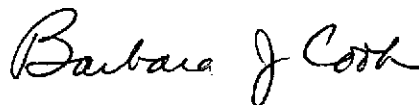
3. Page 14, Task 15, Groundwater Monitoring Wells: Include in this task that if monitoring wells are installed, a monitoring well location and installation workplan will be submitted for DTSC review and approval prior to well installation.
4. Page 17, Section 3.3, Road Construction and Staging Area Site Preparation: Describe the transportation route into the site or reference the appropriate section of the RDIP.
5. Page 18, Section 3.3, first paragraph: The first part of this paragraph states that the loading area for the trucks will be outside of the contamination reduction zone, while the second part states that the trucks will pull up in the contamination reduction zone. The two statements appear to contradict each other. Clarify or revise this paragraph.
6. Page 21, Section 4.1, Excavation of Soil Wastes: The data contained in Appendix A and Figure 5 indicate that the Toxicity Characteristic Leaching Procedure (TCLP) value for lead was exceeded at several locations. Based on the presentation of the data, this soil would be classified as a RCRA waste if excavated and disposed offsite. Because Section 4.1 only discusses excavation of "Cal-hazardous" contaminated soils, this section needs to be expanded to included RCRA wastes.
7. Page 22:
 - a. 4th Bullet: Include that the TCLP test will be conducted if total chemical concentrations exceed 20 times their respective TCLP value.
 - b. Last paragraph: Delete the fourth sentence stating that soil may be stockpiled first. Section 4.3 states that soils may be stockpiled if first approved by Caltrans and then DTSC.
8. Page 23, Section 4.3, Stockpile Management:
 - a. Second Sentence: Delete the phrase, "... for the purpose of re-analysis..."
 - b. Second Bullet: Add that the stockpile area will be bermed with "clean" soil.
 - c. Sixth Bullet: Change the third sentence to, "If concentrations approach BAAQMD nuisance levels, all excavations will be ceased until the release can be contained and the stockpile removed."
 - d. Include that if soil stockpiling is allowed for purposes of re-analysis, a soil stockpile sampling plan will be prepared and submitted for DTSC review and approval prior to the stockpiling of any soil.
9. Page 29, Section 5, Transportation to Landfill: Include a description of the transportation route from the site to the Chemical Waste Management facility in Kettleman City, California.

Mr. Ace Forsen
November 29, 1995
Page Three

10. Figure 2: Indicate the site boundaries on this map.
11. Appendix B-1, Sampling Plan, Soil Sampling Containers and Verification Soil Sampling: The referenced depths of soil excavation are inconsistent within these two sections and the text of the plan. Revise all applicable sections.
12. Appendix B-1, State-Certified Laboratory Analytical Testing: In addition to the Waste Extraction Test, the TCLP test needs to be included if total concentrations exceed 20 times the TCLP value. Soils that exceed the TCLP value would be considered a RCRA waste if excavated and disposed offsite.
13. Appendix B, Table 1, Soil Sample Handling Criteria: Delete antimony from the table and add cadmium.
14. Appendix E, Construction Quality Assurance Plan: Delete "Wilfred's Wrecking Site" from the first and second pages of this appendix and replace with "Phoenix 524 Site".

If you have any questions regarding this letter, please contact Lynn Nakashima at (510) 540-3839.

Sincerely,



Barbara J. Cook, P.E., Chief
Site Mitigation Branch

cc: See next page

Mr. Ace Forsen
November 29, 1995
Page Four

cc: Mr. Sum Arigala
Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

Ms. Susan Hugo
Alameda County Health Agency
Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502

Mr. Joel Howie
Caltrans
Environmental Engineering
P.O. Box 23660
Oakland, California 94623-0660

Ms. Kathleen Leiga
Caltrans
Cypress Construction Office
1545 Willow Street
Oakland, California 94607

CONFIDENTIAL
PROJECT OFFICE
95 NOV 30 PM

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

REGION 2
700 HEINZ AVE., SUITE 200
BERKELEY, CA 94710-2737
(510) 540-3724



November 16, 1995

Mr. Ace Forsen, Chief
Project Development/Benicia-Martinez Bridge
Caltrans
P.O. Box 23660
Oakland, California 94623-0660

Dear Mr. Forsen:

**SECOND REVISED REMEDIAL DESIGN AND IMPLEMENTATION PLAN (RDIP),
B&A AUTO DISMANTLERS, 1823 SHOREY STREET, CYPRESS RECONSTRUCTION
PROJECT, OAKLAND**

The Department of Toxic Substances Control (DTSC) received revisions to the B&A Auto Dismantlers Remedial Design and Implementation Plan prepared by OGISO Environmental on November 14, 1995. The revisions address comments made by DTSC in a letter dated November 9, 1995. After review of the submittal, DTSC approves the plan with the following changes. Air monitoring for petroleum hydrocarbon vapors, as described in Section 4.6 (Dust Control) and Appendix C (Air Monitoring Plan), will be conducted for both site personnel and area monitoring as stated in the approved Site Health and Safety Plan for Cypress Contract "B". The Site Health and Safety Plan states that if photoionization detector (PID) readings detect petroleum hydrocarbon vapors (PHVs), personal monitoring for aromatic hydrocarbons will be conducted by attaching passive dosimeter to workers and later analyzing them for benzene, toluene, ethylbenzene and xylenes. The level of worker personal protective equipment (PPE) will be determined by the Site Safety Office based on air monitoring data (personal and perimeter) and permissible exposure limit values (PELs).

If you have any questions regarding this letter, please contact Lynn Nakashima at (510) 540-3839.

Sincerely,

A handwritten signature in cursive script that reads "Barbara J. Cook".

Barbara J. Cook, P.E., Chief
Site Mitigation Branch

cc: See Next Page

Mr. Ace Forsen
November 16, 1995
Page Two

cc: Mr. Sum Arigala
Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

Ms. Susan Hugo
Alameda County Health Agency
Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502

Mr. Joel Howie
Caltrans
Environmental Engineering
P.O. Box 23660
Oakland, California 94623-0660

Ms. Kathleen Leiga
Caltrans
Cypress Construction Office
1545 Willow Street
Oakland, California 94607

95 NOV 20 PM 2:30
ENVIRONMENTAL
PROTECTION

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

REGION 2
700 HEINZ AVE., SUITE 200
BERKELEY, CA 94710-2737
(510) 540-3724



November 3, 1995

Mr. Ace Forsen, Chief
Project Development/Benicia-Martinez Bridge
Caltrans
P.O. Box 23660
Oakland, California 94623-0660

Dear Mr. Forsen:

**REVISED REMEDIAL DESIGN AND IMPLEMENTATION WORKPLAN (RDIP) AND
ADDENDUM 1, PHOENIX 766 SITE, 766 CEDAR STREET, CONTRACT "B", CYPRESS
RECONSTRUCTION PROJECT, OAKLAND**

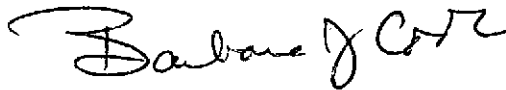
The Department of Toxic Substances Control (DTSC) received the above mentioned workplan dated November 1, 1995 prepared by OGISO Environmental and Addendum 1, dated November 3, 1995 prepared by Caltrans. The RDIP describes the methods that will be used to remediate contaminated soils at the Phoenix 766 site. Since revising the RDIP, Caltrans learned that incorrect data was cited in the plan. The original laboratory data sheet showed that soil sample SB2A did not contain soluble lead levels that exceed the Toxicity Characteristic Leaching Procedure (TCLP) value. Therefore, Caltrans prepared and submitted an addendum stating that soil will no longer be stockpiled on-site for retesting prior to disposal. After review of the revised plan and addendum 1, DTSC approves the plan with the following additions/revisions:

1. No soil will be stockpiled at the site.
2. Page 21, Section 4.2, Verification Soil Sampling and Laboratory Analysis, last bullet: Grids and sidewall areas exceeding PRGs for all chemicals of concern (lead, arsenic, antimony and thallium) will be further excavated until sampling results indicate levels are below PRGs. As written, the plan states that only lead values will be used to determine if further excavation is needed.
3. Provide a revised copy of Table 3 identifying the chemical(s).
4. A copy of this Plan, Addendum and Site Specific Health and Safety plan will be provided to the Emergency Response Contractor prior to the start of work.

Mr. Ace Forsen
November 3, 1995
Page Two

If you have any questions regarding this letter, please contact Lynn Nakashima at (510) 540-3839.

Sincerely,



Barbara J. Cook, P.E., Chief
Site Mitigation Branch

cc: Mr. Sum Arigala
Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

Ms. Susan Hugo
Alameda County Health Agency
Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502

Mr. Joel Howie
Caltrans
Environmental Engineering
P.O. Box 23660
Oakland, California 94623-0660

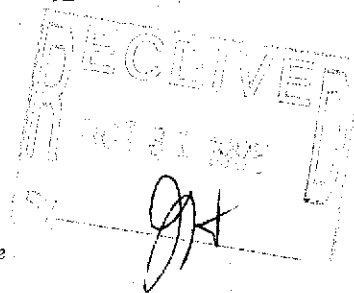
Ms. Kathleen Leiga
Caltrans
Cypress Construction Office
1545 Willow Street
Oakland, California 94607

ENVIRONMENTAL
PROTECTION
NOV - 8 PM 1:26

OGISO



Professionals in Environmental Sustainance



OGISO Environmental

150 W. Iowa Ave., Ste 200
P.O. Box 61025
Sunnyvale, CA 94086
Tel (408) 245-9801/9802
FAX (408) 245-3870

387 17th St., Ste 210
Oakland, CA 94612
Tel (510) 452-0246
FAX (510) 452-5282

October 30, 1995

Alameda County Health Agency
Department of Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502
Attn: Ms. Susan Hugo

Dear Ms. Hugo:

RE: UNDER GROUND STORAGE TANK REMOVAL PERMIT

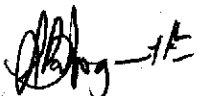
Following our telephone conversation and per your request, I am writing to inform you of an additional underground storage tank accidentally encountered on October 28, 1995 at the Phoenix Iron Works Site located on 888 Cedar Street, Oakland.

The capacity of the underground storage tank is estimated to be 25 - 30 gallons. Analytical results of the liquid content indicate presence of trace amount of Toluene, Acetone, Phenols, Xylenes, Ethylbenzene, and Methyl Ether Ketone. The Health and Safety Plan has been modified to incorporate these new findings.

Please change the number of underground storage tanks to be closed from 3 to 4 in the previous Underground Tank Closure Plan submitted for this site in June 1995. A separate Form B for this tank and site plan showing the approximate location of the new underground storage tank are attached.

The removal operation for this tank is scheduled for Tuesday, October 31, 1995. A closure report will be submitted at a later date.

If you have any questions, please contact me. Thank you.


Ola Balogun, PE

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM	<input type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input type="checkbox"/> 7 PERMANENTLY CLOSED ON SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input checked="" type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY TANK CLOSURE	<input type="checkbox"/> 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: _____

I. TANK DESCRIPTION COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNERS TANK I.D.# <u>Unknown</u>	B. MANUFACTURED BY: <u>Unknown</u>
C. DATE INSTALLED (MO/DAY/YEAR) <u>Unknown</u>	D. TANK CAPACITY IN GALLONS: <u>25-30 gallons</u>

II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.

A. <input type="checkbox"/> 1 MOTOR VEHICLE FUEL <input type="checkbox"/> 2 PETROLEUM <input type="checkbox"/> 3 CHEMICAL PRODUCT	<input type="checkbox"/> 4 OIL <input type="checkbox"/> 80 EMPTY <input type="checkbox"/> 95 UNKNOWN	B. <input type="checkbox"/> 1 PRODUCT <input type="checkbox"/> 2 WASTE	C. <input type="checkbox"/> 1a REGULAR UNLEADED <input type="checkbox"/> 1b PREMIUM UNLEADED <input type="checkbox"/> 2 LEADED	<input type="checkbox"/> 3 DIESEL <input type="checkbox"/> 4 GASAHOL <input type="checkbox"/> 5 JET FUEL <input type="checkbox"/> 99 OTHER (DESCRIBE IN ITEM D. BELOW)	<input type="checkbox"/> 6 AVIATION GAS <input type="checkbox"/> 7 METHANOL
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED _____				C. A. S. #: _____	

III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM <input type="checkbox"/> 1 DOUBLE WALL <input type="checkbox"/> 2 SINGLE WALL	<input type="checkbox"/> 3 SINGLE WALL WITH EXTERIOR LINER <input type="checkbox"/> 4 SECONDARY CONTAINMENT (VAULTED TANK)	<input checked="" type="checkbox"/> 95 UNKNOWN <input type="checkbox"/> 99 OTHER
B. TANK MATERIAL (Primary Tank) <input type="checkbox"/> 1 BARE STEEL <input type="checkbox"/> 5 CONCRETE <input type="checkbox"/> 9 BRONZE	<input type="checkbox"/> 2 STAINLESS STEEL <input type="checkbox"/> 6 POLYVINYL CHLORIDE <input type="checkbox"/> 10 GALVANIZED STEEL	<input type="checkbox"/> 3 FIBERGLASS <input type="checkbox"/> 7 ALUMINUM <input checked="" type="checkbox"/> 95 UNKNOWN <input type="checkbox"/> 99 OTHER
C. INTERIOR LINING <input type="checkbox"/> 1 RUBBER LINED <input type="checkbox"/> 5 GLASS LINING	<input type="checkbox"/> 2 ALKYD LINING <input type="checkbox"/> 6 UNLINED	<input type="checkbox"/> 3 EPOXY LINING <input checked="" type="checkbox"/> 95 UNKNOWN <input type="checkbox"/> 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___		
D. CORROSION PROTECTION <input type="checkbox"/> 1 POLYETHYLENE WRAP <input type="checkbox"/> 5 CATHODIC PROTECTION	<input type="checkbox"/> 2 COATING <input type="checkbox"/> 91 NONE	<input type="checkbox"/> 3 VINYL WRAP <input checked="" type="checkbox"/> 95 UNKNOWN <input type="checkbox"/> 99 OTHER
E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) _____ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) _____		

IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE	A U 1 SUCTION	A U 2 PRESSURE	A U 3 GRAVITY	A U 99 OTHER
B. CONSTRUCTION	A U 1 SINGLE WALL	A U 2 DOUBLE WALL	A U 3 LINED TRENCH	A U 95 UNKNOWN A U 99 OTHER
C. MATERIAL AND CORROSION PROTECTION	A U 1 BARE STEEL	A U 2 STAINLESS STEEL	A U 3 POLYVINYL CHLORIDE (PVC)	A U 4 FIBERGLASS PIPE
	A U 5 ALUMINUM	A U 6 CONCRETE	A U 7 STEEL W/ COATING	A U 8 100% METHANOL COMPATIBLE W/FRP
	A U 9 GALVANIZED STEEL	A U 10 CATHODIC PROTECTION	A U 95 UNKNOWN	A U 99 OTHER
D. LEAK DETECTION	<input type="checkbox"/> 1 AUTOMATIC LINE LEAK DETECTOR	<input type="checkbox"/> 2 LINE TIGHTNESS TESTING	<input type="checkbox"/> 3 INTERSTITIAL MONITORING	<input type="checkbox"/> 99 OTHER

