

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

January 9, 2003

Linda Champion
9441 Laguna Lake Way
Elk Grove, CA 95758

Dear Ms. Champion:

Subject: Fuel Leak Case No. RO0000133, City of Paris Cleaners, 3516 Adeline Street, Oakland, CA

Alameda County Environmental Health (ACEH) staff has reviewed the "Groundwater Testing Report - 1st Quarter 2002," dated April 25, 2002, prepared by Well Test, Inc. We request that you address the following technical comments and send us the technical reports requested below.

TECHNICAL COMMENTS

- 1) Risk Evaluation - During the most recent groundwater sampling event on March 22, 2002, Total Petroleum Hydrocarbons as Stoddard Solvent (TPH-SS) were detected as high as 11,000 ug/l, found in monitoring well MW-1. These were the first samples since 1997. The California Regional Water Quality Control Board San Francisco Bay Region's (CRWQCB-SF) Tier 1 RBSL's for TPH-Gasoline (TPH-G) where groundwater is not a current or potential drinking water resource of 5,000 ug/l was exceeded. Therefore, the TPH-SS concentrations must be reduced to the CRWQCB-SF Tier 1 RBSL or higher if a site specific risk evaluation can show that it will not be detrimental to human health or the environment. Or perform a site specific risk evaluation which shows that the TPH-SS concentrations found will not be detrimental to human health or the environment.
- 2) Groundwater Monitoring - In addition to TPH-SS, other contaminants detected on March 22, 2002 were Methyl tert-Butyl Ether (MTBE) at up to 31 ug/l, 1,2-Dichlorobenzene (1,2-DCB) at up to 0.61 ug/l, and naphthalene at up to 130 ug/l. Benzene, Toluene, Ethyl Benzene, Xylene (BTEX), were not detected in any of the samples collected. Since the TPH-SS concentration was high, continue groundwater monitoring and sampling for TPH-SS.

TECHNICAL REPORT REQUEST

Please submit technical reports to the Alameda County Environmental Health (Attention: Don Hwang), according to the following schedule:

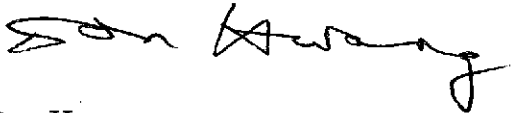
March 6, 2003 –

- a) 3rd Quarter Groundwater Monitoring Report
- b) Workplan to reduce TPH-SS groundwater concentrations to the CRWQCB-SF Tier 1 RBSL or higher if a site specific risk evaluation can show that it will not be detrimental to human health or the environment or a workplan to perform a site specific risk evaluation which shows that the TPH-SS found will not be detrimental to human health or the environment.
- c) 4th Quarter Groundwater Monitoring Report

April 31, 2003 – 1st Quarter Groundwater Monitoring Report

These reports are being requested pursuant to the Regional Water Quality Control Board's (Regional Board) authority under Section 13267 of the California Water Code. If you have any questions, please call me at 510-567-6746.

Sincerely,



Don Hwang
Hazardous Materials Specialist
Local Oversight Program

C: Bill Dugan, Well Test, Inc., 1180 Delmas Ave., San Jose, CA 95125

✓file

ALAMEDA COUNTY
HEALTH CARE SERVICES

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

March 13, 2002

Linda Champion
9441 Laguna Lake Way
Elk Grove, CA 95758

Dear Ms. Champion:

Subject: Fuel Leak Case No. RO0000133, City of Paris Cleaners, 3516 Adeline Street, Oakland, CA

Alameda County Environmental Health (ACEH) staff has reviewed the "Reply to ACHCA 3/11/01 Letter," dated September 17, 2001, prepared by Well Test, Inc. We request that you address the following technical comments, perform the proposed work, and send us the technical reports requested below.

TECHNICAL COMMENTS

1. Industrial Well Sampling and Destruction – We are currently evaluating this site for case closure. We are agreeable with your consultant's desire to destroy the onsite industrial well. Well destruction permits may be obtained from the Water Resources Section of the Alameda County Public Works Agency, at 510-670-5554, 510-782-1939 FAX. Please submit a copy of the well destruction permit and a Report of Well Destruction according to the schedule below.

Additionally, we request that groundwater sampling and analysis be performed on this well prior to destruction. Please analyze the groundwater sample for Total Petroleum Hydrocarbons as Stoddard Solvent (TPH-SS); Benzene, Toluene, Ethyl Benzene, Xylene (BTEX), and Methyl tert-Butyl Ether (MTBE) by EPA Method 8260; Volatile Halocarbons by EPA Method 8010; and Semi-Volatile Organics by EPA Method 8270. Report the results of your work in the Groundwater Monitoring Report requested below.

2. Groundwater Monitoring – We note that the groundwater monitoring has not occurred since 1997 at which time concentrations for some of the contaminants of concern were increasing. We request that you perform an additional groundwater monitoring event to assist with our evaluation of this site. Please measure depth to water and collect and analyze groundwater samples from all monitoring wells for TPH-SS, BTEX, and MTBE by EPA Method 8260. We request that you redevelop your monitoring wells prior to sampling. Report the results of your work in the Groundwater Monitoring Report requested below.

TECHNICAL REPORT REQUEST

Please submit technical reports to the Alameda County Environmental Health (Attention: Don Hwang), according to the following schedule:

April 30, 2002 – Groundwater Monitoring Report

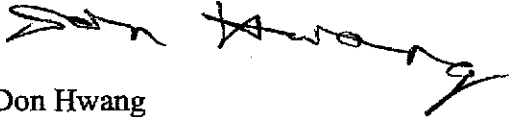
30 days after well destruction – Report of Well Destruction

Ms. Champion
March 13, 2002
Page 2 of 2

These reports are being requested pursuant to the Regional Water Quality Control Board's (Regional Board) authority under Section 13267 of the California Water Code.

If you have any questions, please call me at 510-567-6746.

Sincerely,

A handwritten signature in black ink that reads "Don Hwang". The signature is written in a cursive style with a long, sweeping tail on the "g".

Don Hwang
Hazardous Materials Specialist
Local Oversight Program

C: Bill Dugan, Well Test, Inc., 1180 Delmas Ave., San Jose, CA 95125

file

May 3, 2002

MAY 08 2002

Alameda County Health Services Agency
ATTN: DON HWANG
Department of Environmental Health
Environmental Protection Division
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

STID: 819
Claim # 2192
RE: City of Paris Cleaners, 3516 Adeline Street, Oakland,
California 94608

Dear Mr. Hwang,

Enclosed please find the copy of WellTest Inc., well samplings and lab work per your request on March 13, 2002. I look forward to hearing from you as to what our next course of action is. It is my determination to get this site closed as soon as possible. This has been almost 11 very long years of complying with every request and I pray we are close to a complete closure. I look forward to hearing from you.

Thank you,

Linda Champion
Linda Champion
9441 Laguna Lake Way
Elk Grove, California 95758-4223
(916) 684-2993
(916) 684-9799 fax

Enclosure

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

March 13, 2002

Linda Champion
9441 Laguna Lake Way
Elk Grove, CA 95758

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Subject: Fuel Leak Case No. RO0000133, City of Paris Cleaners, 3516 Adeline Street, Oakland, CA

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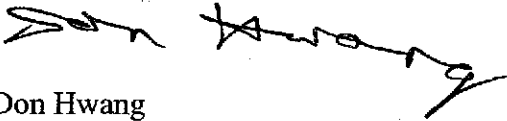
30 days after well destruction – Report of Well Destruction

Ms. Champion
March 13, 2002
Page 2 of 2

These reports are being requested pursuant to the Regional Water Quality Control Board's (Regional Board) authority under Section 13267 of the California Water Code.

If you have any questions, please call me at 510-567-6746.

Sincerely,

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Don Hwang
Hazardous Materials Specialist
Local Oversight Program

C: Bill Dugan, Well Test, Inc., 1180 Delmas Ave., San Jose, CA 95125

file

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

March 13, 2002

Linda Champion
9441 Laguna Lake Way
Elk Grove, CA 95758

Dear Ms. Champion:

Subject: Fuel Leak Case No. RO0000133, City of Paris Cleaners, 3516 Adeline Street, Oakland, CA

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TECHNICAL REPORT REQUEST

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April 30, 2002 – Groundwater Monitoring Report

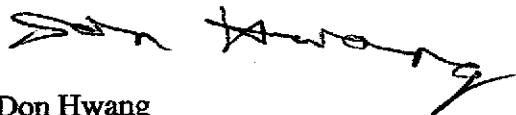
30 days after well destruction – Report of Well Destruction

Ms. Champion
March 13, 2002
Page 2 of 2

These reports are being requested pursuant to the Regional Water Quality Control Board's (Regional Board) authority under Section 13267 of the California Water Code.

If you have any questions, please call me at 510-567-6746.

Sincerely,

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Don Hwang
Hazardous Materials Specialist
Local Oversight Program

C: Bill Dugan, Well Test, Inc., 1180 Delmas Ave., San Jose, CA 95125

file

RO133
DH

C A M B R I A

December 20, 2001

Current Resident
3516 Adeline Street
Oakland, California

Re: **WELL SURVEY**

Dear Sir or Madam:



Cambria Environmental Technology, Inc. is an environmental consulting firm. We recently reviewed well records for the Adeline Street area provided by the California Department of Water Resources. During our review, we located a well record for the property at 3516 Adeline Street in Oakland. The record indicates a 97-foot deep industrial well was installed at that property approximately 70 feet southwest of 35th Street and 120 feet northeast of Adeline Street. No installation date was provided.

We would like to obtain information about the well, including whether it still exists, the current use and any construction information (total depth, diameter, etc.) you may have. The attached well survey questionnaire lists the type of information we are looking for. We would greatly appreciate your completing the attached form and returning it to us in the stamped, addressed envelope provided.

Thank you in advance for your time. If you have any questions or would like to complete the questionnaire via telephone, please do not hesitate to call me at (510) 420-3316.

Sincerely,
Cambria Environmental Technology, Inc.

Jacquelyn L. Jones
Project Geologist

Enclosures: Questionnaire

cc: Susan Hugo, Alameda County Health Care Services Agency, 1131 Harbor Bay Parkway,
Suite 250, Alameda, California 94502-6577

G:\Oakland 3420 San Pablo\Well Survey\3516 tenant Cover letter.doc

Oakland, CA
San Ramon, CA
Sonoma, CA

**Cambria
Environmental
Technology, Inc.**

1144 65th Street
Suite B
Oakland, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170

CAMBRIA

December 20, 2001

Dear Resident:

In cooperation with the Alameda County Health Care Services Agency, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial/monitoring) in your area. We are contacting you in reference to the property listed below. We would appreciate your assistance by taking a moment to call Jacquelyn Jones at (510) 420-3316 with the following information or fill out this questionnaire and mail it to Jacquelyn Jones, Cambria Environmental, 1144 65th Street, Oakland, California 94608, in the addressed, stamped envelope provided. Please call us with any questions regarding this survey.

Property Address: 3516 Adeline Street, Oakland, CA

APN: 055 -0478-023-00

(1) TENANT NAME: _____
ADDRESS: _____
DAY TIME PHONE: _____

(2) OWNER NAME: (if other than yourself/tenant) _____
ADDRESS: _____
DAY TIME PHONE: _____

(3) Are there any known domestic, irrigation or other types of wells on or near your property: (circle one)

YES UNKNOWN NO

If you answered "YES" to (3) above, please provided the following details:

NUMBER OF WELLS: _____ WELL DIAMETER: _____
WELL DEPTH: _____ DATE OF INSTALLATION: _____
WELL MATERIAL: (circle one) PVC plastic steel brick/clay other _____
FREQUENCY OF USE: _____
SCREEN INTERVAL: _____ WELL WATER USE: _____
WELL OWNER: _____
WELL ADDRESS: _____

(4) Are you aware of any abandoned wells on your property: (circle one)

YES UNKNOWN NO

Additional Comments:

C A M B R I A

December 20, 2001

Debra Buckley
PO Box 8722
Emeryville, CA 94662-0722

DEC 28 2001

Re: **WELL SURVEY**
3516 Adeline Street
Oakland, California

Dear Ms Buckley:

Cambria Environmental Technology, Inc. is an environmental consulting firm. We recently reviewed well records for the Adeline Street area provided by the California Department of Water Resources. During our review, we located a well record for your property at 3516 Adeline Street in Oakland. The record indicates a 97-foot deep industrial well was installed at that property approximately 70 feet southwest of 35th Street and 120 feet northeast of Adeline Street. No installation date was provided.

We would like to obtain information about the well, including whether it still exists, the current use and any construction information (total depth, diameter, etc.) you may have. The attached well survey questionnaire lists the type of information we are looking for. We would greatly appreciate your completing the attached form and returning it to us in the stamped, addressed envelope provided.

Thank you in advance for your time. If you have any questions or would like to complete the questionnaire via telephone, please do not hesitate to call me at (510) 420-3316.

Sincerely,
Cambria Environmental Technology, Inc.



Jacquelyn L. Jones
Project Geologist

Oakland, CA
San Ramon, CA
Sonoma, CA

Enclosures: Questionnaire

**Cambria
Environmental
Technology, Inc.**

cc: Susan Hugo, Alameda County Health Care Services Agency, 1131 Harbor Bay Parkway,
Suite 250, Alameda, California 94502-6577

1144 65th Street
Suite B
Oakland, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170

G:\Oakland 3420 San Pablo\Well Survey\3516 Cover letter.doc

CAMBRIA

December 20, 2001

Debra Buckley
PO Box 8722
Emeryville, CA 94662-0722

Dear Property Owner:

In cooperation with the Alameda County Health Care Services Agency, Cambria Environmental Technology is conducting a survey of all the wells (domestic/irrigation/cathodic/industrial/monitoring) in your area. We are contacting you in reference to the property listed below. We would appreciate your assistance by taking a moment to call Jacquelyn Jones at (510) 420-3316 with the following information or fill out this questionnaire and mail it to Jacquelyn Jones, Cambria Environmental, 1144 65th Street, Oakland, California 94608, in the addressed, stamped envelope provided. Please call us with any questions regarding this survey.

Property Address: 3516 Adeline Street, Oakland, CA
APN: 055 -0478-023-00

(1) TENANT NAME: _____
ADDRESS: _____
DAY TIME PHONE: _____

(2) OWNER NAME: (if other than yourself/tenant) _____
ADDRESS: _____
DAY TIME PHONE: _____

(3) Are there any known domestic, irrigation or other types of wells on or near your property: (circle one)

YES UNKNOWN NO

If you answered "YES" to (3) above, please provided the following details:

NUMBER OF WELLS: _____ WELL DIAMETER: _____
WELL DEPTH: _____ DATE OF INSTALLATION: _____
WELL MATERIAL: (circle one) PVC plastic steel brick/clay other _____
FREQUENCY OF USE: _____
SCREEN INTERVAL: _____ WELL WATER USE: _____
WELL OWNER: _____
WELL ADDRESS: _____

(4) Are you aware of any abandoned wells on your property: (circle one)

YES UNKNOWN NO

Additional Comments:

September 18, 2001

SEP 24 2001

Linda Champion
9441 Laguna Lake Way
Elk Grove, California 95758-4223
(916) 684-2993
(916) 684-9799 fax

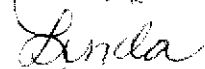
Alameda County Health Care Services
Environmental Protection
ATTN: Don Hwang
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

**Re: City of Paris Cleaners 3516 Adeline Street, Oakland
94608
Case #RO0000133 Site 819**

Dear Mr. Hwang,

I am enclosing the letter dated September 17, 2001 from Dugan and Associates in reply to your letter of May 11, 2001. I look forward to putting this site towards closure as soon as it is possible. Please feel free to call me at the number above and I look forward to hearing from you soon.

Thank you,



Linda Champion

Enclosure

September 18, 2001

Linda Champion
9441 Laguna Lake Way
Elk Grove, California 95758-4223
(916) 684-2993
(916) 684-9799 fax

Alameda County Health Care Services
Environmental Protection
ATTN: Don Hwang
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

**Re: City of Paris Cleaners 3516 Adeline Street, Oakland
94608
Case #RO0000133 Site 819**

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Thank you,

Linda Champion

Enclosure

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

May 11, 2001

Linda Champion
9441 Laguna Lake Way
Elk Grove, CA 95758

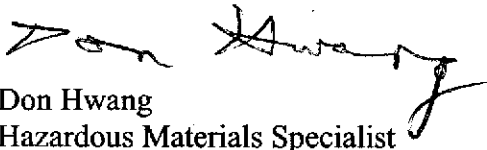
Dear Ms. Champion:

Subject: City of Paris Cleaners, 3516 Adeline St., Oakland, CA 94608
RO0000133

A review of the concentrations of Total Petroleum Hydrocarbons-Stoddard Solvent (TPH-SS) found in the groundwater at the aforementioned site showed that the grab groundwater sample, W- EB1-18, collected from boring EB-1 on March 19, 1998 had a concentration of TPH-SS of 270,000 ug/l. Groundwater from monitoring wells MW-1 and MW-2 which were within 15 feet of boring EB-1 had a maximum concentration of TPH-SS of 42,000 ug/l during their sampling period which was from November 18, 1992 to November 14, 1997 and concentrations of TPH-SS of 10,000 ug/l and 130 ug/l, respectively, for the last monitoring event on November 14, 1997. Please explain why there is such a difference in the groundwater concentrations of TPH-SS collected from boring EB-1 on March 19, 1998 compared to those from monitoring wells MW-1 and MW-2 from November 18, 1992 to November 14, 1997.

If you have any questions, I can be reached at (510) 567-6746.

Sincerely,


Don Hwang
Hazardous Materials Specialist

C: Chuck Headlee, RWQCB

Bill Dugan, Dugan Associates, 1180 Delmas Ave., San Jose, CA 95125

✓ File

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

March 6, 2001

Linda Champion
9441 Laguna Lake Way
Elk Grove, CA 95758

Dear Ms. Champion:

Subject: City of Paris Cleaners, 3516 Adeline St., Oakland, CA 94608
StId 819

The onsite industrial well needs to be decommissioned. This may be done when the groundwater monitoring wells are decommissioned. Do not destroy the groundwater monitoring wells until notified to do so by this agency.

The concentration of Total Petroleum Hydrocarbons-Stoddard Solvent (TPH-SS) collected during the latest monitoring event on November 14, 1997 from monitoring well, MW-1, 10,000 ug/l exceeded the California Regional Water Quality Control Board's ceiling value of 5,000 ug/l for TPH. Nevertheless, the plume was demonstrated to not have significantly migrated offsite, a check of the Oakland Watershed map did not find any culverts, and a database search for wells identified the onsite industrial well.

I will be reviewing this case for possible closure. If you have any questions, I can be reached at (510) 567-6746.

Sincerely,

A handwritten signature in black ink that reads "Don Hwang".

Don Hwang
Hazardous Materials Specialist

C: Bill Dugan, Dugan Associates, 1180 Delmas Ave., San Jose, CA 95125

u file



State Water Resources Control Board



Gray Davis
Governor

Division of Clean Water Programs

2014 T Street • Sacramento, California 95814 • (916) 227-7883
Mailing Address: P.O. Box 944212 • Sacramento, California • 94244-2120
FAX (916) 227-4530 • Internet Address: <http://www.swrcb.ca.gov/~cwp/home/ustcf>

ENVIRONMENTAL PROTECTION
00 JAN -3 PM 4:38

Winston H. Hickox
Secretary for
Environmental
Protection

STID 819

December 28, 1999

CC
Ms. Linda Champion
9441 Laguna Lake Way
Elk Grove, CA 95758

**PRE-APPROVAL OF CORRECTIVE ACTION COSTS, CLAIM NO. 2192,
SITE ADDRESS: 3516 ADELINE STREET, OAKLAND**

I have reviewed your request, received on December 17, 1999 for pre-approval of corrective action costs; I will place these documents in your file for future reference. I have included a copy of the "Cost Pre-Approval Request" form; please use this form in the future for requesting pre-approval of corrective action costs.

With the following provisions, the **total cost pre-approved** as eligible for reimbursement is **\$1,688.50**. The cost proposal for this work by Dugan Associates is approved for eligible costs as submitted.

In an effort to expedite future reimbursement requests associated with the implementation of these pre-approved tasks, we request that the attached budget tracking form be completed/updated and submitted with the relevant supporting documentation.

Be aware that this pre-approval does not constitute a decision on reimbursement: all reasonable and necessary corrective action costs for work directed and approved by the local regulator will be eligible for reimbursement per the terms of your Letter of Commitment at costs consistent with those pre-approved in this letter.

***All future costs for corrective action must be approved in writing by Fund staff.
Future costs for corrective action must meet the requirements of
Article 11, Chapter 16, Underground Storage Tank Regulations.***

- The actual costs and scope of work performed must be consistent with the pre-approval for it to remain valid.
- The work products must be acceptable to Alameda County Health Care Services (ACHCS).
- If a different scope of work becomes necessary, then you must request pre-approval of costs on the new scope of work.

California Environmental Protection Agency

- Although I have referred to the Dugan Associates proposal in my pre-approval above, please be aware that you will be entering into a private contract: the State of California cannot compel you to sign any specific contract.

I also want to remind you that the Fund's regulations require that you obtain at least three bids, or a bid waiver from Fund staff, from qualified firms for all future necessary corrective action work.

Please remember that it is still necessary to submit the actual costs of the work as explained in the Reimbursement Request Instructions to confirm that the costs are consistent with this pre-approval before you will be reimbursed. ***Please insure that your consultant prepares their invoices to include the required break down of costs on a time and materials basis, that invoiced tasks are consistent with the original proposal, and that reasonable explanations are provided for any changes made in the scope of work or increases in the costs. When the invoices are submitted you must include copies of all:***

- *subcontractor invoices (includes lab invoices)*
- *technical reports, when available, and*
- *applicable correspondence from ACHCS.*

Please call if you have any questions; I can be reached at (916) 227-7883.

Sincerely,

Mark Owens, Water Resources Control Engineer
Technical Review Unit
Underground Storage Tank Cleanup Fund

cc: Ms. Juliet Shin, Alameda County Health Care Services, Alameda



STID 819
JMS

December 16, 1999

Alameda County
Health Care Services Agency
ATTN: Tom Peacock
Department of Environmental Health
Environmental Protection Division
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

STID: 819
Claim #: 002192
Re: City of Paris Cleaners, 3516 Adeline Street, Oakland, Ca. 94608

Dear Tom,

Enclosed please find the letter of request for pre-approval to the State Water Resource Control Board that I have submitted today for our work plan. Dugan and Associates is prepared to monitor once I receive State Fund approval. I am also aware that we have been awaiting a new case worker and if that information is available yet I would appreciate it. I am looking forward to closure of this site and am working diligently towards that goal. I look forward to hearing from you.

Thank you,

Linda Champion

Linda Champion
9441 Laguna Lake Way
Elk Grove, California 95758
(916) 684-2993
(916) 684-9799 fax

Enclosures

ENVIRONMENTAL
PROTECTION
99 DEC 21 AM 10:34

December 16, 1999

State Water Resources Control Board
2014 T Street, Suite 130
Sacramento, California 95814

**Re: Pre-Authorization Request for Work Plan for Soil and
Groundwater Samplings for 3516 Adeline Street, Oakland,
Claim # 2192**

On September 24, 1999, Juliet Shin, with the Alameda County Department of Environmental Health, sent me her request to set up a work plan for our next step towards closure of our site. Enclosed is the work plan proposed by Bill Dugan that will provide Juliet with the information she needs to either close our site or plan our next course of action. I am enclosing her request letter, our subsequent work plan proposal, her approval of that proposal and Bill Dugan's sampling bid. I am seeking approval for these plans. The monitoring phase is already to be implemented and I am awaiting a bid for what it will take to seal this industrial well. We are within the timeline that has been set up for us on this site. However, I have been informed that we will be receiving a new Oversight Specialist soon. I will submit the bid for the sealing of the industrial well as soon as I receive it. In the mean time, I would like financial approval so we could start with the monitoring as soon as possible. Once we attain approval, we will implement the plan.

Thank you,

Linda Champion
9441 Laguna Lake Way
Elk Grove, California 95758
(916) 684-2993
(916) 684-9799 fax

cc: Tom Peacock

Enclosures

License # RG 6252

Soil & Groundwater Sampling
Certified Sampling Reports**DUGAN ASSOCIATES**1180 Delmas Avenue, San Jose, CA. 95125
Telephone 408/287-2175 Fax 408/287-2176

Bill Dugan, R.G.

SAMPLING and ANALYSES

BID [99Q4-218]

Date: 12/16/99

To: Linda Champion
9441 Laguna Lake Way
Elk Grove, California 95758Site: 3516 Adeline Street
Oakland, CAFrom: 
William R. Dugan, R.G.
Principal

Subject: Bid for Professional Sampling, Laboratory Analyses, and Report Services including: (1) Travel to the site and sample existing groundwater monitoring wells MW-1, MW-2, and MW-3, (2) prepare a chain of custody record, (3) submittal of the groundwater samples to a State-certified Laboratory for chemical analysis [EPA Test Methods 8010 (VOCs) and 8270 (SVOCs)], and (4) preparation of a monitoring report.

