

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

May 26, 1993

Richard Hiatt
RWQCB, S.F. Bay Region
21010 Webster St., Ste 500
Oakland, CA 94612

STID 4580

RE: The site located at 2521 Central Avenue, Alameda,
California

RECOMMENDATION FOR UST CASE CLOSURE

Dear Mr. Hiatt,

On April 29, 1993, a 1,500-gallon heating oil underground storage tank was removed from the above site, which is an apartment complex. Ground water was observed in the tank pit. Two soil samples were collected from the sidewalls, one from the fill end of the tank and one from the other end, and one ground water sample was collected from the tank pit. These samples were analyzed for TPHd and BTEX. Analysis of all the soil samples did not identify any contaminants, however, analysis of the ground water sample identified 1,300 ppb TPHd, 0.7 ppb toluene, 0.4 ppb ethylbenzene, and 2 ppb xylenes (Please refer to copy of lab analysis results).

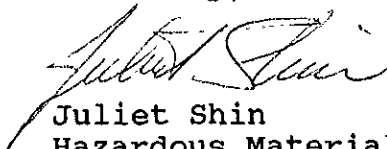
In a letter, dated May 4, 1993, I requested that this site conduct a Preliminary Site Assessment, in response to the contaminant concentrations identified in the ground water. However, since that time, I have been made aware of RWQCB's new policy regarding home heating oil tank sites, which states that these sites will only be subject to source removal requirements.

Per our conversation on May 25, 1993, this policy applies to this site. It appears that this site has conducted source removal to the extent feasible since all the soil samples results were non detect.

Please review all the attached information, and notify us of the RWQCB's decision as to whether it is in concurrence with this Department's decision. Please contact me if you have any questions.

Mr. Richard Hiett
Re: 2521 Central Ave.
May 26, 1993
Page 2 of 2

Sincerely,

A handwritten signature in cursive script, appearing to read "Juliet Shin".

Juliet Shin
Hazardous Materials Specialist

cc: Edgar Howell-File(JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

May 26, 1993

Betty Ann Hunter
c/o Sheldon Crandall
155 Grand Ave., #100
Oakland, CA 94612-3757

STID 4580

Re: Investigations at 2521 Central Avenue, Alameda, California

Dear Ms. Hunter,

On May 4, 1993, this office requested that you conduct a Preliminary Site Assessment at the above site in response to contamination observed in the ground water, 1,300 ppb diesel, during the tank removal. However, according to a Regional Water Quality Control Board (RWQCB) Memorandum that was distributed at an RWQCB meeting on May 10, 1993, they are in the midst of developing a policy that will not be requiring any further actions beyond source removal for home heating oil tank sites at private residences. RWQCB has requested that until this policy is completed, only source removal will be required of home heating oil tank sites (Please refer to attached copy of memo).

Per my conversation with Richard Hiatt, RWQCB, on May 25, 1993, Mr. Hiatt stated that the memorandum is applicable to this site. According to the lab analysis results of soil samples collected from the sidewalls and stockpiled soil, it appears that source removal has been removed to the extent feasible. Therefore, at this time, this office will not require further work, and we will be recommending closure for this site to RWQCB.

If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,

A handwritten signature in cursive script, appearing to read "Juliet Shin".

Juliet Shin
Hazardous Materials Specialist

cc: Richard Hiatt, RWQCB

Edgar Howell-File(JS)

(5/0) 569 4757

San Francisco Bay Regional Water Quality Control Board

MEMORANDUM

TO: Toxic Division Staff

April 30, 1993

From: Donald Dalke, Division Chief

Subject: Leaks From Underground Heating Oil Tanks At Private Residences

At the direction of Steve Ritchie, we are currently developing a policy for cleanup of the subject leaks. This policy is likely to differ significantly from our current policies and guidance provided by the Tri-Regional Recommendations.

Until this policy is completed, we should not be requiring any further actions beyond source removal at subject leak sites. Source removal includes tank contents, the tank itself [unless infeasible] and the polluted soil to the extent feasible.