V. TANK LEAK DETECTION

<input type="checkbox"/> 1 VISUAL CHECK	<input type="checkbox"/> 2 INVENTORY RECONCILIATION	<input type="checkbox"/> 3 VADOZE MONITORING	<input type="checkbox"/> 4 AUTOMATIC TANK GAUGING	<input type="checkbox"/> 5 GROUND WATER MONITORING
<input type="checkbox"/> 6 TANK TESTING	<input type="checkbox"/> 7 INTERSTITIAL MONITORING	<input type="checkbox"/> 91 NONE	<input checked="" type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR) <u>Unknown</u>	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING _____ GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? YES <input type="checkbox"/> NO <input type="checkbox"/>
---	--	--

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) <u>Douglas Johnson</u> <i>Douglas Johnson</i> For Cal. DOT	DATE <u>10-30-95</u>
---	----------------------

LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
PERMIT NUMBER	PERMIT APPROVED BY/DATE		PERMIT EXPIRATION DATE	

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.
FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



Sat. your copy

*10/30/95
SMS*

RAFAT A. SHAHID, Assistant Agency Director

ALAMEDA COUNTY
ENVIRONMENTAL PROTECTION DIVISION
1131 HARBOR BAY PKWY., #250
ALAMEDA CA 94502-6577 CC4530

**HAZARDOUS MATERIALS RELEASE AND NOTIFICATION REPORT (H&SC 25180.7)
EMERGENCY RESPONSE**

1 INFORMATION RECEIVED BY: Shirley M. Simril
DATE: 10/30/95 TIME: _____

2 INCIDENT LOCATION: 888 Cedar St
CITY: OAKland ZIP: 94607

3 DATE OF INCIDENT: 10/28/95 TIME OF INCIDENT: 10 Am

4 REPORTED BY: OIA Balogun AGENCY: OGISO
ADDRESS: 1504 Franklin St #304 CITY, ZIP: OAKland 94612
TELEPHONE: 451-5772 CONTACT: OIA
PHONE: 451-5772

5 TYPE OF DISCHARGE:
 Discharge from vehicle License Plate No. _____
Manifest/Shipping Information: _____
 Abandoned Material fixed facility
Name: Solvent Address: 888 - Cedar St.
City: OAKland Zip Code: 94607
 Other (specify) _____

6 ESTIMATED QUANTITY DISCHARGED: 25 gal^{est} / estimated 1 gal spill
QUANTITY THREATENED TO BE RELEASED: 1 gal^{est}

7 NATURE OF MATERIAL:
 Solid Liquid Gas Powder Granular
 Radioactive Other
Chemical Name: Solvent (acid tone) Common Name: Solvent

8 HAZARDOUS PROPERTIES: Corrosive Ignitable TOXIC
 Reactive Other

9 HAZARDOUS MATERIAL WAS RELEASED TO:
 Air Storm Drain San Francisco Bay Sanitary Sewer
 Other Natural Waterway (creek, lake, reservoir) Groundwater
 Groundsurface (soil, road, etc.) Other (specify) _____

10 WEATHER CONDITIONS: Sunny

11 NUMBER OF INJURED PERSONS REQUIRING HOSPITALIZATION: None
Names and Addresses of Hospitals Utilized: _____

PERSONS PRESENT AT SCENE:

Name: Hamid Affiliation: OGISO Phone: 451-5772
Jeff Rocca Deecon 415-738-1115

RESPONSIBLE PARTY:

Name: CAI TRANS Phone: 286-1366
Address: 1545 Willow St

EVIDENCE COLLECTED (samples, photographs, etc.)

CLEAN-UP ACTIONS: IN the process (excavating the soil)

Names and Addresses of Persons Doing Clean-up:

OGISO

Description of Clean-up Actions:

Excavating the soil

TIME INCIDENT CLOSED: ON GOING

ELAPSED TIME:

[] DISCHARGE NOT TO BE NOTIFIED:

- Unlikely to Cause Substantial Injury to Public Health & Safety
- Public Knowledge Ongoing Criminal Investigations
- Permitted Discharge Other

[] DISCHARGE TO BE NOTIFIED:

Factors Determining That This Hazardous Waste Discharge Or Potential Discharge Is Likely To Cause Substantial Injury To The Public Health Or Safety:

NOTIFICATION:

- Board of Supervisors
- Health Officer
- Alameda County Press Room
- Reporting Agency or Individual

By copy of this report to the above listed agencies and officials, we are hereby submitting this information on behalf of all designated employees of the Department of Environmental Health, according to Section 25180.7, Health & Safety Code. The information submitted in this report is based upon the best available information at the time the report was completed.

Inspector's Name: _____ Date: _____
Inspector's Signature: _____

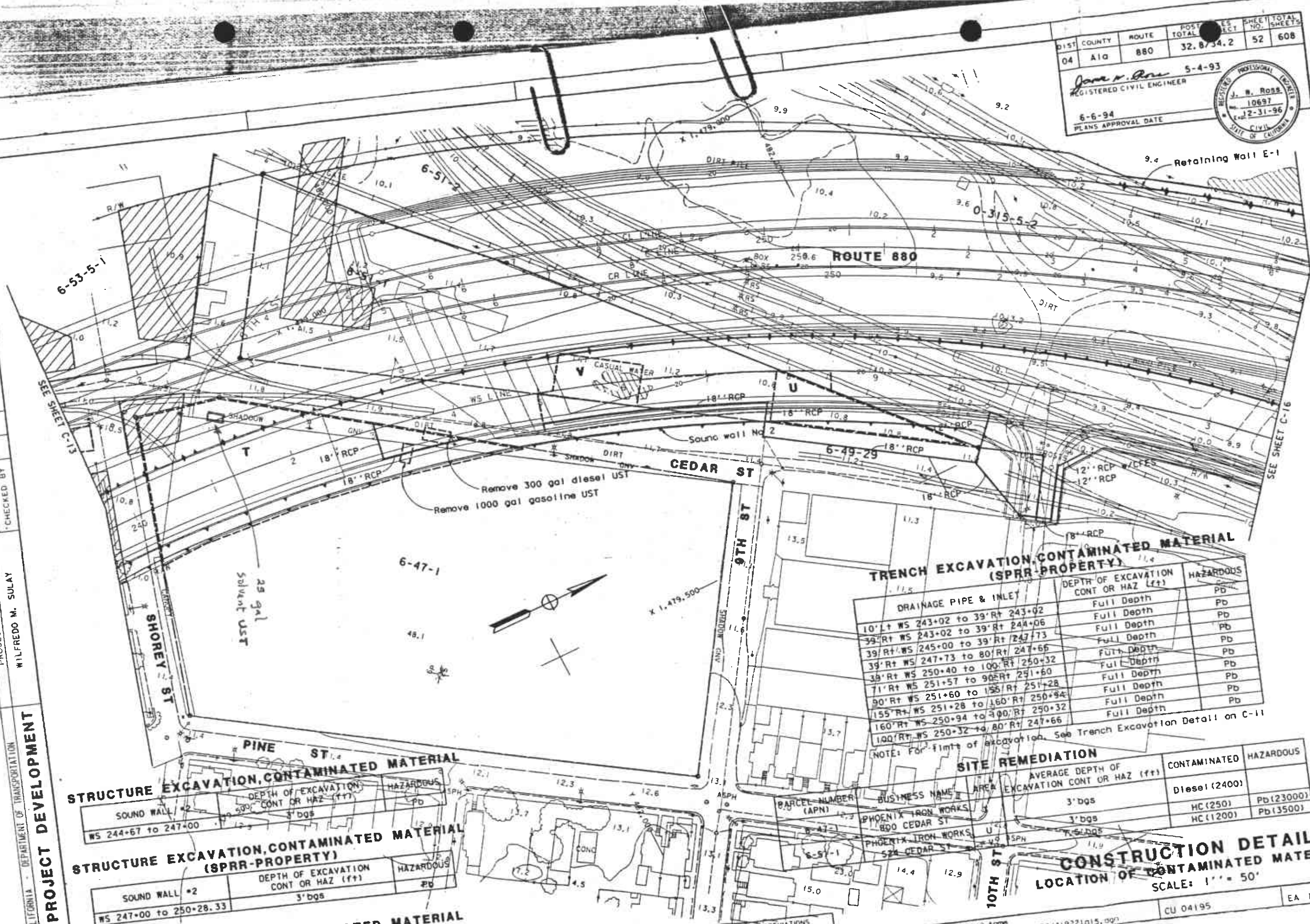
*He has spoken to Susan Augo.

DIST COUNTY ROUTE POST TOTAL ES SECT SHEET TOTAL NO. SHEETS
 04 Alameda 880 32.8/34.2 52 608

James A. Ross 5-4-93
 REGISTERED CIVIL ENGINEER

6-6-94
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 J. W. ROSS
 10697
 Exp. 2-31-96
 CIVIL
 STATE OF CALIFORNIA



TRENCH EXCAVATION, CONTAMINATED MATERIAL (SPRR-PROPERTY)

DRAINAGE PIPE & INLET	DEPTH OF EXCAVATION CONT OR HAZ (ft)	HAZARDOUS
10' L+ WS 243+02 to 39' Rt 243+02	Full Depth	Pb
39' Rt WS 243+02 to 39' Rt 244+06	Full Depth	Pb
39' Rt WS 245+00 to 39' Rt 247+73	Full Depth	Pb
39' Rt WS 247+73 to 80' Rt 247+66	Full Depth	Pb
39' Rt WS 250+40 to 100' Rt 250+32	Full Depth	Pb
90' Rt WS 251+57 to 90' Rt 251+60	Full Depth	Pb
71' Rt WS 251+60 to 155' Rt 251+28	Full Depth	Pb
155' Rt WS 251+28 to 160' Rt 250+94	Full Depth	Pb
160' Rt WS 250+94 to 300' Rt 250+32	Full Depth	Pb
100' Rt WS 250+32 to 80' Rt 247+66	Full Depth	Pb

NOTE: For limits of excavation, see Trench Excavation Detail on C-11

SITE REMEDIATION

BARCEL NUMBER (APN)	BUSINESS NAME	AREA	AVERAGE DEPTH OF EXCAVATION CONT OR HAZ (ft)	CONTAMINATED	HAZARDOUS
6-47-1	PHOENIX IRON WORKS	3' bqs		Diesel (2400)	
6-51-1	PHOENIX IRON WORKS	3' bqs		HC (250)	Pb (23000)
6-51-1	PHOENIX IRON WORKS	7.5' bqs		HC (1200)	Pb (3500)

STRUCTURE EXCAVATION, CONTAMINATED MATERIAL (SPRR-PROPERTY)

SOUND WALL #2	DEPTH OF EXCAVATION CONT OR HAZ (ft)	HAZARDOUS
WS 244+67 to 247+00	3' bqs	Pb
WS 247+00 to 250+28.33	3' bqs	Pb

CONSTRUCTION DETAILS
 LOCATION OF CONTAMINATED MATERIALS
 SCALE: 1" = 50'

DATE REVISION
 DESIGNED BY
 CHECKED BY
 PROJECT ENGINEER
 WILFREDO M. SULAY
 CALIFORNIA DEPARTMENT OF TRANSPORTATION
 PROJECT DEVELOPMENT

DATE REVISION BY
 DATE REVISION BY
 CALCULATED/DESIGNED BY
 CHECKED BY
 WILFREDO M. SULAY
 PROJECT DEVELOPMENT

white - env. health
yellow - facility
pink - files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

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

Hazardous Materials Inspection Form

II, III

Site ID # 012 Site Name Phoenix Juniors Today's Date 10/23/95

Site Address 888 Cedar Street

City Oakland Zip 94607 Phone _____

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

Inspection Categories:

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Hazardous Materials Business Plan, Acutely Hazardous Materials
- III. Under ground Storage Tanks

LOP (26 miles)
OAKDALE
FIRE ON SCENE
~ 200 gallons
Solvent tank

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

Comments:

On site for removal of ~ 250 gallon UST encountered during demolition processes. Tank contents have previously leaked from site due to action of beehive. There is a discharge of liquid from fracture of the UST in the pit. Several photographs taken of area. Tank label = \emptyset . Tank fractured therefore unable to meet @ CO₂.

Note Aromatic Odor noted in area of tank

Required actions

- Sample under tank in closest proximity to site.
- Sample for BTEX, Solvents, waste TOC, TPH, Am if metals
- Sample water/liquid in pit area for same
- send results to this office to Susan Hayes (2 weeks)
- Sample - Stockpile soils according to TRI Record guidelines
- Cover/burn Stockpile soils.
- Remove liquid from tank (and pit if possible)
- Provide manifest for ~~the~~ TANK (Copy)
- Provide manifest for liquid removed from Pit
- Submit final Report of Findings - 30 days

Contact OIA BALOGUN
Title Engineer
Signature [Signature]

Inspector [Signature]
Signature _____

II, III

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

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

Hazardous Materials Inspection Form

II, III

Site ID # 612 Site Name Phoenix Draw Today's Date 10/23/75
Site Address 888 Cedar St
City Oakland Zip 94607 Phone _____

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

Inspection Categories:

- ____ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
____ II. Hazardous Materials Business Plan Acutely Hazardous Materials
 III. Under ground Storage Tanks Removal

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

Comments:

Actual Tank Removal Sheen on liquid in Pet
Tank was removed under Level "B" Backup
actual workers were in Level "C" & respiratory
monitoring took place using (2) Two PIDs
TANK ~~contents~~ contents at 3:00 PM - by PID
Further inspection with Dry Ice took place
- TANK TO BE wrapped for transport/disposal
by Erickson.

manifest # Not on site yet
begin tank still on site

Contact OLA BALOGUN
Title Engineer
Signature Balogun

Inspector Bump
Signature _____

II, III

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

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

Hazardous Materials Inspection Form

II, III

Site ID # _____ Site Name CAL TRANS/FORMER Today's Date 10/20/95

Site Address 888 CEDAR STREET

City OAKLAND Zip 94608 Phone _____

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

Inspection Categories:

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Hazardous Materials Business Plan, Acutely Hazardous Materials
- III. Under ground Storage Tanks

*Oakland Fire Dept - not available requested ACDEH to oversee tank's removal.

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

Comments:

#95592442 TANKS hauler = ERICKSON #6162582 (P5/96)
TANK'S Manifest = (9C592816 contents)

2 USTs Removed:
#1 TANK (diesel, approx 1000 gal.) steel tank appeared corroded. hole at the bottom (some liquid dripping).
LEL = 0% O₂ = (1.5% bottom) & 4.2% top
One soil sample collected from each end of the tank (approx. 8 ft)

#2 TANK (gasoline, approx 2000 gal) steel tank appeared corroded; some pitting; no obvious holes.
LEL = 2.0% O₂ = 0.6% MTBE will be added as target analytes
One soil sample collected from each end of the tank. (approx. 8 ft bgs).

Stockpiled soil generated during the removal of the tank must be characterized for disposal.
The area of the former tanks will be part of the 60 ft excavation for the Cypress reconstruction. Limited overexcavation will be conducted around the tanks. Collected Verification soil samples must be collected (Schedule with the County).