<u>Well Sampling</u>	<u>Task</u>	<u>Units</u>	<u>Rate</u>	<u>Cost</u>
Travel	RT SJ-Oakl.	2.0 hr	\$85	\$170.00
Sampling Truck & Crew	Sample/Coord.	4.0 hr	\$85	\$340.00
Laboratory Analyses	EPA Meth 8010 [Purgeable Halocarbons]	3 ea.	\$69	\$207.00
	EPA Meth 8270 [Semi-volatile Organics]	3 ea.	\$207	\$621.00
55-gallon Drum	Water containment	1 ea.	\$35	\$35.00
Disposable Bailers	Sample Collection	3 ea.	\$6	\$18.00
<u>Sampling Report</u>	<u>Task</u>	<u>Units</u>	<u>Rate</u>	<u>Cost</u>
Registered Geologist	Report/Review	2.5 hr	\$85	\$212.50
Drafts Person	Prepare Maps	1.0 hr	\$45	\$45.00
Report Reproduction	client(5)	4.0 ea	\$10	\$40.00

Bid #99Q4-218 Amount

\$1,688.50

[Bid valid for 45 days from December 16, 1999]

Assumptions:

- 1) Assumes the property owner will allow access to the property
- 2) Bid does not include any disposal of purge water [1-55-gallon Drum]
- 3) Laboratory analyses will be performed at standard 5-Business days turnaround time.
- 4) Dugan Associates will require approximately 3 hours on site to perform the work; and will make every effort to minimize impact with the existing onsite business operations.

ACCEPTANCE AND AUTHORIZATION TO PROCEED

The above described Scope of Work and Fee Estimate are Acceptable. Dugan Associates is hereby authorized to proceed as evidenced by my signature below.

Authorized Agent_____
Date

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

ENVIRONMENTAL PROTECTION

1131 Harbor Bay Parkway

Alameda, CA 94502-6577

(510) 567-6700

(510) 337-9432

December 03, 1999

Linda Champion
9441 Laguna Lake Way
Elk Grove, CA 95758

STID: 819

Claim#:002192

Re: Workplan for City of Paris Cleaners, located at 3516 Adeline Street, Oakland, CA

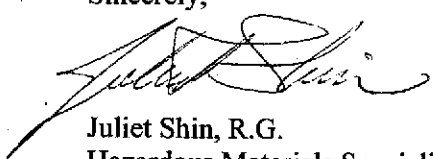
Dear Ms. Champion,

This office has reviewed the November 23, 1999 workplan, prepared by Dugan Associates, for additional investigations at the above site. This workplan is acceptable to this office.

Per the workplan, it is our understanding that Tasks 1-8 will be completed within 3 weeks of this letter (i.e., by December 24, 1999); Tasks 9-12 will be completed within 2 weeks from the submittal of the well sampling report; and Task 13 will be completed at a client directed timeline once the variables of the well location and sealing constraints are known. Please be reminded that all the above tasks must be completed before this site can be considered for closure.

Thank you for your cooperation. If you have any questions or comments, please contact Tom Peacock at (510) 567-6782 and he will direct you to the new caseworker.

Sincerely,


Juliet Shin, R.G.
Hazardous Materials Specialist

Cc: William Dugan
Dugan Associates
1180 Delmas Avenue
San Jose, CA 95125

October 19, 1999

ENVIRONMENTAL
PROTECTION

99 OCT 22 PM 4: 56

Alameda County
Health Care Services Agency
ATTN: Juliet Shin
Department of Environmental Health
Environmental Protection Division
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

STID: 819

Claim #: 002192

Re: City of Paris Cleaners, 3516 Adeline Street, Oakland, Ca. 94608

Dear Juliet,

I am in receipt of your letter dated September 24, 1999. I have been on vacation and did not receive the information until yesterday, October 18, 1999. I will act immediately on your request, but would like to have the 60-day time period revised to start from October 18, 1999. I will contact our Geologist and have the work plan started right away and submit it to you as soon as I receive it.

Also, could you please delete Leah Champion from your list of people to inform on this matter as she was an in-law who is no longer a part of our case. Thank you. Please let me know if you need anything from me at all.

Thank you,



Linda Champion
9441 Laguna Lake Way
Elk Grove, California 95758
(916) 684-2993
(916) 684-9799 fax

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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

September 24, 1999

Linda Champion
9441 Laguna Lake Way
Elk Grove, CA 95758

STID: 819

Claim #: 002192

Re: City of Paris Cleaners, 3516 Adeline Street, Oakland, CA 94608

Dear Ms. Champion,

Per our earlier conversations, I, Juliet Shin, have been designated as the new Alameda County Hazardous Materials Specialist to oversee investigations at the above site. Based on my review of the case files, four stoddard solvent underground storage tanks (USTs) were formerly located at the above site (one 250-gallon; one 750-gallon; and two 1,000-gallon USTs). These USTs were removed from the site in October 1990 and October 1991. Six soil samples collected from below the 750-gallon and two 1,000-gallon USTs were analyzed for Total Petroleum Hydrocarbons as gasoline (TPHg) and benzene, toluene, ethylbenzene, and total xylenes (BTEX). Analysis of these samples identified up to 1,000 parts per million (ppm) TPHg, 0.054ppm toluene, 0.4ppm ethylbenzene, and 19ppm total xylenes. One soil sample was collected from below the 250-gallon UST and analyzed for TPH as diesel (TPHd) and BTEX. Analysis of this sample identified 130ppm TPHd, 0.42ppm toluene, 0.27ppm ethylbenzene, and 1.5ppm total xylenes.

On August 30, 1991, 44 cubic yards of soil was overexcavated from around the former USTs. Subsequently, on January 17, 1992, an additional 15 cubic yards of soil was overexcavated from this area. Four soil samples, (N1-9; S1-9; E1-7; and W1-9) were collected from the excavation boundaries and analyzed for TPH as Stoddard Solvent (TPHss), TPHd, and BTEX. Analysis of these soil samples identified up to 140ppm TPHss, 110ppm TPHd, 0.022ppm toluene, and 0.41ppm total xylenes. All the excavated soil was bioremediated on site and used as backfill.

In October 1992, three monitoring wells, MW-1 through MW-3, were installed at the site. Two soil samples were collected from each of the three well locations and analyzed for TPHss, TPHd, and BTEX. Analysis of these soil samples identified up to 210ppm TPHss, 0.026ppm benzene, 0.55ppm toluene, 0.13ppm ethylbenzene, and 0.36ppm total xylenes. Although Table 1 of Uriah Environmental Services' March 31, 1993 report states that the soil samples were analyzed for chlorobenzene and 1,3 dichlorobenzene, this office has no laboratory analytical results indicating that these analysis were ever conducted.

Groundwater samples have been collected from the three on-site monitoring wells off and on between October 1992 and November 1997, and have been analyzed for TPHss, TPHd, TPHg, the fuel oxygenate Methyl Tertiary Butyl Ether (MTBE), and BTEX. Historical groundwater analytical results have identified only low levels of MTBE and BTEX. Any concentrations identified under the TPHg analysis have always been identified by the lab as uncharacteristic of gasoline, and is probably the result of the presence of the heavier TPHss hydrocarbons. Elevated

Site
Summary

Linda Champion
Re: 3516 Adeline
September 24, 1999
Page 2 of 3

levels of TPHss, (with levels as high as 21,000 parts per billion (ppb)), were consistently identified in all three on-site monitoring wells between 1992 and 1997.

Based on the elevated levels of TPHss observed in all three monitoring wells, six additional exploratory borings (EB-1 through EB-6) were emplaced both on site and across 35th Street in March 1998 to delineate the extent of the contaminant plume. Three soil samples and one "grab" groundwater sample were collected from each of the boring locations, and analyzed for TPHss, MTBE, and BTEX. Soil samples collected from EB-1, located on site, identified up to 340ppm TPHss, 0.02ppm benzene, and 1.8ppm total xylenes. Soil samples collected from the other borings did not identify any contamination. Analysis of the "grab" groundwater samples identified groundwater contamination in Borings EB-1 and EB-5, with 270,000ppb TPHss, 93ppb toluene, 66ppb ethylbenzene, and 1,700ppb total xylenes being identified in Boring EB-1 and 780ppb being identified in Boring EB-5.

Based on the results of the above plume delineation work, it appears that the elevated concentrations of TPHss have not significantly migrated off site. According to the resources available to this office, and the opinions of the San Francisco Bay-Regional Water Quality Control Board (RWQCB), TPHss consists of heavier hydrocarbons that do not readily volatilize or migrate, and the levels currently being identified below the site do not appear to be posing a risk to human health or the environment. However, there are two issues of concern remaining at the site:

- In July 1999, this office conducted a database search of the area and identified an industrial well on the property. After contacting the California Department of Water Resources (DWR), it was confirmed that an industrial well is documented as existing on the site (please refer to attached copy of DWR information). This well appears to be drawing water from 42- to 97-feet below ground surface. Due to the fact that this well was built to draw water from the shallower aquifer, lying above the regional Yerba Buena aquitard, this office finds no reason to be concerned about potential cross-contamination between this aquifer and the deeper aquifer underlying the regional aquitard. However, in order to assure that the industrial well will not be made accessible to any "sensitive receptors" in the future, this office is requesting that the industrial well be located and properly destroyed under permit to assure that this well will no longer be used.
- Due to the fact that dry cleaners have historically been associated with using halogenated volatiles (VOCs), such as perchloroethene, and semivolatile organics (SVOCs), this office is requiring that the next round of groundwater samples be analyzed for VOCs and SVOCs to confirm that there has been no release of these constituents from past operations. Analysis for VOCs and SVOCs should be conducted using EPA Methods 8010 and 8270.

If the industrial well is adequately addressed to assure no future exposure to "sensitive receptors", and no VOC or SVOC concentrations are identified in the monitoring wells, the site can be considered for closure. However, the closure will require that any future excavation or

Linda Champion
Re: 3516 Adeline St.
September 24, 1999
Page 3 of 3

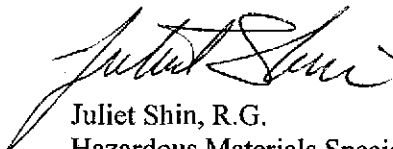
construction work involving contact with the groundwater will require the preparation of a Health & Safety Plan; and that any future pumping and discharge of groundwater into the sewers during any excavation/construction work will require that you contact RWQCB and/or the local sanitary sewer district to determine whether a discharge permit is required.

A workplan to address the two remaining issues should be submitted to this office within 60 days of the date of this letter (i.e., November 19, 1999). Please be reminded to obtain a pre-approval for the cost of the workplan from the State Trust Fund.

Lastly, Mr. Don Rotocil has recently been named as an additional Responsible Party (RP) for investigations at the site, purely because California regulations require the current property owner to be listed as an RP. However, it is the understanding of this office and the State Trust Fund that you are currently the Primary RP for addressing investigations at the site.

Thank you for your cooperation. If you have any questions or comments, please contact me at (510) 5676-6763.

Sincerely,



Juliet Shin, R.G.
Hazardous Materials Specialist

ATTACHMENT

Mr. Don Rotocil
2200 Browning Street
Berkeley, CA 94702

Ms. Leah Champion
P.O. Box 489
Moss Beach, CA 94038

Leroy Griffith
Oakland Hazardous Materials
505 14th Street, Ste 702
Oakland, CA 94612

July 19, 1999

Alameda County
Health Care Services Agency
Environmental Health Services
Environmental Protection
Attention: Juliet Shin
1131 Harbor Bay Parkway
Alameda, California 94502-6577

RE: STID 819

City of Paris Cleaners-- 3516 Adeline Street, Oakland, Calif. 94608

Dear Juliet,

The current Title holder of this site is Don Rostocil. He purchased the property "AS-IS" on December 13, 1994. His address at close of escrow was 2200 Browning Street, Berkeley, California 94702. His telephone number is (510) 526-0887. The way I usually contact him is through his Mother. I call and leave a message with her and he calls me back. His name and current telephone number is all I have. He is very co-operative and has had no problem giving us access for anything we have needed during this cleanup process.

If I can be of further assistance with this, please let me know.

Thank you,



Linda Champion
9441 Laguna Lake Way
Elk Grove, California 95758
(916) 684-2993
(916) 684-9799 fax

ENVIRONMENTAL
PROTECTION
99 JUL 21 PM 3:29

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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

July 15, 1999

STID 819

Linda Champion
9441 Laguna Lake Way
Elk Grove, California 95758

RE: City of Paris Cleaners, 3516 Adeline Street, Oakland, CA 94608

LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS

Dear Ms. Champion:

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

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

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

LANDOWNER NOTIFICATION

Re: 3516 Adeline, Oakland

July 15, 1999

Page 2 of 2

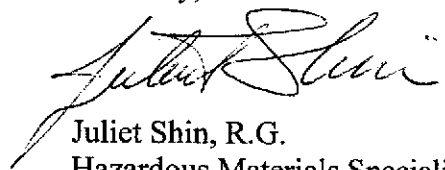
In accordance with Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code, you must certify to the local agency that all current record owners of fee title to the site have been informed of the proposed action before the local agency may do any of the following:

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

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

Please call me at (510) 567-6763 should you have any questions about the content of this letter.

Sincerely,



Juliet Shin, R.G.
Hazardous Materials Specialist

Attachments

SAMPLE LETTER (2): LIST OF LANDOWNERS FORM

Name of local agency
Street address
City

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

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

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

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

Sincerely,

Signature of primary responsible party

Name of primary responsible party

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

Name of local agency
Street address
City

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

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

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

Sincerely,

Signature of primary responsible party

Name of primary responsible party

cc: Names and addresses of all record fee title owners



Cal/EPA

February 4, 1998



Pete Wilson
Governor

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES
98 FEB -5 PM 1:13

**State Water
Resources
Control Board**

Division of
Clean Water
Programs

C/O F.. Champion
Michael Champion
9441 Laguna Lake Way
Elk Grove, CA 95758

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

2014 T Street,
Suite 130
Sacramento, CA
95814
(916) 227-0742
FAX (916) 227-4530

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

**PRE-APPROVAL OF CORRECTIVE ACTION COSTS, CLAIM NO. 2192,
SITE ADDRESS: 3516 ADELINE ST, OAKLAND, CA 94608**

I have reviewed your request, received on January 27, 1998, for pre-approval of corrective action costs; I will place these documents in your file for future reference. I have included a copy of the "Cost Pre-Approval Request" form; please use this form in the future for requesting pre-approval of corrective actions costs.

With the following provisions, the total cost pre-approved as eligible for reimbursement for completing the , Dugan Associates workplan approved by the Alameda County EHD (County) in their letter, is \$ **8,094**; see the table below for a breakdown of costs. (The total amount approved for payment through request number 4 for work at your site that has been directed and approved by the County is \$ 23,713.)

Be aware that this pre-approval does not constitute a decision on reimbursement: all reasonable and necessary corrective action costs for work directed and approved by the County will be eligible for reimbursement per the terms of your Letter of Commitment at costs consistent with those pre-approved in this letter.

All future costs for corrective action must be pre-approved in writing by Fund staff.

COST PRE-APPROVAL BREAKDOWN

Task	Amount Pre-Approved	Comments
Drilling	3690	Submit all invoice, subinvoices and detail labor breakdown for Dugan's activities. This shall include \$/hr. and duties associated with costs.
Laboratory Analysis	2904	Submit all lab subinvoices with next reimbursement report. Is Envirochem's pricing the most cost-efficient? The Fund did receive three bids for this project.
Technical Report	1500	Workplan already completed. Submit copy of Boring Report with next request.
TOTAL PRE-APPROVED	\$ 8,094	

C/O F.. Champion
Michael Champion

-2-

- The actual costs and scope of work performed must be consistent with the pre-approval for it to remain valid.
- The work products must be acceptable to the County and the Regional Water Quality Control Board.
- If a different scope of work becomes necessary, then you must request pre-approval of costs on the new scope of work.
- Although I have referred to the Dugan Associates proposal in my pre-approval above, please be aware that you will be entering into a private contract: the State of California cannot compel you to sign any specific contract. This letter **pre-approves the costs** as presented in the proposal dated January 20, 1998 by Dugan Associates for conducting the work approved by the County for implementing the , Dugan Associates workplan.

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

Please remember that it is still necessary to submit the actual costs of the work as explained in the Reimbursement Request Instructions to confirm that the costs are consistent with this pre-approval before you will be reimbursed. *To make this easier, insure that your consultant prepares his invoices to match the format of the original estimate, and provides reasonable explanations for any changes made in the scope of work or increases in the costs. When the invoices are submitted you must include copies of all:*

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

Please call if you have any questions; I can be reached at (916) 227-0742.

Sincerely,

ORIGINAL SIGNED BY

Leo Savalin, Water Resources Control Engineer
Technical Review Unit
Underground Storage Tank Cleanup Fund

Enclosure

cc:

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



Recycled Paper

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

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

Alameda County CC4580
Environmental Health Services
1131 Harbor Bay Pkwy., #250
Alameda CA 94502-6577
(510)567-6700 FAX(510)337-9335

July 17, 1996

STID# 819

Ms. Linda Champion
9441 Laguna Lake Way
Elk Grove, California 95758

**RE: Soil and Groundwater Investigation at the Former City of
Paris Cleaners - 3516 Adeline Street, Oakland, CA 94608**

Dear Ms. Champion:

The Alameda County Department of Environmental Health, Environmental Protection Division has reviewed the letter proposal (June 24, 1996) prepared by Dugan Associates for the above referenced site. The proposed work to (i) measure water levels in the three wells, (ii) sample the three wells and analyze for TPH stoddard solvent, TPH diesel, TPH gasoline, BTEX and MTBE for two quarterly monitoring periods is acceptable.

The groundwater data collected during these monitoring periods will be used to evaluate if further work will be required or the site can be recommended for case closure.

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

Additionally, please notify this office 72 hours in advance of any field work at the site.

If you have any questions concerning this letter, please contact me at (510) 567-6780.

Sincerely,

Susan L. Hugo
Senior Hazardous Materials Specialist

c: Mee Ling Tung, Director, Environmental Health
Gordon Coleman, Acting Chief, Environmental Protection / files
Kevin Graves, San Francisco RWQCB
Steve Marquez, SWRCB, P.O. Box 944212, Sacramento, CA 94244
Bill Dugan, Dugan Associates, 1023 B Martin Ave, Santa Clara,
95050

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, DIRECTOR

July 17, 1996

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

STID# 819

Ms. Linda Champion
9441 Laguna Lake Way
Elk Grove, California 95758

RE: Soil and Groundwater Investigation at the Former City of
Paris Cleaners - 3516 Adeline Street, Oakland, CA 94608

Dear Ms. Champion:

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The groundwater data collected during these monitoring periods will be used to evaluate if further work will be required or the site can be recommended for case closure.

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

Additionally, please notify this office 72 hours in advance of any field work at the site.

If you have any questions concerning this letter, please contact me at (510) 567-6780.

Sincerely,

Susan L. Hugo
Senior Hazardous Materials Specialist

c: Mee Ling Tung, Director, Environmental Health
Gordon Coleman, Acting Chief, Environmental Protection / files
Kevin Graves, San Francisco RWQCB
Steve Marquez, SWRCB, P.O. Box 944212, Sacramento, CA 94244
Bill Dugan, Dugan Associates, 1023 B Martin Ave, Santa Clara,



Cal/EPA

**State Water
Resources
Control Board**

**Division of
Clean Water
Programs**

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

2014 T Street,
Suite 130
Sacramento, CA
95814
(916) 227-0746
FAX (916) 227-4530

July 3, 1996

STW 89

ENVIRONMENTAL
PROTECTION

96 JUL 11 PM 2:54



Pete Wilson
Governor

Linda Champion
9441 Laguna Lake Way
Elk Grove, CA 95758

Re: Claim 2192 request for pre-approval of quarterly monitoring

Dear Ms. Champion:

I received your three bids on June 28, 1996 for the quarterly monitoring of three wells for the site located at 3516 Adeline Street in Oakland. For future pre-approval, please contact the Fund's Technical Review staff for the appropriate forms.

With the following provisions, I have pre-approved Dugan and Associates (Dugan) quarterly monitoring costs for \$1,173.00/quarter:

- The actual scope of work and costs are consistent with Dugan's costs estimate, dated June 24, 1996.
- The corrective action work is approved and acceptable to the Alameda County Health Care Service Agency (ACHCSA) and the Regional Water Quality Control Board (RWQCB).
- All reports, **subcontractor invoices** and applicable correspondences from the ACHCSA and RWQCB are submitted to the Fund.
- Costs are presented as required in the Fund's Recommended Minimum Invoice Cost Breakdown
- The markups are consistent with the Fund's subcontractor markup policy, dated June 1, 1994.

If you have any questions, please call me at the above number.

Sincerely,

Steve Marquez
Water Resources Control Engineer

cc: Susan Hugo, Alameda County Health Care Services Agency, 131 Harbor Bay Parkway, #250, Alameda, CA 94502-6577
Bill Dugan, Dugan and Associates, 1023B Martin Avenue, Santa Clara, CA 95050

Recycled Paper

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



July 1, 1996

Department Of Environmental Health
State Water Resources Control Board
Division of Clean Water Program
UST Local Oversight Program
Attention: Susan Hugo
1131 Harbor Bay Parkway
Alameda, California 94502-6577

RE: 3516 Adeline Street, Oakland

Site #819

Dear Ms. Hugo,

I have enclosed the copies of the bids that were collected to retain a new Company to continue with the monitoring process of our site. I submitted the perspective bids to Steve Marquez and obtained verbal approval from him on June 27th. My selection from the bidders was Dugan and Associates from Santa Clara. I have spoken with Mr. Bill Dugan and have set Monday, July 8, 1996, at 10am, as our first monitoring date.

I have also enclosed the last monitoring report dated February 8, 1995, from BT Associates, as well as a copy of my letter to Steve Marquez.

I appreciate very much all of the help you have given me as I take on this task. Our goals are the same in the closure of this site as soon as possible. I will be happy to supply any answers to questions or documentation you might need.

Thank you,


Linda Champion
9441 Laguna Lake Way
Elk Grove, California 95758
(916) 684-2993

Enclosures



June 26, 1996

Ms. Linda Champion
9441 Laguna Lake Way
Elk Grove, CA 95758

Re: **Ground Water Monitoring Proposal**
Former City of Paris Cleaners
3516 Adeline Street
Oakland, California

Dear Ms. Champion:

It was a pleasure meeting you at our office on June 18, 1996 to discuss the former City of Paris Cleaners site. As you requested, Cambria Environmental Technology, Inc. (Cambria) is pleased to present this proposal for performing ground water monitoring at your site. Based on our telephone conversation earlier today, it is our understanding that all further site closure requirements and, if necessary, investigation activities will be based on the results of this ground water sampling.

In preparing this proposal, we reviewed the available site information and contacted the lead case worker for this site, Ms. Susan Hugo of the Alameda County Health Care Services Agency (HCSA). Having worked with the Ms. Hugo for over 8 years, and having performed over 150 similar site investigations in the Bay Area, including several for the State Cleanup Fund, Cambria is well-qualified to perform the required monitoring and closure services. If selected for this project, registered geologist N. Scott MacLeod would supervise all site work. Presented below is a brief summary of the site objectives, site background, and our proposed scope of work to monitor and sample the existing site wells.

SITE OBJECTIVES

To determine the site objectives we first met with you and reviewed the ground water monitoring reports prepared by BT Associates. We also visited the site to assess the access both on and off site. We then discussed the project objectives in light of recent regulatory changes with the lead case worker for the site, Ms. Hugo of the HCSA. Ms. Hugo provided us the June 22, 1995 letter to Ms. Leah Champion (Attachment A). Ms. Hugo indicated that cleanup and closure requirements have changed somewhat since the June 1995 letter. According to Ms. Hugo, the HCSA can now close this site if additional information suggests that the site complies with criteria established by the Regional Water Quality Control Board (RWQCB) for low risk ground water cases. Therefore, she wants to see recent ground water sampling data including analysis for halogenated volatile organic compounds (HVOCs) to assess whether the contaminant plume is degrading on its own. We are prepared to perform the necessary monitoring of ground water at the site and, if necessary, any additional services required to address Ms. Hugo's concerns and satisfy the new regulatory guidelines for site closure.

SITE BACKGROUND

Cambria understands that significant soil and ground water sampling has been performed. Cambria also realizes that after performing our site visit, on and off site buildings limit access in the southern and up gradient directions. The

underground storage tanks (USTs) apparently contained stoddard solvent for the former drycleaning operation, and that detectable concentrations of chemicals not known to be related to the drycleaning process (chlorobenzenes, dichlorobenzenes, and diesel) have been identified in soil samples collected at the site. The highest total petroleum hydrocarbons as stoddard solvent (TPHss) and diesel (TPHd) detected in soil left in place following UST excavation and removal were 140 milligrams per kilogram (mg/kg) and 110 mg/kg, respectively. The highest chlorobenzene or dichlorobenzene concentrations in soil was 740 mg/kg at 5 ft depth in the boring for MW-2 adjacent the UST excavation. Ground water samples collected from three site wells since 1992 have contained concentrations of TPHss up to 11,000 milligrams per liter (mg/l). No detectable concentrations of TPHd have been reported. None of the ground water samples were analyzed for chlorobenzenes and dichlorobenzenes.

Ground water elevation data suggests that the ground water flow direction is west northwest. This is consistent with our experience with the nearby Shell Service Station on 3420 San Pablo Avenue located about 200 ft up-gradient. Since the water bearing zone is composed of clayey sand and stiff brown sandy clay exhibiting low plasticity, the plume most likely does not extend too far from the former UST area.

PROPOSED SCOPE OF WORK

Based on our review of the existing data and our discussion with you, we recommend performing the following scope of work:

- Task 1: Sample the three site ground water monitoring wells and analyze the samples for TPHss, TPHd, benzene, toluene, ethylbenzene, and total xylenes (BTEX), and HVOCs, including chlorobenzenes and dichlorobenzenes; and
- Task 2: Prepare a report describing the field procedures and methodologies, sample analytic results, and discussion of the results with recommendations for future activities. The report will also include a site map, a ground water gradient and flow direction map, the analyte isoconcentration maps, and a tabulation of all historic ground water data.