John Kaiser is the lead staff for this policy development.

for 5/10/93 MDG

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

May 4, 1993

Ms. Betty Ann Hunter
155 Grand Ave., #100
Oakland, CA 94612-3757

STID 4580

Re: Required investigations at 2521 Central Avenue, Alameda,
California

Dear Ms. Hunter,

On April 29, 1993, a 1,500-gallon heating oil underground storage tank was removed from the above site. Two soil samples were collected from the sidewalls, one from the fill end of the tank and one from the other end, and one ground water sample was collected from the tank pit. These samples were analyzed for Total Petroleum Hydrocarbons as diesel (TPHd) and benzene, toluene, ethylbenzene, and xylenes (BTEX). Analysis of the soil samples did not identify any contaminants, however, analysis of the ground water sample identified 1,300 parts per billion TPHd and traces of BTEX.

Guidelines established by the California Regional Water Quality Control Board (RWQCB) require that investigations be conducted when there is evidence to indicate that a release from an underground storage tank may have impacted the ground water.

You are required to conduct a **Preliminary Site Assessment (PSA)** to determine the lateral and vertical extent and severity of ground water contamination which has resulted from the release at the site. The information gathered by the PSA will be used to determine an appropriate course of action to remediate the site, if deemed necessary. The PSA must be conducted in accordance with the RWQCB's Staff Recommendations for the Initial Evaluation and Investigation of Underground Tanks, and be consistent with requirements set forth in Article 11 of Title 23, California Code of Regulations. The major elements of such an investigation are summarized in the attached **Appendix A**. The major elements of the guidelines include, but are not limited to, the following:

- o At least one ground water monitoring well must be installed within 10 feet of the observed soil contamination, oriented in the confirmed downgradient direction relative to ground water flow. In the absence of data identifying the confirmed downgradient direction, a minimum of three wells will be required to verify gradient direction. During the

Ms. Betty Ann Hunter
Re: 2521 Central Ave.
May 4, 1993
Page 2 of 4

installation of these wells, soil samples are to be collected at five-foot-depth intervals and any significant changes in lithology. Having reviewed this office's files, it appears that there is a site fairly close to your site with monitoring wells at 2501 Santa Clara Avenue. However, if you wish to use these wells to determine ground water gradient for your site and these wells are not within 100 feet of your site, you will be required to show that these wells are hydraulically connected before using these wells as part of gradient determinations.

- o Subsequent to the installation of the monitoring wells, these wells must be surveyed to an established benchmark, with an accuracy of 0.01 foot. Ground water samples are to be collected and analyzed quarterly, and water level measurements are to be collected monthly for the first three months, and then quarterly thereafter. If the initial ground water elevation contours indicate that ground water flow directions vary greatly than you will be required to continue monthly water level measurements until the ground water gradient behavior is known. Both soil and ground water samples must be analyzed for the appropriate fuel contaminants listed in Table 2 of the RWQCB's Staff Recommendations for the Initial Evaluation and Investigation of Underground Tanks.

This Department will oversee the assessment and remediation of your site. Our oversight will include the review of and comment on work proposals and technical guidance on appropriate investigative approaches and monitoring schedules. The issuance of well drilling permits, however, will be through the Alameda County Flood Control and Water Conservation District, Zone 7, in Pleasanton. The RWQCB may choose to take over as lead agency if it is determined, following the completion of the initial assessment, that there has been a substantial impact to ground water.

The PSA proposal is due **within 60 days** of the receipt of this letter. Once the proposal is approved, field work should commence within 60 days. A report must be submitted within 45 days after the completion of this phase of work at the site. Subsequent reports are to be submitted quarterly until this site qualifies for final RWQCB "sign-off". Such quarterly reports are due the first day of the second month of each subsequent quarter.