Contact OLA BALOGUN
Title Engineer
Signature [Signature]

Inspector SUSAN L. HUGO
Signature [Signature]

II, III



10/20/95 ST10 612
888 Cedar Lakeland GAS TANK



10/20/95 ST10
888 Cedar Lakeland 612
DIESEL

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, Assistant Agency Director

JB
Box

ALAMEDA COUNTY
ENVIRONMENTAL PROTECTION DIVISION
1131 HARBOR BAY PKWY., #250
ALAMEDA CA 94502-6577 CC4530

] HAZARDOUS MATERIALS RELEASE AND NOTIFICATION REPORT (H&SC 25180.7)
] EMERGENCY RESPONSE

1 INFORMATION RECEIVED BY: Shirley A. Simril / Susan Hugo was notified
DATE: 10/19/95 TIME: 10:00 (By OIA)

2 INCIDENT LOCATION: 888 - Cedar St.
CITY: OAKland ZIP: 94607

3 DATE OF INCIDENT: 10/15/95 TIME OF INCIDENT: Noon
4 REPORTED BY: OIA AGENCY: O&ISO Environmental
ADDRESS: 1504 - Franklin St #3040 CITY, ZIP: OAKland
TELEPHONE: 451-5771 CONTACT: same
PHONE: same

5 TYPE OF DISCHARGE:
[] Discharge from vehicle License Plate No. _____
Manifest/Shipping Information: _____
 Abandoned Material [] fixed facility
Name: Under Ground Tank Address: _____
City: OAKland, CA Zip Code: _____
[] Other (specify) _____

6 ESTIMATED QUANTITY DISCHARGED: Size of Tank 250gal. about 1/3 full
QUANTITY THREATENED TO BE RELEASED: 80 gallon estimate

7 NATURE OF MATERIAL:
[] Solid Liquid [] Gas [] Powder [] Granular
[] Radioactive [] Other
Chemical Name: solvent Common Name: _____

8 HAZARDOUS PROPERTIES: [] Corrosive [] Ignitable [] TOXIC
[] Reactive Other

9 HAZARDOUS MATERIAL WAS RELEASED TO:
[] Air [] Storm Drain [] San Francisco Bay [] Sanitary Sewer
[] Other Natural Waterway (creek, lake, reservoir) [] Groundwater
 Groundsurface (soil, road, etc.) [] Other (specify) _____

10 WEATHER CONDITIONS: Sunny & Windy

11 NUMBER OF INJURED PERSONS REQUIRING HOSPITALIZATION: None
Names and Addresses of Hospitals Utilized: _____

2 PERSONS PRESENT AT SCENE:

Name: OIA Affiliation: engineer Phone: 451-5771
Jeff Rocca Operator 455-738-1115

3 RESPONSIBLE PARTY:

Name: CAL TRANS-Victor Phone: 286-1366
Address: 1545 Willowst, SAKAZAR

4 EVIDENCE COLLECTED (samples, photographs, etc.)

Soil & liquid content of tank

5 CLEAN-UP ACTIONS: still there - will clean up on 10/20/95

Names and Addresses of Persons Doing Clean-up:

GISD Env. - OIA

* They were remaining 2 tanks
a 3rd tank appeared & got punctured
& caused a spill.

Description of Clean-up Actions:

6 TIME INCIDENT CLOSED:

7 ELAPSED TIME:

[] DISCHARGE NOT TO BE NOTIFIED:

Unlikely to Cause Substantial Injury to Public Health & Safety
 Public Knowledge Ongoing Criminal Investigations
 Permitted Discharge Other

[] DISCHARGE TO BE NOTIFIED:

Factors Determining That This Hazardous Waste Discharge Or
Potential Discharge Is Likely To Cause Substantial Injury To The
Public Health Or Safety:

NOTIFICATION:

Board of Supervisors
 Health Officer
 Alameda County Press Room
 Reporting Agency or Individual

By copy of this report to the above listed agencies and officials, we
are hereby submitting this information on behalf of all designated
employees of the Department of Environmental Health, according to
Section 25180.7, Health & Safety Code. The information submitted in
this report is based upon the best available information at the time
the report was completed.

Inspector's Name: _____

Inspector's Signature: _____

Date: _____

OGISO



Professionals in Environmental Sustainance

OGISO Environmental

150 W. Iowa Ave., Ste 200
P.O. Box 61025
Sunnyvale, CA 94086
Tel (408) 245-9801/9802
FAX (408) 245-3870

387 17th St., Ste 210
Oakland, CA 94612
Tel (510) 452-0246
FAX (510) 452-5282

October 17, 1995

Alameda County Health Agency
Department of Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502
Attn: Ms. Susan Hugo

Dear Ms. Hugo:

RE: UNDER GROUND STORAGE TANK REMOVAL PERMIT

Following our telephone conversation and per your request, I am writing to inform you of the accidental discovery of an additional underground storage tank at the Phoenix Iron Works Site located on 888 Cedar Street, Oakland.

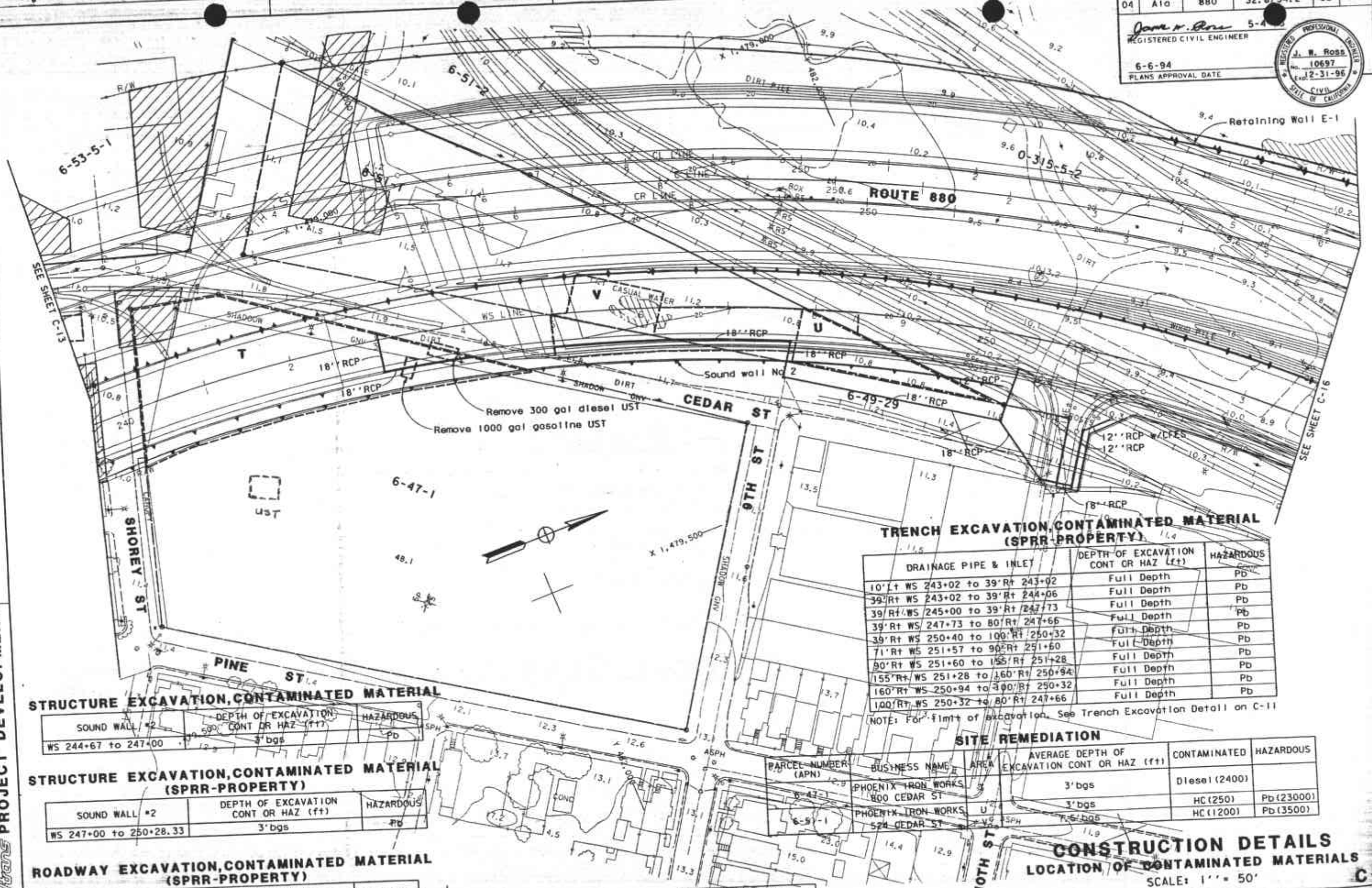
The capacity of the underground storage tank is estimated to be 250 gallons. Analytical results of the liquid content indicate presence of Toluene, Acetone, Phenols and Dichlorobenzenes. The Health and Safety Plan has been modified to incorporate the new findings.

As suggested, please change the number of underground storage tanks to be closed from 2 to 3 in the previous Underground Tank Closure Plan submitted for this site in June 1995. A separate Form B for this tank and site plan showing the approximate location of the new underground storage tank are attached.

The removal operations of the three tanks have been scheduled for Friday, October 20, 1995.

If you have any questions, please contact me. Thank you.

Oia Balogun, PE



DATE REVISION BY DATE REVISION BY
 CALCULATED/DESIGNED BY *CHECKED BY
 PROJECT ENGINEER WILFREDO M. SULAY
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans PROJECT DEVELOPMENT

DATE REVISION BY DATE REVISION BY
 CALCULATED/DESIGNED BY *CHECKED BY
 WILFREDO M. SULAY
 PROJECT DEVELOPMENT

OGISO ENVIRONMENTAL

1504 Franklin Street, Suite 304, Oakland, CA 94612, Phone 510/451-5771 Fax 510/451-5773

FAX TRANSMITTAL COVER SHEET

DATE: Oct 16, 1995

FROM: O/A Bologun

TO: Susan Hugo

FIRM: Alameda County Health Agency

FAX NO.: (510) 337-9335

SUBJECT: UST Permit

MESSAGE: Please see attached letter.
Original in the mail. Thanks

Number of pages in this transmittal including this cover page: 2
If you have any problem, please contact us at 510/452-0246. Our fax no. 510/452-5282.

OGISO



Professionals in Environmental Stusstenance

need:
1) modified site map
2) H&SP to include the coherent review
3) Forms B to be submitted

OGISO Environmental

150 W. Iowa Ave., Ste 200
PO Box 61025
Sunnyvale, CA 94086
Tel (408) 245-9801/9802
FAX (408) 245-3870

387 17th St., Ste 210
Oakland, CA 94612
Tel (510) 452 0246
FAX (510) 452 5282

October 16, 1995

Alameda County Health Agency
Department of Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502
Attn: Ms. Susan Hugo

Dear Ms. Hugo:

RE: UNDER GROUND STORAGE TANK REMOVAL PERMIT

Following our telephone conversation and per your request, I am writing to inform you of the accidental discovery of an additional underground storage tank at the Phoenix Iron Works Site located on 888 Cedar Street, Oakland.

The capacity of the underground storage tank is estimated to be 250 gallons. Analytical results of the liquid content indicate presence of Toluene, Acetone, Phenols and Dichlorobenzenes.

As suggested, please change the number of underground storage tanks to be closed from 2 to 3 in the previous Underground Tank Closure Plan submitted for this site in June 1995. A separate Form B for this tank will be filed immediately.

If you have any questions, please contact me. Thank you.


Ola Balogun, PE

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

REGION 2
700 HEINZ AVE., SUITE 200
BERKELEY, CA 94710-2737
(510) 540-3724



October 2, 1995

Mr. Ace Forsen, Chief
Project Development/Benicia-Martinez Bridge
Caltrans
P.O. Box 23660
Oakland, California 94623-0660

Dear Mr. Forsen:

**REMEDIAL ACTION WORKPLAN - SOUTHWEST CORNER PHOENIX 800 SITE,
800 CEDAR STREET, CYPRESS RECONSTRUCTION PROJECT, OAKLAND**

The Department of Toxic Substances Control (DTSC) has reviewed the revised Remedial Action Workplan (RAW) dated September 26, 1995 and approves the plan contingent on inclusion of the following items:

1. Table of Contents (Summary), Table of Contents, and page 22, Section 4 heading: Revise the heading of Section 4 to "Evaluation of Human Health Effects From Exposure to Metals, Chrysene, and Petroleum Hydrocarbons."
2. Page 19, last paragraph, 4th sentence: Add to the end of this sentence "...if excavated and disposed at an off site location."
3. Page 22, Section 4, first sentence: Add "total and diesel" in the parenthesis.
4. Page 40, Section 8.3, Implementation Schedule: Change the probable start date to October 3, 1995, and revise any other date impacted by the change in start date.

If you have any questions regarding this letter, please call Lynn Nakashima at (510) 540-3839.

Sincerely,

A handwritten signature in cursive script that reads "Barbara J. Cook".

Barbara J. Cook, P.E., Chief
Site Mitigation Branch

Mr. Ace Forsen
October 2, 1995
Page Two

cc: Mr. Sum Arigala
Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

Ms. Susan Hugo
Alameda County Health Agency
Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502

Mr. Joel Howie
Caltrans
Environmental Engineering
P.O. Box 23660
Oakland, California 94623-0660

Ms. Kathleen Leiga
Caltrans
Cypress Construction Office
1545 Willow Street
Oakland, California 94607

ENVIRONMENTAL
PROTECTION
95 OCT -5 PM 1:17

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

REGION 2
700 HEINZ AVE., SUITE 200
BERKELEY, CA 94710-2737
(510) 540-3724



August 1, 1995

Mr. Ace Forsen, Chief
Project Development/Benicia-Martinez Bridge
Caltrans
P.O. Box 23660
Oakland, California 94623-0660

Dear Mr. Forsen:

**SITE REMEDIATION WORKPLAN, CALTRANS CYPRESS "B"
RECONSTRUCTION, PHOENIX IRON WORKS, 524 CEDAR & 800 CEDAR
STREET, OAKLAND**

The Department of Toxic Substances Control (DTSC) received the above mentioned workplan prepared by OGISO Environmental on behalf of Caltrans. The objective of the workplan is to remediate the Phoenix 524 and 800 sites by soil excavation, underground tank removal and possible monitoring well installation. As you are aware, the Phoenix 524 site was included as a site in the draft Remedial Action Plan (RAP) that is in public comment phase until August 3, 1995. The draft RAP specifies the types of documents that are to be submitted for approval prior to initiation of the selected remedy. Please refer to the draft RAP and resubmit the appropriate forms and plans. Because the draft RAP has not been finalized, any workplan submitted prior to the final RAP approval date is subject to change if any modifications are made to the final RAP. The underground storage tanks may be removed under the supervision of Alameda County Department of Environmental Health. Please contact Alameda County for all necessary approvals and permits.

The Phoenix 800 site was not included in the draft RAP; therefore, any removal actions proposed at this site require that a Remedial Action Workplan (RAW) be submitted for review and approval, provided that the cost of remediation is less than \$1 million. The requirements of a RAW may be found in the Health and Safety Code sections 25356.1, 25358.9, and 25323.1. After review of this workplan, DTSC has determined that the minimum requirements of a RAW as specified by the Health and Safety Code have not been met. DTSC has provided Caltrans with an example of a draft RAW and suggests that its format and content be followed and the draft RAW for the Phoenix 800 site be resubmitted.

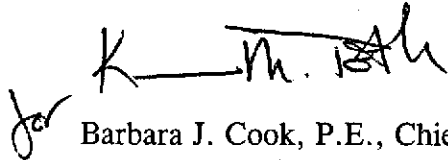
Mr. Ace Forsen
August 1, 1995
Page Two

ENVIRONMENTAL
PROTECTION

If you have any questions regarding this document, please call Lynn Nakashima at (510) 540-3839.