If the HCSA is not prepared to close the site after performing these tasks, we have researched and prepared contingency plans for this project. Cambria has significant experience with sites impacted with stoddard solvent and halogenated compounds such as yours and, if necessary, can apply our experience from work performed by our personnel at the nearby Shell Service Station at 3420 San Pablo Avenue. Our proposed scope of work is detailed below. Our anticipated costs are presented in Attachment B.

Task 1 - Ground Water Sampling

Cambria will purge and sample all three site wells in accordance with appropriate regulatory guidelines and as described in our standard field procedure for monitoring wells (Attachment C). Samples will be analyzed by a California-certified laboratory for TPHss and TPHd by EPA Method 8015, BTEX by EPA Method 8020, and HVOCs by EPA Method 8010, which quantifies chlorobenzenes and dichlorobenzenes.

Task 2 - Report Preparation

Upon receipt of analytic results, Cambria will prepare a report describing the methods and results of the ground water monitoring and sampling event. At a minimum, the report will contain: a descriptions of the water sampling methods, tabulated ground water analytic results; a figure presenting well locations and hydrocarbon concentrations in ground water; ground water flow direction and gradient; if possible, isoconcentration maps; analytic reports and chain-of-custody forms; and a discussion of the contaminant distribution. As required by the HCSA, we will also request case closure or recommend future work to facilitate case closure.

BUDGET

Our proposed costs for this project are based on a time and materials estimate, and are presented in Attachment B. We will be pleased to perform the proposed tasks according to our standard terms and conditions and schedule of charges. Your acceptance of this proposal can be indicated by signing and returning the enclosed Fee Estimate For Professional Services. As we discussed, we are willing to invoice the State Cleanup Fund directly on your behalf if acceptable by the State Fund.

CLOSING

Cambria is very pleased to offer you our environmental consulting services for this project. We hope the thorough nature of this proposal demonstrates the high level of service we are prepared to offer. We look forward to working with you, and will strive to achieve case closure as quickly and cost effectively as possible. Our significant experience with Ms. Hugo of the HCSA and with the Cleanup Fund ensures that we will provide you with quality service. As requested by Ms. Hugo, we have forwarded a copy of this proposal to her attention. Please call me at (510) 420-9178, or Bob Clark-Riddell, PE at (510) 420-9173 with any questions regarding this proposal.

Sincerely,
Cambria Environmental Technology, Inc.



Bart S. Miller
Senior Geologist

Attachments: A - HCSA Letter Dated June 22, 1996
 B - Cost Proposal
 C - Standard Field Procedures For Monitoring Wells

c.c. Ms. Susan Hugo - HCSA

D:\PROPOSAL\BM0027REV2.FRO

Attachment A

HCSA Letter Dated June 22, 1995

**HEALTH CARE SERVICES
AGENCY**



DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, DIRECTOR

June 22, 1995
STID# 819

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
1131 Harbor Bay Parkway
Alameda, CA 94602-6577
(510) 567-8700

Ms. Leah Champion
P.O. Box 489
Moss Beach, California 94038

**RE: Soil and Groundwater Investigation / Remediation - Former
City of Paris Cleaners - 3516 Adeline St., Oakland, CA 94608**

Dear Ms. Champion:

The Alameda County Department of Environmental Health, Environmental Protection Division has completed review of the Quarterly Monitoring Report (February 8, 1995) prepared by BT Associates for the referenced site and received by this office on May 8, 1995.

Based on this review, the following issues must be addressed regarding the soil and groundwater investigation at the subject site:

- 1) It appears that the extent of the soil and groundwater contamination remains undefined. The three on-site monitoring wells exhibited elevated levels of TPH stoddard solvent in the range of 570 ppb to 1000 ppb during the last sampling on February 8, 1995. TPH as stoddard solvent has been found historically in all the wells except on two sampling events (3/28/94 & 8/2/94) conducted in MW-3. ~~Investigation must be completed to determine the lateral extent of the contamination in the borings and other groundwater samples may be performed initially prior to placement of permanent wells.~~ Please submit a work plan to delineate the extent of the contamination related to the former tanks.
- 2) Monitoring well sampling frequency must occur every quarter. The wells must be sampled for the following target compounds: TPH as stoddard solvent, TPH diesel, benzene, toluene, ethyl benzene, and xylene. After four consecutive quarters of non-detectable levels have been achieved, the frequency of sampling events will be evaluated and/or a recommendation for signoff/case closure will be determined.
- 3) Chlorobenzenes and dichlorobenzenes were detected (23 ppm to 740 ppm) in the soil samples collected from the borings. These results were communicated verbally from the laboratory as stated in the March 31, 1993 report. The presence of these compounds both in the soil and underlying groundwater must be determined. Verification of the source must also be investigated.

Ms. Leah Champion
RE: 3516 Adeline Street, Oakland, CA 94608
June 22, 1995
Page 2 of 3

- 4) ~~The proposed pilot study for groundwater extraction and interim remediation is acceptable to this office and can be initiated after the extent of the contamination has been fully characterized.~~ Permits from other regulatory agencies must be followed.
- 5) Please submit a time schedule for all phases of the investigation and remediation activities at the site.

Response to all the items mentioned above must be provided to this office no later than July 31, 1995.

~~Until cleanup is complete, you will need to submit reports to this office every three months~~ (or at a more frequent interval, if specified at any time by this agency). In addition, the following items must be incorporated in your future reports or workplans:

- a cover letter from the responsible party or tank owner stating the accuracy of the report and whether he/she concurs with the conclusions and recommendations in the report or workplan
- site map delineating contamination contours for soil and groundwater based on recent data should be included and the status of the investigation and cleanup must be identified
- proposed continuing or next phase of investigation / cleanup activities must be included to inform this department of the responsible party or tank owner's intention
- any changes in the groundwater flow direction and gradient based on the measured data since the last sampling event must be explained
- historical records of groundwater level in each well must be tabulated to indicate the fluctuation in water levels
- tabulate analytical results from all previous sampling events; provide laboratory reports (including quality control/quality assurance) and chain of custody documentation.

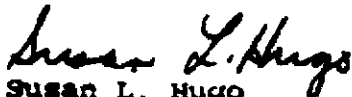
All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professionals involved with the project.

Ms. Leah Champion
RE: 3516 Adeline Street, Oakland, CA 94608
June 22, 1995
Page 3 of 3

Additionally, please notify this office 72 hours in advance of any field work at the site.

If you have any questions concerning this letter, please contact me at (510) 567-6780.

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Agency Director, Environmental Health
Kevin Graves, San Francisco Bay RWQCB
Jun Makishima, Acting Chief, Environmental Protection
Division / files
Bruce Tsutsui, BT Associates, 31 Nightowl Court,
Richmond, CA 94803

<i>Task 1 - Ground Water Monitoring</i>	<i>Total Cost (\$)</i>
1(a) Field monitoring and sample collection	400
1(b) Ground water analyses (3 total - TPHss, TPHd, BTEX, HVOCs)	510
Task 1 - Subtotal	910

- Assumptions:
 - One 55-gallon drum required for on site purge water and rinsate storage;
 - No disposal costs included; and
 - Cambria has access to property, guard dogs are not present, and well keys provided.

<i>Task 2 - Report Preparation</i>	<i>Total Cost (\$)</i>
2(a) Report of sampling results	1,000
Task 2 - Subtotal	1,000

TOTAL ESTIMATED PROJECT COST = \$ 1,910

CAMBRIA

Attachment C

Standard Field Procedures For Monitoring Wells

STANDARD FIELD PROCEDURE FOR MONITORING WELLS

This document describes Cambria Environmental Technology's standard field methods for drilling, installing, developing and sampling ground water monitoring wells. These procedures are designed to comply with Federal, State and local regulatory guidelines. Specific field procedures are summarized below.

Well Construction and Surveying

Ground water monitoring wells are installed in soil borings to monitor ground water quality and determine the ground water elevation, flow direction and gradient. Well depths and screen lengths are based on ground water depth, occurrence of hydrocarbons or other compounds in the borehole, stratigraphy and State and local regulatory guidelines. Well screens typically extend 10 to 15 feet below and 5 feet above the static water level at the time of drilling. However, the well screen will generally not extend into or through a clay layer that is at least three feet thick.

Well casing and screen are flush-threaded, Schedule 40 PVC. Screen slot size varies according to the sediments screened, but slots are generally 0.010 or 0.020 inches wide. A rinsed and graded sand occupies the annular space between the boring and the well screen to about one to two ft above the well screen. A two feet thick hydrated bentonite seal separates the sand from the overlying sanitary surface seal composed of Portland type I,II cement.

Well-heads are secured by locking well-caps inside traffic-rated vaults finished flush with the ground surface. A stovepipe may be installed between the well-head and the vault cap for additional security. The well top-of-casing elevation is surveyed with respect to mean sea level and the well is surveyed for horizontal location with respect to an onsite or nearby offsite landmark.

Well Development

Wells are generally developed using a combination of ground water surging and extraction. Surging agitates the ground water and dislodges fine sediments from the sand pack. After about ten minutes of surging, ground water is extracted from the well using bailing, pumping and/or reverse air-lifting through an eductor pipe to remove the sediments from the well. Surging and extraction continue until at least ten well-casing volumes of ground water are extracted and the sediment volume in the ground water is negligible. This process usually occurs prior to installing the sanitary surface seal to ensure sand pack stabilization. If development occurs after surface seal installation, then development occurs 24 to 72 hours after seal installation to ensure that the Portland cement has set up correctly.

All equipment is steam-cleaned prior to use and air used for air-lifting is filtered to prevent oil entrained in the compressed air from entering the well. Wells that are developed using air-lift evacuation are not sampled until at least 24 hours after they are developed.

Ground Water Sampling

Depending on local regulatory guidelines, three to four well-casing volumes of ground water are purged prior to sampling. Purging continues until ground water pH, conductivity, and temperature have stabilized. Ground water samples are collected using bailers or pumps and are decanted into the appropriate containers supplied by the analytic laboratory. Samples are labeled, placed in protective foam sleeves, stored on crushed ice at or below 4°C, and transported under chain-of-custody to the laboratory. Laboratory-supplied trip blanks accompany the samples and are analyzed to check for cross-contamination. An equipment blank may be analyzed if non-dedicated sampling equipment is used.

FEE ESTIMATE FOR PROFESSIONAL SERVICES

New Project

Extra Scope of Work

Other _____

Work performed under this estimate will be governed by all terms and conditions of the existing contract with the client and/or the Cambria Schedule of Charges and Conditions. Please review this record, sign and return a copy to our office. Contact us immediately if there are any questions.

Job Name: Former City of Paris Cleaners, Oakland, CA Job No.: _____

Date Requested: June 26, 1996

By Whom: Bart Miller

Work Description: Monitor and sample three site wells . Analyze three ground water samples for TPHs, TPHd, BTEX, and HVOCs on normal IAT. Prepare report.

Date(s) Work to be Performed: Scheduling to commence upon receipt of approval to proceed.

Cost Estimate Breakdown:

TASK	LABOR	EXPENSES	TOTAL
Sample collection and analyses	400	510	910
Report Preparation	1,000		1,000

Total Estimated Cost: \$1,910.00

Prepared By: Bart Miller

Cambria Authorization: _____

Date: _____

Client Authorization:

Person: _____

Date: _____

Signature: _____

Authorized Budget: _____

June 27, 1996

Steve Marquez
State Water Resources Board
Division of Clean Water Programs
2014 T Street, Suite 130
Sacramento, California 95822

RE: Claim #002192, 3516 Adeline Street, Oakland, Ca.
Bids from prospective Geologist to continue Project

Dear Steve,

I have enclosed copies of the three Environmental firms that I have contacted to continue our project. I have also made Susan Hugo aware of our steps to move on from BT Associates. She has given me guidance to move towards the necessary process to close this project.

I contacted each of the three firms below. I made each of them aware of the situation and the need to find a new firm to move us towards completion. The bids below reflect to costs for one well monitoring event, except for Dugan, his bid is for two events.

1. ACC Environmental Consultants
7977 Capwell Drive, Suite 100
Oakland, California 94621
(510) 638-8400
Contact: Chuck Miller Bid: \$1403.00 (1)
2. Cambria Environmental Technologies, Inc.
1144 65th Street, Suite C
Oakland, California 94608
(510) 420-0700
Contact: Bart Miller Bid: \$1910.00 (1)
3. Dugan and Associates
1023B Martin Avenue
Santa Clara, California 95050
(408) 988-5946
Contact: Bill Dugan Bid: \$2346.00
(2 monitoring events)

June 26, 1996

Ms. Linda Champion
9441 Laguna Lake Way
Elk Grove, CA 95758

Re: **Ground Water Monitoring Proposal**
Former City of Paris Cleaners
3516 Adeline Street
Oakland, California

Dear Ms. Champion:

It was a pleasure meeting you at our office on June 18, 1996 to discuss the former City of Paris Cleaners site. As you requested, Cambria Environmental Technology, Inc. (Cambria) is pleased to present this proposal for performing ground water monitoring at your site. Based on our telephone conversation earlier today, it is our understanding that all further site closure requirements and, if necessary, investigation activities will be based on the results of this ground water sampling.

In preparing this proposal, we reviewed the available site information and contacted the lead case worker for this site, Ms. Susan Hugo of the Alameda County Health Care Services Agency (HCSA). Having worked with the Ms. Hugo for over 8 years, and having performed over 150 similar site investigations in the Bay Area, including several for the State Cleanup Fund, Cambria is well-qualified to perform the required monitoring and closure services. If selected for this project, registered geologist N. Scott MacLeod would supervise all site work. Presented below is a brief summary of the site objectives, site background, and our proposed scope of work to monitor and sample the existing site wells.

SITE OBJECTIVES

To determine the site objectives we first met with you and reviewed the ground water monitoring reports prepared by BT Associates. We also visited the site to assess the access both on and off site. We then discussed the project objectives in light of recent regulatory changes with the lead case worker for the site, Ms. Hugo of the HCSA. Ms. Hugo provided us the June 22, 1995 letter to Ms. Leah Champion (Attachment A). Ms. Hugo indicated that cleanup and closure requirements have changed somewhat since the June 1995 letter. According to Ms. Hugo, the HCSA can now close this site if additional information suggests that the site complies with criteria established by the Regional Water Quality Control Board (RWQCB) for low-risk ground water cases. Therefore, she wants to see recent ground water sampling data including analysis for halogenated volatile organic compounds (HVOCs) to assess whether the contaminant plume is degrading on its own. We are prepared to perform the necessary monitoring of ground water at the site and, if necessary, any additional services required to address Ms. Hugo's concerns and satisfy the new regulatory guidelines for site closure.

SITE BACKGROUND

Cambria understands that significant soil and ground water sampling has been performed. Cambria also realizes that, after performing our site visit, on and off site buildings limit access in the southern and up gradient directions. The

ENVIRONMENTAL
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underground storage tanks (USTs) apparently contained stoddard solvent for the former drycleaning operation, and that detectable concentrations of chemicals not known to be related to the drycleaning process (chlorobenzenes, dichlorobenzenes, and diesel) have been identified in soil samples collected at the site. The highest total petroleum hydrocarbons as stoddard solvent (TPHss) and diesel (TPHd) detected in soil left in place following UST excavation and removal were 140 milligrams per kilogram (mg/kg) and 110 mg/kg, respectively. The highest chlorobenzene or dichlorobenzene concentrations in soil was 740 mg/kg at 5 ft depth in the boring for MW-2 adjacent the UST excavation. Ground water samples collected from three site wells since 1992 have contained concentrations of TPHss up to 11,000 milligrams per liter (mg/l). No detectable concentrations of TPHd have been reported. None of the ground water samples were analyzed for chlorobenzenes and dichlorobenzenes.

Ground water elevation data suggests that the ground water flow direction is west northwest. This is consistent with our experience with the nearby Shell Service Station on 3420 San Pablo Avenue located about 200 ft up-gradient. Since the water bearing zone is composed of clayey sand and stiff brown sandy clay exhibiting low plasticity, the plume most likely does not extend too far from the former UST area.

PROPOSED SCOPE OF WORK

Based on our review of the existing data and our discussion with you, we recommend performing the following scope of work:

- Task 1: Sample the three site ground water monitoring wells and analyze the samples for TPHss, TPHd, benzene, toluene, ethylbenzene, and total xylenes (BTEX), and HVOCs, including chlorobenzenes and dichlorobenzenes; and
- Task 2: Prepare a report describing the field procedures and methodologies, sample analytic results, and discussion of the results with recommendations for future activities. The report will also include a site map, a ground water gradient and flow direction map, the analyte isoconcentration maps, and a tabulation of all historic ground water data.

If the HCSA is not prepared to close the site after performing these tasks, we have researched and prepared contingency plans for this project. Cambria has significant experience with sites impacted with stoddard solvent and halogenated compounds such as yours and, if necessary, can apply our experience from work performed by our personnel at the nearby Shell Service Station at 3420 San Pablo Avenue. Our proposed scope of work is detailed below. Our anticipated costs are presented in Attachment B.

Task 1 - Ground Water Sampling

Cambria will purge and sample all three site wells in accordance with appropriate regulatory guidelines and as described in our standard field procedure for monitoring wells (Attachment C). Samples will be analyzed by a California-certified laboratory for TPHss and TPHd by EPA Method 8015, BTEX by EPA Method 8020, and HVOCs by EPA Method 8010, which quantifies chlorobenzenes and dichlorobenzenes.

Task 2 - Report Preparation

Upon receipt of analytic results, Cambria will prepare a report describing the methods and results of the ground water monitoring and sampling event. At a minimum, the report will contain: a descriptions of the water sampling methods; tabulated ground water analytic results; a figure presenting well locations and hydrocarbon concentrations in ground water; ground water flow direction and gradient; if possible, isoconcentration maps; analytic reports and chain-of-custody forms; and a discussion of the contaminant distribution. As required by the HCSA, we will also request case closure or recommend future work to facilitate case closure.

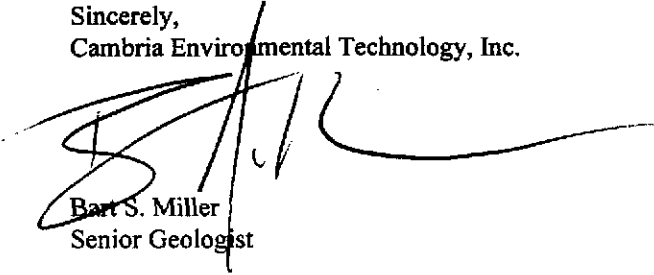
BUDGET

Our proposed costs for this project are based on a time and materials estimate, and are presented in Attachment B. We will be pleased to perform the proposed tasks according to our standard terms and conditions and schedule of charges. Your acceptance of this proposal can be indicated by signing and returning the enclosed Fee Estimate For Professional Services. As we discussed, we are willing to invoice the State Cleanup Fund directly on your behalf if acceptable by the State Fund.

CLOSING

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Sincerely,
Cambria Environmental Technology, Inc.



Bart S. Miller
Senior Geologist

Attachments: A - HCSA Letter Dated June 22, 1996
 B - Cost Proposal
 C - Standard Field Procedures For Monitoring Wells

c.c. Ms. Susan Hugo - HCSA

ALAMEDA COUNTY

HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, DIRECTOR

June 22, 1995
STID# 819DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700Ms. Leah Champion
P.O. Box 489
Moss Beach, California 94038**RE: Soil and Groundwater Investigation / Remediation - Former
City of Paris Cleaners - 3516 Adeline St., Oakland, CA 94608**

Dear Ms. Champion:

The Alameda County Department of Environmental Health, Environmental Protection Division has completed review of the Quarterly Monitoring Report (February 8, 1995) prepared by BT Associates for the referenced site and received by this office on May 8, 1995.

Based on this review, the following issues must be addressed regarding the soil and groundwater investigation at the subject site:

- 1) It appears that the extent of the soil and groundwater contamination remains undefined. The three on-site monitoring wells exhibited elevated levels of TPH stoddard solvent in the range of 570 ppb to 1000 ppb during the last sampling on February 8, 1995. TPH as stoddard solvent has been found historically in all the wells except on two sampling events (3/28/94 & 8/2/94) conducted in MW-3. ~~The groundwater investigation must be expanded to determine the lateral extent of the contamination. Soil borings and grab groundwater samples may be performed initially prior to placement of permanent wells.~~ Please submit a work plan to delineate the extent of the contamination related to the former tanks.
- 2) Monitoring well sampling frequency must occur every quarter. The wells must be sampled for the following target compounds: TPH as stoddard solvent, TPH diesel, benzene, toluene, ethyl benzene, and xylene. After four consecutive quarters of non-detectable levels have been achieved, the frequency of sampling events will be evaluated and/or a recommendation for signoff/case closure will be determined.
- 3) Chlorobenzenes and dichlorobenzenes were detected (23 ppm to 740 ppm) in the soil samples collected from the borings. These results were communicated verbally from the laboratory as stated in the March 31, 1993 report. The presence of these compounds both in the soil and underlying groundwater must be determined. Verification of the source must also be investigated.

Ms. Leah Champion
RE: 3516 Adeline Street, Oakland, CA 94608
June 22, 1995
Page 2 of 3

- 4) ~~The proposed pilot study for groundwater extraction and interim remediation is acceptable to this office and can be initiated after~~ the extent of the contamination has been fully characterized. Permits from other regulatory agencies must be followed.
- 5) Please submit a time schedule for all phases of the investigation and remediation activities at the site.

Response to all the items mentioned above must be provided to this office no later than July 31, 1995.

~~Until cleanup is complete, you will need to submit reports to this office every three months~~ (or at a more frequent interval, if specified at any time by this agency). In addition, the following items must be incorporated in your future reports or workplans:

- a cover letter from the responsible party or tank owner stating the accuracy of the report and whether he/she concurs with the conclusions and recommendations in the report or workplan
- site map delineating contamination contours for soil and groundwater based on recent data should be included and the status of the investigation and cleanup must be identified
- proposed continuing or next phase of investigation / cleanup activities must be included to inform this department of the responsible party or tank owner's intention
- any changes in the groundwater flow direction and gradient based on the measured data since the last sampling event must be explained
- historical records of groundwater level in each well must be tabulated to indicate the fluctuation in water levels
- tabulate analytical results from all previous sampling events; provide laboratory reports (including quality control/quality assurance) and chain of custody documentation

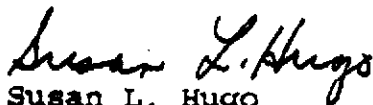
All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professionals involved with the project.

Ms. Leah Champion
RE: 3516 Adeline Street, Oakland, CA 94608
June 22, 1995
Page 3 of 3

Additionally, please notify this office 72 hours in advance of any field work at the site.

If you have any questions concerning this letter, please contact me at (510) 567-6780.

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Agency Director, Environmental Health
Kevin Graves, San Francisco Bay RWQCB
Jun Makishima, Acting Chief, Environmental Protection
Division / files
Bruce Tsutsui, BT Associates, 31 Nightowl Court,
Richmond, CA 94803

<i>Task 1 - Ground Water Monitoring*</i>	<i>Total Cost (\$)</i>
1(a) Field monitoring and sample collection	400
1(b) Ground water analyses (3 total - TPHss, TPHd, BTEX, HVOCs)	510
Task 1 - Subtotal	910

- * Assumptions:
- One 55-gallon drum required for on site purge water and rinsate storage;
 - No disposal costs included; and
 - Cambria has access to property, guard dogs are not present, and well keys provided.

<i>Task 2 - Report Preparation</i>	<i>Total Cost (\$)</i>
2(a) Report of sampling results	1,000
Task 2 - Subtotal	1,000

TOTAL ESTIMATED PROJECT COST = \$ 1,910

Attachment C

Standard Field Procedures For Monitoring Wells

STANDARD FIELD PROCEDURE FOR MONITORING WELLS

This document describes Cambria Environmental Technology's standard field methods for drilling, installing, developing and sampling ground water monitoring wells. These procedures are designed to comply with Federal, State and local regulatory guidelines. Specific field procedures are summarized below.

Well Construction and Surveying

Ground water monitoring wells are installed in soil borings to monitor ground water quality and determine the ground water elevation, flow direction and gradient. Well depths and screen lengths are based on ground water depth, occurrence of hydrocarbons or other compounds in the borehole, stratigraphy and State and local regulatory guidelines. Well screens typically extend 10 to 15 feet below and 5 feet above the static water level at the time of drilling. However, the well screen will generally not extend into or through a clay layer that is at least three feet thick.

Well casing and screen are flush-threaded, Schedule 40 PVC. Screen slot size varies according to the sediments screened, but slots are generally 0.010 or 0.020 inches wide. A rinsed and graded sand occupies the annular space between the boring and the well screen to about one to two ft above the well screen. A two feet thick hydrated bentonite seal separates the sand from the overlying sanitary surface seal composed of Portland type I,II cement.

Well-heads are secured by locking well-caps inside traffic-rated vaults finished flush with the ground surface. A stovepipe may be installed between the well-head and the vault cap for additional security. The well top-of-casing elevation is surveyed with respect to mean sea level and the well is surveyed for horizontal location with respect to an onsite or nearby offsite landmark.

Well Development

Wells are generally developed using a combination of ground water surging and extraction. Surging agitates the ground water and dislodges fine sediments from the sand pack. After about ten minutes of surging, ground water is extracted from the well using bailing, pumping and/or reverse air-lifting through an eductor pipe to remove the sediments from the well. Surging and extraction continue until at least ten well-casing volumes of ground water are extracted and the sediment volume in the ground water is negligible. This process usually occurs prior to installing the sanitary surface seal to ensure sand pack stabilization. If development occurs after surface seal installation, then development occurs 24 to 72 hours after seal installation to ensure that the Portland cement has set up correctly.