Ms. Betty Ann Hunter
Re: 2521 Central Ave.
May 4, 1993
Page 3 of 4

The referenced initial and quarterly reports must describe the status of the investigation and must include, among others, the following elements:

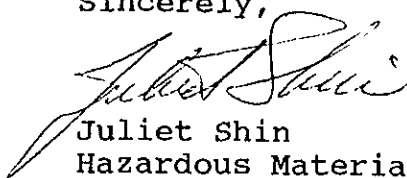
- o Details and results of all work performed during the designated period of time: records of field observations and data, boring and well construction logs, water level data, chain-of-custody forms, laboratory results for all samples collected and analyzed, tabulations of free product thicknesses and dissolved fractions, etc.
- o Status of ground water contamination characterization.
- o Interpretations of results: water level contour maps showing gradients, free and dissolved product, plume definition maps for each target component, geologic cross sections, etc.
- o Recommendations or plans for additional investigative work or remediation.

Please be advised that this is a formal request for a work plan pursuant to **Section 2722 (c) (d) of Title 23 California Code of Regulations**. Any extensions of the stated deadlines, or modifications of the required tasks, must be confirmed in writing by either this agency or RWQCB.

Please be reminded to copy Richard Hiett, at the San Francisco Bay Region-Water Quality Control Board, on all correspondence and reports regarding this site.

If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,


Juliet Shin
Hazardous Materials Specialist

Ms. Betty Ann Hunter
Re: 2521 Central Ave.
May 4, 1993
Page 4 of 4

cc: Richard Hiatt, RWQCB

Dave Cottle
Cottle Industries
P.O. Box 7
Antioch, CA 94509

Edgar Howell-File(JS)

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

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

Hazardous Materials Inspection Form

II, III

Site ID # 4580 Site Name Celia Harris Trust Today's Date 4/29/93

Site Address 2521 Central Ave.

City Alameda Zip 94501 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: Came out to site at 11:30A. Tank, a 4,500-gallon heating oil tank, was already pulled out. Pencil size holes observed in tank. (Refer to pictures). Fill end of tank was cemented over for sidewalk. Tank installed in 1928, according to Steve McKinley, Alameda Fire Dept. Tank was removed from site to Erickson Manifest # 922-89012. Nine feet to the top of water in pit. Two soil samples, one from fill end and one from opposite end of tank, were collected from capillary fringe. One groundwater sample was collected using a disposable bailer. Soil samples were collected using a hand auger, and after sloughing off surface soil and a brass tube sampler sleeve was hammered into center of hand auger sleeve.

Very slight stream in water.

II.A BUSINESS PLANS (Title 19)

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

II.B ACUTELY HAZ. MAT'LS

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

III. UNDERGROUND TANKS (Title 23)

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

Contact: Dave Cottle
 Title: CONTRACTOR
 Signature: Dave Cottle

Inspector: Juliet Shin
 Signature: Juliet Shin

II, III

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

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

II, III

Site ID # 4580 Site Name Celia Harris Trust Today's Date 4/29/93

Site Address 2521 Central Ave.

City Alameda Zip 94501 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:

The excavated soil had to be placed back into the tank pit because the pit was undermining the sidewalk w/ the condition that if this soil is found to be contaminated, then it will be re-excavated out tomorrow. Even if it can't be determined that soil is clean or dirty by tomorrow, this soil will be re-excavated out by end of end of tomorrow, and replaced w/ clean soil unless there is lab results showing clean. A liner will be placed in tank pit beneath this soil.