95 AUG - 3 PM 1:29

Sincerely,



Barbara J. Cook, P.E., Chief
Site Mitigation Branch

cc: Mr. Sum Arigala
Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

Ms. Susan Hugo
Alameda County Health Agency
1131 Harbor Bay Parkway
Alameda, California 94502

Mr. Joel Howie
Caltrans
Environmental Engineering
P.O. Box 23660
Oakland, California 94623-0660

Ms. Kate Leiga
Caltrans
Cypress Construction Office
1545 Willow Street
Oakland, California 94607

ALAMEDA COUNTY HAZARDOUS MATERIALS DIVISION
DEPOSIT / REFUND ACCOUNT SHEET

printed 07/07/95

SITE INFORMATION

Phoenix Iron Works
888 Cedar St
Oakland 94607
Site Contact: Victor Salazar
Site Phone : 286-1366

StID: 612 Site#: 3447
PROJECT#: 3447A
PROJECT TYPE: *** R ***
INSP: ~~Jennifer Eberle~~ Susan Hugo
ACCT. SHEET PG #: _____

PROPERTY OWNER INFORMATION

Owner Contact:
Owner Phone :

PAYOR INFORMATION

OGISO
150 West Iowa Ave., Ste. 200
Sunnyvale CA 94086 #886
Payor Contact:
Payor Phone : 408-245-3870

Date	Action Taken	Time		Hours Spent/ Depstd	Hour Balnce	Money Spent/ Depositd	Money Balance
		In	Out				
07/07/95	Rcpt# 759447 Deposit of \$894.00 @ \$90/hour			+9.93	9.9 9.93	\$894.00	\$894.00
07/07/95	Admin. Charge: 1 hour			1.00	8.9 8.93	\$804.00	\$804.00
7-11	spoke w/ola Balogun + with Caltrans TRANSFER TO LOP			0.4	8.5		
7-24-95	Transfer to LOP						

UPON COMPLETION OF PROJECT

PROJ COMPLETED BY : Susan A Hugo ATTACH: State Forms A, B & C
 Billing Adjustment*
DATE OF COMPLETION : 2/8/96 DATE SENT TO BILLING: _____
TOTAL COST OF PROJECT: _____ REFUND AMOUNT: _____ Rev. 5/95

* Billing adjustment forms needed when site is in our UST program.

#612

(no)

DATE: 7/22/95
TO : Local Oversight Program
FROM: SUSAN
SUBJ: Transfer of Eligible Oversight Case

Site name: PHOENIX IRON WORKS
Address: 888 CEDAR STREET city OAKLAND zip 94607
Closure plan attached? (Y) N DepRef remaining \$ _____
DepRef Project # _____ STID #(if any) _____
Number of Tanks: 2 removed? Y N Date of removal _____
Leak Report filed? Y (N) Date of Discovery _____
Samples received? (Y) N Contamination: _____
Petroleum Y N Types: Avgas Jet leaded unleaded Diesel
fuel oil waste oil kerosene solvents
Monitoring wells on site _____ Monitoring schedule? Y N
Briefly describe the following:
Preliminary Assessment _____
Remedial Action _____
Post Remedial Action Monitoring _____
Enforcement Action _____

Comments:

Cal-Trans now owns
the property → 2 tanks
1 under bldg + one under street
landlord: Debra Baker
(prop of land lord)
653-6871 Phoenix
Properties
Phoenix Iron Works
acqda to Carol w/ Phoenix Iron Works

ALAMEDA COUNTY HEALTH SERVICES AGENCY
 DEPARTMENT OF ENVIRONMENTAL HEALTH
 ENVIRONMENTAL PROTECTION DIVISION
 1151 HARBOR BAY PARKWAY, RM 200
 ALAMEDA, CA 94502-6577
 PHONE # 510/567-6700
 FAX # 510/337-9335

Susana Hugo
 Project Specialist

ACCEPTED
 Underground Storage Tank Closure Permit Application
 Alameda County Division of Hazardous Materials
 80 Swan Way, Suite 200,
 Oakland, CA 94621
 Telephone: (510) 271-4220

These closure/removal plans have been received and found to be acceptable and essentially meet the requirements of State and Local Health Laws. Changes to your closure plans indicated by this Department are to ensure compliance with State and local laws. The project permit is now released for issuance of any required building permits for construction/destruction. One copy of the approved plans must be on the job and available to all contractors and evaluators involved with the removal. Any changes or additions to the plans must be submitted to the Department of Environmental Health Services if such changes meet the Inspections Department's requirements. If such changes meet the requirements of State and local laws.

Notify this Department at least 72 hours prior to the following required inspections:
 ✓ Removal of Tank(s) and Piping
 ✓ Sampling
 ✓ Final Inspection

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

RECEIVED
 JUN 28 1995
 KASLER CORPORATION

*Please note
 Change made
 on page 1 of 7/22/95
 AH Hugo
 See comments
 in red*

*THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS

Contact Specialist:

UNDERGROUND TANK CLOSURE PLAN

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

- Name of Business Phoenix Iron Works
 Business Owner or Contact Person (PRINT) Victor Salazar
- Site Address ⁸⁸⁸800 Cedar Street
 City Oakland Zip Ca 94607 Phone _____
- Mailing Address 1545 Willow Street
 City Oakland Zip CA 94607 Phone (510) 286-1366
- Property Owner California Department of Transportation
 Business Name (if applicable) Caltran District 04
 Address 1545 Willow Street
 City, State Oakland Zip CA 94607
- Generator name under which tank will be manifested
Caltrans

EPA ID# under which tank will be manifested ~~CAL 00 0 1 2 1 6 3 3~~

CAC 001029656

* Fire extinguisher must be on site at all times.

* A copy of the Health & Safety Plan must be at the site at all times.

6. Contractor CEECON
Address 1517 Palmdale Avenue, Suite 4
City Pacifica, CA 94044 Phone (415) 738-1115
License Type* A ID# 589926

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

7. Consultant (if applicable) OGISO Environmental
Address 387 17th Street, Suite 210
City, State Oakland, CA 94612 Phone (510) 452-0246

8. Main Contact Person for Investigation (if applicable)
Name Ola Balogun Title _____
Company _____
Phone _____

9. Number of underground tanks being closed with this plan 2
Length of piping being removed under this plan _____
Total number of underground tanks at this facility (**confirmed with owner or operator) 2

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

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

a) Product/Residual Sludge/Rinsate Transporter
Name Loyal Moore Trucking EPA I.D. No. CA R000000
Hauler License No. 182124 License Exp. Date Feb 1996 ¹⁸⁵⁹
Address 410 Kennedy Street
City Oakland State CA Zip 94606

b) Product/Residual Sludge/Rinsate Disposal Site
Name Evergreen EPA ID# _____
Address _____
City _____ State _____ Zip _____

c) Tank and Piping Transporter

Name Loyal Moorcruckin EPA I. No. _____

Hauler License No. 182124 License Exp. Date Feb 1996

Address 410 Kennedy Street

City Oakland State CA Zip 94606

d) Tank and Piping Disposal Site

Name Erickson EPA I.D. No. _____

Address _____

City _____ State _____ Zip _____

11. Sample Collector

Name Ola Badogun

Company OGISO Environmental

Address 387 17th Street, Suite 210

City Oakland State CA Zip 94612 Phone (510) 452-0246

12. Laboratory

Name Sparger Technology, Inc.

Address 3050 Fite Circle, Suite 112

City Sacramento State CA Zip 95827

State Certification No. 1614

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

If yes, describe. _____

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

1.5 lb dry ice per 100 gal UST

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

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

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

Tank		Material to be sampled (tank contents, soil, groundwater)	Location and Depth of Samples
Capacity	Use History include date last used (estimated)		
300 gal	diesel	soil + gw if found	2' below bottom of UST.
1000 gal	gasoline		
1000 gal			

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

soil sample must be collected underneath the dispenser.

Excavated/Stockpiled Soil

<p>Stockpiled Soil Volume (estimated)</p>	<p>Sampling Plan <i>1 discrete per 10yd³ if Soil reused onsite OR as per landfill</i></p>
--	--

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

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

If yes, explain reasoning *will wait for lab results*

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

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

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

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

Contaminant Sought	EPA or Other Sample Preparation Method Number	EPA or Other Analysis Method Number	Method Detection Limit
<i>TPH d</i>	<i>3550</i>	<i>6010</i>	
<i>TPH gtt</i>	<i>5030</i>	<i>"</i>	
<i>BTEX</i>		<i>8020 or 8240</i>	
<i>Lead</i>	<i>AA</i>		

18. Submit Worker's Compensation Certificate copy

Name of Insurer State Fund

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

20. Enclose Deposit (See Instructions)

21. Report any leaks or contamination to this office within 5 days of discovery.

The written report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report (ULR) form.

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

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

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

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

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

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

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

CONTRACTOR INFORMATION

Name of Business CALTRANS OGISO Environmental

Name of Individual Ola Balogun

Signature [Signature] Date June 27, 1995

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business CALTRANS

Name of Individual Victor Salazar

Signature [Signature] Date 7-5-95

ALAMEDA COUNTY ENVIRONMENTAL PROTECTION DIVISION

DECLARATION OF SITE ACCOUNT REFUND RECIPIENT

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

SITE INFORMATION:

Site ID Number
(if known)

Phoenix Iron Works

Name of Site

800 Cedar Street

Street Address

Oakland, CA 94607

City, State & Zip Code

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

OGISO

Name

387 17th Street, Suite 210

Street Address

Oakland, CA 94612

City, State & Zip Code

Signature of Payor

Date

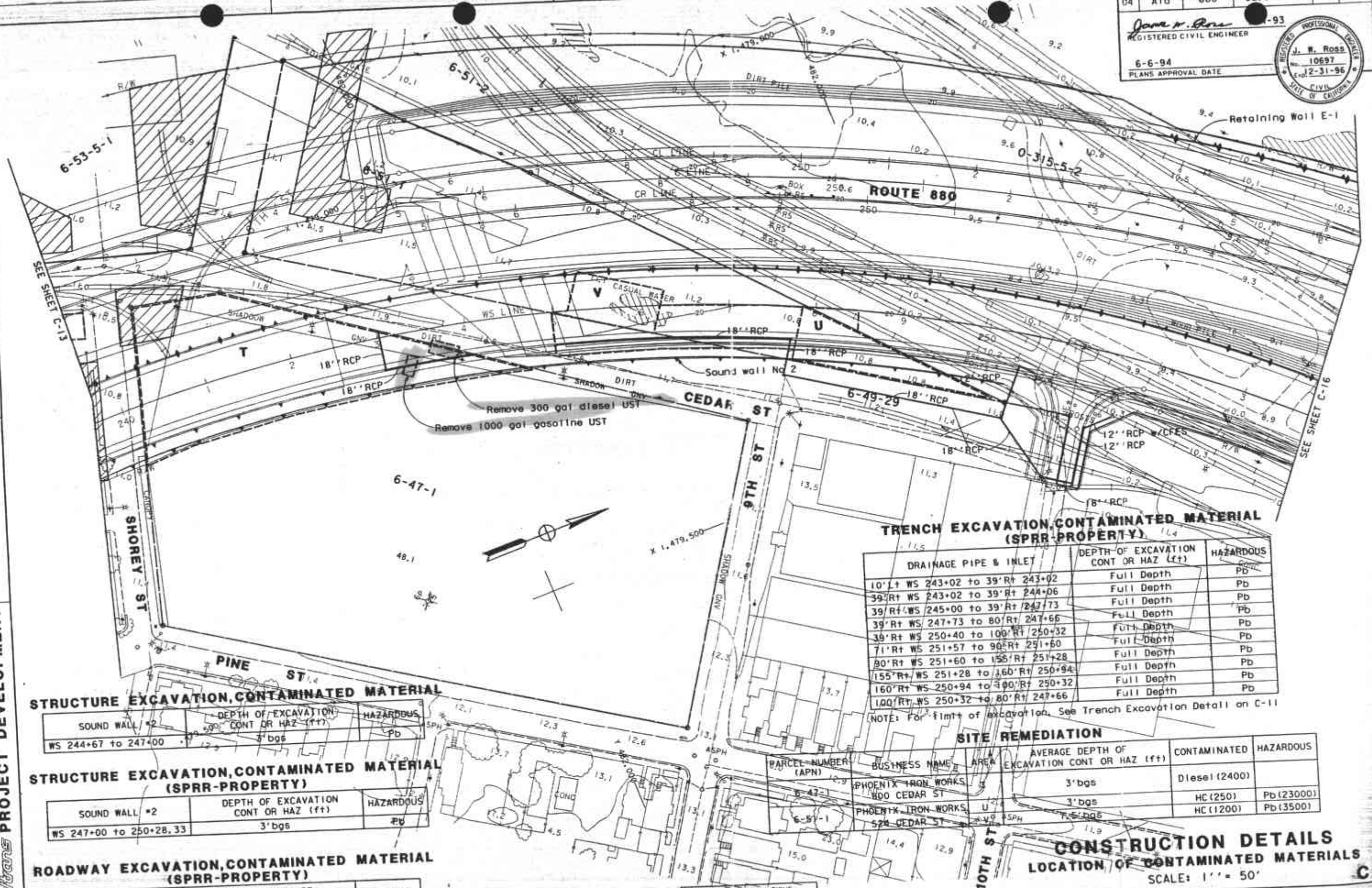
Name of Payor
(PLEASE PRINT CLEARLY)

Company Name of Payor

RETURN FORM TO:

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

REVISOR'S NAME
 DATE
 REVISIONS
 PROJECT ENGINEER
 WILFREDO M. SULAY
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
ET California PROJECT DEVELOPMENT



TRENCH EXCAVATION, CONTAMINATED MATERIAL (SPRR-PROPERTY)

DRAINAGE PIPE & INLET	DEPTH OF EXCAVATION CONT OR HAZ (ft)	HAZARDOUS
10' Lt WS 243+02 to 39' Rt 243+02	Full Depth	Pb
39' Rt WS 243+02 to 39' Rt 244+06	Full Depth	Pb
39' Rt WS 245+00 to 39' Rt 247+73	Full Depth	Pb
39' Rt WS 247+73 to 80' Rt 247+66	Full Depth	Pb
39' Rt WS 250+40 to 100' Rt 250+32	Full Depth	Pb
71' Rt WS 251+57 to 90' Rt 251+60	Full Depth	Pb
80' Rt WS 251+60 to 155' Rt 251+28	Full Depth	Pb
155' Rt WS 251+28 to 160' Rt 250+94	Full Depth	Pb
160' Rt WS 250+94 to 300' Rt 250+32	Full Depth	Pb
100' Rt WS 250+32 to 80' Rt 247+66	Full Depth	Pb

NOTE: For limit of excavation, see Trench Excavation Detail on C-11

STRUCTURE EXCAVATION, CONTAMINATED MATERIAL

LOCATION	DEPTH OF EXCAVATION CONT OR HAZ (ft)	HAZARDOUS
SOUND WALL #2 WS 244+67 to 247+00	3' bgs	Pb

STRUCTURE EXCAVATION, CONTAMINATED MATERIAL (SPRR-PROPERTY)

LOCATION	DEPTH OF EXCAVATION CONT OR HAZ (ft)	HAZARDOUS
SOUND WALL #2 WS 247+00 to 250+28.33	3' bgs	Pb

ROADWAY EXCAVATION, CONTAMINATED MATERIAL (SPRR-PROPERTY)

LOCATION	AVERAGE DEPTH OF EXCAVATION CONT OR HAZ (ft)	HAZARDOUS
WS 245+00 to 248+50	full depth	Pb