All equipment is steam-cleaned prior to use and air used for air-lifting is filtered to prevent oil entrained in the compressed air from entering the well. Wells that are developed using air-lift evacuation are not sampled until at least 24 hours after they are developed.

Ground Water Sampling

Depending on local regulatory guidelines, three to four well-casing volumes of ground water are purged prior to sampling. Purging continues until ground water pH, conductivity, and temperature have stabilized. Ground water samples are collected using bailers or pumps and are decanted into the appropriate containers supplied by the analytic laboratory. Samples are labeled, placed in protective foam sleeves, stored on crushed ice at or below 4°C, and transported under chain-of-custody to the laboratory. Laboratory-supplied trip blanks accompany the samples and are analyzed to check for cross-contamination. An equipment blank may be analyzed if non-dedicated sampling equipment is used.

FEE ESTIMATE FOR PROFESSIONAL SERVICES

New Project

Extra Scope of Work

Other _____

Work performed under this estimate will be governed by all terms and conditions of the existing contract with the client and/or the Cambria Schedule of Charges and Conditions. Please review this record, sign and return a copy to our office. Contact us immediately if there are any questions.

Job Name: Former City of Paris Cleaners, Oakland, CA Job No.: _____

Date Requested: June 26, 1996 By Whom: Bart Miller

Work Description: Monitor and sample three site wells . Analyze three ground water samples for TPHss, TPHd, BTEX, and HVOCs on normal TAT. Prepare report.

Date(s) Work to be Performed: Scheduling to commence upon receipt of approval to proceed.

Cost Estimate Breakdown:

TASK	LABOR	EXPENSES	TOTAL
Sample collection and analyses	400	510	910
Report Preparation	1,000		1,000
	-		

Total Estimated Cost: \$1,910.00

Prepared By: Bart Miller

Cambria Authorization: _____

Date: _____

Client Authorization:

Person: _____

Date: _____

Signature: _____

Authorized Budget: _____

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

1131 Harbor Bay Pkwy.
 Suite 250
 Alameda, CA 94502-6577
 (510) 567-6700

II, III

Site ID # _____ Site Name Former City of Paris Today's Date 11/8/96

Site Address 3516 Adeline Street

City Oakland Zip 94608 Phone _____

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

Inspection Categories:

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

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

Comments:

NEW CONTACT: Linda Champion
9441 Laguna Lake way
EK Grade Ca 95758/
(916) 684-2993

Met Leah Champion, Linda Champion
By the new consultant, Bill Sugen
at the site. Sampling all the
3 wells

II.A BUSINESS PLANS (Title 19)

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

II.B ACUTELY HAZ MATLS

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

III. UNDERGROUND TANKS (Title 23)

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

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

- 7. Precs Tank Test 2643
 - Date: _____
- 8. Inventory Rec. 2644
- 9. Soil Testing 2646
- 10. Ground Water. 2647

- New Tanks
- 11. Monitor Plan 2632
 - 12. Access. Secure 2634
 - 13. Plans Submit 2711
 - Date: _____
 - 14. As Built 2635
 - Date: _____

Rev 6/88

II, III

Contact: _____

Title: _____

Signature: _____

Inspector: _____

Signature: _____

Susan L. Hugo

DUGAN ASSOCIATES
ENVIRONMENTAL SERVICES

William R. Dugan, R.G.
Project Manager

1023B Martin Ave.
Santa Clara, CA 95050
Tel. (408) 988-5946
Fax. (408) 988-5947

DUGAN ASSOCIATES

ENVIRONMENTAL SERVICES 1023B Martin Ave, Santa Clara, CA. 95050 408/988-5946 FAX 988-5947

Ms. Linda Champion
9441 Laguna Lake Way
Elk Grove, California 95758

June 24, 1996

Subject: Letter Proposal, and Estimated Budget for Two Quarters of Groundwater Monitoring.
Site: 3516 Adeline Street, Oakland, California.

Ms. Champion:

At your request, we are providing this letter proposal, and estimated budget for sampling monitoring wells MW-1, MW-2, and MW-3 at the above-referenced site. Dugan Associates proposes to:

1. Measure water levels in the three monitoring wells (2 site visits).
2. Collect water samples from the three monitoring wells (2 sampling events).
3. Analyze the groundwater samples for TPHss, TPHd, TPHg, BTEX, and MTBE in a State-certified laboratory (2 sampling events).
4. Prepare 2 Quarterly Reports summarizing our field and laboratory procedures, findings, interpretations, and conclusions. The reports will be signed by a California Registered Geologist [RG #6251].

Task 1: FIELD WORK

Well Sampling 2 Quarters

Sampling Rig and Crew, Travel (2 Qts x 3 Wells @ \$85/Well) \$510.00

Task 2: LABORATORY ANALYSES (Standard turnaround)

2 Quarters

TPHg, BTEX, and MTBE (2 Qts x 3 Wells @ \$57/each) \$342.00

TPHd (2 Qts x 3 Wells @ \$57/each) \$342.00

TPHss (2 Qts x 3 Wells @ \$57/each) \$342.00

Task 3: REPORT PREPARATION & PROJECT SUPERVISION

2 Reports

Report writing, drafting and clerical \$300.00

Registered Geologist 6 hrs @ \$85/hr \$510.00

TOTAL COST ESTIMATE [2 Sampling Events] \$2,346.00

Purge water generated during sampling will be left at the site in drums and remain the responsibility of Client. After you approve the enclosed budget, we ask that you FAX a letter authorizing us to proceed (408/287-2175). Please call if you have any questions or if we may be of further assistance in this matter.

Sincerely,
Dugan Associates



William R. Dugan, R.G.
Field Services Manager/Geologist

Signature

Date

C:/DUGAN/PROP/218-1P

INTRODUCTION

Dugan Associates performs groundwater sampling and documentation services at fuel leak sites throughout the Bay Area.

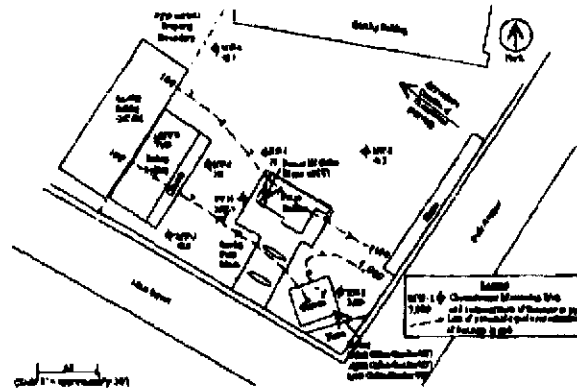
If you are required to submit groundwater sampling reports to the Santa Clara Valley Water District (SCVWD), or the Regional Water Quality Control Board (RWQCB), we would like to perform that service for you. We are locally based in Santa Clara and operate our business with a low operating overhead. If you are paying significantly more than our standard rate (see generalized rates, far inset) give us a call for a cost estimate.

SAMPLING REPORTS

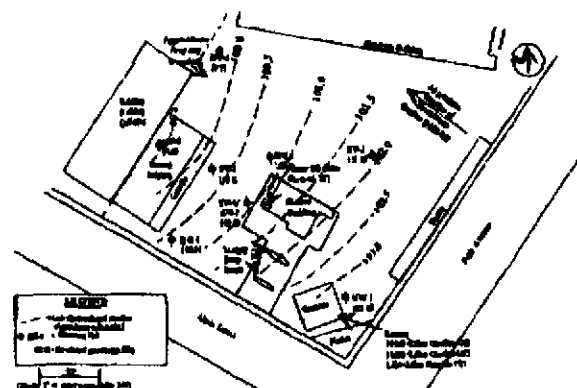
Dugan Associates reports are signed by a California Registered Geologist, and include groundwater gradient and concentration maps (see insert examples) as required by the RWQCB, the SCVWD, and the State Cleanup Fund. Quarterly sampling reports not signed by a registered professional, without gradient and concentration maps are generally incomplete, and possibly prepared by unlicensed firms. The Fund will only reimburse for activities of firms that are properly licensed and maintain necessary registration for legal operation in the state of California.

QUALIFICATIONS

- * Operated by a California Registered Geologist with over 10 years experience
- * Laboratory Analyses performed at a DHS certified Laboratory.
- * Field personnel safety trained 29 CFR 1910.120 (e)



CONCENTRATION MAPS



GRADIENT MAPS

GENERALIZED RATES *

<u>1 Well (Travel, Sampling, Lab & Report)</u>	
w/ TPHg & BTEX	\$180.00
w/TPHd, TPHg, BTEX	\$240.00

<u>3 Wells (Travel, Sampling, Lab & Report)</u>	
With Gradient and Contour Maps	
w/ TPHg, BTEX	\$525.00
w/ TPHd, TPHg, BTEX	\$695.00

<u>Each Additional Well</u>	
With Gradient and Contour Maps	
w/ TPHg, BTEX	\$150.00
w/ TPHd, TPHg & BTEX	\$200.00

* Assumes:

- 1) Top of well casing elevations and locations have been previously surveyed and marked.
- 2) Depth to groundwater less than 50 feet.
- 3) Disposal of purge water not included.
- 4) Cost of drums are not included (\$30.00 ea.)

For Information and Price Estimates call:
(408) 988-5946

DUGAN ASSOCIATES
1023B MARTIN AVENUE
SANTA CLARA, CA. 95050



ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, DIRECTOR

June 22, 1995
STID# 819

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

Ms. Leah Champion
P.O. Box 489
Moss Beach, California 94038

**RE: Soil and Groundwater Investigation / Remediation - Former
City of Paris Cleaners - 3516 Adeline St., Oakland, CA 94608**

Dear Ms. Champion:

The Alameda County Department of Environmental Health, Environmental Protection Division has completed review of the Quarterly Monitoring Report (February 8, 1995) prepared by BT Associates for the referenced site and received by this office on May 8, 1995.

Based on this review, the following issues must be addressed regarding the soil and groundwater investigation at the subject site:

- 1) It appears that the extent of the soil and groundwater contamination remains undefined. The three on-site monitoring wells exhibited elevated levels of TPH stoddard solvent in the range of 570 ppb to 1000 ppb during the last sampling on February 8, 1995. TPH as stoddard solvent has been found historically in all the wells except on two sampling events (3/28/94 & 8/2/94) conducted in MW-3. The groundwater investigation must be expanded to determine the lateral extent of the contamination. Soil borings and grab groundwater samples may be performed initially prior to placement of permanent wells. Please submit a work plan to delineate the extent of the contamination related to the former tanks.
- 2) Monitoring well **sampling frequency must occur every quarter.** The wells must be sampled for the following target compounds: TPH as stoddard solvent, TPH diesel, benzene, toluene, ethyl benzene, and xylene. After four consecutive quarters of non-detectable levels have been achieved, the frequency of sampling events will be evaluated and/or a recommendation for signoff/case closure will be determined.
- 3) Chlorobenzenes and dichlorobenzenes were detected (23 ppm to 740 ppm) in the soil samples collected from the borings. These results were communicated verbally from the laboratory as stated in the March 31, 1993 report. The presence of these compounds both in the soil and underlying groundwater must be determined. Verification of the source must also be investigated.

Ms. Leah Champion
RE: 3516 Adeline Street, Oakland, CA 94608
June 22, 1995
Page 2 of 3

- 4) The proposed pilot study for groundwater extraction and interim remediation is acceptable to this office and can be initiated after the extent of the contamination has been fully characterized. Permits from other regulatory agencies must be followed.
- 5) Please submit a time schedule for all phases of the investigation and remediation activities at the site.

Response to all the items mentioned above must be provided to this office **no later than July 31, 1995.**

Until cleanup is complete, you will need to submit reports to this office every three months (or at a more frequent interval, if specified at any time by this agency). In addition, the following items must be incorporated in your future reports or workplans:

- a cover letter from the responsible party or tank owner stating the accuracy of the report and whether he/she concurs with the conclusions and recommendations in the report or workplan
- site map delineating contamination contours for soil and groundwater based on recent data should be included and the status of the investigation and cleanup must be identified
- proposed continuing or next phase of investigation / cleanup activities must be included to inform this department of the responsible party or tank owner's intention
- any changes in the groundwater flow direction and gradient based on the measured data since the last sampling event must be explained
- historical records of groundwater level in each well must be tabulated to indicate the fluctuation in water levels
- tabulate analytical results from all previous sampling events; provide laboratory reports (including quality control/quality assurance) and chain of custody documentation

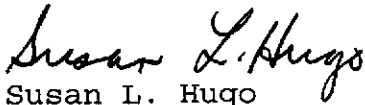
All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professionals involved with the project.

Ms. Leah Champion
RE: 3516 Adeline Street, Oakland, CA 94608
June 22, 1995
Page 3 of 3

Additionally, please notify this office 72 hours in advance of any field work at the site.

If you have any questions concerning this letter, please contact me at (510) 567-6780.

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Agency Director, Environmental Health
Kevin Graves, San Francisco Bay RWQCB
Jun Makishima, Acting Chief, Environmental Protection
Division / files
Bruce Tsutsui, BT Associates, 31 Nightowl Court,
Richmond, CA 94803



June 17, 1996

Ms. Linda Champion
9441 Laguna Lake Way
Elk Grove, CA 95758

Re: Proposal for Environmental Consulting Services
Quarterly Monitoring Well Sampling
3516 Adeline Street, Oakland, CA

Dear Linda:

ACC Environmental Consultants, Inc. (ACC) is pleased to present the following proposal to provide the work as required by the Alameda County Health Care Services Agency (ACHCSA) for the above referenced site.

BACKGROUND

Underground storage tank(s) (UST) associated with a former dry cleaning facility were removed from the subject site in the early 1990s. ACHCSA requested the installation of two groundwater monitoring wells which are reported to have been sampled on a somewhat regular basis from sometime in 1993 to October 1995. The former property owners have been approved for reimbursement for costs associated with investigation of the site by the State of California's Underground Storage Tank Cleanup Fund.

SCOPE OF SERVICES

TASK 1 - Quarterly Well Monitoring & Sampling

- 1.1 Purge the existing on-site monitoring wells and collect groundwater samples quarterly, as requested by the ACHCSA.
- 1.2 Submit groundwater samples to a state certified analytical laboratory for analysis. The samples are to be analyzed for Stoddard Solvent (SS) by EPA method 8015-modified; TPH as diesel (TPHd) by EPA method 8015-modified; Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX), chlorobenzene and dichlorobenzene by EPA method 602.

TASK 2 - Report Preparation

- 2.1 Prepare a report of the findings after each sampling event. At a point in time when ACHCSA allows for discontinuation of the quarterly monitoring, ACC will provide a final report which summarizes the site activity to date and petitions ACHCSA for "no further action", and requests permission for the abandonment of the wells. **

COST OF WORK

TASK 1 - Quarterly Well Monitoring & Sampling

- 1.1 Purge and collect samples from 2 monitoring wells, quarterly \$ 200.00
- 1.2 Submit groundwater samples to lab and analyze for: SS, TPHd, BTEX-602 (\$259 per sample) \$ 518.00 *

TASK 2 - Report Preparation

- 2.1 Preparation of quarterly reports to be submitted to ACHCSA \$ 685.00 **

Total Cost Tasks 1 & 2 - (quarterly) \$1,403.00

* Prior to commencing work, ACC will confirm the analytical tests outlined above with ACHCSA. As ACC has not previously been involved with this site and has not seen reports summarizing previously performed work, we reserve the right to alter the analytical testing methods which are proposed, if required by ACHCSA. This may alter the analytical costs outlined in Task 1.2 of this proposal.

** Cost for Final Report, when discontinuing of well monitoring is allowed by ACHCSA, is \$1,085.00. ACHCSA will also require the abandonment/destruction of the 2 monitoring wells. ACC will provide a cost for this activity at that time.

EXCLUSIONS

Due to the limited information available, costs associated with unusual or unforeseen circumstances, including but not limited to the following, are not included in this proposal:

- Water generated during the well purging and sampling will be placed in a labeled 55-gallon drum. The disposal of this water will depend on the analytical results obtained and are the responsibility of the owner. ACC can assist in making arrangements for disposal.
- If information regarding the design and construction of the monitoring wells is not made available ACC will need to research the information which is on file with the City and County of San Francisco.

In the event that these conditions are encountered, Client will be notified before ACC proceeds with any extra work. The fees specified in this proposal would be adjusted to allow for these conditions on a time and material basis.

APPROVAL

Please indicate your acceptance of this proposal on the space below and return an executed copy to our office. This agreement is subject to the attached General Terms and Conditions. Work will commence upon receipt of the executed copy and a retainer fee equivalent to \$700.00. ACC will perform monitoring on a quarterly basis until ACHCSA agrees to terminating the work.

Ms. Linda Champion

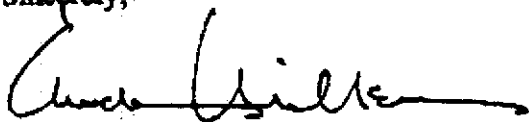
BY: _____

TITLE: _____

DATE: _____

We appreciate the opportunity to work with you on this site.

Sincerely,



Chuck Miller
Vice President

cc. Ms. Susan Bayne Churchill, President

**CONSULTING SERVICES AGREEMENT
GENERAL TERMS**

**EXHIBIT A
May 1, 1996**

ARTICLE I. CONSULTING SERVICES

Consulting Services as used herein, refer to those services which include, where appropriate: conducting environmental site assessments; reviewing agency files and records; conducting interviews with parties knowledgeable about the history of a site as it pertains to the use, storage and disposal of hazardous materials/wastes; evaluating reports; coordinating and overseeing work of subcontractors; collecting samples; and researching, writing, typing and reproducing reports, specifications and drawings.

ARTICLE II. ADDITIONAL SERVICES

Client may request that ACC perform consulting services in addition to those services specified in "SCOPE OF SERVICES" of the proposed consulting services to which these terms and conditions are attached and of which these terms and conditions form a part (which agreement, together with all exhibits incorporated therein, including these terms and conditions, shall be referred to collectively as the "Agreement"). If ACC agrees to perform such services, such additional services will be performed on a time and materials basis and invoiced, in addition to the fixed fee or cost ceiling amount set forth in the Agreement, in accordance with the compensation schedule set forth below:

II.1 Labor Cost - Labor cost shall be the total number of hours worked on the project by each employee times the employee's hourly rate as indicated below.

Principal/Expert Testimony	\$120.00 per hour
Environmental Engineer	\$ 95.00 per hour
Registered/Certified Geologist	\$ 90.00 per hour
Certified Industrial Hygienist	\$ 90.00 per hour
Senior Project Geologist	\$ 85.00 per hour
Project Geologist	\$ 75.00 per hour
Certified Asbestos Consultant	\$ 75.00 per hour
Staff Geologist	\$ 65.00 per hour
Hazardous Materials Specialist	\$ 65.00 per hour
Environmental Risk Analyst	\$ 65.00 per hour
Registered Environmental Assessor	\$ 65.00 per hour
Environmental Assessor	\$ 50.00 per hour
Certified Asbestos Site Surveillance Technician	\$ 55.00 per hour
Field/Industrial Hygiene Technician	\$ 50.00 per hour
Drafting/Technical Writer	\$ 45.00 per hour
Administration Support Personnel	\$ 35.00 per hour

These rates will apply between the hours of 6:00 AM and 8:00 PM Monday through Friday. Night hours on weekdays, Monday through Thursday, shall be charged at 125% of the day base rates above. Weekend hours, between 8:00 PM Friday and 6:00 AM Monday, shall be charged at 150% of the base rates quoted above. Minimum charge for Field/I.H. Technicians shall be four (4) hours per day. All rates stated herein will remain in effect through December 31, 1995. Comparable rates, reflecting prevailing industry standards, will be annually re-negotiated if the contract period is extended past December 31, 1995.

II.2 Direct Cost - Direct non-salary costs shall be actual costs plus 15% service charge covering overhead and profit on all such actual costs which shall include but not be limited to the following:

II.2.a. Services directly applicable to the work, such as special legal and accounting expenses, computer time or rental and programming costs, laboratory charges and similar costs not applicable to general overhead.

II.2.b. Identifiable reproduction costs applicable to the work such as drawings, photostating, printing, binding and similar costs.

II.2.c. Identifiable communication expenses such as long distance telephone, telegraph, facsimile and delivery charges and postage other than for general correspondence.

II.2.d. Living and travel expenses of employees when away from home office on business directly connected with the work.

II.2.e. Transportation expenses for local travel directly connected with the work, including automobile mileage reimbursement at actual rates not to exceed \$0.30 per mile, bridge tolls, parking fees and related expenses.

II.2.f. Direct materials and supplies acquired for or consumed solely for the work under this Agreement and not normally provided as part of overhead.

II.3 Subcontracted Services ACC may engage subcontractors to perform services that are typically performed by subcontractors and that comprise a portion of the Work. If ACC seeks to engage a subcontractor to perform services not typically performed by a subcontractor, ACC shall obtain the written approval of Client to engage such subcontractor. Subcontracted services and outside consultant costs shall be costs plus 15% service charge covering overhead and profit.

Client acknowledges any stop in the Work ordered by Client or delay caused by Client or Client's agents, representatives or contractors in providing necessary data, or by any change to project plans or in the laws governing asbestos abatement procedures as they exist on the date of this Agreement may require additional services, changes in the schedule of services, and/or changes in the fee. Client shall notify ACC in writing of any changes to the project plans. Following (a) written notification to ACC of changes to the project plans; (b) any changes in the laws governing asbestos abatement procedures; or (c) the accumulation of more than ten (10) working days of delays or stops in Work, ACC shall identify, and shall notify Client in writing of, any additional services required, changes in the schedule of services, and/or added fees required, as a result of those changes, work stoppage or delay. If Client does not notify ACC in writing of any objections it has to the performance of additional services, changes to the schedule or additional fees identified in such written notification within ten (10) days of Client's receipt of the notification, Client shall be deemed to have accepted the changes in the Work and the schedule and any additional fees described in the notification. If Client objects to any changes in the Work, the schedule or to additional fees proposed in the notification, ACC may suspend its performance of the Work until ACC and the Client agree on additional services, changes to the schedule and any additional fees.

The services specified in the "SCOPE OF SERVICES", together with any additional services that ACC agrees to perform shall be referred to collectively in these general terms and conditions as "Work."

ARTICLE III. PAYMENT

ACC shall invoice Client monthly and following the completion of the Work. Invoices are due and payable upon receipt. In the event that any payment of an invoice is not received by ACC within thirty (30) days after client's receipt of the invoice, Client shall pay to ACC an additional charge of 1% of the invoice amount per month or the maximum amount permitted by law, whichever is less, accruing from the date of the invoice. This charge is

overdue accounts. In the event that an invoice is not paid within thirty (30) days of Client's receipt of the invoice, ACC shall have the right to suspend its performance of the Work until such invoice is paid.

There shall be added to all charges due under the Agreement amounts equal to any applicable sales or use taxes now or hereafter imposed under the authority of a federal, state or local taxing jurisdiction.

Client's obligations pursuant to this Article shall survive termination of the Agreement.

ARTICLE IV. PERIOD AND SCOPE OF AGREEMENT

The Agreement shall become effective on the date noted in the first paragraph of the Agreement, and except as provided in Articles XVIII and XX below, shall continue until completion of the Work.

ARTICLE V. PREPARATION OF DOCUMENTS

Any reports, specifications, and other documents prepared by ACC shall be prepared in accordance with standards deemed reasonable by general industry standards. ACC shall not be responsible for the content, format, errors or omissions in any such documents unless such content, format, errors or omissions result from ACC's willful misconduct or gross negligence. ACC shall not be liable for costs or damages to Client or to third parties caused by delay or termination of any project due to judicial or administrative action, with respect to any documents prepared by ACC, regardless of the basis of such action. ACC shall not be liable for costs or damages caused by errors or omissions of any government agency or agencies in specifying the content or methodology of documents prepared by ACC.

ARTICLE VI. STANDARD OF CARE

ACC shall perform the Work in a manner consistent with the level of standards of care and skill ordinarily exercised by professionals performing comparable services under comparable circumstances at the time ACC's services are performed. Client recognizes that those standards may subsequently change because of modifications in the state of practice and acknowledges that ACC shall not be required to foresee or perform in accordance with such standards. No express or implied warranty or guarantee is included in or intended by the Agreement. No statements contained in any report, opinion, document or otherwise, whether prepared prior to, at the same time as, or subsequent to the Agreement constitute any warranty or guarantee by ACC as to the Work. In the performance of Phase I Environmental Site Assessments ("Phase I ESA"), ACC shall conduct the investigation in conformance to industry standards and current professional practice and will be limited to visual observation of surface conditions at the site, interviews with public agency personnel and knowledgeable persons, and a review of readily available reports and literature. The likelihood of hazardous substance contamination resulting from past and current known uses of the site and immediately adjacent properties will be the focus of the Phase I ESA investigation. As a result, certain conditions may not be identified in the report. These include contaminants plumes below the ground surface from a remote source; contamination incurred following the site reconnaissance by ACC; levels of contamination that are below current regulatory standards but exceed possible future standards; and naturally occurring chemical, biological or other toxics in the surface or subsurface environment.

It is possible that materials currently existing or that may exist in the future at the site, may be considered hazardous. Regulatory evaluation criteria are constantly changing, and concentrations of contaminants presently considered low may, in the future, fall under more stringent regulatory standards that require remediation. Judgments and opinions expressed by ACC, which are based on our understanding and interpretation of current regulatory standards, should not be construed as legal opinions.

ARTICLE VII. LIMITATION OF REMEDY

Notwithstanding anything to the contrary in this Agreement, the total cumulative liability of ACC shall not exceed the available proceeds with respect to such liability under insurance coverage carried by ACC. Client

shall indemnify, defend and hold harmless ACC for any liability in excess of such insurance coverage.