[Handwritten signature]

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)
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II.B ACUTELY HAZ. MAT'LS

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

III. UNDERGROUND TANKS (Title 23)

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

Rev 6/88

Contact: Dave Cottle
 Title: COTTLE CONTRACTOR
 Signature: [Handwritten Signature]

Inspector: Juliet Shroy
 Signature: [Handwritten Signature]

II, III



TRANSMITTAL

To: Alameda County Environmental Health Dept. Date: 4-22-93
80 SWAN WAY, Room 200
OAKLAND, CA 94621
Re: Tank Removal Permit
1521 Central Avenue
Alameda, California
Att: Juliet Shin

THESE ARE TRANSMITTED as checked below:

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> For approval | <input type="checkbox"/> Approved as submitted | <input type="checkbox"/> Resubmit _____ copies for approval |
| <input checked="" type="checkbox"/> For your use | <input type="checkbox"/> Approved as noted | <input type="checkbox"/> Submit _____ copies for distribution |
| <input checked="" type="checkbox"/> As requested | <input type="checkbox"/> Returned for corrections | <input type="checkbox"/> Return _____ corrected prints |
| <input type="checkbox"/> For review and comment | <input type="checkbox"/> _____ | |
| <input type="checkbox"/> FOR BIDS DUE _____ 19 _____ | <input type="checkbox"/> PRINTS RETURNED AFTER LOAN TO US | |

Note: Exxon Environmental EPA ID # CAD009466372
Dexona Ltd. EPA ID # CAD 982438566

Please contact ROY PANTLE at (415) 754-9935 if
you have any questions. FAX #(415) 754-1471

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

4/22/93
Please note that you are
required to comply w/ the changes of
additions in red ink.

ACCEPTED

DEPARTMENT OF ENVIRONMENTAL HEALTH
 470 - 27th St 4th Floor
 Oakland, CA 94612
 Telephone: (415) 374-7237

These plans have been reviewed and found to be acceptable and consistent with the provisions of State and local health laws. Changes to these plans made by the Department are to make corrections of clerical errors. It is the preference of the Department to review and approve any new additions or alterations to the plans or construction.

One copy of these accepted plans must be on file and available to all contractors and equipment involved with the removal.

Any change or alteration of these plans and specifications must be submitted to the Department for review and Building Department for obtaining of such changes must be in compliance 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 is dependent on compliance with accepted plans and all applicable laws and regulations.

THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

UNDERGROUND TANK CLOSURE PLAN

*** Complete according to attached instructions ***

1. Business Name Celia Harris Trust
 Business Owner Celia Harris Trust
 2. Site Address 2521 Central Avenue
 City Alameda Zip _____ Phone _____
 3. Mailing Address 155 Grand Avenue, #100
 City Oakland Zip 94612-3757 Phone 510-874-1955
 4. Land Owner Celia Harris Trust
 Address 155 Grand Ave, #100 City, State Oakland CA Zip 94612-3757
 5. Generator name under which tank will be manifested _____
Celia Harris Trust
- EPA I.D. No. under which tank will be manifested CAC

6. Contractor Cottle Industries
Address P.O. Box 7
City Antioch, CA 94509 Phone 510-754-9935
License Type* A - Hazardous ID# 481994

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

7. Consultant N/A
Address _____
City _____ Phone _____

8. Contact Person for Investigation
Name Roy Pantle Title Estimator
Phone 510-754-9935

9. Number of tanks being closed under this plan one
Length of piping being removed under this plan 23'
Total number of tanks at facility one

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

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

a) Product/Residual Sludge/Rinsate Transporter
Name Erickson Environmental EPA I.D. No. CAD009466392
Hauler License No. _____ License Exp. Date _____
Address Parr Blvd.
City Richmond State CA Zip 94804

b) Product/Residual Sludge/Rinsate Disposal Site
Name Erickson Environmental EPA I.D. No. CAD009466392
Address _____
City Richmond State CA Zip 94804

c) Tank and Piping Transporter

Name Dexanna Ltd. EPA I.D. No. CAD 982438566
Hauler License No. _____ License Exp. Date _____
Address Athens Court
City Concord State CA Zip 94519

d) Tank and Piping Disposal Site

Name Ericsson Environmental EPA I.D. No. CAD009466392
Address Parr Blvd.
City Richmond State CA Zip 94804

11. Experienced Sample Collector

Name Alvin Knackstedt
Company Cattle Industries
Address P.O. Box 7
City Antioch, State CA Zip 94509 Phone 510-754-9935

✓ 12. Laboratory

Name McCampbell Analytical
Address 110 2nd Ave. South
City Pacheco State CA Zip 94553
State Certification No. 1699

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

If yes, describe. _____

14. Describe methods to be used for rendering tank inert

Introduction of Dry Ice to tank at a ratio of 2.5 lbs. per 100 gallons of Tank Volume.