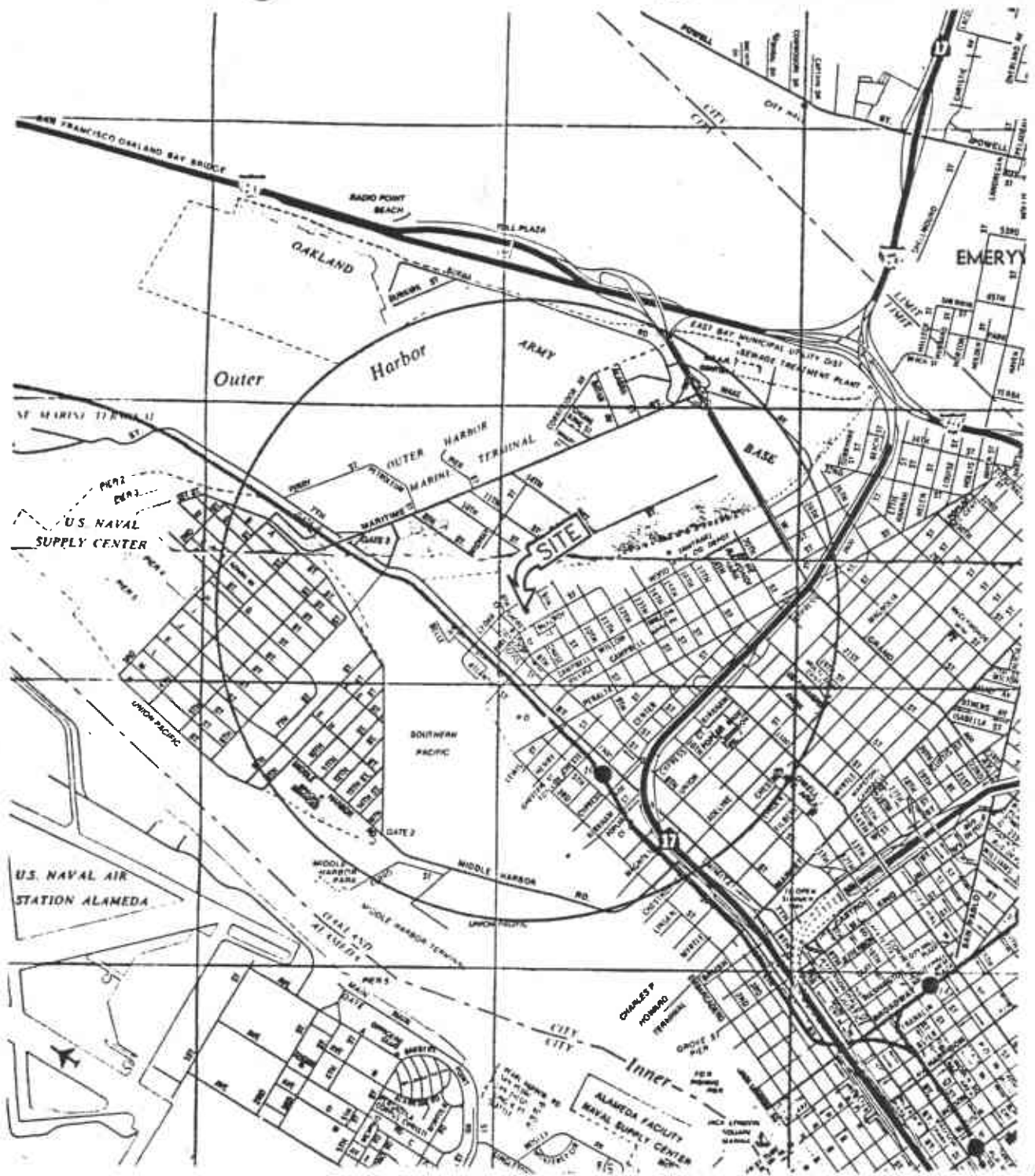
SITE REMEDIATION

PARCEL NUMBER (APN)	BUSINESS NAME	AREA	AVERAGE DEPTH OF EXCAVATION CONT OR HAZ (ft)	CONTAMINATED	HAZARDOUS
6-47-1	PHOENIX IRON WORKS 800 CEDAR ST	3' bgs		Diesel (2400)	
6-51-1	PHOENIX IRON WORKS 528 CEDAR ST	3' bgs		HC (250)	Pb (23000)
		7.5' bgs		HC (1200)	Pb (3500)

**CONSTRUCTION DETAILS
 LOCATION OF CONTAMINATED MATERIALS
 SCALE: 1" = 50'**

FOR NOTES, ABBREVIATIONS &/OR LEGEND, SEE SHEET C-10
 FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

REVISOR'S NAME
 DATE
 REVISIONS
 PROJECT ENGINEER
 WILFREDO M. SULAY
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
PROJECT DEVELOPMENT



BASE MAP REFERENCE

CALIFORNIA STATE AAA,
 OAKLAND BERYLEY ALAMEDA MAP,
 REVISED 1-85.



**ON-SITE
 TECHNOLOGIES**

REVISED
 4/93
 A
 JA 357-7.1

SITE LOCATION & VICINITY MAP
 PHOENIX 800 (APN 06-47-1)
 800 CEDAR STREET
 OAKLAND, CALIFORNIA

FIGURE
2.1.10
 PROJECT No.
 357-7.1

3 TANKS Removed
10/20/95 @ 10/23/95

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION FORM A
COMPLETE THIS FORM FOR EACH FACILITY/SITE



MARK ONLY ONE ITEM	<input checked="" type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input type="checkbox"/> 7 PERMANENTLY CLOSED SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY SITE CLOSURE	

I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)

DRA OR FACILITY NAME Phoenix Iron Works		NAME OF OPERATOR		
ADDRESS 888 Cedar Street		NEAREST CROSS STREET 9th Street	PARCEL # (OPTIONAL)	
CITY NAME Oakland		STATE CA	ZIP CODE 94607	SITE PHONE # WITH AREA CODE
<input checked="" type="checkbox"/> BOX TO INDICATE <input type="checkbox"/> CORPORATION <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> LOCAL-AGENCY DISTRICTS* <input type="checkbox"/> COUNTY-AGENCY* <input type="checkbox"/> STATE-AGENCY* <input type="checkbox"/> FEDERAL-AGENCY*				
* If owner of UST is a public agency, complete the following: name of Supervisor of division, section, or office which operates the UST				
TYPE OF BUSINESS		<input type="checkbox"/> 1 GAS STATION	<input type="checkbox"/> 2 DISTRIBUTOR	<input type="checkbox"/> 3 FARM
		<input type="checkbox"/> 4 PROCESSOR	<input checked="" type="checkbox"/> 5 OTHER	
		<input type="checkbox"/> IF INDIAN RESERVATION OR TRUST LANDS	# OF TANKS AT SITE 2	E. P. A. I. D. # (optional)

EMERGENCY CONTACT PERSON (PRIMARY) EMERGENCY CONTACT PERSON (SECONDARY) - optional

DAYS: NAME (LAST, FIRST) OKOH, Clement	PHONE # WITH AREA CODE (408) 245-9801	DAYS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE
NIGHTS: NAME (LAST, FIRST) OKOH, Clement	PHONE # WITH AREA CODE (408) 245-9801	NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME Caltrans		CARE OF ADDRESS INFORMATION		
MAILING OR STREET ADDRESS 1545 Willow Street		<input checked="" type="checkbox"/> box to indicate	<input type="checkbox"/> INDIVIDUAL	<input type="checkbox"/> LOCAL-AGENCY
CITY NAME Oakland		<input type="checkbox"/> CORPORATION	<input type="checkbox"/> PARTNERSHIP	<input checked="" type="checkbox"/> STATE-AGENCY
		<input type="checkbox"/> COUNTY-AGENCY	<input type="checkbox"/> FEDERAL-AGENCY	
STATE CA	ZIP CODE 94607	PHONE # WITH AREA CODE (510) 286-1431		

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER Phoenix Iron Works		CARE OF ADDRESS INFORMATION		
MAILING OR STREET ADDRESS 800 Cedar Street		<input checked="" type="checkbox"/> box to indicate	<input type="checkbox"/> INDIVIDUAL	<input type="checkbox"/> LOCAL-AGENCY
CITY NAME Oakland		<input checked="" type="checkbox"/> CORPORATION	<input type="checkbox"/> PARTNERSHIP	<input type="checkbox"/> STATE-AGENCY
		<input type="checkbox"/> COUNTY-AGENCY	<input type="checkbox"/> FEDERAL-AGENCY	
STATE CA	ZIP CODE 94607	PHONE # WITH AREA CODE		

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 322-9669 if questions arise.

TY(TK) HQ 44- [] [] [] [] [] [] [] []

V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE COMPLETED) - IDENTIFY THE METHOD(S) USED

<input checked="" type="checkbox"/> box to indicate	<input type="checkbox"/> 1 SELF-INSURED	<input type="checkbox"/> 2 GUARANTEE	<input type="checkbox"/> 3 INSURANCE	<input type="checkbox"/> 4 SURETY BOND
	<input type="checkbox"/> 5 LETTER OF CREDIT	<input type="checkbox"/> 6 EXEMPTION	<input type="checkbox"/> 99 OTHER	

VI. LEGAL NOTIFICATION AND BILLING ADDRESS Legal notification and billing will be sent to the tank owner unless box I or II is checked.

CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATIONS AND BILLING: I. II. III.

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

OWNER'S NAME (PRINTED & SIGNED) FOR CALTRANS [Signature]	OWNER'S TITLE R.E.	DATE MONTH/DAY/YEAR 7-5-95
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LOCAL AGENCY USE ONLY

COUNTY # [] []	JURISDICTION # [] [] []	FACILITY # [] [] [] [] [] []
LOCATION CODE - OPTIONAL	CENSUS TRACT # - OPTIONAL	SUPVISOR - DISTRICT CODE - OPTIONAL

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE PERMIT APPLICATION - FORM B, UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.
OWNER MUST FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

TANK Removed 10/27/95



STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM
 1 NEW PERMIT
 2 INTERIM PERMIT
 3 RENEWAL PERMIT
 4 AMENDED PERMIT
 5 CHANGE OF INFORMATION
 6 TEMPORARY TANK CLOSURE
 7 PERMANENTLY CLOSED ON SITE
 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED:

I. TANK DESCRIPTION COMPLETE ALL ITEMS - SPECIFY IF UNKNOWN

A. OWNER'S TANK I.D.# UNKNOWN
B. MANUFACTURED BY: UNKNOWN
C. DATE INSTALLED (MO/DAY/YEAR) UNKNOWN
D. TANK CAPACITY IN GALLONS: 250

II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.

A. 1 MOTOR VEHICLE FUEL 4 OIL
 2 PETROLEUM 80 EMPTY
 3 CHEMICAL PRODUCT 85 UNKNOWN
B. 1 PRODUCT 2 WASTE
C. 1a REGULAR UNLEADED 3 DIESEL 6 AVIATION GAS
 1b PREMIUM UNLEADED 4 GASAHOL 7 METHANOL
 2 LEADED 5 JET FUEL
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED Phenols Toluenes C.A.S.#:

III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM 1 DOUBLE WALL 3 SINGLE WALL WITH EXTERIOR LINER 95 UNKNOWN
 2 SINGLE WALL 4 SECONDARY CONTAINMENT (VAULTED TANK) 99 OTHER
B. TANK MATERIAL (Primary Tank) 1 BARE STEEL 2 STAINLESS STEEL 3 FIBERGLASS 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC
 5 CONCRETE 6 POLYVINYL CHLORIDE 7 ALUMINUM 8 100% METHANOL COMPATIBLE W/FRP
 9 BRONZE 10 GALVANIZED STEEL 95 UNKNOWN 99 OTHER
C. INTERIOR LINING 1 RUBBER LINED 2 ALKYD LINING 3 EPOXY LINING 4 PHENOLIC LINING
 5 GLASS LINING 6 UNLINED 95 UNKNOWN 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___
D. CORROSION PROTECTION 1 POLYETHYLENE WRAP 2 COATING 3 VINYL WRAP 4 FIBERGLASS REINFORCED PLASTIC
 5 CATHODIC PROTECTION 91 NONE 95 UNKNOWN 99 OTHER
E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR)

IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE A U 1 SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 99 OTHER
B. CONSTRUCTION A U 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A U 95 UNKNOWN A U 99 OTHER
C. MATERIAL AND CORROSION PROTECTION A U 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE
A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/ COATING A U 8 100% METHANOL COMPATIBLE W/FRP
A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A U 95 UNKNOWN A U 99 OTHER
D. LEAK DETECTION 1 AUTOMATIC LINE LEAK DETECTOR 2 LINE TIGHTNESS TESTING 3 INTERSTITIAL MONITORING 99 OTHER

V. TANK LEAK DETECTION

1 VISUAL CHECK 2 INVENTORY RECONCILIATION 3 VADOZE MONITORING 4 AUTOMATIC TANK GAUGING 5 GROUND WATER MONITORING
 6 TANK TESTING 7 INTERSTITIAL MONITORING 91 NONE 95 UNKNOWN 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR) UNKNOWN
2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING UNKNOWN GALLONS
3. WAS TANK FILLED WITH INERT MATERIAL? YES NO

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) Douglas Johnson DATE Oct 17, 95

LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW For Cal. DOT

STATE I.D.# COUNTY # JURISDICTION # FACILITY # TANK #
PERMIT NUMBER PERMIT APPROVED BY/DATE PERMIT EXPIRATION DATE

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.
FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

Task removed 10/20/95
Hugo



STATE OF CALIFORNIA
 STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM	<input checked="" type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input type="checkbox"/> 7 PERMANENTLY CLOSED ON SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY TANK CLOSURE	<input checked="" type="checkbox"/> 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED:

I. TANK DESCRIPTION COMPLETE ALL ITEMS - SPECIFY IF UNKNOWN

A. OWNER'S TANK I.D.#	<i>unknown</i>	B. MANUFACTURED BY:	<i>unknown</i>
C. DATE INSTALLED (MO/DAY/YEAR)	<i>unknown</i>	D. TANK CAPACITY IN GALLONS:	<i>300, 400</i>

II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.