ARTICLE VIII. ACCESS TO PROPERTY

Client recognizes that performance of duties hereunder will require that employees, consultants, agents and/or subcontractors of ACC be on, in and about the project site. Client grants to ACC and warrants (if the project site is not owned by Client) that permission has been granted for a right of entry from time to time for ACC, its employees, consultants, agents and subcontractors, on the project site for the purposes of performing the Work.

ARTICLE IX. HAZARDOUS OR UNSAFE CONDITIONS

Client has fully informed ACC of the type, quantity, and location of any hazardous, toxic, or dangerous materials or unsafe or unhealthy conditions which may affect the Project which Client knows to exist. If Client hereafter becomes aware of any such information, Client shall immediately inform ACC. The discovery of unsuspected hazardous, toxic, or dangerous materials or unsafe or unhealthy conditions constitutes a Changed Condition which may justify a revision to Services. If ACC takes emergency measures to protect the health and safety of ACC Parties and/or the public or to prevent undue harm to the environment, the Fee shall be appropriately adjusted to compensate ACC for the cost of such emergency measures.

ACC shall not be responsible for the health and safety of any persons other than ACC Parties, nor shall it have any responsibility for the operations, procedures or practices of persons or entities other than ACC Parties.

ARTICLE X. UNDERGROUND UTILITIES

Client shall designate to ACC the location of all subsurface utility lines and other subsurface man-made objects, including but not limited to pipes, tanks, cables, etc. (in this Agreement collectively called "underground utilities") within the boundaries of the job site. ACC will conduct at Client's expense such additional research as in ACC's professional opinion is appropriate to attempt to verify the location of any underground utilities at the job site, but Client shall remain responsible for the accurate designation of their location and shall indemnify, defend and hold ACC harmless from any liability for injury or loss arising from damage to any inaccurately located underground utilities even if such damage or injury results from work performed by ACC. Client warrants the accuracy of any information supplied by it to ACC, acknowledges that ACC may not verify the accuracy of such information and agrees that ACC is entitled to rely upon any information supplied by Client.

ARTICLE XI. REPORTING AND DISPOSAL REQUIREMENTS

Nothing contained in this Agreement shall be construed or interpreted as requiring ACC to assume the status of an owner, operator, generator, person who arranges for disposal, transporting, storing, treatment or disposal facility as those terms appear within any federal or state statute governing the treatment, storage, and disposal of hazardous substances or wastes. Client shall be solely responsible for notifying all appropriate federal, state, municipal or other governmental agencies of the existence of any hazardous, toxic or dangerous materials located on or in the Project Site(s), or discovered during the performance of this Agreement. Client shall be responsible for making and paying for all necessary arrangements to lawfully move, treat, recycle, dispose of or otherwise handle hazardous or toxic substances or wastes, including, but not limited to, samples and cuttings, to be handled in connection with the Project. ACC may, in its sole discretion, agree to make such arrangements on behalf of Client, as Client's agent.

ARTICLE XII. SAMPLES AND CUTTINGS

ACC shall not be obligated to preserve any soil, rock, water and/or other samples obtained from the Project Site(s) for more than sixty-five (65) days after the issuance of any document that includes the date of sample collection.

If, during the course of the performance of the Services under this Agreement, conditions or circumstances develop or are discovered which were not contemplated by ACC at the commencement of this Agreement, and which materially affect ACC's ability to perform the Services or which would materially increase the costs to ACC of performing the Services, then ACC shall notify Client in writing of the newly discovered conditions or circumstances, and Client and ACC shall renegotiate, in good faith, the terms and conditions of this Agreement. If amended terms and conditions cannot be agreed upon within 30 days after notice, ACC may terminate this Agreement and be compensated as set forth under Termination, below.

ARTICLE XIV. CONFIDENTIALITY

To the extent that (a) data and information which are submitted to ACC by Client to enable ACC to perform the Work and (b) data and information obtained by ACC in performing the Work are designated by Client in writing as containing information that is confidential or proprietary to Client, such data and information shall be considered as confidential and shall not be disclosed by ACC to any third party without the written consent of Client within five (5) years from the earlier of (a) the date of completion of the Work; and (b) termination of the Agreement. Notwithstanding the foregoing, ACC shall not be required to keep confidential any data or information that (a) are or become publicly available through means other than by disclosure of ACC; (b) are independently developed by ACC without the use of any data provided by or gathered from Client; (c) are rightfully obtained from third parties; or (d) that must be made public for ACC to comply with applicable laws, rules or regulations. Client acknowledges and agrees that ACC may provide data and information that it receives from Client to federal, state or local environmental regulatory agencies or other governmental agencies, if ACC is required by applicable laws, rules or regulations to provide such data and information.

ARTICLE XV. RIGHTS IN DATA

Following ACC's request for such data or information, Client shall deliver to ACC in a timely manner all data and information in Client's possession that are required for ACC's performance of the Work.

Provided that ACC has been fully paid for its services, Client shall have the right to use all original written material including reports, specifications, drawings, blueprints, working notes, photographs, graphical representations and other documentation prepared for the Client pursuant to the Agreement (the "Materials"), but only for the purpose expressly contemplated in the Agreement. Client shall not use the Materials for other projects, for additions to the subject project, or for portions of the project following the termination of the Agreement, except by permission granted by ACC in a written agreement that provides for the payment of a fee that is mutually agreed on. Client may not alter, update or revise any of the Materials without ACC's written authorization. Client agrees to indemnify, defend and hold ACC harmless against any claims arising from any third parties' use of or reliance on the Materials that is not expressly authorized in the Agreement.

ARTICLE XVI. PERSONNEL SUPPLIED BY ACC

ACC will select and allocate personnel to perform the Work, including its employees, consultants, subcontractors and other personnel which ACC may from time to time deem suitable. ACC will, however, make reasonable efforts consistent with sound business practice to honor Client's specific requests for assignment of personnel.

ARTICLE XVII. EXCUSABLE DELAY

ACC shall not be responsible for any delay in performing or completing the Work due to fires, strikes, labor disputes, war, civil commotion, delays in transportation, delays in receipt of requested information, delays in reviews of reports or data, shortages of labor or material, untimely illness, death or disability of employees, legal actions of third parties, changes in laws or regulations, or other causes or events beyond the reasonable control of ACC. Any such event that is beyond the reasonable control of ACC shall justify the suspension of delivery of services and shall extend the time of performance

to such extent as may be necessary to enable ACC to perform the Work with reasonable diligence after the event that caused the delay ceases to prevent ACC from performing the Work. In addition, ACC may be entitled to an equitable adjustment in its fees following such delay.

ARTICLE XVIII. DEFAULTS

Client shall be considered to be in default under the Agreement if Client (a) fails to pay any sum to be paid hereunder or fails to fulfill any other obligation or perform any other duty and such failure continues for five (5) days after written notice thereof is given to Client, or (b) ceases doing business as a going concern or is caused as the bankrupt party under any proceedings under the Bankruptcy Act or other insolvency laws (voluntary or involuntary), unless, solely in the case of any involuntary insolvency proceeding, such proceeding is dismissed, within thirty (30) days of its filing. If the Client is in default, ACC shall have the right to terminate the Agreement.

No right or remedy conferred on ACC under this Article shall be exclusive of any other right or remedy of ACC of whatever kind. No failure by ACC to insist upon the strict performance of any terms hereof or to exercise any right of remedy following a default by Client and no acceptance of full or partial payments due during the continuance of any such default, shall constitute a waiver of any of ACC's rights with respect to such default.

ARTICLE XIX. INDEMNIFICATION

Client shall indemnify, defend, and save harmless the ACC Parties, from any claim, suit, liability, damage, injury, expense, including attorney's fees, or other loss (collectively called "Loss") arising out of (a) breach of this Agreement by Client, (b) Client's willful misconduct or negligence in connection with the performance of this Agreement, (c) any actual or potential environmental pollution or contamination, including, without limitation, any actual or threatened release of toxic or hazardous materials; or (d) any action taken by ACC Parties as Client's Agent under the section entitled Reporting and Disposal Requirements.

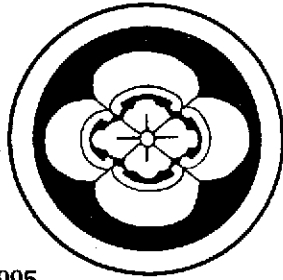
ACC shall indemnify, defend and save harmless Client, from any Loss arising out of (a) breach of this Agreement by ACC Parties or (b) willful misconduct or negligence by ACC Parties in connection with the performance of the Services under this Agreement.

Allocation of Loss between Client and ACC Parties shall be on a comparative fault basis. In no event shall any party be liable for consequential damages. Client's indemnification obligations under this Article shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the Client under workers' or workmen's compensation acts, disability benefit acts or other employee benefit acts.

This Article shall survive termination of the Agreement.

ARTICLE XX. TERMINATION

Either party may terminate the Agreement at any time by giving to the other party thirty (30) days written notice of such termination. Following any termination of the Agreement, Client shall pay ACC on a time and materials basis for all services performed and for all expenses incurred prior to the effective date of said termination, in accordance with Article II. If the Agreement is terminated for a reason other than a breach by ACC of its obligations under the Agreement, ACC shall be paid for services performed and costs incurred to the termination notice date, including direct costs incurred, as outlined in Article II, plus an additional amount not to exceed ten percent (10%) of charges incurred to the termination notice date to compensate ACC for services to bring the work to an orderly completion and to prepare project files and documentation, plus any additional direct costs incurred by ACC, including but not limited to cancellation fees or charges of third parties. ACC will use reasonable efforts to minimize such additional charges.



BT Associates

Environmental Services

31 Nightowl Court, Richmond, CA 94803
(Office) 510-222-1541 (Fax) 510-525-2178

RECEIVED

MAY - 9 1995

ENVIRONMENTAL HEALTH SERVICES
NORTH COUNTY

February 25, 1995

Ms. Leah Champion
P.O. Box 489
Moss Beach, CA 94038

Dear Ms. Champion:

As you requested earlier this month, the following is an estimate of annual costs (for calendar year 1995) associated with compliance monitoring at 3516 Adeline Street, Oakland, California. The cost breakdown for each quarterly round of groundwater sampling (based on previous sampling events) is as follows:

Professional Sampling/Report Preparation	-	\$ 360.00
Mileage (to site and laboratory)	-	\$ 40.00
Certified Laboratory Analyses	-	\$ 420.00
Equipment, Materials & Supplies	-	\$ 30.00
Registered Professional Signature/Seal	-	\$ 100.00
Est. Total, Qtly. Groundwater Monitoring	-	\$ 950.00
Estimated Annual Cost (4 x \$ 950.00)	=	\$ 3,800.00

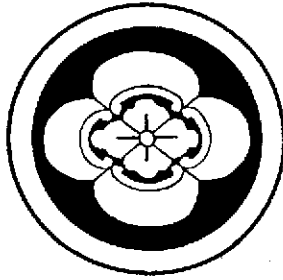
An estimate of costs pertaining to the proposed pump & treat remediation system for the subject site has also been enclosed, along with a cost comparison/analysis vs. continued monitoring (sans treatment) over an extended period of time.

I hope this information meets your needs. It was a pleasure to meet you (finally). Also, the data for the February 8 sampling event has come in. As soon as payment for two (2) of the three (3) previous invoices is received (as we discussed), the corresponding Quarterly Report will be prepared and submitted. Again, any assistance you can provide to facilitate matters would be greatly appreciated. If you have any questions, or if I can otherwise be of assistance, please feel free to contact me at (510) 222-1541. Please take care.

Sincerely,

Bruce A. Tsutsui
President

BT801/ADE3516COSTCL/022595



BT Associates

Environmental Services

31 Nightowl Court, Richmond, CA 94803
(Office) 510-222-1541 (Fax) 510-525-2178

ESTIMATE OF COSTS - PUMP & TREAT SYSTEM (FLUIDIZED BED REACTOR) 3516 ADELINE STREET, OAKLAND, CA

1) EQUIPMENT/SET-UP

Extraction Pump	-	\$ 300.00
Air Diffuser	-	\$ 75.00
Miscellaneous Piping	-	\$ 30.00
Nutrients	-	\$ 50.00
Storage Tank(s) [avg. \$1/gallon]	-	\$ 500.00
Professional Staff (Set-up)	-	\$ 150.00
Total	=	\$ 1,105.00

Note to Mrs. Champion: The above assumes storage tank(s) with 500-gallon (total) capacity; this may not be necessary (or practical, given the space limitations at the site); if the volume is less, the above cost will be correspondingly lower.

2) HOURS/PROFESSIONAL STAFF

(Operate pump/extract water from wells; check treatment water levels [nutrients, pH, temperature, etc.] and adjust, as necessary; equipment maintenance, as needed; sample acquisition; etc.):

2 hours/week (avg.)	-	\$ 130.00
8 hours/month	-	\$ 520.00

Note to Mrs. Champion: After the first month, it may not be necessary to go to the site every week (depending upon the volume of water being treated, initial laboratory results, etc.); if so, then costs over the ensuing months will be considerably less; also, as with the Quarterly Sampling, you will most likely not be charged for all time expenditures.

3) LABORATORY ANALYSES

(Certified analyses of water samples for Total Petroleum Hydrocarbons as Diesel [TPH-D], Total Petroleum Hydrocarbons as Gasoline [TPH-G], benzene, toluene, ethylbenzene, and total xylenes [BTEX], and Total Petroleum Hydrocarbons as Stoddard Solvent [TPH-SS]; other analyses as may be required by Alameda County Health Department and/or Alameda County Water District):

One (1) sample for TPH-D, TPH-G,
BTEX, and TPH-SS - \$ 140.00

Note to Mrs. Champion: The frequency of sampling will probably be less than this, depending upon the volume of water being treated and the storage capacity/size of the tank(s); in addition, the duration of treatment may not be as long as, say, 6 months; if this works as anticipated, we would expect to see significant reductions very quickly; unfortunately, we cannot definitively say how often or how long at this point in time - but, as with everything else, minimizing your costs will be a priority.

4) MISCELLANEOUS

Discharge Permit
(Alameda County Water District) - ?

(Cost will most likely depend upon volume of water to be discharged; if feasible [and allowed] - can place in drums and remove from site; or it might be possible to use water for treatment by reintroducing it into the soil; whichever method is the most practical/economical will be used)

Mileage (to site)	-	32 miles (round-trip)
Four (4) site visits/month	-	128 miles (rt)
128 miles x \$0.28/mile	=	\$ 35.84/month
Mileage (to laboratory)	-	96 miles (round-trip)
One (1) trip/month	-	
96 miles x \$0.28/mile	=	\$ 26.32/month

Note to Mrs. Champion: As with the invoices for the Quarterly Monitoring Reports, you will most likely not be charged for all mileage; wherever possible, trips will be combined (samples from other sites, etc.).

SUMMARY

Estimated Cost - Set-up/Implementation = \$1,105.00

Monthly Estimated Costs (range):

Operation/Maintenance (Hours/Professional Staff):	\$ 360.00 - \$ 520.00
Certified Laboratory Analyses:	\$ 140.00 - \$ 280.00
Mileage:	\$ 31.08 - \$ 62.16
Total	\$ 531.08 - \$ 862.16

Note to Mrs. Champion: As indicated previously, costs are likely to be lower than the figures given in the above ranges; high-range estimates are provided primarily to give you a sense of the scope of work that might be involved, as well as for comparison/discussion of "worse-case" situations involving treatment (as compared with no treatment, on the following page).

Quarterly Estimated Costs (range):

Monthly estimate x 3:	\$ 1,593.24 - \$ 2,586.48
Set-up costs:	\$ 1,105.00 - \$ 1,105.00
Estimated Total (range), First Quarter:	\$ 2,698.24 - \$ 3,691.48
Each quarter after 1st (range):	\$ 1,593.24 - \$ 2,586.48

Note to Mrs. Champion: I hope you are not unduly alarmed by the above figures; again, costs are likely going to be lower than those estimated above; I am aware that there are some companies that typically give estimated ranges and their final costs almost always end up being closest to the higher figure - I can assure you, however, that this is not one of those companies; we will have a much better sense of what will be involved after ~ 2-4 weeks and the results of the first sample analyses have been received; if you prefer, another estimate/formalized agreement could be provided at that time.

A few things to keep in mind, particularly in regard to possible concerns about the quarterly cost estimates: 1) these figures were multiplied by 3 - and any cost savings/reductions of monthly expenditures (which could also be significant) would also represent a three-fold decrease in the quarterly estimate; 2) the duration of the pilot study/treatment is not likely to exceed 6 months (2 quarters); 3) some form of remediation at the site will be required - and the cost of possible alternative measures (excavation, off-hauling of soil/water, etc.) could amount to considerably more; 4) addressing the problem early on would off-set potential (increased) future costs and/or liability should the contaminants move off-site; and 5) the advantage in being proactive is that you have choices - and are not limited nor likely to be put in a position of having to do/being told to do things a certain way (regardless of cost).

COST COMPARISON VS. EXTENDED MONITORING (SANS TREATMENT)

As we discussed, John Rapp has worked on projects at other sites where Total Petroleum Hydrocarbons as Stoddard Solvent (TPH-SS) contamination has been involved. Residual TPH-SS at these sites was found to have been present for many years (in one case, for more than ten years). It appears that TPH-SS does not degrade as readily under natural conditions as diesel (TPH-D) or gasoline (TPH-G) may do. TPH-SS was found in the soil at the Adeline Street site in 1990-91, and had probably been there for many, many years prior to that time. TPH-SS has been present in

groundwater samples since sampling began in 1992. The levels of TPH-SS have fluctuated over the years, but this is more likely the result of changes in groundwater elevations than an indication of significant natural degradation.

To emphasize the potential cost-savings/benefit from treating the groundwater (vs. waiting for natural degradation to take place and continuing compliance monitoring only), a comparison of associated costs is outlined below. For purposes of this discussion, assume a time period of four (4) years - even though it is highly likely that natural degradation of contaminants (TPH-SS, in particular) to non-detectable levels would take considerably longer than this:

Compliance monitoring/quarter	=	\$ 950.00
Annual cost	=	\$ 3,800.00
\$ 3,800.00/year x 4 years	=	\$ 15,200.00

(this figure will also probably be higher, taking into consideration likely future/annual cost increases for laboratory analyses, equipment, materials & supplies, etc.)

vs.

Treatment of groundwater: assume 6 months of treatment; TPH-SS in groundwater then found to be non-detectable (ND); then followed by four (4) additional quarters of monitoring (all ND); and using averages of cost estimate ranges:

Set-up/Implementation Cost	=	\$ 1,105.00
System Operation & Maintenance	=	\$ 696.62
Cost/month x 6 months	=	\$ 4,179.72
Six (6) quarters of monitoring	=	\$ 5,700.00
Total	=	\$ 10,984.72

Note to Mrs. Champion: At first glance this comparison/contrast may not seem to be all that dramatic; again, however, keep in mind that estimated costs are likely to be less than those indicated; changes in any number of variables (less time required for operations, fewer samples, shorter treatment duration period, etc.) could significantly increase cost savings; and - even if the higher figures are used, the cost savings over the long run are still fairly evident;

Another way of looking at this is that each and every quarter in which monitoring is not required - represents a savings of at least \$ 950.00 (and probably much more); this alone should be of major significance as it is not unreasonable to assume that, left untreated, the groundwater beneath the site will remain contaminated and monitoring would be necessary for many more years to come.

We have planned to begin (set-up) the project prior to the next Quarterly Sampling Event (May, 1995) and will do so, with your approval. If you have any questions or concerns regarding the above, or need additional information, please feel free to contact me at any time at 510-222-1541.

Take care.



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 # 819 Site Name Former City of Paris Today's Date 2/8/95

Site Address 3516 Adeline St.

City Oakland Zip 94608 Phone _____

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

Inspection Categories:

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

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

Comments:

On site meeting:
Bruce Gustari - (CB Assoc.)
Leak Champion - property owner
3 MWs on site: will be sampling the wells today
Continual monitoring quarterly.
Will submit quarterly report with the proposal

Contact _____

Title _____

Signature _____

Inspector _____

Signature Susan L. Hays

II, III

Real Property Sales

FAX COVER SHEET

Thursday, December 01, 1994 02:59:24 PM

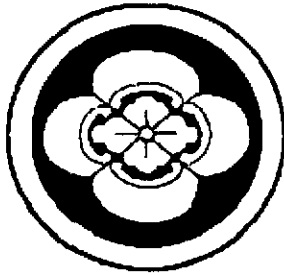
To: UST Local Oversight Program
Attention: Susan Hugo
Fax #: 1510-337-9335

From: Leah Champion
Fax #: 415-340-1463
Voice: 415-728-9105

Fax: 2 pages and a cover page.



Note: _____
STID# 819



BT Associates

Environmental Services

31 Nightowl Court, Richmond, CA 94803
(Office) 510-222-1541 (Fax) 510-525-2178

510-337-9335

FAX MEMO

Date: DEC. 1, 1994

To/Company: MS. SUSAN HUSO / ACOHCSA

From: BRUCE TEJEWI

Subject: 3516 ADELINE ST., OAKLAND
SITE # 819

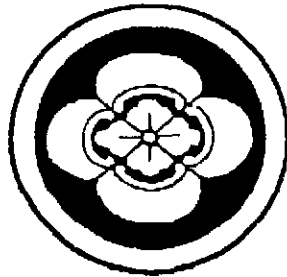
Comment(s):

Per request of Ms. Leah Champion, general statement of qualifications is attached. This is typically submitted w/bid packages. If you need additional information, please feel free to call.

(This was previously sent to Ms. Champion, but she was unable to retrieve document from her computer/fax)

Total # pages being sent (including this cover sheet): 2

Please deliver this to the individual referenced above. If you do not receive all of the pages, please call 510-222-1541 immediately. Thank you.



BT Associates

Environmental Services

31 Nightowl Court, Richmond, CA 94803
(Office) 510-222-1541 (Fax) 510-525-2178

STATEMENT OF QUALIFICATIONS

BT Associates (BTA) is a consortium of well educated and highly trained professionals with more than 75 years of collective experience dealing with environmental issues.

Individuals who have worked with BTA in the past and, in particular, those who will be involved with the project that is the subject of this proposal, all have extensive experience in site assessments, remediation operations, and related areas. These include the performance of underground storage tank corrective action work in California. All are California-registered/certified professionals and include: a Registered Geologist; Registered Professional Engineers (Civil and Mechanical); Registered Environmental Health Specialists; and a Certified Professional Soil Scientist (Ph.D).

The president/owner of BTA has fifteen years of regulatory agency experience, including seven (7) as the Hazardous Materials Manager for the City and County of San Francisco. The scope of responsibility for this position also included the development, implementation, and ongoing operation of the Underground Tank Program (monitoring) and the Local Oversight Program (cleanup) for both public and private sector sites. Another individual associated with BTA (and this project) also has more than ten years of similar regulatory agency experience.

The quality of services offered by BTA is unique in that, through post graduate research and applied work experience, many of the individuals involved with this consortium have had opportunities to develop innovative protocols as well as invent/enhance assessment and remediation equipment. Some have even applied these skills in successfully dealing with a wide variety of environmental issues world-wide.

Among others, these qualifications enable BT Associates to provide affordable, innovative, and highly effective environmental services to our clients.

STATE WATER RESOURCES CONTROL BOARD

DIVISION OF CLEAN WATER PROGRAMS

2014 T STREET, SUITE 130

P.O. BOX 944212

SACRAMENTO, CALIFORNIA 94244-2120

(916) 227-4307

(916) 227-4530 (FAX)



JUL 26 1994

Mr. Michael W. Champion

P. O. Box 489

Moss Beach, CA 94038

UNDERGROUND STORAGE TANK CLEANUP FUND PROGRAM, NOTICE OF PROPOSED WITHDRAWAL OF LETTER OF COMMITMENT: CLAIM NUMBER 002192; FOR SITE ADDRESS: 3516 Adeline St., Oakland

A Letter of Commitment (LOC) was issued to you on October 12th, 1993. Pursuant to its terms and conditions, an LOC may be withdrawn at any time if the claimant is found to be not in compliance with any applicable state rules and regulations, and with all of the terms, conditions, and commitments contained in the claimant's application.

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

On January 5, 1994, you were sent a letter stating that your Letter of Commitment would be withdrawn if you did not submit a Reimbursement Request or adequate explanation for not submitting a Reimbursement Request within 30 days. As of this date, neither the Reimbursement Request nor any explanation for not submitting it has been received.

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

Mr. Dave Deaner, Manager Claim No. 002192
Underground Storage Tank Cleanup Fund Program
State Water Resources Control Board
Division of Clean Water Programs
P. O. Box 944212
Sacramento, CA 94244-2120

If a request for review of this decision is not received within thirty (30) calendar days of the date of this Notice, your LOC will be withdrawn.

If you have any questions, please contact Donna L. Turcotte at (916) 227-4532.

Sincerely,

Francine Aguirre
Francine Aguirre

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

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

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

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

November 17, 1993
STID# 819

Ms. Leah Champion
P.O. Box 489
Moss Beach, California 94038

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

**RE: Status of the Soil and Groundwater Investigation/Remediation
City of Paris Cleaners - 3516 Adeline St., Oakland, CA 94608**

Dear Ms. Champion:

The Alameda County Department of Environmental Health, Hazardous Materials Division has recently reviewed the files concerning the soil and groundwater investigation/remediation at the referenced site. Four underground storage tanks (solvents) were removed at the site (two - 1000 gallon, one - 750 gallon and one -250 gallon) between October 4, 1990 and October 31, 1991. We are in receipt of the following reports:

- * Analytical Results of soil samples collected during the tank removal in 10-4-90 by Superior Laboratory dated 11-2-90
- * Workplan for Characterization and Remediation of Hydrocarbon Contaminated Soil (7/31/91) prepared by Uriah Inc.
- * Interim Report Regarding the Assessment and Remediation (5/19/92) prepared by Uriah Inc.
- * Installation, Development and Sampling of Three Monitoring Wells (3/31/92) prepared by Uriah Inc.