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

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

15. Tank History and Sampling Information

Tank		Material to be sampled (tank contents, soil, ground-water, etc.)	Location and Depth of Samples
Capacity	Use History (see instructions)		
1,500 gallons	Heating Oil	Soil If groundwater is observed in tank pit, one groundwater sample and two soil samples to be collected from walls next to tank ends.	One foot below tank bottom. Soil samples to be collected, one from each end of tank.

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

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (Estimated) 15 yards (C.U.)	Sampling Plan <i>One sample from each end of tanks, approximately one foot below the tank bottom in native undisturbed soil. 1 sample/20 yd³ if to be reused on site. 1 sample/50 yd³ if to be disposed of off site.</i>

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

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

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

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
<i>Heating Oil</i>		<i>TPHD (8210/3550) BTX & E (8020/8240) TPH & BTXE (8260)</i>	<i>Soil: 1ppm Water: 50ppb Soil: 0.5ppm Water: 0.5ppb</i>

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

18. Submit Worker's Compensation Certificate copy

Name of Insurer PC 948686 M. A. HAYS CO.

19. Submit Plot Plan (See Instructions)

20. Enclose Deposit (See Instructions)

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

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

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

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

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

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

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

Signature of Contractor

Name (please type) David E. Cottle, Sr. - Cottle Industries

Signature David E Cottle, Sr.

Date April 5, 1993

Signature of Site Owner or Operator

Name (please type) BETTY ANN HUNTER

Signature Betty Ann Hunter

Date April 9, 1993

COMMERCIAL

April 12, 1993

SHELDON E. CRANDALL
SENIOR VICE PRESIDENT
COMMERCIAL PROPERTIES

Juliet Shinn
~~Mr. Kevin Tinsley~~
**ALAMEDA COUNTY HEALTH
CARE SERVICES AGENCY**
Department of Environmental Health
Hazardous Materials Division
80 Swan Way, Room 200
Oakland, CA 94621

510 874-1955
510 834-9158 FAX

**RE: TANK REMOVAL APPLICATION — 2521 CENTRAL AVENUE, ALAMEDA,
CALIFORNIA**

Dear ~~Ms. Tinsley~~: *Juliet Shinn*

On Friday, April 9, 1993, Cottle Industries of Antioch, California, filed an application for a tank removal at the above referenced address. This letter is simply to serve as a separate request to expedite the permit process in order that we can start the work at the earliest possible date.

This property is an apartment house that is in the process of being sold, and an important part of our ability to complete the transaction depends upon an expeditious tank removal process. Anything that you can do to expedite the matter will therefore be appreciated, and we will otherwise make ourselves available if you have any questions of the building's owner.

Thank you for your assistance.

Cordially yours,

**CB Commercial
Real Estate Group, Inc.**

Sheldon E. Crandall
Sheldon E. Crandall

cc: Roy Pantle, Cottle Industries
Betty Ann Hunter, Cecilia Harris Trust

S:\SECRANDA\CORRESP\102-1:cc

ALAMEDA COUNTY HAZARDOUS MATERIALS DIVISION
Declaration of Site Account Refund Recipient

SITE OWNER FILLS OUT PER SITE

-- OPTIONAL --

The property owner will use this form to designate someone other than him- or her- self to receive any refund due at the completion of all deposit/refund projects at the site listed below. In the absence of this form, the property owner will receive any refund. Only one person at any one time may be designated to receive any refund.