A. <input type="checkbox"/> 1 MOTOR VEHICLE FUEL	<input type="checkbox"/> 4 OIL	B. <input checked="" type="checkbox"/> 1 PRODUCT	C. <input type="checkbox"/> 1a REGULAR UNLEADED	<input type="checkbox"/> 3 DIESEL	<input type="checkbox"/> 6 AVIATION GAS
<input checked="" type="checkbox"/> 2 PETROLEUM	<input type="checkbox"/> 80 EMPTY	<input type="checkbox"/> 2 WASTE	<input type="checkbox"/> 1b PREMIUM UNLEADED	<input type="checkbox"/> 4 GASAHOL	<input type="checkbox"/> 7 METHANOL
<input type="checkbox"/> 3 CHEMICAL PRODUCT	<input checked="" type="checkbox"/> 95 UNKNOWN		<input type="checkbox"/> 2 LEADED	<input type="checkbox"/> 5 JET FUEL	<input type="checkbox"/> 99 OTHER (DESCRIBE IN ITEM D. BELOW)
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED				C. A. S. #:	

III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM	<input type="checkbox"/> 1 DOUBLE WALL	<input type="checkbox"/> 3 SINGLE WALL WITH EXTERIOR LINER	<input type="checkbox"/> 95 UNKNOWN
	<input checked="" type="checkbox"/> 2 SINGLE WALL	<input type="checkbox"/> 4 SECONDARY CONTAINMENT (VAULTED TANK)	<input type="checkbox"/> 99 OTHER
B. TANK MATERIAL (Primary Tank)	<input checked="" type="checkbox"/> 1 BARE STEEL	<input type="checkbox"/> 2 STAINLESS STEEL	<input type="checkbox"/> 3 FIBERGLASS
	<input type="checkbox"/> 5 CONCRETE	<input type="checkbox"/> 6 POLYVINYL CHLORIDE	<input type="checkbox"/> 7 ALUMINUM
	<input type="checkbox"/> 9 BRONZE	<input type="checkbox"/> 10 GALVANIZED STEEL	<input type="checkbox"/> 95 UNKNOWN
			<input type="checkbox"/> 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC
			<input type="checkbox"/> 8 100% METHANOL COMPATIBLE W/FRP
			<input type="checkbox"/> 99 OTHER
C. INTERIOR LINING	<input type="checkbox"/> 1 RUBBER LINED	<input type="checkbox"/> 2 ALKYD LINING	<input type="checkbox"/> 3 EPOXY LINING
	<input type="checkbox"/> 5 GLASS LINING	<input type="checkbox"/> 6 UNLINED	<input checked="" type="checkbox"/> 95 UNKNOWN
			<input type="checkbox"/> 4 PHENOLIC LINING
			<input type="checkbox"/> 99 OTHER
	IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___		
D. CORROSION PROTECTION	<input type="checkbox"/> 1 POLYETHYLENE WRAP	<input type="checkbox"/> 2 COATING	<input type="checkbox"/> 3 VINYL WRAP
	<input type="checkbox"/> 5 CATHODIC PROTECTION	<input type="checkbox"/> 91 NONE	<input type="checkbox"/> 4 FIBERGLASS REINFORCED PLASTIC
			<input checked="" type="checkbox"/> 95 UNKNOWN
			<input type="checkbox"/> 99 OTHER
E. SPILL AND OVERFILL	SPILL CONTAINMENT INSTALLED (YEAR) _____		OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) _____

IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE	A U 1 SUCTION	A U 2 PRESSURE	A U 3 GRAVITY	A U 99 OTHER
B. CONSTRUCTION	A (U) 1 SINGLE WALL	A U 2 DOUBLE WALL	A U 3 LINED TRENCH	A U 95 UNKNOWN
				A U 99 OTHER
C. MATERIAL AND CORROSION PROTECTION	A U 1 BARE STEEL	A U 2 STAINLESS STEEL	A U 3 POLYVINYL CHLORIDE (PVC)	A U 4 FIBERGLASS PIPE
	A U 5 ALUMINUM	A U 6 CONCRETE	A U 7 STEEL W/ COATING	A U 8 100% METHANOL COMPATIBLE W/FRP
	A U 9 GALVANIZED STEEL	A U 10 CATHODIC PROTECTION	A U 95 UNKNOWN	A U 99 OTHER
D. LEAK DETECTION	<input type="checkbox"/> 1 AUTOMATIC LINE LEAK DETECTOR	<input type="checkbox"/> 2 LINE TIGHTNESS TESTING	<input type="checkbox"/> 3 INTERSTITIAL MONITORING	<input checked="" type="checkbox"/> 99 OTHER <i>unknown</i>

V. TANK LEAK DETECTION

<input type="checkbox"/> 1 VISUAL CHECK	<input type="checkbox"/> 2 INVENTORY RECONCILIATION	<input type="checkbox"/> 3 VADOZE MONITORING	<input type="checkbox"/> 4 AUTOMATIC TANK GAUGING	<input type="checkbox"/> 5 GROUND WATER MONITORING
<input type="checkbox"/> 6 TANK TESTING	<input type="checkbox"/> 7 INTERSTITIAL MONITORING	<input type="checkbox"/> 91 NONE	<input checked="" type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING _____ GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? YES <input type="checkbox"/> NO <input type="checkbox"/>
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THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) <i>FOR CALTRANS Victor Salazar</i>	DATE <i>7-5-95</i>
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LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
PERMIT NUMBER	PERMIT APPROVED BY/DATE		PERMIT EXPIRATION DATE	

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.
 FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

TANK removed 10/20/95

Shug



STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM	<input checked="" type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input type="checkbox"/> 7 PERMANENTLY CLOSED ON S
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY TANK CLOSURE	<input checked="" type="checkbox"/> 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED:

I. TANK DESCRIPTION COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I.D.#	<u>Unknown</u>	B. MANUFACTURED BY:	<u>Unknown</u>
C. DATE INSTALLED (MO/DAY/YEAR)	<u>Unknown</u>	D. TANK CAPACITY IN GALLONS:	<u>1,000</u>

II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.

A. <input type="checkbox"/> 1 MOTOR VEHICLE FUEL	<input type="checkbox"/> 4 OIL	B. <input checked="" type="checkbox"/> 1 PRODUCT	C. <input type="checkbox"/> 1a REGULAR UNLEADED	<input type="checkbox"/> 3 DIESEL	<input type="checkbox"/> 6 AVIATION GA
<input checked="" type="checkbox"/> 2 PETROLEUM	<input type="checkbox"/> 80 EMPTY	<input type="checkbox"/> 2 WASTE	<input type="checkbox"/> 1b PREMIUM UNLEADED	<input type="checkbox"/> 4 GASAHOL	<input type="checkbox"/> 7 METHANOL
<input type="checkbox"/> 3 CHEMICAL PRODUCT	<input checked="" type="checkbox"/> 95 UNKNOWN		<input type="checkbox"/> 2 LEADED	<input type="checkbox"/> 5 JET FUEL	<input type="checkbox"/> 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED _____ C. A. S. # : _____

III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM	<input type="checkbox"/> 1 DOUBLE WALL	<input type="checkbox"/> 3 SINGLE WALL WITH EXTERIOR LINER	<input type="checkbox"/> 95 UNKNOWN
	<input checked="" type="checkbox"/> 2 SINGLE WALL	<input type="checkbox"/> 4 SECONDARY CONTAINMENT (VAULTED TANK)	<input type="checkbox"/> 99 OTHER
B. TANK MATERIAL (Primary Tank)	<input type="checkbox"/> 1 BARE STEEL	<input type="checkbox"/> 2 STAINLESS STEEL	<input type="checkbox"/> 3 FIBERGLASS
	<input type="checkbox"/> 5 CONCRETE	<input type="checkbox"/> 6 POLYVINYL CHLORIDE	<input type="checkbox"/> 7 ALUMINUM
	<input type="checkbox"/> 9 BRONZE	<input type="checkbox"/> 10 GALVANIZED STEEL	<input type="checkbox"/> 95 UNKNOWN
			<input checked="" type="checkbox"/> 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC
			<input type="checkbox"/> 8 100% METHANOL COMPATIBLE W/FRP
			<input type="checkbox"/> 99 OTHER
C. INTERIOR LINING	<input type="checkbox"/> 1 RUBBER LINED	<input type="checkbox"/> 2 ALKYD LINING	<input type="checkbox"/> 3 EPOXY LINING
	<input type="checkbox"/> 5 GLASS LINING	<input type="checkbox"/> 6 UNLINED	<input type="checkbox"/> 4 PHENOLIC LINING
			<input checked="" type="checkbox"/> 95 UNKNOWN
			<input type="checkbox"/> 99 OTHER
	IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___		
D. CORROSION PROTECTION	<input type="checkbox"/> 1 POLYETHYLENE WRAP	<input type="checkbox"/> 2 COATING	<input type="checkbox"/> 3 VINYL WRAP
	<input type="checkbox"/> 5 CATHODIC PROTECTION	<input type="checkbox"/> 91 NONE	<input type="checkbox"/> 4 FIBERGLASS REINFORCED PLASTIC
			<input checked="" type="checkbox"/> 95 UNKNOWN
			<input type="checkbox"/> 99 OTHER
E. SPILL AND OVERFILL	SPILL CONTAINMENT INSTALLED (YEAR) _____		OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) _____

IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE	A U 1 SUCTION	A U 2 PRESSURE	A U 3 GRAVITY	A U 99 OTHER
B. CONSTRUCTION	A U 1 SINGLE WALL	A U 2 DOUBLE WALL	A U 3 LINED TRENCH	A U 95 UNKNOWN
				A U 99 OTHER
C. MATERIAL AND CORROSION PROTECTION	A U 1 BARE STEEL	A U 2 STAINLESS STEEL	A U 3 POLYVINYL CHLORIDE (PVC)	A U 4 FIBERGLASS PIPE
	A U 5 ALUMINUM	A U 6 CONCRETE	A U 7 STEEL W/ COATING	A U 8 100% METHANOL COMPATIBLE W/FRP
	A U 9 GALVANIZED STEEL	A U 10 CATHODIC PROTECTION	A U 95 UNKNOWN	A U 99 OTHER
D. LEAK DETECTION	<input type="checkbox"/> 1 AUTOMATIC LINE LEAK DETECTOR	<input type="checkbox"/> 2 LINE TIGHTNESS TESTING	<input type="checkbox"/> 3 INTERSTITIAL MONITORING	<input checked="" type="checkbox"/> 99 OTHER <u>Unknown</u>

V. TANK LEAK DETECTION

<input type="checkbox"/> 1 VISUAL CHECK	<input type="checkbox"/> 2 INVENTORY RECONCILIATION	<input type="checkbox"/> 3 VADOZE MONITORING	<input type="checkbox"/> 4 AUTOMATIC TANK GAUGING	<input type="checkbox"/> 5 GROUND WATER MONITORING
<input type="checkbox"/> 6 TANK TESTING	<input type="checkbox"/> 7 INTERSTITIAL MONITORING	<input type="checkbox"/> 91 NONE	<input checked="" type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING _____ GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? YES <input type="checkbox"/> NO <input type="checkbox"/>
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THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) <u>FOR CALTRANS Victor Salazar</u>	DATE <u>7-5-95</u>
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LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
PERMIT NUMBER	PERMIT APPROVED BY/DATE		PERMIT EXPIRATION DATE	

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.
FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

FAX TRANSMITTAL COVER SHEETDATE: July 18, 1995 TIME: _____FROM: O/A BALOGUNTO: Suzan HugoFIRM: Alameda County Health AgencyFAX NO.: (510) 337-9335SUBJECT: OSHA certificates, Insurance and otherMESSAGE: Please see attached.call if you need additional info

Number of pages in this transmittal including this cover page: _____
If you have any problem, please contact us at 510/452-0246. Our fax no. 510/452-5282.

Hi Suzan

EPA ID# for 800 Cedar Site

CAC 001029656

EPA ID# for 727 Pine St.

CAC 001105040



BAXTER REILLEY

OCCUPATIONAL TRAINERS

CERTIFY THAT

Larry D Lindsey, Sr

has successfully completed
40 Hour Hazardous Waste Operations and Emergency Response
in compliance with 29 CFR 1910.120

November 2, 1991

Director of Health & Safety Instruction

M S Crowe

Director of Operations - Robert E. Crowe

JUL-18-95 11:54A CEECON - Pacifica

510 452 5282

Engineering Ofce

415 738 1115

P.06

P03

Certificate of Completion

This Certifies That

Michael Hodges
has satisfactorily completed the requirements for
29 CFR 1910.120 OSHA 8-HOUR Refresher

And is hereby awarded this certificate
by

CERCON
Organization
Pacifica, California
City and State

on this 18th *day of* June 19 95

[Signature]
Jeff Rocca

[Signature]
Lou Leet



BAXTER REILLEY

OCCUPATIONAL TRAINERS

CERTIFY THAT

Jeff Rocca

has successfully completed
40 Hour Hazardous Waste Operations and Emergency Response
In compliance with 29 CFR 1910.120

[Signature]
Director of Health & Safety Instruction

August 13, 1994

[Signature]
Director of Operations - Robert E. Crowe

BR
Baxter Reilly
Occupational Trainers

Student I.D. No. BR91200-1403444

BAXTER REILLEY

OCCUPATIONAL TRAINERS

CERTIFY THAT

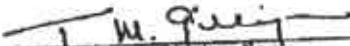
Sean Allen Hinton

has successfully completed

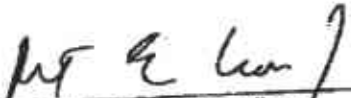
40 Hour Hazardous Waste Operations and Emergency Response Course

In compliance with 29 CFR 1910.120 (e)(3)

6/16/95



Director of Instruction



Director of Operations

Baxter Reilly Occupational Trainers, 6841 S. Yosemite Rd. Suite 100, Englewood, CO 80112, (303)227-2765

City or Municipal Area of class attended: San Francisco

**STATE
COMPENSATION
INSURANCE
FUND**

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

CERTIFICATE OF WORKERS' COMPENSATION INSURANCE

ISSUE DATE: 04-01-88

POLICY NUMBER: 1303938 - 88
CERTIFICATE EXPIRES: 04-01-88

CITY OF SUNNYVALE
1 STOP PERMIT CENTER
P.O. BOX 3707
SUNNYVALE CA 94088-3707

JOB: 1202 KIFER RD.
SUNNYVALE, CA
LIC. #588928

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

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

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

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

John A. Platt
PRESIDENT

EMPLOYER'S LIABILITY LIMIT INCLUDING DEFENSE COSTS: \$1,000,000.00 PER OCCURRENCE.

STANDARD EXCLUSION: INDIVIDUAL EMPLOYERS AND HUSBAND AND WIFE EMPLOYERS ARE NOT ELIGIBLE FOR BENEFITS AS EMPLOYEES UNDER THIS POLICY.

ENDORSEMENT #2088 ENTITLED CERTIFICATE HOLDERS' NOTICE EFFECTIVE 04/01/88 IS ATTACHED TO AND FORMS A PART OF THIS POLICY.

EMPLOYER

LEGAL NAME

CALIFORNIA ENVIRONMENTAL ENGINEERS
& CONTRACTORS
1517 PALMETTO AVE STE 4
PACIFICA CA 94044

HODGES, MICHAEL JAMES

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

REGION 2

700 HEINZ AVE., SUITE 200

BERKELEY, CA 94710-2737

(510) 540-3724



June 29, 1995

Mr. Ace Forsen, Chief
Project Development/Benicia-Martinez Bridge
Caltrans
P.O. Box 23660
Oakland, California 94623-0660

Dear Mr. Forsen:

**SITE SAFETY AND HEALTH PLAN, LIMITED SUBSURFACE INVESTIGATION
BENEATH PHOENIX IRON WORKS BUILDING SLAB, 800 CEDAR STREET,
CYPRESS RECONSTRUCTION PROJECT, OAKLAND**

The Department of Toxic Substances Control (DTSC) has received the Site Health and Safety plan for the above site prepared by Riedel Environmental Services, Inc. (AKA Smith Environmental Technologies Corporation) on behalf of Caltrans. DTSC has reviewed the plan and has the following comments that must be adequately addressed before soil and groundwater sampling may occur.