Based upon the review process of all the reports submitted to this office for the referenced site, the following issues needed clarification and must be addressed:

- 1) It appears that the extent of soil and groundwater contamination from the former leaking tanks remains undefined. The vertical and lateral extent of contamination must be completely delineated. The three monitoring wells on site exhibited elevated levels of TPH as stoddard solvent in the range of 630 ppb to 11,000 ppb. Please submit a work plan to delineate the vertical and lateral extent of the hydrocarbon plume.
- 2) Verified downgradient direction must be established at the site. Groundwater elevation readings must be performed every quarter and all monitoring wells must be surveyed to an accuracy of 0.01 foot and referenced to mean sea level (MSL).

Ms. Leah Champion
RE: 3516 Adeline St., Oakland, CA 94608
November 17, 1993
Page 2 of 3

- 3) Monitoring well **sampling frequency must occur every quarter**, the maximum sampling interval allowed when ground water contamination is present. Only one sampling event was performed in the 3 wells which occurred in November 18, 1992. The wells must be sampled for the following target compounds: TPH as stoddard solvent, TPH diesel, benzene, toluene, ethyl benzene, and xylene. After four consecutive quarters of non-detectable levels have been achieved, the frequency of sampling events will be evaluated and/or a recommendation for signoff/case closure will be determined.
- 4) Chlorobenzenes and dichlorobenzenes were detected (23 ppm to 740 ppm) in the soil samples collected from the borings. These results were communicated verbally from the laboratory as stated in the March 31, 1993 report. The presence of these compounds both in the soil and underlying groundwater must be determined. Verification of the source must also be investigated.
- 5) Please submit a time schedule for all phases of the investigation and remediation activities at the site.

Response to all the items mentioned above must be provided to this office **no later than January 18, 1994.**

Until cleanup is complete, you will need to submit reports to this office every three months (or at a more frequent interval, if specified at any time by this agency). In addition, the following items must be incorporated in your future reports or workplans:

- a cover letter from the responsible party or tank owner stating the accuracy of the report and whether he/she concurs with the conclusions and recommendations in the report or workplan
- site map delineating contamination contours for soil and groundwater based on recent data should be included and the status of the investigation and cleanup must be identified
- proposed continuing or next phase of investigation / cleanup activities must be included to inform this department of the responsible party or tank owner's intention
- any changes in the groundwater flow direction and gradient based on the measured data since the last sampling event must be explained

Ms. Leah Champion
RE: 3816 Adeline St., Oakland, CA 94608
November 17, 1993
Page 3 of 3

- historical records of groundwater level in each well must be tabulated to indicate the fluctuation in water levels
- tabulate analytical results from all previous sampling events; provide laboratory reports (including quality control/quality assurance) and chain of custody documentation

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

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

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

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health
Rich Hiett, San Francisco Bay RWQCB
Gil Jensen, Alameda County District Attorney's Office
Edgar B. Howell, Chief, Hazardous Materials Division - files
John Rapp, Uriah Environmental Services
2401 E. Orangeburg Ave., #645-218
Modesto, CA 95355

STATE WATER RESOURCES CONTROL BOARD

DIVISION OF CLEAN WATER PROGRAMS

2014 T STREET, SUITE 130

P.O. BOX 944212

SACRAMENTO, CALIFORNIA 94244-2120

(916) 227-4413

(916) 227-4530 (FAX)

93 OCT -4 PM 2: 23
SEP 30 1993

Michael W. Champion
P. O. Box 489
Moss Beach, CA 94038

Site: City of Paris Cleaners
3516 Adeline Street
Oakland, CA 94608

Dear Mr. Champion:

UNDERGROUND STORAGE TANK CLEANUP FUND, CLAIM NO. 2192

The State Water Resources Control Board (State Board) takes pleasure in issuing the attached Letter of Commitment in an amount not to exceed **\$20,000**. This Letter of Commitment is based upon our review of the corrective action costs incurred to date and your application received on January 17, 1992 and may be modified by the State Board in writing by an amended Letter of Commitment.

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

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

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

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

Sincerely,

Don Markle
Dave Deaner, Manager
Underground Storage Tank
Cleanup Fund Program

Attachments

cc: Tom Peacock
Alameda County Health Agency
Division of Hazardous Materials
80 Swan Way, Room 200
Oakland, CA 94612

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

LETTER OF COMMITMENT FOR REIMBURSEMENT OF COSTS

CLAIM NO: 002192

AMENDMENT NO: 0

CLAIMANT: M. Champion

BALANCE FORWARD: \$0

JOINT-CLAIMANT: a) P. Satterley, b) P. Champion,
c) F. Champion Jr.

THIS AMOUNT: \$20,000

CLAIMANT ADDRESS: 3312 Central Avenue
Alameda, CA 94501

NEW BALANCE: \$20,000

TAX ID / SSA NO. 560-58-9040 a) 545-60-9090 b) 568-80-3739 c) 559-82-3846

Subject to availability of funds, the State Water Resources Control Board (State Board) agrees to reimburse Michael W. Champion (claimant) for eligible corrective action costs at 3516 Adeline Street, Oakland, CA 94608 (site). The commitment reflected by this Letter is subject to all of the following terms and conditions:

1. Reimbursement shall not exceed \$20,000 unless this amount is subsequently modified in writing by an amended Letter of Commitment.
2. The obligation to pay any sum under this Letter of Commitment is contingent upon availability of funds. In the event that sufficient funds are not available for reasons beyond the reasonable control of the State Board, the State Board shall not be obligated to make any disbursements hereunder. If any disbursements otherwise due under this Letter of Commitment are deferred because of unavailability of funds, such disbursements will promptly be made when sufficient funds do become available. Nothing herein shall be construed to provide the Claimant with a right of priority for disbursement over any other claimant who has a similar Letter of Commitment.
3. Unless modified in writing by the State Board, this Letter of Commitment covers work through Phase III of corrective action work.
4. All costs for which reimbursement is sought must be eligible for reimbursement and the Claimant must be the person entitled to reimbursement thereof.
5. Claimant must at all times be in compliance with all applicable state laws, rules and regulations and with all terms, conditions, and commitments contained in the Claimant's Application and any supporting documents or in any payment requests submitted by the Claimant.
6. No disbursement under this Letter of Commitment will be made except upon receipt of acceptable Standard Form Payment Requests duly executed by or on behalf of the Claimant. All Payment Requests must be executed by the Claimant or a duly authorized representative who has been approved by the Division of Clean Water Programs.
7. Any and all disbursements payable under this Letter of Commitment may be withheld if the Claimant is not in compliance with the provisions of Paragraph 5 above.
8. Neither this Letter of Commitment nor any right thereunder is assignable by the Claimant without the written consent of the State Board. In the event of any such assignment, the rights of the assignee shall be subject to all terms and conditions set forth in this Letter of Commitment and the State Board's consent.
9. This Letter of Commitment may be withdrawn at any time by the State Board if completion of corrective action is not performed with reasonable diligence.

IN WITNESS WHEREOF, this Letter of Commitment has been issued by the State Board this 15th day of September, 1993.

STATE WATER RESOURCES CONTROL BOARD

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

BY [Signature]
Chief, Division Administrative Services

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

BILLING FOR SERVICES

STID# 313

A. Site Name California Linen Rental Co. Phone _____
 Site Address 989 41st Street - Oakland 94608
(If no address, description of area) Number Street City Zip
 Prior Business Name _____ Prior Owner's Name _____

B. Service Requestor Dan Madsen Seacor 510-686-9780
Contact Person Company Name Phone
 Billing Address 1390 Willow Pass Rd, Suite 360 Concord 94520-5250
Number Street City Zip

Category of Service	#Hours	x \$	/Hr	\$
<input type="checkbox"/> Site Search	1	x \$	75	\$ 75
<input checked="" type="checkbox"/> File Search	10	x \$	1	\$ 10
<input type="checkbox"/> Other _____	_____	x \$	_____	\$ _____
				TOTAL CHARGE: \$ 85

REMARKS: He also looked at Arco #4931, 731 W. MacArthur Blvd, Oakland, 94609. (Stid 3874) and
② City of Paris Cleaning + Dyeing, 3516 Adeline St., Oakland 94608 (Stid 819)
③ San Francisco French Bread Co., 4070 San Pablo Av., Emeryville CA 94608 (Stid 1509)

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

Service Requestor Dan Madsen Dan Madsen Date 4-1-93
printed name signature
 HazMat Specialist Jennifer Eberle Jennifer Eberle Date 4-1-93
printed name signature

HM Bill for Svcs 4/92 mk

COPIES	White - Billing	Yellow - Office	Pink - Svc. Requestor
--------	-----------------	-----------------	-----------------------

replace

Leah Champion w/

Dennis

Uriah Inc. →

City of Paris

3516 Adeline

SH

10-16-92

ST 10

819

John Papp - ind. & tel

Stid
8/9
SH

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

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

Hazardous Materials Division Inspection Form

Site ID# _____ Site Name City of Paris Today's Date 12/23/97
Site Address 3815 Adeline St EPA ID# _____
City Oakland Zip 94608 Phone _____

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

Inspection Categories:

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

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

IA GENERATOR (Title 22)

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

Comments:

Observed the collection of two composite soil samples from soils stock-piled from the tank excavation.

These soil piles, approximately 40 yds³ in volume, had been situated beside the building on 38th street since the initial tank removal in 1990.

Two composite samples were collected from a depth of approximately 18" samples were composited on site into plastic bags from four brass sleeves per composite.

IB TRANSPORTER (Title 22)

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

Contact: _____
Title: _____
Signature: _____

Inspector: _____
Signature: O Ryan

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

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

Hazardous Materials Division Inspection Form

Site ID# _____ Site Name City of Paris Cleaners Today's Date 10/31/91
 Site Address Adeline St EPA ID# _____
 City Oakland Zip 94608 Phone _____

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

Inspection Categories:

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

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

I.A GENERATOR (Title 22)

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

Comments:

Observed removal of one 250 gallon UGT

No evidence of leakage from the tanks

contents of the tanks had been transferred to a drum.

One soil sample collected from under tanks at native soil (clay) interface

I.B TRANSPORTER (Title 22)

- | | | |
|----------|--|-------|
| Manifest | <input type="checkbox"/> 32. Applic./Insurance | 66428 |
| | <input type="checkbox"/> 33. Comp. Cert./CHP Insp. | 66448 |
| | <input type="checkbox"/> 34. Containers | 66465 |
| Manifest | <input type="checkbox"/> 35. Vehicles | 66465 |
| | <input type="checkbox"/> 36. EPA ID #s | 66531 |
| | <input type="checkbox"/> 37. Correct | 66541 |
| | <input type="checkbox"/> 38. HW Delivery | 66543 |
| | <input type="checkbox"/> 39. Records | 66544 |
| Cont'r | <input type="checkbox"/> 40. Name/ Covers | 66545 |
| | <input type="checkbox"/> 41. Recyclables | 66800 |

Hauler Dexanna Ltd

Concord CA

CAL T 170148

Contact: _____

Title: _____

Signature: _____

Inspector: _____

Signature: B. Ryan

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Director



Telephone Number: (415)

8 October 1991

Leah Champion
P.O. Box 489
Moss Beach, CA 94038

Subject: Permit for the removal of an underground storage tank at
3516 Adeline Street, Oakland.

Dear Ms. Champion:

Enclosed please find a reissued permit for the removal the underground storage tank at the former City of Paris Cleaners facility at the address listed above. This permit was initially approved in August of 1990. It is being reissued with minor modifications that are specified in red ink. This permit is valid for the removal of the underground storage tank discovered at 3516 Adeline Street during the excavation of soil from the former tank pit.

This permit is being reissued to facilitate the closure process and to reduce confusion likely to result from having two underground storage tank closure projects taking place simultaneously at a single site. Though this removal is being conducted by a different contractor than that engaged for the initial tank closure, all the pertinent information in the permit issued in 1990 is the same.

If you have any questions concerning this matter, please feel free to contact me at (510) 271-4320.

Sincerely,

Dennis J. Byrne
Senior Hazardous Materials Specialist

431 West Hatch Road
Modesto, California 95351
(209) 524-9653
FAX (209) 524-0503

1741 Leslie Street
San Mateo, California 94402
(415) 572-8033
FAX (415) 572-9734

SEMCO
James C. Bateman Petroleum Services Inc.
General Engineering and Environmental Contractor
License NO. 449864 A, B, C-61, D-40
(800) 533-9293

Date: November 15, 1990

To: Bob Satterley
14601 Guadalupe Dr.
Rancho Murieta
Sloughhouse, CA 95683

REGARDING:

Job Name: City of Paris Dry Cleaners

Job Location: 3516 Adeline
Oakland, CA

WE ARE SENDING YOU THE FOLLOWING ITEMS:

<input type="checkbox"/>	Laboratory Analysis	<input type="checkbox"/>	Chain of Custody
<input checked="" type="checkbox"/>	Hazardous Waste Manifest	<input checked="" type="checkbox"/>	Tank Disposition Record

Remarks: _____

Copy: Alameda County

Signed: M. Hamilton

7301

5500

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

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CAC0100151420896107103		Manifest Document No. 96107103		Page 1 of 1		Information in the shaded area is not required by Federal law.	
3. Generator's Name and Mailing Address ESTATE OF FRANK CHAMPION Jim QUICK 1393 Solano ALBANY, CA 94706				A. State Manifest Document Number 89892003		B. State Generator's ID			
4. Generator's Phone (415) 527-1575				8. US EPA ID Number CA0100151420896107103		C. State Transporter's ID 106249		D. Transporter's Phone 415-235-1393	
5. Transporter 1 Company Name ERICKSON, Inc				8. US EPA ID Number		E. State Transporter's ID			
7. Transporter 2 Company Name				8. US EPA ID Number		F. Transporter's Phone			
9. Designated Facility Name and Site Address Erickson, Inc. 255 Parr Blvd. Richmond, Ca. 94801				10. US EPA ID Number CAD009466392		G. State Facility's ID CAD0109466392		H. Facility's Phone (415) 235-1393	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	1. Waste No.
a. Waste Empty Storage Tank NON-RCRA Hazardous Waste Solid.						5103TP	1810100P		State 512 EPA/Other NONE
b.									State EPA/Other
c.									State EPA/Other
d.									State EPA/Other
J. Additional Descriptions for Materials Listed Above Qty <u>3</u> Empty Storage Tank (s) # <u>4676, 4677, 4678</u> Tank (s) have been inerted with 15 lbs. Dry Ice per 1000 Gal. Capacity.						K. Handling Codes for Wastes Listed Above a. <u>01</u> b. c. d.			
15. Special Handling Instructions and Additional Information Keep away from sources of ignition. Always wear hardhats when working around U.S.T.'s									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste: generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name Paulette Satterley				Signature Paulette Satterley		Month Day Year 11/01/90			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name ALFRED DAVIS				Signature Alfred Davis		Month Day Year 11/01/90			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature		Month Day Year			
19. Discrepancy Indication Space									
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name Donald H. Rossow Jr									
Signature Donald H. Rossow Jr				Month Day Year 11/01/90					

Do Not Write Below This Line

White: TSDf SENDS THIS COPY TO DOHS WITHIN 30 DAYS
 To: P.O. Box 3000, Sacramento, CA 95812

No 4676 - 13017

Seenc

CERTIFICATE
Certified Services Company
255 Parr Boulevard
Richmond, California 94801

Day or Night
Telephone
(415) 235-1393

For: Erickson, Inc. Tank No.(s.) 4676 Location: Richmond Date: 10-08-90 Time: _____
Test Method: Visual Last Product: Petroleum Hydro-Carbon
Gastech/1314 SMPN

This is to certify that I have personally determined that the tank(s) in the following list are in accordance with the American Petroleum Institute and have found the condition with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Tank(s)	Condition
1- <u>1000</u> Gal. Tank	Safe for Fire Oxy 20.9% LEL - Less than 0.1%

Remarks: _____

In the event of any physical or atmospheric changes affecting the gas-free condition of the above tanks, or if in doubt immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

Standard Safety Designation

Safe for Men: Means that the content of the atmosphere in the compartment or space so designated (a) The oxygen is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

(a) The oxygen is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

Safe for Fire: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration than permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

The undersigned representative
K. Hesther
Representative Title

S. Lopez
Inspector

No 4677-1211
Semco

CERTIFICATE
Certified Services Company
255 Parr Boulevard
Richmond, California 94801

Day or Night
Telephone
(415) 235-1393

For: Erickson, Inc. Tank No.(s.) 4677 Location: Richmond Date: 10-08-90 Time: 12:00 p.m.
Test Method: Visual Gastech/1314 SMPN Last Product: Petroleum Hydrocarbon

This is to certify that I have personally determined that the tank(s) in the following list are in accordance with the American Petroleum Institute and have found the condition of each to be in accordance with its assigned designation. This certificate is based

on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Tank(s)	Condition
1- 1,000 Gal. Tank	Safe for Fire Oxy 20.9% LEL- Less than 0.1%

Remarks: _____

In the event of any physical or atmospheric changes affecting the gas-free condition of the above tanks, or if in any doubt immediately stop all hot work and contact the

undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

Standard Safety Designation:

Safe for Men: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

Safe for Fire: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration than permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

K. Hughes
Representative Title

Sham Lowry
Inspector

No 4678-150117

Senco

CERTIFICATE
Certified Services Company
255 Parr Boulevard
Richmond, California 94801

Day or Night
Telephone
(415) 235-1393

For: Erickson, Inc. Tank No.(s.) 4678 Location: Richmond Date: 10-08-90 Time: 10:00 a.m.

Test Method: Visual Gastech/1314 SMPN Last Product: Petroleum Hydrocarbon

This is to certify that I have personally determined that the tank(s) in the following list are in accordance with the American Petroleum Institute and have found the condition of each to be in accordance with its assigned designation. This certificate is based

on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Tank(s)	Condition
<u>750</u>	
<u>1 Gal. Tank</u>	<u>Safe for Fire</u>
	<u>Oxy 20.9%</u>
	<u>LEL- Less than 0.1%</u>

Remarks:

In the event of any physical or atmospheric changes affecting the gas-free condition of the above tanks, or if in any doubt immediately stop all hot work and contact the

undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

Standard Safety Designation:

Safe for Men: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

Safe for Fire: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration than permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

K. Hughes
Representative

Shannon Looney
Inspector

THIS SHIPPING ORDER must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. _____

CARRIER: **Erickson, Trucking Inc.** SCAC Carrier's No. **019**
Date _____

TO: Consignee Street Destination **LMC Corp. 600 S. 4th St. Richmond, Ca. 94805 Zip**
FROM: Shipper Street Origin **Erickson, Inc. 255 Parr Blvd. Richmond, Ca. 94801 Zip**

Route: _____ Vehicle Number _____

No Shipping Units	HM (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	Kind of Packages, Description of Articles	HAZARD CLASS	I.D. Number	WEIGHT (Subject to correction)	RATE	LABELS REQUIRED (for exemption)
		NON-D.O.T. REGULATED MATERIAL NON-HAZARDOUS, GAS FREE					
		UNDERGROUND STORAGE TANKS FOR SCRAP.					
		73017/4676 -	NONE	N/A	N/A	N/A	NONE
		72950/4635-4633					
		72887/4628 -					

Remit C.O.D. to: Address: City: State: Zip: **COB** Amt: \$ _____ C.O.D. FEE: Prepaid Collect \$ _____

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and delivered as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery or destination, if any, or to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property that the governing classification on the date of shipment. Shipper hereby certifies that he is familiar with the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his agents.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the regulations of the Department of Transportation. **PLACARDS REQUIRED** **NO** **PLACARDS SUPPLIED** YES NO - FURNISHED BY CARRIER DRIVER SIGNATURE: _____

SHIPPER: **Erickson, Inc.** CARRIER: _____
PER: **Sherman Lowry** PER: _____
DATE: **10-5-90** DATE: _____

EMERGENCY RESPONSE TELEPHONE NUMBER: _____ Manned 24 hours/day by a person with knowledge of the hazards of the material and emergency response information or who has access to a person with that knowledge.

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading. 9-BLS-A3 (Rev. 5/90)

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured or counted by a weighmaster whose signature is on this certificate who is a recognized authority of accuracy as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.



TICKET# 20626

MATL. 10201-1 UNP
PRICE / TON: \$ 4
TOTAL PRICE: \$
WEIGHT ADJUSTMENT: 0 PERCENT: *****
INBOUND WEIGHT: 45620 Lbs.

ACCOUNT: 22168801
ERICKSON INC.

CASH I.D.: _____ TRUCK NO. _____ LICENSE NO. _____
DRIVER: _____
45620 (M) Gross Weight Lbs. 10/08/90- 14:21 FRT. CODE: 1 COST: \$ 0.00
29260 Tare Weight Lbs. 10/08/90- 14:36
16360 Net Weight Lbs.

SIGNATURE OF SELLER OR AGENT
B. Lowry
LMC METALS WEIGHMASTER

2-41181

FOR SALVAGE VEHICLE SALES: I hereby certify, under penalty of perjury, that any vehicles sold have been cleared for dismantling with the Department of Motor Vehicles.
HOLD HARMLESS: I, the undersigned, hereby certify and hold harmless the Department of Motor Vehicles, its employees and agents, from and against any and all claims, damages, losses, costs, expenses, attorney's fees, and reasonable costs of defense, including reasonable costs of investigation, that may be asserted against or incurred by the Department of Motor Vehicles, its employees and agents, in connection with the sale of any vehicle sold by me.

THIS SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. _____

CARRIER: **Erickson, Trucking Inc.** SCAC Carrier's No. **019** Date _____

TO: **LME Corp.** FROM: **Erickson, Inc.**
 Consignee **600 S. 4th St.** Shipper **255 Parr Blvd.**
 Street **Richmond, Ca. 94805** Street **Richmond, Ca. 94801**
 Destination Zip _____ Zip _____

Route: _____ Vehicle Number _____

No Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.O. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
		NON-D.O.T. REGULATED MATERIAL NON-HAZARDOUS, GAS FREE					
		UNDERGROUND STORAGE TANKS FOR SCRAP.					
		72987/4618 / 72888/4624	NONE	N/A	N/A	N/A	NONE
		73013/4646 / 72936/4659					
		73017/4677					

Remit C.O.D. to: _____
 Address: _____
 City: _____ State: _____ Zip: _____
COD Amt \$
 C.O.D. FEE: Prepaid Collect

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____
 FREIGHT CHARGES PREPAID COLLECT

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.
 PLACARDS REQUIRED **NO** PLACARDS SUPPLIED YES NO - FURNISHED BY CARRIER
 DRIVER SIGNATURE: _____

SHIPPER: **Erickson, Inc.** CARRIER: _____
 PER: **Shannon Lowry** PER: _____
 DATE: **10-8-90** DATE: _____

EMERGENCY RESPONSE TELEPHONE NUMBER: _____
 Manned 24 hours/day by a person with knowledge of the hazards of the material and emergency response information or who has access to a person with that knowledge.

Agent must detach and retain his Shipping Order and must sign the Original Bill of Lading 9-BLS-A3 (Rev. 5/90)

WEIGHMASTER CERTIFICATE
 I CERTIFY that the following described commodity was weighed, measured or counted by a weighmaster whose signature is on this certificate who is a recognized authority of accuracy as prescribed by (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

LME METALS
 A DIVISION OF SIMSMETAL USA CORPORATION
 800 SOUTH 4th STREET
 RICHMOND, CALIFORNIA 94804
 (415) 238-0008

TICKET# 20596

MATL. 10201-1 UNP
 PRICE / TON: _____
 TOTAL PRICE: \$ _____
 WEIGHT ADJUSTMENT: 0 PERCENT: *****
 INBOUND WEIGHT: 39600 Lbs.

ACCOUNT: 22168801
 ERICKSON INC.

CASH I.D.: _____ TRUCK NO. _____ LICENSE NO. 3P00011

DRIVER: _____
 39600 (M) Gross Weight Lbs. 10/08/90- 12:27 FRT. CODE: 1 COST: \$ 0.00
 27440 Tare Weight Lbs. 10/08/90- 12:55
 12160 Net Weight Lbs.

Signature of Driver: _____
 Signature of Weighmaster: _____
 LME METALS WEIGHMASTER 2-41161

SEARCHED _____ INDEXED _____
 SERIALIZED _____ FILED _____
 OCT 10 1990
 RICHMOND, CALIF.

THIS SHIPPING ORDER

must be filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. _____
Carrier's No. **019**
Date _____

CARRIER: Erickson, Trucking Inc. SCAC

TO: LMC Corp.
600 S. 4th St.
Richmond, Ca. 94805
Zip

FROM: Erickson, Inc.
Shipper 255 Parr Blvd.
Street Richmond, Ca. 94801
Origin Zip

Route: _____ Vehicle Number _____

No. Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
		NON-D.O.T. REGULATED MATERIAL NON-HAZARDOUS, GAS FREE					
		UNDERGROUND STORAGE TANKS FOR SCRAP.					
		73025/4446	NONE	N/A	N/A	N/A	NONE
		73017/4678					
		73007/4652-4653					

Remit C.O.D. to:
Address: _____
City: _____ State: _____ Zip: _____

C.O.D. FEE:
Prepaid
Collect \$ _____

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____

Freight Charges: PREPAID COLLECT

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

PLACARDS REQUIRED: YES NO **PLACARDS SUPPLIED:** YES NO - FURNISHED BY CARRIER

SHIPPER: Erickson, Inc.
PER: Sherman Lewis
DATE: 10-10-90

CARRIER: _____
PER: _____
DATE: _____

EMERGENCY RESPONSE TELEPHONE NUMBER: _____

Manned 24 hours/day by a person with knowledge of the hazards of the material and emergency response information or who has access to a person with that knowledge.