SITE NUMBER/ADDRESS:

PROPERTY OWNER

Site Number
Celia Harris Trust
Company Name
2521 Central Avenue
Street Address
Alameda
City
Zip Code

Celia Harris Trust
Owner's Name
e/o C B Commercial Real Estate
155 Grand Avenue, #100
Owner's Address
Oakland CA 94612-3757
Owner's City State Zip

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

Cottle Industries
Name
P.O. Box 7
Street Address
Antioch, CA 94509
City / Zip

Betty Ann Hunter
Property Owner Signature

4-3-93
Date

BETTY ANN HUNTER
Property Owner Name

RETURN FORM TO: Alameda County, Hazardous Materials Div.
80 Swan Way, Rm 200
Oakland, CA 94621-1439
Phone: (510) 271-4320

ALAMEDA COUNTY HAZARDOUS MATERIALS DIVISION
Acknowledgement of Refund Recipient for Site Account

DEPOSITOR FILLS OUT PER SITE
-- REQUIRED --

The depositor will use this form to acknowledge that the property owner or his or her designee will receive any refund due at the completion of all deposit/refund projects at the site listed below.

REFUND RECIPIENT-PROPERTY OWNER

SITE NUMBER/ADDRESS:

Site Number

Company Name

Street Address

City Zip code

Owner's City

State

Zip

Owner's Name

Owner's Address

I have read the description of the project Deposit/Refund Procedure, and have had an opportunity to ask questions about it. I understand that regardless of who deposits money into the site account, any deposit money remaining at the completion of all projects being conducted at this site will be refunded solely to the property owner or his or her designee.

Signature of Depositor

Date

Depositor Name

Company Name

Street Address

City / Zip

RETURN FORM TO: Alameda County, Hazardous Materials Div.

80 Swan Way, Rm 200
Oakland, CA 94621-1439
Phone: (510) 271-4320

DR-ACKN; mfk; 8/14/91

ACORD CERTIFICATE OF INSURANCE

ISSUE DATE (MM/DD/YY)

2/25/1993

PRODUCER

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.

510-235-0353 FAX 510-235-5058
 M.A. HAYS COMPANY INC.
 3700 NEVIN AVENUE
 RICHMOND CA 94805

COMPANIES AFFORDING COVERAGE

COMPANY LETTER	A	REPUBLIC INDEMNITY INSURANCE
COMPANY LETTER	B	
COMPANY LETTER	C	
COMPANY LETTER	D	
COMPANY LETTER	E	

INSURED

COTTLE INDUSTRIES
 P.O. BOX 163
 ANTIOCH, CA 94509

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.

TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
GENERAL LIABILITY				GENERAL AGGREGATE \$
COMMERCIAL GENERAL LIABILITY				PRODUCTS-COMP/OP AGG. \$
CLAIMS MADE OCCUR.				PERSONAL & ADV. INJURY \$
OWNERS & CONTRACTORS PROT.				EACH OCCURRENCE \$
				FIRE DAMAGE (Any one fire) \$
				MED. EXPENSE (Any one person) \$
AUTOMOBILE LIABILITY				COMBINED SINGLE LIMIT \$
ANY AUTO				BODILY INJURY (Per person) \$
ALL OWNED AUTOS				BODILY INJURY (Per accident) \$
SCHEDULED AUTOS				PROPERTY DAMAGE \$
HIRED AUTOS				EACH OCCURRENCE \$
NON-OWNED AUTOS				AGGREGATE \$
GARAGE LIABILITY				STATUTORY LIMITS
EXCESS LIABILITY				EACH ACCIDENT \$ 1,000,000
UMBRELLA FORM				DISEASE - POLICY LIMIT \$ 1,000,000
OTHER THAN UMBRELLA FORM				DISEASE - EACH EMPLOYEE \$ 1,000,000
WORKER'S COMPENSATION AND EMPLOYERS' LIABILITY	T.B.D.	02/25/93	02/25/94	
OTHER				

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS

CERTIFICATE HOLDER

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