1. The plan needs to include a section describing potential chemical hazards based on contaminants expected to be present at the site. The section should describe the primary health risks, including chemical, physical and toxicological characteristics of the contaminants, such as target organs, acute and chronic effects, expected potential routes of entry, etc. PELs/TLVs/RELS for each contaminant should be included (as applicable). In addition, because potential chemicals of concern have not been identified, DTSC is unable to evaluate the adequacy of the Personal Protective Equipment (PPE) selected.
2. A section addressing heat stress needs to be added. The following issues should be discussed: anticipated temperatures, worker acclimatization, symptoms of the various stages of heat stress, first aid, atmospheric monitoring, personal (physiological) monitoring, and parameters for establishing work-rest cycles. Work-rest cycles must take the following criteria into account: personnel work load (energy expended), degree of acclimatization, and the type of protective clothing used.
3. A section describing the provisions that will be made to ensure proper sanitation facilities are available to site personnel needs to be added.



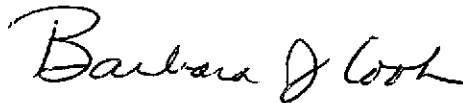
4. Section 1.0, Introduction:
 - a. Include the site address.
 - b. The introduction should state what businesses formerly occupied the building and describe what chemicals/processes were known or suspected to have occurred in the building. Caltrans' inventory of the building contents should also be included.
5. Page 2, Section 3.0, Key Personnel and Safety Responsibilities:
 - a. Figure 3-1 was not included in DTSC's copy of the plan and therefore cannot be evaluated.
 - b. The names of key personnel should be included in the document along with their office telephone numbers.
6. Page 4, Section 4.1.2, Noise: Provide the reference used to determine the noise attenuation factor described (i.e., 6 decibels each time distance from source is doubled), and describe how noise levels will be determined. Also, the plan should specifically state what employees or job titles will require hearing protection.
7. Page 4, Section 4.1.3, Overhead Powerlines: The last sentence should be moved to Section 4.1.4 (Drill Rig Operation).
8. Page 5, Section 4.1.4, Drill Rig Operation: Prior to the start of work, employees should be made aware of the location of the drill rig cut-off switch.
9. Page 8, Section 5.0, Training: Written documentation of each employee's training should be available for review at the job site. In addition, employee supervisors are required to have additional training.
10. Page 5-4, Section 6.10, Local Medical Provider:
 - a. The name, address and phone number of the nearest emergency room needs to be provided in the plan. In addition, a map and narrative describing the route to the emergency room must be included.
 - b. Second paragraph: This paragraph states that "the only portions of the employee potentially in contact with Site soils are the hands and feet." It is DTSC's experience from observing field work at other sites that other parts of employees have the potential to come in contact with soils. This section should be revised or the statement amended to reflect the different employee job tasks.
11. Page 5-7, Section 9, Site Zones and Decontamination Measures: This section needs to describe how site access will be restricted from unauthorized personnel. Exclusion, contamination reduction and support zones need to be defined and described as well as decontamination procedures for personnel, personal protective equipment, and sampling

Mr. Ace Forsen
June 29, 1995
Page 3

equipment. The decontamination requirements for rest breaks, provisions for collection and disposal of contaminated materials and liquids, and a listing of decontamination equipment and solutions that will be used also need to be included.

If you have any questions regarding this letter, please call Lynn Nakashima at (510) 540-3839.

Sincerely,



Barbara J. Cook, P.E., Chief
Site Mitigation Branch

cc: Mr. Joel Howie
Caltrans
Environmental Engineering
P.O. Box 23660
Oakland, California 94623-0660

Mr. Sum Arigala
Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

Ms. Susan Hugo
Alameda County Health Agency
Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502

ALAMEDA COUNTY ENVIRONMENTAL PROTECTION DIVISION

DECLARATION OF SITE ACCOUNT REFUND RECIPIENT

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

SITE INFORMATION:

Site ID Number
(if known)

Phoenix Iron Works

Name of Site

800 Cedar Street

Street Address

Oakland, CA 94607

City, State & Zip Code

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

OGISO

Name

387 17th Street, Suite 210

Street Address

Oakland, CA 94612

City, State & Zip Code

 Signature of Payor

June 27, 1995
Date

O/A BALOGUN
Name of Payor
(PLEASE PRINT CLEARLY)

Company Name of Payor

RETURN FORM TO:

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

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHIDI, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH

Dept. of Environmental Health
1131 Harbor Bay Parkway
Suite 250
Alameda, CA 94502 - 6577
cc 430-451

December 8, 1994

Mr. Chris Wilson
Caltrans
Environmental Engineering
111 Grand Avenue
P.O. Box 23660
Oakland, CA 94623-0660

RE: Underground Storage Tank(s) at 888 Cedar Street, Oakland, CA
94607, formerly Phoenix Iron Works.

NOTICE OF LEGAL OBLIGATION

Dear Mr. Wilson:

Our Department has been informed that the above property is now owned by the State of California and that it will be demolished soon to make way for the new Cypress freeway. The property per our records has one underground storage tank.

Therefore, pursuant with the California Code of Regulations (CCR), Title 23, Division 3, Chapter 16 Underground Storage Tank Regulations, you must perform one of the following actions;

1. Submit a tank closure plan to this Department in accordance with the requirements of Title 23 (CCR), Article 7, section 2760, (plan enclosed) or
2. Apply for a permit to operate the tank(s), as required by Article 10, section 2710 of the same regulations.

Your quick response to this matter will be greatly appreciated. If you have any questions regarding this notice, please call me at (510) 567-6752.

Sincerely,

A handwritten signature in cursive script that reads "Roel Meregillano".

Roel Meregillano
Hazardous Materials Specialist

cc: Ariu Levi - Files
Susan Hugo - LOP

Enclosures

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

REGION 2

700 HEINZ AVE., SUITE 200
BERKELEY, CA 94710-2737ALCO
HAZMAT

94 MAY -3 PM 12:45



May 2, 1994

Mr. Allan Chow
Department of Transportation
District 4 - Environmental Engineering
P.O. Box 23660
111 Grand Avenue
Oakland, California 94623-0660

Dear Mr. Chow:

**RESPONSE TO COMMENTS, REVISED PRELIMINARY ENDANGERMENT ASSESSMENT
(PEA) REPORT, PHOENIX 800 PROPERTY, 800 CEDAR STREET, CYPRESS
RECONSTRUCTION PROJECT, OAKLAND**

The Department of Toxic Substances Control (Department) has reviewed the response to comments submitted by On-Site Technologies for the Phoenix 800 site, located at 800 Cedar Street in Oakland. The responses provided were adequate, and therefore the Department approves the PEA. In addition, the Department understands that Caltrans has entered the property and inspected the interior. Please provide the Department with the information and photographs (if any) obtained from the visit. If the information is inadequate to demonstrate the types of chemicals used, wastes generated, and storage and/or disposal methods used at the site, a full suite of analytical tests will need to be performed in order to fully characterize the site.

If you have any questions regarding this letter, please contact Lynn Nakashima of my staff at (510) 540-3839.

Sincerely,

A handwritten signature in cursive script that reads "Barbara J. Cook".

Barbara J. Cook, P.E., Chief
Site Mitigation Branch

cc: Mr. Rich Hiett
Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

Ms. Susan Hugo
Alameda County Health Agency
Department of Environmental Health
80 Swan Way, Room 350



DEPARTMENT OF TOXIC SUBSTANCES CONTROL

REGION 2
700 HEINZ AVE., SUITE 200
BERKELEY, CA 94710-2737

ALCO
HAZMAT

94 MAY -3 PM 12:44



May 2, 1994

Mr. Allan Chow
Department of Transportation
District 4 - Environmental Engineering
P.O. Box 23660
111 Grand Avenue
Oakland, California 94623-0660

Dear Mr. Chow:

**RESPONSE TO COMMENTS, REVISED PRELIMINARY ENDANGERMENT ASSESSMENT
(PEA) REPORT, PHOENIX 524 PROPERTY, 524 CEDAR STREET, CYPRESS
RECONSTRUCTION PROJECT, OAKLAND**

The Department of Toxic Substances Control (Department) has reviewed the responses to comments provided by On-Site Technology for the Phoenix 524 Property located on Cedar Street. The responses provided were adequate and therefore, the Department approves the PEA. However, the Department strongly recommends Caltrans to make further attempts to interview the business owner and employees to obtain any information regarding the work practices that are/were going on at the site. The Department also recommends that Caltrans contact Alameda County Health and request the information previously made unavailable. If Caltrans is unsuccessful, please contact this Department for assistance.

If you have any questions regarding this letter, please contact Lynn Nakashima of my staff at (510) 540-3839.

Sincerely,

A handwritten signature in cursive script that reads "Barbara J. Cook".

Barbara J. Cook, P.E., Chief
Site Mitigation Branch

cc: Mr. Rich Hiett
Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

Ms. Susan Hugo
Alameda County Health Agency
Department of Environmental Health
80 Swan Way, Room 350
Oakland, California 94621



DEPARTMENT OF TOXIC SUBSTANCES CONTROL

ALCO
HAZMAT

REGION 2

700 HEINZ AVE., SUITE 200
BERKELEY, CA 94710-2737
(510) 540-3839

March 3, 1994 94 MAR -7 PM 2:11



Mr. Allan Chow
Department of Transportation
District 4 Environmental Engineering
P.O. Box 23660
111 Grand Avenue
Oakland, California 94623-0660

Dear Mr. Chow:

**REVIEW OF REVISED PRELIMINARY ENDANGERMENT ASSESSMENT (PEA),
NOVEMBER 1993, CYPRESS RECONSTRUCTION - PHOSE 2, PHOENIX
PROPERTIES, 800 CEDAR STREET, OAKLAND**

The Department of Toxic Substances Control (Department) has reviewed the above mentioned revised document. In general, most of the Department's comments were adequately addressed. It appears from the responses to some comments that Caltrans was unable to obtain additional information from the businesses currently located within the building. If Caltrans requires assistance in obtaining chemical use information, please contact this office. In addition, the following comments require additional explanations, or were not addressed in the revised document:

1. Figure 2.2.5.d: No change was made to this figure. The comment requested that the locations of current businesses, and any significant features inside of the building be shown. In addition, the designation "Molds" was not explained.
2. Sections 2.2.5 and 2.3.1: Additional information (chemicals used, manufacturing processes, waste generated, etc.) regarding the businesses located at the site are needed. As stated above, if Caltrans requires assistance, please contact this Department. Otherwise, please state what steps are being undertaken to gather the missing information.
3. Section 2.3.4: This comment requested that the purpose and scope of the inspections made by the Bay Area Air Quality Management District be included. The table provided states that no violations were found. Specify what equipment, processes, locations, etc. were inspected.



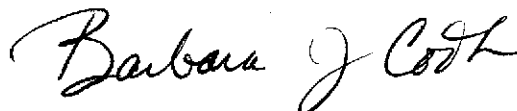
Mr. Allan Chow
March 3, 1994
Page Two

4. Table 4.2.6: The comment requested that the scientific names of the species listed be included. Please revise the table.
5. Section 5.2.3: The sampling plan included in the Appendices does not include a description of the hydropunch methods used. An amendment to the sampling plan is needed detailing the type of hydropunch used, how it was used, and how samples were collected. This information is necessary in order to evaluate the samples that were collected using the hydropunch.
6. Section 7.4: The Department disagrees that the determination of extent of contamination should be limited to three feet below ground surface. The investigation should identify the full extent of contamination in both the vertical and horizontal directions. Please revise this section.

The response to General Comment 2 states that STLCs and TTLCs are "used to determine the potential for risks to human health and environment." STLCs and TTLCs are not used when calculating risk as shown by section 6.0 of this report. As stated earlier STLC and TTLC values are used only to determine if a waste is a hazardous waste.

If you have any questions regarding this letter, please call Lynn Nakashima of my staff at (510) 540-3839.

Sincerely,



Barbara J. Cook, P.E., Chief
Site Mitigation Branch

cc: Ms. Susan Hugo
Alameda County Health Agency
Department of Environmental Health
80 Swan Way, Room 350
Oakland, California 94621

Mr. Richard Hiett
Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

ALCO
HAZMATREGION 2
700 HEINZ AVE., SUITE 200
BERKELEY, CA 94710-2737

94 FEB 25 PM 2:52



February 23, 1994

Mr. Allan Chow
Department of Transportation
District 4 Environmental Engineering
P.O. Box 23660
111 Grand Avenue
Oakland, California 94623-0660

Dear Mr. Chow:

**REVISED PRELIMINARY ENDANGERMENT ASSESSMENT (PEA), PHOENIX 766,
CYPRESS FREEWAY RECONSTRUCTION PROJECT, 766 CEDAR STREET,
OAKLAND, NOVEMBER 1993**

The Department of Toxic Substances Control (Department) has received and reviewed the PEA for the Phoenix 766 site located in Oakland. The revisions made to the document were adequate and therefore the PEA is approved contingent upon receipt of the following:

1. Specific comment 4 requested the reference used to determine groundwater flow direction. The revised PEA cites a CH2MHill report; however, Section 11 of the PEA does not contain this reference. Please provide this reference.
2. Specific comment 6 requested that Table 4.2.6 include the scientific names of the species listed. Please revise this table.

In addition the first paragraph of page 20 states that soluble lead was detected up to 4,200 mg/kg. Is this statement actually referring to total lead?

If you have any questions regarding this letter, please call Lynn Nakashima of my staff at (510) 540-3839.

Sincerely,

A handwritten signature in cursive script, appearing to read "Barbara J. Cook".

Barbara J. Cook, P.E., Chief
Site Mitigation Branch

cc: See next page



Mr. Allan Chow
February 23, 1994
Page Two

cc: Ms. Susan Hugo
Alameda County Health Agency
Department of Environmental Health
80 Swan Way, Room 350
Oakland, California 94621

Mr. Richard Hiett
Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

DEPARTMENT OF TOXIC SUBSTANCES CONTROLREGION 2
700 HEINZ AVE., SUITE 200
BERKELEY, CA 94710-2737

February 17, 1994

94 FEB 18 PM 2:30
ALCO
HAZMAT

Mr. Allan Chow
Department of Transportation
District 4 Environmental Engineering
P.O. Box 23660
111 Grand Avenue
Oakland, California 94623-0660

Dear Mr. Chow:

**REVIEW OF REVISED PRELIMINARY ENDANGERMENT ASSESSMENT (PEA),
November 1993, CYPRESS RECONSTRUCTION - PHASE 2, PHOENIX
PROPERTIES, 524 CEDAR STREET, OAKLAND**

The Department has received and reviewed the revised PEA for the Phoenix 524. In general, most of the Department's earlier comments were adequately responded to. However, before the Department can approve the PEA, the following comments must be adequately responded to:

Specific Comments:

1. Comment 7 and 8: While Table 2.2.1 includes the steam-cleaning operation that occurred in the 1950's, Tables 2.2.5 and 2.3.1 do not mention this activity. This information should be included in the tables, or explain why it is being omitted.
2. Comment 8: It appears from the references cited in the text that facility owner(s), operator and employees were not interviewed regarding hazardous substance/waste management. These persons should be interviewed to determine the uses of the resins, naphtha, magnesium silicate, methylethylketone, and how the new and used sand blast grit is handled and stored. In addition, Figure 2.3.1 identifies new features located on the site. The text needs to include information regarding the two sumps such as their use, how they are maintained, their condition, contents, etc.
3. Comment 9a: This comment requested that the authors explain why drums observed on-site were not included on Table 2.3.2. No response has been provided. In addition, Table 2.3.2 does not adequately describe the type, capacity, contents and location of hazardous substances/wastes storage unit(s) on the site. Please provide this information.