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

FOR HELP IN CHEMICAL EMERGENCIES INVOLVING SPILL, LEAK, FIRE OR EXPOSURE CALL TOLL-FREE 1-800-424-9300 DAY OR NIGHT

9-BLS-A3 (Rev. 9/88)

THIS IS TO CERTIFY that the following described commodity was weighed, measured or counted by a weighmaster whose signature is on this certificate who is a recognized authority of accuracy as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.



MATL. 10201-1 UNP
PRICE / TON: \$ _____
TOTAL PRICE: \$ _____
WEIGHT ADJUSTMENT: 0 PERCENT:*****%
INBOUND WEIGHT: 44460 Lbs.

TICKET# 20239

ACCOUNT: 22168801
ERICKSON INC.

CASH I.D.: _____

TRUCK NO. PARKER **LICENSE NO.** 3F66197

DRIVER: _____

44460 (M) Gross Weight Lbs.
28100 Tare Weight Lbs.
16360 Net Weight Lbs.

10-10-90 8:55 FRT. CODE: 1 COST: \$ 0.00
9:07

SIGNATURE OF SELLER OR AGENT: _____
LMC METALS WEIGHMASTER 2-40880

FOR SALVAGE VEHICLE SALES: I hereby certify, under penalty of perjury, that any vehicles sold have not cleared for dismantling with the Department of Motor Vehicles.

HOLD HARMLESS AGREEMENT: I hereby agree to hold harmless and hold harmless the Department of Motor Vehicles, its employees, agents, and representatives from and against all claims, damages, losses, and expenses, including reasonable attorneys' fees, arising out of or from the sale of any vehicle sold by me.

10/19/90

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

EMERGENCY <input type="checkbox"/> YES <input type="checkbox"/> NO	HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input type="checkbox"/> NO	FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25180.7 OF THE HEALTH AND SAFETY CODE. SIGNED: <i>Dennis Byrne</i> DATE: 11/2/90
REPORT DATE 1 M 1 M 0 D 2 D 9 Y 0	CASE #	

REPORTED BY	NAME OF INDIVIDUAL FILING REPORT <i>Dennis Byrne</i>	PHONE <i>(415) 271-4320</i>	SIGNATURE
	REPRESENTING <input checked="" type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> OTHER	COMPANY OR AGENCY NAME <i>Alameda county Dept. Environ. Health Haz Mat Div</i>	
ADDRESS <i>80 Swan Way Rm 200 Oakland CA 94621</i>			

RESPONSIBLE PARTY	NAME <i>Estate of Frank Champion</i> <input type="checkbox"/> UNKNOWN	CONTACT PERSON <i>James Quick</i>	PHONE <i>(415) 527-1575</i>
	ADDRESS <i>1393 Solano Ave Albany CA 94706</i>		

FACILITY NAME (IF APPLICABLE)	OPERATOR <i>James L. Quick</i>	PHONE <i>(415) 527-1575</i>
	ADDRESS <i>3516 Adeline St Oakland Alameda 94608</i>	
CROSS STREET <i>35th St</i>		

IMPLEMENTING AGENCIES	LOCAL AGENCY <i>Alameda county Environ Haz Mat Div</i>	AGENCY NAME <i>Health</i>	CONTACT PERSON <i>Dennis Byrne</i>	PHONE <i>(415) 271-4320</i>
	REGIONAL BOARD <i>San Francisco Bay</i>			PHONE <i>(415) 464-4222</i>

SUBSTANCES INVOLVED	(1) NAME <i>stoddard solvent</i>	QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN
	(2)	<input type="checkbox"/> UNKNOWN

DISCOVERY/ABATEMENT	DATE DISCOVERED <i>1 M 0 M 0 D 4 D 9 Y 0</i>	HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER
	DATE DISCHARGE BEGAN <input checked="" type="checkbox"/> UNKNOWN	METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> REPLACE TANK <input checked="" type="checkbox"/> CLOSE TANK <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> OTHER
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE <i>1 M 0 M 0 D 4 D 9 Y 0</i>	

SOURCE/ CAUSE	SOURCE OF DISCHARGE <input checked="" type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER	CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER
---------------	---	---

CASE TYPE	CHECK ONE ONLY <input checked="" type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)
-----------	--

CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input checked="" type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY
----------------	--

REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input checked="" type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CAP SITE (CD) <input checked="" type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> OTHER (OT)
-----------------	--

COMMENTS
up to 1,000 ppm of TPH detected in soil samples collected during tank removal

INSTRUCTIONS

EMERGENCY

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

LOCAL AGENCY ONLY

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

REPORTED BY

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

RESPONSIBLE PARTY

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

SITE LOCATION

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

IMPLEMENTING AGENCIES

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

SUBSTANCES INVOLVED

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

DISCOVERY/ABATEMENT

Provide information regarding the discovery and abatement of the leak.

SOURCE/CAUSE

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

CASE TYPE

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

CURRENT STATUS

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

No Action Taken - No action has been taken by responsible party beyond initial report of leak.

Leak Being Confirmed - Leak suspected at site, but has not been confirmed.

Preliminary Site Assessment Workplan Submitted - workplan/proposal requested of/submitted by responsible party to determine whether ground water has been, or will be, impacted as a result of the release.

Preliminary Site Assessment Underway - implementation of workplan.

Pollution Characterization - responsible party is in the process of fully defining the extent of contamination in soil and ground water and assessing impacts on surface and/or ground water.

Remediation Plan - remediation plan submitted evaluating long term remediation options. Proposal and implementation schedule for appropriate remediation options also submitted.

Cleanup Underway - implementation of remediation plan.

Post Cleanup Monitoring in Progress - periodic ground water or other monitoring at site, as necessary, to verify and/or evaluate effectiveness of remedial activities.

Case Closed - regional board and local agency in concurrence that no further work is necessary at the site.

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

REMEDIAL ACTION

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

Cap Site - install horizontal impermeable layer to reduce rainfall infiltration.

Containment Barrier - install vertical dike to block horizontal movement of contaminant.

Excavate and Dispose - remove contaminated soil and dispose in approved site.

Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming).

Remove Free Product - remove floating product from water table.

Pump and Treat Groundwater - generally employed to remove dissolved contaminants.

Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants.

Replace Supply - provide alternative water supply to affected parties.

Treatment at Hookup - install water treatment devices at each dwelling or other place of use.

Vacuum Extract - use pumps or blowers to draw air through soil.

Vent Soil - bore holes in soil to allow volatilization of contaminants.

No Action Required - incident is minor, requiring no remedial action.

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

SIGNATURE - Sign the form in the space provided.

DISTRIBUTION

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

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

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

23 October 1990

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

James L. Quick
1393 Solano Avenue
Albany, CA 94706

Subject: Underground Storage Tank Removal Project being conducted
at 3516 Adeline Street, Oakland.

Dear Mr. Quick:

Thank you for the analytical data submitted by Semco concerning the underground storage tank removal project being conducted at the former City of Paris Cleaners facility, located at the address listed above. This documentation has been reviewed and the following actions are required to ensure compliance with all applicable environmental regulation.

- 1) The soil excavated from the former tank pit will require proper management/disposal. Policies of the San Francisco Regional Water Quality Control Board forbid the reintroduction of soil contaminated with petroleum hydrocarbons in excess of 10 parts per million. Up to 1,000 parts per million of Total Petroleum Hydrocarbons were measured in the soil removed from the excavation on this site.

The proper procedures to be used in the management of this soil will depend upon whether or not the material constitutes a hazardous waste as specified in Title 22 of the California Code of Regulations. Sections 66696 through 66723, of the above mentioned Code, describe the series of tests which the State of California has deemed appropriate for making such a judgement. These tests must be conducted by a laboratory certified by the State for this purpose.

It is the generator's responsibility to select the appropriate testing protocols to ensure that an accurate and representative classification of his or her waste is achieved. Based upon the contaminants identified within this soil the test protocols for Toxicity (Section 66696) and Ignitability (Section 66702) would seem appropriate for characterizing this material.

Should this soil prove to be a hazardous waste, it will require either disposal in a Class I landfill or be subject to treatment under the permit conditions stipulated by the California Department of Health Services (DHS) and the Bay Area Air Quality Management District (BAAQMD) to effect a rendering as non-hazardous. Any physical movement of such waste will require the use of a Uniform Hazardous Waste Manifest and adherence to all labeling and management restrictions as stipulated in Title 22 of the California Code of Regulations.

James L. Quick
1393 Solano Ave
Albany, CA 94706
Re. 3516 Adeline St. Oakland
23 October 1990
Page 2 of 3

If the soil can be classified as non-hazardous waste, it may be disposed of in any Class II or Class III landfill willing to accept it. In addition, this soil can be subjected to treatment for the purpose of reducing it's level of contamination without the issuance of a permit by DHS. Such a process may still require approval by BAAQMD however. Though not requiring the use of a hazardous waste manifest or adherence to the management provisions of Title 22, an accounting for the final disposition of this soil would have to be made to this agency prior to the closure of this project.

Should a remedial treatment process succeed in reducing the hydrocarbon contamination within this soil to below 10 parts per million, the soil can then be replaced into the former tank pit. Prior to implementing such an action, please clarify your plan with me to ensure full compliance with the requirements of the Regional Board.

2) The conduction of a ground water investigation.

In accordance with the California Water Code, the San Francisco Bay Regional Water Quality Control Board has established a requirement for follow-up investigative actions when soil contamination associated with an underground storage tank is detected. Specifically, a ground water investigation is required when 100 parts per million or greater of hydrocarbon contamination is measured. The purpose of such an investigation is to determine if the quality of ground water has been impacted by the presence of the underground tanks.

Guidelines established by the Regional Board require that a ground water monitoring well be installed within ten feet of the former tank location oriented in a downgradient direction relative to ground water flow. The direction of ground water flow is to be determined from data derived from three wells. Consequently, three wells must be installed on your property or, in addition to the single well on your property, you must submit data from two other wells in sufficient proximity to your property that hydraulic conductivity with your well can be demonstrated.

James L. Quick
1393 Solano Ave
Albany, CA 94706
Re. 3516 Adeline St. Oakland
23 October 1990
Page 3 of 3

During the installation of these wells soil samples must be collected at every five foot depth interval until ground water is reached. This work must be conducted under the direction of a Registered Engineer/Geologist and a copy of the boring logs and all analytical data must be submitted to this office for review and inclusion into our records.

In general, the Regional Board requires two years of quarterly monitoring data prior to considering a site for closure. There is some flexibility in this process, but you should anticipate a minimum of one full year of quarterly monitoring at this site.

Please submit to this office a proposal for the follow-up investigation which you intend to implement on this site. As the lead agency, this office will review the actions which you propose to take to ensure compliance with the policies of all applicable regulatory agencies.

The Regional Board has been notified of the release of hazardous materials associated with the underground storage tanks formerly located at this site. The property has consequently been added to the list maintained by this agency of potential clean-up sites in the County of Alameda.

If you have any questions concerning this matter or the actions which must now be taken in regards to 3516 Adeline Street Oakland, please contact me at (415)271-4320.

Sincerely,

Dennis J. Byrne
Hazardous Materials Specialist

cc: Steve Luquire, SFBRWQCB
Rafat Shahid, Assistant Director, Alameda Department of
Environmental Health.
Bob Saterly,

LOP CHANGE RECORD REQUEST FORM

printed:
01/10/2000

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

Insp:

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 8052413
 StID : 819 LOC: *****
 SITE NAME: City of Paris Cleaning& Dyeing DATE REPORTED : 10/04/1990
 ADDRESS : 3516 Adeline St DATE CONFIRMED: 10/04/1990
 CITY/ZIP : Oakland 94608 MULTIPLE RPs : Y

SITE STATUS

CASE TYPE: S CONTRACT STATUS: 4 PRIOR CODE:2B4 EMERGENCY RESP: -0-
 RP SEARCH: S DATE COMPLETED: 03/09/1992
 PRELIMINARY ASMNT: - DATE UNDERWAY: -0- DATE COMPLETED: -0-
 REM INVESTIGATION: - DATE UNDERWAY: -0- DATE COMPLETED: -0-
 REMEDIAL ACTION: - DATE UNDERWAY: -0- DATE COMPLETED: -0-
 POST REMED ACT MON:- DATE UNDERWAY: -0- DATE COMPLETED: -0-
 ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 03/09/1992
 LUFT FIELD MANUAL CONSID: 3HSCAWG
 CASE CLOSED: - DATE CASE CLOSED: -0-
 DATE EXCAVATION STARTED : 10/04/1991 REMEDIAL ACTIONS TAKEN: ED

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: Mr. Don Rotocil
 COMPANY NAME: Current Property Owner
 ADDRESS: 2200 Browning Street
 CITY/STATE: Berkeley, C A 94702

INSPECTOR VERIFICATION:

NAME _____	SIGNATURE _____	DATE _____
------------	-----------------	------------

DATA ENTRY INPUT:

Name/Address Changes Only			Case Progress Changes	
ANPPGMS _____	LOP _____	DATE _____	LOP _____	DATE _____

LOP - CHANGE RECORD REQUEST FORM

printed:
01/10/2000

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 DATE EXCAVATION STARTED : 10/04/1991 REMEDIAL ACTIONS TAKEN: ED

RESPONSIBLE PARTY INFORMATION

 RP#1-CONTACT NAME: Mr. Don Rotocil
 COMPANY NAME: Current Property Owner
 ADDRESS: 2200 Browning Street
 CITY/STATE: Berkeley, C A 94702

 RP#2-CONTACT NAME: Mr. Frank Champion
 COMPANY NAME: And Ms. Linda Champion
 ADDRESS: 9441 Laguna Lake Way
 CITY/STATE: Elk Grove, California 95758

 RP#3-CONTACT NAME: Paulette Satterley
 COMPANY NAME: Na
 ADDRESS: 14601 Guadalupe Drive
 CITY/STATE: Rancho Murieta, Ca 95683

 RP#4-CONTACT NAME: Paula Champion-braig
 COMPANY NAME: Na
 ADDRESS: 280 Mountain Avenue
 CITY/STATE: Piedmont, Ca 94611

 RP#5-CONTACT NAME: Mr. Michael Champion
 COMPANY NAME: Na
 ADDRESS: P. O. Box 489
 CITY/STATE: Moss Beach, C A 94038

LOP - CHANGE RECORD REQUEST FORM

printed:
09/24/1999

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

Insp:

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 8006619
 StID : 819 LOC: *****
 SITE NAME: City of Paris Cleaning& Dyeing DATE REPORTED : 10/04/1990
 ADDRESS : 3516 Adeline St DATE CONFIRMED: 10/04/1990
 CITY/ZIP : Oakland 94608 MULTIPLE RPs : Y

SITE STATUS

CASE TYPE: S CONTRACT STATUS: 4 PRIOR CODE:2B4 EMERGENCY RESP:
 RP SEARCH: S DATE COMPLETED: 03/09/1992
 PRELIMINARY ASMNT: DATE UNDERWAY: DATE COMPLETED:
 REM INVESTIGATION: DATE UNDERWAY: DATE COMPLETED:
 REMEDIAL ACTION: DATE UNDERWAY: DATE COMPLETED:
 POST REMED ACT MON: DATE UNDERWAY: DATE COMPLETED:

ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 03/09/1992
 LUFT FIELD MANUAL CONSID: 3HSCAWG
 CASE CLOSED: DATE CASE CLOSED:
 DATE EXCAVATION STARTED : 10/04/1991 REMEDIAL ACTIONS TAKEN: ED

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: Ms. Leah Champion
 COMPANY NAME:
 ADDRESS: P.o. Box 489
 CITY/STATE: Moss Beach CA 94038

RP#2-CONTACT NAME: Mr. Frank Champion
 COMPANY NAME: And Ms. Lynda Champion
 ADDRESS: 9441 Laguna Lake Way
 CITY/STATE: Elk Grove, California 95758

RP#3-CONTACT NAME: Mr. Don Rotocil
 COMPANY NAME: Current Property Owner
 ADDRESS: 2200 Browning Street
 CITY/STATE: Berkeley, C A 94702

INSPECTOR VERIFICATION:

NAME _____ SIGNATURE _____ DATE _____

DATA ENTRY INPUT:

Name/Address Changes Only			Case Progress Changes	
ANPNPGMS _____	LOP _____	DATE _____	LOP _____	DATE _____

DATE:

TO : Local Oversight Program

FROM:

SUBJ: Transfer of Eligible Oversight Case

Site name: City of Paris Cleaners

Address: 3516 Adelene St. city Oak zip 94608

Closure plan attached? N DepRef remaining \$ 201.50

DepRef Project # 2032 STID #(if any) 819

Number of Tanks: 3 removed? Y N Date of removal 10-4 and 10-31-91

Leak Report filed? N Date of Discovery 10-4-90 and 10-31-91

Samples received? N Contamination: Soil

Petroleum 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:

1st phase bio remediation - completed. will follow backfill
and excavate another area to bio remediate.
Will MW still be required?

Prop-owner: Frank Champion
3516 Adeline St
Oak 608

bs owner: same

Cont. 8006619

Date: 10-4-90

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

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

Hazardous Materials Division Inspection Form

Site ID# _____ Site Name City of Paris Cleaners Today's Date 10/9/90
 Site Address 3516 Adeline St EPA ID# _____
 City Oakland Zip 94608 Phone _____

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

Inspection Categories:

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

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

I.A GENERATOR (Title 22)

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

Comments:

Observed the removal of 3 UET's

1) 1,000 gal solvent tank, LEL 1.0, O₂ 19%
 Extensive holes in tank make reducing O₂ levels impractical

2) 1,000 gal solvent tank, LEL 1.0, O₂ 15%
 Extensive holes in tank make getting O₂ level down impractical

3) 1,000 gal solvent tank, LEL 0, O₂ 2%
 Holes noted in underside of each tank
 NO H₂O in excavation at a depth of 12'

2 soil samples collected from under each tank at a depth of approx 10'

1030-1330

I.B TRANSPORTER (Title 22)

- | | | |
|----------|--|-------|
| | <input type="checkbox"/> 32. Applic./Insurance | 66428 |
| | <input type="checkbox"/> 33. Comp. Cert./CHP Insp. | 66448 |
| | <input type="checkbox"/> 34. Containers | 66465 |
| Manifest | <input type="checkbox"/> 35. Vehicles | 66465 |
| | <input type="checkbox"/> 36. EPA ID #s | 66531 |
| | <input type="checkbox"/> 37. Correct | 66541 |
| | <input type="checkbox"/> 38. HW Delivery | 66543 |
| | <input type="checkbox"/> 39. Records | 66544 |
| Cont's | <input type="checkbox"/> 40. Name/ Covers | 66545 |
| | <input type="checkbox"/> 41. Recyclables | 66800 |

Contact: _____

Title: _____

Signature: _____

Inspector: _____

Signature: [Signature]

**ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
470 - 27TH ST., RM. 322
OAKLAND, CA 94612
PHONE NO. 415/874-7237**

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

ACCEPTED

*Remove 10/20/91
6/12/90
6/12/90*

UB577032
\$ 744.00
9-7-90

These plans have been reviewed and found to be acceptable and essentially meet the requirements of State and local health laws. Changes to your plans indicated on this department are to assure compliance with all applicable laws. The project proposed herein is subject to all laws in force of any required building permits for the project. One copy of these accepted plans must be submitted to the Building Inspection Department to determine if such charges meet the requirements of State and local laws. Notify this Department at least 48 hours prior to the following required inspections:

- _____ Removal of Tank and Piping
- _____ Sampling
- _____ Final Inspection

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

THIS IS A FINANCIAL DOCUMENT. IT DOES NOT OBTAIN PROTECTIVE MEASURES.

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

1. Business Name CITY OF PARIS CLEANERS/ VACANT BUILDING
 Business Owner ESTATE OF FRANK CHAMPION

2. Site Address 3516 ADELINE
 City OAKLAND Zip 94608-4221 Phone *****

3. Mailing Address 3516 ADELINE
 City OAKLAND Zip 94608 Phone *****

4. Land Owner THE ESTATE OF FRANK CHAMPION
 Address 3516~~B~~ ADELINE OAKLAND City, State CA Zip 94608

5. EPA I.D. No. CAC 000514208

6. Contractor SEMCO
 Address 1741 LESLIE STREET
 City SAN MATEO, CALIF Zip 94402 Phone 572-8033
 License Type A, B, C-61 ID# 449864

7. Other (Specify) N/A
 Address W. A. Craig Inc. P.O. Box 448 Napa, CA 94559-0448
 City license # 455 752 Phone 525-2780

8. Contact Person for Investigation

Name CHUCK KIPER Title VICE-PRESIDENT
Phone 572-8033

9. Total No. of Tanks at facility 3

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

11. State Registered Hazardous Waste Transporters/Facilities

a) Product/Waste Tranporter

Name ALLIED PETROLEUM EPA I.D. No. CAD 98065675128
Address P.O. BOX 193
City HILLMAR State CA Zip 95327

b) Rinsate Transporter

Name ALLIED PETROLEUM EPA I.D. No. CAD 98065675128
Address P.O. BOX 193
City HILLMAR State CA Zip 95327

c) Tank Transporter

Name ERICKSON EPA I.D. No. CAD 009466392
Address 255 PARR BLVD.
City RICHMOND State CA Zip 94801

d) Contaminated Soil Transporter

Name RICHARD HAMILTON TRUCKING EPA I.D. No. CAD 04403556
Address 1336 PAULINE AVENUE
City MODESTO State CA Zip 95351

12. Sample Collector

Name CHUCK KIPER
Company SEMCO
Address 1741 LESLIE STREET
City SAN MATEO State CA Zip 94402 Phone 572-8033

13. Sampling Information for each tank or area

Tank or Area		Material sampled	Location & Depth
Capacity	Historic Contents (past 5 years)		
250	SOLVENT	SOIL	TWO FEET BELOW TANKS
550	""	""	"" "" "" ""
1000	""	""	"" "" "" ""
			TPH-6 BTX+E

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

If yes, describe. _____

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

If yes, describe. HIGH PRESSURE HOT WATER DETERGENT WASH;

20 LBS PER 1000 GALLONS DRY ICE;

FINAL PURGE WITH AIR

16. Laboratories

Name SUPERIOR ANALYTICAL

Address 1555 BURKE UNIT 1

City SAN FRANCISCO, State CA Zip 94124

State Certification No. 220, 319

17. Chemical Methods to be used for Analyzing Samples

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Number
TPH D BTX & E	GCFID (5030) 8020 or 8240	

18. Site Safety Plan submitted? Yes No

19. Workman's Compensation: Yes No

Copy of Certificate enclosed? Yes No

Name of Insurer FAIRMONT

20. Plot Plan submitted? Yes No

21. Deposit enclosed? Yes No

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

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

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

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

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

Signature of Contractor

Name (please type) CHUCK KIPER
Signature *Chuck Kiper*
Date 9/5/90

Signature of Site Owner or Operator

Name (please type) JIM L. QUICK, ATTORNEY FOR ESTATE AND EXECUTORS OF FRANK CHAMPIC
Signature *James L. Quick*
Date 9/1/90

NOTES:

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

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

ATTACHMENT A

SAMPLING RESULTS

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

INSTRUCTIONS

2. SITE ADDRESS

Address at which closure or modification is taking place.

5. EPA I.D. NO.

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

6. CONTRACTOR

Prime contractor for the project.

7. OTHER

List professional consultants here.

12. SAMPLE COLLECTOR

Persons who are collecting samples.

13. SAMPLING INFORMATION

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

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

16. LABORATORIES

Laboratories used for chemical and geotechnical analyses.

17. CHEMICAL METHODS:

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

Contaminant - Specify the chemical to be analyzed.

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

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

NOTE:

Method Numbers are available from certified laboratories.