Mr. Allan Chow
February 17, 1994
Page Two

4. Comment 9b: Figure 2.3.2 shows the location of an underground crude oil tank, but does not show the location of any current hazardous substances/wastes. For example, where are the resins and MEK stored?
5. Comment 13b: It is difficult to determine from Figure 2.3.1 what areas are asphalt, concrete or dirt. It appears from the figure that the entire site is either paved with asphalt or concrete; however, the text indicates that some areas are soil.
6. Comment 13c: Were facility employees or owners asked to identify the contents of the drums observed on-site? Also, the comment requested that the number of drums observed be noted.
7. Comment 15: This comment requested that the scientific names of the flora and fauna identified be included in the table to avoid confusion. Explain why the names were not included.
9. Comment 24: This comment asked for clarification as to why only the top three feet of soil were recommended for removal. No response was provided. Please explain why.
10. Comment 26, Appendix B: The second page of boring log PP-8 was not included. Please provide the log.

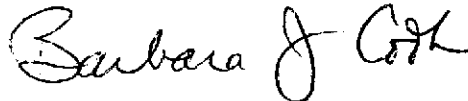
The response to General Comment 2 states that STLCs and TTLCs are "used to determine the potential for risks to human health and environment." STLCs and TTLCs are not used when calculating risk as shown by section 6.0 of this report. As stated earlier STLC and TTLC values are used only to determine if a waste is a hazardous waste.

Finally, due to the new information provided regarding the sand blast unit, sumps and grill, Section 7.4 (Additional Information) should include investigation of the sumps and grill and their surrounding areas (soil and groundwater), and delineation and characterization of the spent sand blast material.

Mr. Allan Chow
February 17, 1994
Page Three

If you have any questions regarding this letter, please call
Lynn Nakashima of my staff at (510) 540-3839.

Sincerely,



Barbara J. Cook, P.E., Chief
Site Mitigation Branch

cc: Ms. Susan Hugo
Alameda County Health Agency
Department of Environmental Health
80 Swan Way, Room 350
Oakland, California 94621

Mr. Richard Hiett
Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

REGION 2
700 HEINZ AVE., SUITE 200
BERKELEY, CA 94710-2737

(510) 540-3724



93 AUG 27 AM 11:35

August 26, 1993

Mr. Allan Chow
Department of Transportation
District 4 Environmental Engineering
P.O. Box 23660
111 Grand Ave.
Oakland, California 94623-0660

Dear Mr. Chow:

**COMMENTS TO PRELIMINARY ENDANGERMENT ASSESSMENT, PHOENIX 800,
CYPRESS RECONSTRUCTION - PHASE 2, 800 CEDAR STREET, OAKLAND**

The Department has reviewed the PEA for the Phoenix 800 site located at 800 Cedar Street, Oakland. Due to the contractor's inability to inspect and sample within the warehouse, and the lack of information regarding past activities, additional investigation is necessary to fully characterize the site. Please find enclosed general and specific comments regarding the PEA. Comments regarding the Base Line Risk Assessment portion of the report will be provided under separate cover.

If you have any questions regarding this letter, or comments, please call me at (510) 540-3839.

Sincerely,

A handwritten signature in cursive script that reads "Lynn Nakashima".

Lynn Nakashima
Associate Hazardous Materials
Specialist
Site Mitigation Branch

Enclosures
cc: See next page.



located inside of the warehouse.

15. Table 4.2.6: This table contains a typographical errors. Change "California Leust Tern" to "California Least Tern", and change "Saltwater Harvest Mouse" to "Salt Marsh Harvest Mouse." In addition, the scientific names should be included in the table to avoid confusion.
16. Section 4.3.2, Prevailing Daily Wind Direction and Average Velocity at the site, and Section 4.3.3, Local Climatic Factors: State where the information contained in Tables 4.3.2 and 4.3.3 were collected from. Was the data actually collected at the site or from some nearby location?
17. Section 4.3.7, Schools, Day Care Centers, etc., Possibly Exposed to Potential Release from Site: All of the facilities located on Figure 4.1.10 are not listed on Table 4.3.7. Please include all identified facilities and their distance to the site.
18. Section 4.3.8, Additional Areas Possibly Exposed to a Potential Release from the Site:
 - a. Figure 4.3.8.a is difficult to read as there are a number of features shown. Also, an explanation needs to be included in the text explaining what the titles shown on the map (e.g. Peralta Villa, Clawson, etc.) represent.
 - b. This section needs to identify commercial/industrial areas that may be possibly exposed to potential releases from the site
19. Section 5.1, Past Sampling Activities: This section should define the specific sampling objectives of each investigation done. A map showing the sample locations, name of analytical laboratory, sampling methods, and QA/QC analysis all need to be included.
20. Section 5.2.3, Sample Collection and Analysis:
 - a. Please explain the rationale behind the decision to replace three monitoring wells with three hydropunch samples, especially when petroleum hydrocarbons were a chemical of concern. It is the Department's understanding that hydropunch samples are commonly collected approximately two feet below the groundwater/soil interface and would not detect floating product. In addition, hydropunch sampling was not included in the Phase 2 Sampling and Analysis Plan. Was an amendment made to the plan?
 - b. Explain why sample 2A was collected and analyzed for TPH-g rather than the sample collected at 6 feet bgs. The boring log reports a faint product odor at 6 feet, but no odor at 2 or 4 feet.
21. Section 5.3, Evaluation of PEA Sampling Results: This

- section needs to state whether the Sampling and Data Quality objectives were met. A qualitative analysis of the data quality also needs to be included. The inclusion of laboratory data sheets is inadequate.
22. Section 5.3.1, Sample Analysis: Please explain why groundwater samples were analyzed only for TPH-diesel and not for TPH-gasoline when a gasoline UST is located on site, and previous samples detected gasoline in groundwater.
 23. Table 5.3.1.c: Include the sample depths on this table. Also, the analysis for chromium was not for trivalent chrome, but for total chromium. Please correct this heading.
 24. Table 5.3.1.d: The analysis for chromium was for total chromium. Please correct this heading.
 25. Section 7.0, PEA conclusions and Recommendations: Due to the number of unknowns identified in this report (e.g. current and past uses of hazardous substances, manufacturing processes, etc.), and the inability to enter, inspect, and collect samples inside of the warehouse, the Department cannot agree with the conclusion that there is no evidence of environmental impact. The Department does agree that additional information is needed to determine the vertical and lateral extent of known contaminants. Additional investigation is also needed to determine if contamination exists in the interior of the warehouse. The samples collected to date do not appear to have been located near potential areas of concern (e.g. past storage areas, previous manufacturing areas, stained areas of soil, etc.). In addition, additional sampling of the building should be done prior to demolition to determine whether residues are present on interior surfaces.
 26. Section 7.4, Additional Information: It is not clear why determination of the extent of contamination is proposed only to 3 feet bgs. Any investigation should identify the full extent of vertical and lateral contamination.
 27. Section 9.0.1, Underground Storage Tank Removal: Was the 13,000 gallon oil tank used by Dunn Cracker Company removed? If not, the tank should also be excavated.

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

REGION 2
700 HEINZ AVE., SUITE 200
BERKELEY, CA 94710-2737

(510) 540-3724



93 AUG 27 AM 11:36

August 25, 1993

Mr. Allan Chow
Department of Transportation
District 4 Environmental Engineering
P.O. Box 23660
111 Grand Ave.
Oakland, CA 94623-0660

Dear Mr. Agarwal:

**DRAFT PRELIMINARY ENDANGERMENT ASSESSMENT (PEA), CYPRESS
RECONSTRUCTION - PHASE 2, PHOENIX PROPERTIES, 524 CEDAR STREET,
OAKLAND**

The Department has reviewed the PEA for the Phoenix property located at 524 Cedar Street. Please find enclosed comments regarding the report, and comments from the Department's Office of Science Advisor (OSA). The Department concurs with the conclusion presented in the PEA that a removal action is warranted; however, the Department does not accept the Baseline Risk Assessment (see comments from OSA). Some of the methods and assumptions used in the risk assessment do not agree with the Department's guidance. In order to expedite the remediation of the site so that the Cypress Reconstruction can proceed, the Department will not require that a revised PEA risk assessment be submitted; however, acceptable removal goals need to be developed for the site.

If you have any questions regarding this letter, or the comments, please call me at (510) 540-3839.

Sincerely,

A handwritten signature in cursive script that reads 'Lynn Nakashima'.

Lynn Nakashima
Associate Hazardous Materials
Specialist
Site Mitigation Branch

Enclosures
cc: See next page.



Mr. Allan Chow
August 25, 1993
Page Two

cc: Ms. Susan Ingo
Alameda County Health Agency
Department of Environmental Health
80 Swan Way, Rm 350
Oakland, CA 94621

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

Mr. Ronald W. Michelson
On-Site Technologies, Inc.
1715 South Bascom Avenue
Campbell, CA 95008

Comments to Preliminary Endangerment Assessment
Phoenix 524
524 Cedar Street
Cypress Reconstruction - Phase 2
Draft - May 1993

General Comments:

1. The document's split of text and tables was at times cumbersome to use. We recommend that short summaries or explanations be included in the text especially when the tables state that the information is unknown.
2. The document compares sampling results to Total Threshold Limit Concentrations (TTLIC) and to Soluble Threshold Limit Concentrations (STLC). Please explain the comparison what is being made. TTLIC and STLC values are only used to determine whether a waste is or is not a hazardous waste. The values are not considered when determining clean-up goals.
3. The report needs to include a section on Environmental Threat Assessment.
4. A current site map showing the locations of the various operations and structures needs to be included.

Specific Comments:

1. Section 2.1.1 and 2.1.2, Site Name and Street Address: It is unclear why the document lists two different street addresses with two different site names. Please clarify this relationship.
2. Section 2.1.6, EPA Identification Number: Indicate in the text who the EPA identification number is assigned to, and for what address.
3. Section 2.1.7, DTSC ASPIS Database Number: The Site is currently listed on the CALSITES Database. The number is 01330038, and should be included in the text.
4. Section 2.1.10: The map provided is unclear and it is difficult to determine the location of the site. A more detailed, site specific map is needed.
5. Sections 2.2.1 (Business Types), and 2.2.2 (Years of Operation): The information presented in Table 2.2.1 appears to be incomplete when compared to information contained in reports found in the appendices. For example, a report found in Appendix B states that the site was leased to a container company in 1971, and not in 1983 as Table

- 2.2.1 indicates. The report also states and contains aerial photographs showing that a truck steam cleaning operation existed on the site in the 1950's, yet no mention is made in the table. Either explain why this information was not included in the table, or update the table.
6. Section 2.2.4, Property Owners: The report contained in Appendix B states that Mr. Wendell Russell and Mr. Francis Collins were previous owners of the property. Their names should be added to Table 2.2.1, or explain why they are not included.
 7. Section 2.2.5, Site Business Activities or Manufacturing Processes:
 - a. The information contained in the third column of Table 2.2.5 needs to be clarified. The heading indicates that the information provided is the quantity of product sold on an annual basis. The information implies that hazardous materials are sold by the container corporation.
 - b. The table also needs to indicate what specific types of hazardous materials are associated with the quantities listed.
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 9. Section 2.3.2, On-Site Storage, Treatment, Disposal:
 - a. Page 10 of the report states that during a site visit, several drums that appeared to "contain hazardous substances" were observed. Table 2.3.2 does not include this information. Please explain why, or add the information to the table.
 - b. A map needs to be included showing the location of all current storage areas.
 - c. Earlier reports and this report state that a steam-cleaning operation previous and currently exists on the site. Was there in the past or is there currently an

oil/water separator associated with the activity?

d. This section needs to describe any practices which would constitute waste recovery or recycling. Is the used sand blast grit reused or recycled? If so, indicate the volumes recovered/recycled annually.

10. Section 2.3.3, Regulatory Status: Does the facility have a permit from the Bay Area Air Quality Management District to operate the sand blast unit?
11. Section 4.1.3, Environmental Impacts of Releases from the Site: State whether stained soil was observed during the site inspection?
12. Section 4.1.5, Soil Permeability: Describe the least permeable continuous layer under the site.
13. Section 4.1.9, Measures to prevent Exposures to Contaminated Soil:
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 - b. Is the area around the building, steam cleaner, and garage paved or are the areas surrounded by soil?
 - c. Explain why the drums found on site are believed to contain hazardous substances. Were the drums labeled, were employees interviewed, etc? Also specify the exact number of drums observed.
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18. Table 5.1.b: The both columns for boring B-5 show that samples were collected from 1.5 feet. Is this correct? The table should also indicate when the samples were collected.
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Comments to Preliminary Endangerment Assessment
Phoenix 524
524 Cedar Street
Cypress Reconstruction - Phase 2
Draft - May 1993

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Memorandum

To : Lynn Nakashima
Region 2, Site Mitigation
700 Heinz Ave., Bldg F, Second Floor
Berkeley, California 94710

Date: August 19, 1993

From : Office of the Science Advisor (OSA)
400 P Street, 4th Floor
P. O. Box 806
Sacramento, CA 95612-0806
(916) 255-2049 ATSS: 494-2049

Subject: Phoenix 524 (Cypress) PCA Code 11020 Site Code 200348-00

Document Reviewed: Preliminary Endangerment Assessment 524 Cedar Street (Cypress Reconstruction Phase 2) by On-Site Technonogies, dated May, 1993.

General Comments:

We reviewed only section 6, Baseline Risk Assessment. We assume that the supporting material in other sections is deemed adequate by regional staff.

Specific Comments

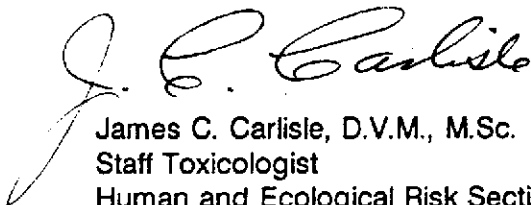
1. Table 6.1.2 disagrees with the text and is incorrect. The concentrations multiplied by 1/SF have no relevance. The calculations should be as in the text on page 23. The risk factors based on the low concentration should be omitted. The cancer potency factors should be the current values from the California Environmental Protection Agency. The Reference Doses should be values promulgated into California regulations or the current values from USEPA's Integrated Risk Information Service or Health Effects Assessment Summary Tables.
2. The fourth paragraph in section 6.2.2.1 is virtually identical to the third paragraph in section 6.2.2.2.
3. Section 6.2.3.1.1: The air pathway cannot be eliminated simply because there are no data. Air suspension models are available (1).
4. Section 6.2.3.4.2: The second sections should be supported by a reference or deleted.
5. Chromium may not be eliminated as an indicator chemical. Unspeciated chromium must be treated as Cr⁺⁶.
6. Section 6.4.2.2.2: The surface area for the worker is too low; however, the worker scenario is not required in a PEA. Absorption and dermal loading factor are too high see guidance (1).

enclosure 2

7. A blood lead level of 50 ug/dl (0.00005%) supports a diagnosis of acute lead poisoning. A blood lead concentration of >10 ug/dl is indicative of possible chronic lead poisoning.

Summary and Conclusions

The PEA does not follow DTSC guidance (1) and is not acceptable. However, since the conclusion is that this site does not pass the screen and that more work is needed, a conclusion with which we agree, the risk assessment portion of the PEA need not be re-submitted.



James C. Carlisle, D.V.M., M.Sc.
Staff Toxicologist
Human and Ecological Risk Section

Reviewed by: Michael J. Wade, Ph.D., DABT *MJW*
Senior Toxicologist
Human and Ecological Risk Section

REFERENCE

- (1). DTSC 7/29/93, Preliminary Endangerment Assessment Guidance Manual, California Environmental Protection Agency.