18. SITE SAFETY PLAN

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

19. ATTACH COPY OF WORKMAN'S COMPENSATION

20. PLOT PLAN

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

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

1/88

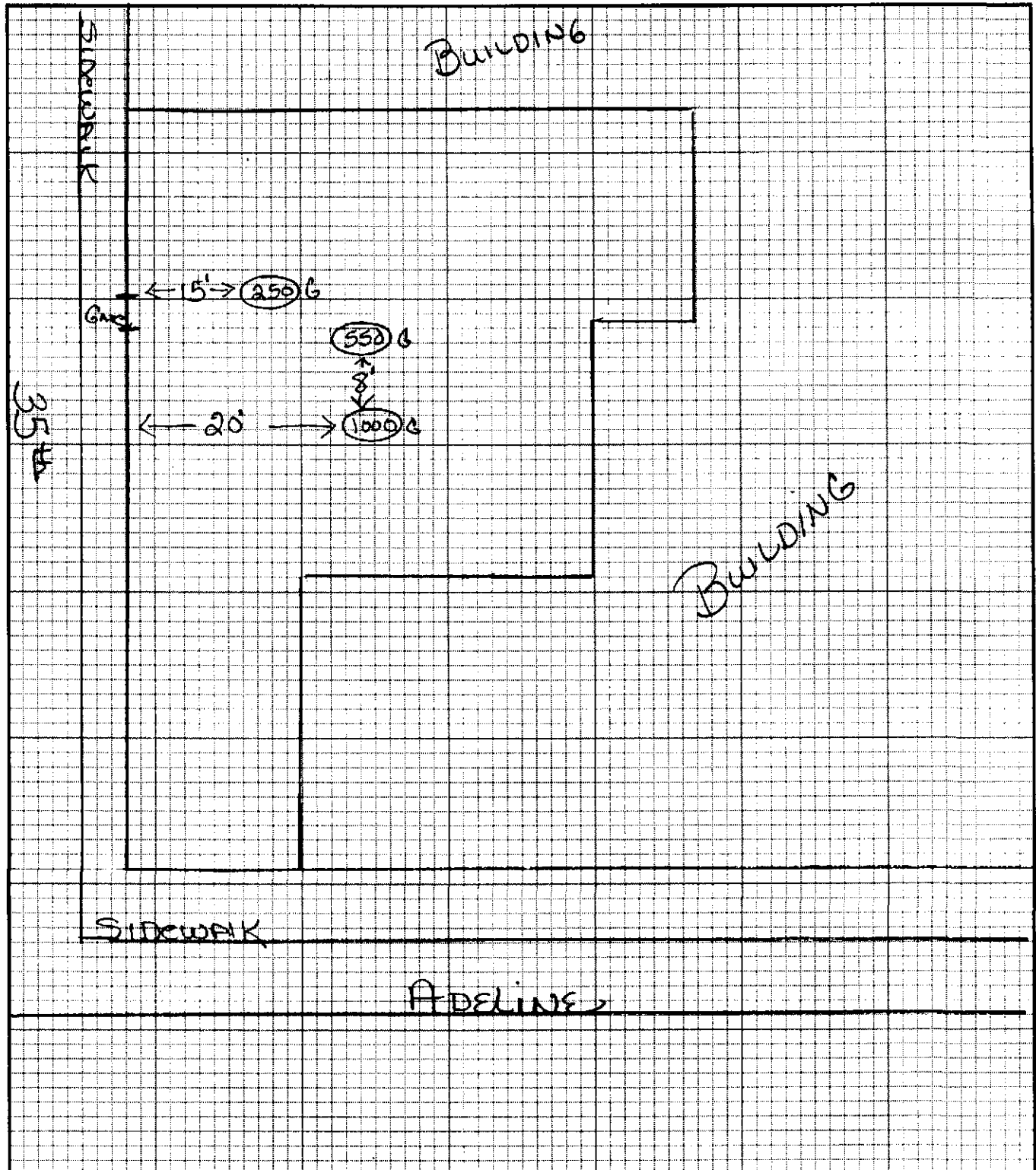
SEMCO
 Oil Heating Engineering Division
 1806 Leslie Street
 San Mateo, Calif. 94402
 (415) 572-8033

License No. 449864
 A, B, & C-61

SEMCO
 General & Engineering Contractors
 431 W. Hatch Rd.
 Modesto, Calif. 95351
 (209) 524-9653

SITE PLAN

SUBMITTED TO:	DESCRIPTION OF JOB:	
<i>Alameda County</i>	Job	<i>City of Paris</i>
<i>Oakland Fire</i>	Address	<i>3546 Adeline</i>
	City	State <i>CA</i>
	Phone	Date



ACORD. CERTIFICATE OF INSURANCE

ISSUE DATE (MM/DD/YY)

10/3/89

PRODUCER

R. L. Stewart Ins. Agency
P.O. Box 1515
Oakdale, Ca. 95361

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

COMPANIES AFFORDING COVERAGE

CODE

SUB-CODE

COMPANY LETTER **A** American Star Ins. Co.

COMPANY LETTER **B** Fairmont Ins. Co.

COMPANY LETTER **C**

COMPANY LETTER **D**

COMPANY LETTER **E**

INSURED

Semco, Inc.
431 West Hatch Rd.
Modesto, Ca. 95351

COVERAGES

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	ALL LIMITS IN THOUSANDS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> OWNER'S & CONTRACTOR'S PROT.	AMS 1-509826	10/1/89	10/1/90	GENERAL AGGREGATE \$ 1,000
					PRODUCTS-COMPOPS AGGREGATE \$ 1,000
					PERSONAL & ADVERTISING INJURY \$ 1,000
					EACH OCCURRENCE \$ 1,000
					PIRE DAMAGE (Any one fire) \$ 50
					MEDICAL EXPENSE (Any one person) \$ 5
	AUTOMOBILE LIABILITY				COMBINED SINGLE LIMIT \$
	<input type="checkbox"/> ANY AUTO				BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS				BODILY INJURY (Per accident) \$
	<input type="checkbox"/> SCHEDULED AUTOS				PROPERTY DAMAGE \$
	<input type="checkbox"/> HIRED AUTOS				EACH OCCURRENCE \$
	<input type="checkbox"/> NON-OWNED AUTOS				AGGREGATE \$
	<input type="checkbox"/> GARAGE LIABILITY				
	EXCESS LIABILITY				
	<input type="checkbox"/> OTHER THAN UMBRELLA FORM				
B	WORKER'S COMPENSATION AND EMPLOYERS' LIABILITY	F48637	9/5/89	9/5/90	STATUTORY \$ 1,000 (EACH ACCIDENT)
					\$ 1,000 (DISEASE-POLICY LIMIT)
					\$ 1,000 (DISEASE-EACH EMPLOYEE)
	OTHER				

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/RESTRICTIONS/SPECIAL ITEMS

All California Operations

This certificate would be applicable to all jobs taking place during the policy term shown.

CERTIFICATE HOLDER

County of Alameda
80 Swan Way, Room 200
Oakland, Ca. 94621

CANCELLATION

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

AUTHORIZED REPRESENTATIVE

Roger Sulan

SEMCO

HEALTH & SAFETY

PLAN

HEALTH MONITORING AND SAFETY PROGRAM

To assure the health and safety of employees involved in hazardous waste operations, Semco Inc. has developed and implemented a Health and Safety Program.

This plan is based on Standard Operating Safety Guides (USEPA) and The Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities (NIOSH/OSHA/USGC/EPA).

Semco inc. employees must receive health and safety training prior to commencing work at sites where hazardous materials may be present and will be provided with periodic follow-up training as appropriate. Health and Safety training will include;

- * Health Monitoring Program
- * Review of General Chemical & Mechanical Dangers
- * Emergency Response
- * Decontamination
- * Documentation and Record Keeping
- * Updating of Health and Safety Plan
- * Reference Guides for Hazardous Materials

When appropriate, a site-specific safety plan will be implemented and will include the following:

- * Site history
- * Inventory of known chemicals (updated as possible)
- * Project organization
- * Work Plan review
- * Project documentation
- * Review of site safety rules (site safety rules will be updated as new information is available or after an accident of implementation of contingency plan)
- * Review of decontamination procedures
- * Proper use and care of personal protective equipment
- * Proper calibration and use of monitoring equipment
- * Emergency response procedures

1.0 HEALTH MONITORING PROGRAM

All drilling personnel and field staff must be enrolled in the Semco Inc. Health Monitoring Program, developed in conjunction with Industrial Medical Clinics of Anaheim, CA. This program consists of an initial medical examination to establish the employee's general health profile and provides important baseline laboratory data for comparative study. The scope of the initial comprehensive physical examination and laboratory testing routine is detailed in Table 1-0. Follow-up examinations are completed for all personnel enrolled in the health monitoring program on a semi annual basis, or more frequently if project assignments warrant testing following specific field activities. The level of potential exposure that Semco personnel are subjected to in carrying out hazardous waste work assignments are recorded by the individual and reviewed weekly by the site supervisor. The California Poison Control Center maintains a comprehensive reference library containing the current information concerning the carcinogenic, mutagenic, teratogenic and toxic characteristics of hazardous wastes.

1.1 REVIEW OF EXPOSURE SYMPTOMS

Symptoms of exposure to hazardous materials for each site will be reviewed in order to indicate to personnel the recognized signs of possible exposure to those materials. This information will be supplemented with a discussion of the need for objecting in the personal health assessment to account for normal reaction to stressful situations. The Site Safety Officer (the lead driller) will be watchful for outward evidence of changes in worker health. These outward symptoms may include skin irritations, skin discoloration, eye irritability, reduced libido, intolerance to heat or cold, or loss of appetite. Employees will routinely be asked to assess their general state of health during individual projects. At the end of each week, employees will briefly describe minor injuries and chemical experience (exposure potential at each job site). This description will be turned in with time records, reviewed by the corporate safety officer and filed in the employees medical file.

TABLE 1-0

HEALTH MONITORING PROGRAM INITIAL EXAMINATION

Physical Examination

- * medical history survey
- * medical examination
- * vision; near and distance vision, color vision
- * hearing; audiometry
- * radiologic: PA:LAT
- * electrocardiogram: 12 lead
- * spirometry

Lab Studies

- | | | |
|----------------------|-------------------|--------------------|
| * hematology | * blood chemistry | |
| - red blood count | - SMA 17 | - urinalysis |
| - white blood count | - electrolytes | - Papanicolaou |
| - hemoglobin | - creatinine | - cholinesterase |
| - hematocrit | - SGPT | level |
| - platelet | - carbon dioxide | - thyroid function |
| - indices | - cholesterol | test T3/T4 |
| - sedimentation rate | - serum iron | |

2.0 REVIEW OF GENERAL CHEMICAL AND MECHANICAL DANGER

A set of standard onsite safety practices will be enforced during site activities to reduce the risks associated with handling contaminated materials and dangers inherent with working near heavy machinery. These safety practices are divided into three categories: personal precautions, rig safety and general procedures and operations.

2.1 PERSONAL PRECAUTIONS

- 2.1.1 Any practice which increases the probability of hand-to-mouth transfer and ingestion of contaminated material will be prohibited in any area designated contaminated. Prohibited activities include eating, drinking, chewing gum or tobacco and smoking.
- 2.1.2 Hands and face will be thoroughly washed upon leaving the work area and before eating, drinking or any other activities.
- 2.1.3 Any excess facial hair which interferes with proper fit of the mask to face seal will be prohibited on personnel required to wear respirator protection. (while respirators are not typically required, work will be prepared to upgrade to Level "C" protection requiring the use of respirators.)
- 2.1.4 Unnecessary contact with contaminated or suspected contaminated surfaces will be avoided. Workers will be instructed to avoid walking through puddles, mud, or other discolored surfaces: kneeling on the ground; and leaning, sitting, or placing equipment on drums, containers, vehicles or the ground.
- 2.1.5 Medicine and alcohol can increase adverse effect from exposure to toxic chemicals. Therefore, prescribed medication will not be taken by personnel during field activities. Also, alcoholic beverage intake will not be tolerated immediately before or during field work.
- 2.1.6 The effects of heat stress in all personnel will be monitored by the Health and Safety Officer. Appropriate measures will be taken to remove any potential victim of heat stress from the work area, provide cooling to the body and provide plenty of liquids to replace body fluids.

2.2 RIG SAFETY

Semco, Inc. has incorporated the National Drilling Federation's (NDF/DCDMA/NDCA) "Drilling Safety Guide" as our mechanical hazards and rig safety guide. This booklet is required reading for all field personnel.

2.3 GENERAL PROCEDURES AND OPERATIONS

2.3.1 Entrance and exit to the site will be planned and emergency escape routes will be determined. Before drilling begins a working phone will be located and the most expeditious route to a hospital established. Site Specific Hazards will be discussed and the clients safety requirements will be adopted. Personnel will practice any unfamiliar procedures prior to performing them in the field. The number of personnel and pieces of equipment in the work area will be minimized to the extent that it compromises the effectiveness of site operations. Procedures for leaving a contaminated work area will be established prior to going onsite. Work areas and decontamination procedures will be established based on site conditions.

2.3.2 LEVELS OF PROTECTION

The level of personnel protective equipment required shall be determined by the type and levels of waste or spill material present at the site where project personnel may be exposed. In situations where the types of waste or spill material on-site are unknown or the hazards are not clearly established or the situation changes during onsite activities, the Site Safety Officer must make a reasonable determination of the level of protection that will assure the safety of drilling personnel until the potential hazards have been determined precisely through monitoring, sampling, informational assessment, or other reliable methods. Once the hazards have been determined, protective levels commensurate with the hazards shall be employed. Protection levels will be continuously evaluated to reflect any new information acquired.

The levels of protection utilized by SEMCO INC. are presented below:

Level A - Level A protection must be selected when the Site Safety Officer makes a reasonable determination that the highest available level of both respiratory and skin and eye contact protection is needed. It should be noted that while Level A provides maximum available protection, it does not protect against all possible hazards. Consideration of the heat stress that can arise from wearing Level A protection should also enter into the subtask leaders decision. (Comfort is not a decision factor, but heat stress will influence work rate, scheduling, and other work practices.)

Level B - The Site Safety Officer must select Level B protection when the highest level of respiratory protection is needed, but hazardous material exposure to the few unprotected areas of the body (i.e. the back of the neck) is unlikely.

Level C - The Site Safety Officer may select Level C when the required level of respiratory protection is known, or reasonably assumed to be, not greater than the level of protection afforded by full face air purifying respirators; and hazardous materials exposure to the few unprotected areas of the body. Level C requires carrying an emergency escape respirator.

Level D - Level D is the basic work uniform. Investigators and response personnel must not be permitted to work in civilian clothes. An emergency escape respirator may be required

Respiratory protection criteria and suitable protection gear are summarized in Table 2-1. Fit testing of safety equipment will be an important part of establishing adequate respiratory and dermal protection. Fit testing will be accomplished prior to site explorations and each individual will be assigned a fitted respirator for the duration of the project. These will be tagged for identification.

It should be recognized that most situations require a different combination of respiratory and dermal protective gear, e.g., where no splash protection is required but a high respiratory hazard is present. The site Safety Officer may elect a modification of the above.

TABLE 2-1
 PROTECTIVE GEAR
 (AIR QUALITY LEVELS IN PPM)

	Level D	Level C	Level B	Level A
Air Quality Above Background	0	0-5	5-500	500-1000
Respirator Type*	Escape	Full Face + Escape	SCBA	SCBA
Clothing				
o Boots	*	*	*	*
o Safety glasses or equivalent	*	*	*	
o Hard hat	*	*	*	
o Gloves, inner and outer	*	*	*	*
o Booties		*	*	*
o Coveralls	*	*	*	
o Chemical protective coveralls		*	*	
o Totally encapsulated suit				*

* Use of a respirator is allowed only where identification or organic vapor constituents has occurred and appropriate respirator cartridges have been obtained.

3.0 EMERGENCY RESPONSE

3.1 ON-SITE FIRST AID

All of Semco, Inc.'s Drill Rigs will be equipped with the following items at all times:

- an industrial first aid kit
- 2 ELSA 10 minute supplied Air Escape Mask
- 3 Half Mask respirators
- 3 Full Face respirators
- 10 pair Cartridges TC-21C-287 (organic vapors)
- 10 pair Cartridges TC-23C-450 (organic vapors, acid gases)
- 3 hard hats
- 5 safety glasses
- 30 pair disposable gloves
- 10 pair butyl rubber gloves
- 10 chem resist coveralls (coated Tyvek)
- 3 pair rubber boots with steel toes
- 2 fire extinguishers (co 2)
- 1 eye wash station (portable)

3.1.1 At least one person qualified to perform first aid will be present onsite at all times during work activity. This person will have earned a certificate in first aid training from the American Red Cross or will have received equivalent training.

3.1.2 Transportation to Emergency Treatment

A vehicle will be available at all times for use in transporting personnel to the hospital. Hospital routes shall be discussed prior to onsite activity.

3.1.3 Contingency Planning

Prior to commencement of onsite activities, field personnel will review safety considerations with the Site Safety Officer. The Site safety Officer is responsible for adherence to the designated safety precautions and for adherence to the designated safety precautions and assumes the role of SEMCO, INC'S on site coordinator with the client in an emergency response situation.

3.2 POTENTIAL HAZARDS

The potential hazards associated with hazardous waste site investigation included 1) accidents; 2) contact, inhalation or ingestion of hazardous materials; 3) explosion; and 4) fire.

3.2.1 Accidents

Accidents must be handled on a case by case basis. Minor cuts, bruises, muscle pulls, etc., will still allow the injured person to undergo reasonable normal decontamination procedures prior to receiving direct first aid. More serious injuries may not permit complete decontamination procedures to be undertaken, particularly if the nature of the injury is such that the victim should not be moved. The nature and degree of surface contamination at a site is generally low enough that emergency vehicles could reach the victim on site without undue hazard.

3.2.2 Contact and/or Ingestion of Hazardous Materials

Properly prescribed and maintained protective clothing and adherence to established safety procedures are designed to minimize these hazards. However, it is still a possibility that contact or ingestion of materials may occur. One possibility for contamination is the puncture of a buried drum of liquid during drilling operations which might cause the random distribution of the drum contents. Standard first aid procedures should be followed. The drilling rig will have a tank of water which may be useful in some circumstances, particularly to flush off any exposed skin areas. Eye wash bottles will also be maintained at the site in case of emergencies. In cases of ingestion or other than minor contact with known substances, the Poison Control Center and local hospital should be contacted and the victim brought there immediately for further treatment and observation.

3.2.3 Explosion

The drilling crew should be keenly aware of combustible gas meter readings and withdraw at an indication of imminently hazardous conditions. The detection of such conditions shall be reported to local agencies for potential execution of the evacuation plan should the situation be assessed as warranting such response.

3.2.4 Fire

The combustible gas meter will also warn of imminent fire hazards at borings. The greatest fire hazard at the site should be recognized as handling the methanol used for decontamination. No smoking or open flames are allowed in this area. Carbon Dioxide fire extinguishers will be kept at the drilling rig, and the decontamination area/field office. The Fire Department, previously informed of site activities, will be called as needed.

3.3 EVACUATION RESPONSE LEVELS

Evacuation responses will occur at three levels: (1) withdraw from immediate work area (100+ feet upwind); (2) site evacuation; (3) evacuation of surrounding area. Anticipated conditions which might require these responses are described below:

Withdrawal up-Wind (100 or more feet)

- o Sensing ambient air conditions as containing greater contaminant concentrations than guidelines allow for the type of respiratory protection being worn. The work party may return upon donning greater respiratory protection and/or assessing the situation as transient or past.
- o Breach in protective clothing or minor accident. The party may return when tear or other malfunction is repaired and first aid or decontamination has been administered.

3.5.1 Site Evacuation:

Upon determination of conditions warranting site evacuation, the work party will proceed upwind of the borehole and notify the security force, Site Safety Officer and the field office of site conditions. If the decontamination area is upwind and greater than 500 feet from the borehole, the crew will pass quickly through decontamination to remove contaminated outer suits. If the hazard is toxic gas, respirators will be retained. The crew will proceed to the field office to assess the situation. There the respirators may be removed (if the PI meter indicates an acceptable condition). As more facts are determined from the field crew, these will be relayed to the appropriate agencies.

3.5.2 Evacuation of Surrounding Area

When the Site Manager determines that conditions warrant evacuation of downwind residences and commercial operations, the local agencies will be notified and assistance requested. Designated onsite personnel will initiate evacuation of the immediate off site area without delay.

3.6 TRAINING

The attached matrix (Figure 3-1) indicated training received by on site personnel. All personnel should become familiar with this matrix to minimize response times.

4.0 DECONTAMINATION

4.1 PERSONNEL DECONTAMINATION PROCEDURE

A decontamination procedure will be carried out by all personnel leaving hazardous waste sites. Under no circumstances (except emergency evacuation) will personnel be allowed to leave the site prior to decontamination. Procedures for removal of protective clothing are as follows:

- o Drop tools, monitors, samples and trash at designated drop stations. These will be plastic containers or drop sheets.
- o Step into designated shuffle pit area and scuff feet to remove gross amounts of dirt from outer boots. If necessary, wash boots down with clear water in designated wash pit area.
- o Remove tape from boots and remove boots. Discard in drum container.
- o Remove outer gloves and place in container.
- o Remove hard hat and respirator and hang in the designated area.
- o Remove coveralls and discard in container.
- o Remove inner gloves and discard in container.
- o If the site required utilization of a decontamination trailer, all personnel would also shower before leaving the site at the end of the work day.

Note: Disposable items (coverall, inner gloves, and overboots) will be changed on a daily basis unless there is reason for changing sooner. Dual respirator canisters will be changed weekly unless more frequent changes are deemed appropriate by site surveillance data or personnel assessment.

A water hose and/or designated wash area will be available for wash down and cleaning purposes.

A schematic of a typical decontamination area is shown in Figure 4-1.

4.2 EQUIPMENT DECONTAMINATION

Equipment to be decontaminated during the project may include: (1) drilling rig and tools; (2) sample containers; (3) monitoring equipment; and (4) respirators.

All decontamination will be done by personnel in protective gear appropriate for the level of decontamination, determined by the Site Safety Officer. The decontamination work tasks will be split or rotated among support and work crews. Decontamination procedures within the trailer (if used) should take place only after other personnel have cleared the "hot area", moved to the clean area and the door between the two areas closed.

Miscellaneous tools and samplers will be dropped into a plastic pail, tub or other container. They will be brushed off and rinsed (outside, if possible) and transferred into a second pail to be carried to further decontamination stations. They will be washed with a trisodium phosphate or detergent solution, rinsed with acetone or methanol, rinsed with a trisodium phosphate or detergent solution and finally rinsed with clean water.

4.2.1 Drilling Rig and Tools

It is possible that the drill rigs will be contaminated during test pit/borehole activities. They will be cleaned with high pressure water or portable high pressure steam followed by soap and water wash and rinse. Loose material will be removed by brush.

4.2.2 Sample Containers

Exterior surfaces of sample bottles will be decontaminated prior to packing for transportation to the analytical laboratory. Sample containers will be wiped clean and placed in individual Zip-Loc bags at the sample site. It will be difficult to keep the sample containers completely clean. The samples will be further cleaned if necessary and transferred to a clean carrier and the sample identifies noted and checked off against the chain-of-custody record. The samples, now in a clean carrier, will be stored in a secure area prior to shipment.

4.2.3 Monitoring Equipment

Monitoring equipment will be protected as much as possible from contamination by draping, masking or otherwise covering as much of the instruments as possible with plastic without hindering the operation of the unit. The HNU meter, for example, can be placed in a clear plastic bag which allows reading of the scale and operation of the knobs. The HNU sensor can be partially wrapped, keeping the sensor tip and discharge port clear.

The contaminated equipment will be taken from the drop area and the protective coverings removed and disposed of in the appropriate containers. Any dirt or obvious contamination will be brushed or wiped with a disposable paper wipe and the used wipers discarded. The units will then be taken inside in a clean plastic tub, wiped off with damp disposable wipes and dried. The units will be checked, standardized and recharged as necessary for the next day's operation. They will then be covered with new protective coverings.

4.2.4 Respirators

Respirators will be decontaminated daily. Taken from the drop area, the masks will be disassembled, the cartridges set aside and the rest placed in a cleansing solution. (Parts will be precoded, e.g., #1 on all parts of mask #1). After an appropriate time within the solution, the parts will be removed and rinsed off with tap water. The old cartridges will be marked to indicate length of usage and will be discarded into the contaminated trash container for disposal when considered spent. In the morning the masks will be re-assembled and new cartridges installed if appropriate. Personnel will inspect their own masks to be sure of proper readjustment of straps for proper fit.

5.0 DOCUMENTATION AND RECORD KEEPING

Samples of field activity documentation forms are attached. Minimum documentation consists of:

- o daily field record kept by individuals
- o hazardous site surveillance record kept by Site Safety Officer
- o chain-of-custody records and lab results of samples collected
- o personal hazardous material exposure record

The Site Safety Officer is also responsible for immediate notification of SEMCO Inc's Health and Safety Coordinator in the event of personal injury.

6.0 UPDATING OF HEALTH AND SAFETY PLAN

Each individual involved in field operations is responsible for maintaining weekly safety sheets. If any deficiency is encountered in the Health and Safety Plan, a report will be prepared and forwarded to the Health and Safety Coordinator. The Site Safety Officer will immediately initiate necessary changes to improve protection of field staff.

ACORD. CERTIFICATE OF INSURANCE

ISSUE DATE (MM/DD/YY)

9/6/9

PRODUCER

R. L. Stewart Ins. Agency
P.O. Box 1515
Oakdale, Ca. 95361

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

COMPANIES AFFORDING COVERAGE

COMPANY LETTER **A** Fairmont Ins. Co.

COMPANY LETTER **B**

COMPANY LETTER **C**

COMPANY LETTER **D**

COMPANY LETTER **E**

INSURED

Semco, Inc.
431 West Hatch Rd.
Modesto, Ca. 95351

COVERAGES

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
	GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> OCCUR <input type="checkbox"/> OWNER'S & CONTRACTOR'S PROT.				GENERAL AGGREGATE \$ PRODUCTS-COMP/OP AGG. \$ PERSONAL & ADV. INJURY \$ EACH OCCURRENCE \$ FIRE DAMAGE (Any one fire) \$ MED. EXPENSE (Any one person) \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS <input type="checkbox"/> GARAGE LIABILITY				COMBINED SINGLE LIMIT \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE \$
	EXCESS LIABILITY <input type="checkbox"/> UMBRELLA FORM <input type="checkbox"/> OTHER THAN UMBRELLA FORM				EACH OCCURRENCE \$ AGGREGATE \$
A	WORKER'S COMPENSATION AND EMPLOYERS' LIABILITY	WCN80480649	9/5/90	10/19/90	STATUTORY LIMITS EACH ACCIDENT \$1,000,000 DISEASE-POLICY LIMIT \$1,000,000 DISEASE-EACH EMPLOYEE \$1,000,000
	OTHER				

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS

All California Operations

CERTIFICATE HOLDER

County of Alameda
7801 Oakport St.
Oakland, Ca. 94621

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

Keen S. Jain

ACORD CORPORATION 19

Bob Saterly

4 contractor's 1600
Incinerator

City of Paris

letter out to scare action from actors

14600 Guadalupe Dr

Rancho Murieta, 95683