

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

July 28, 1993

Sumadhu Arigala
RWQCB, S.F. Bay Region
2101 Webster St., Ste 500
Oakland, CA 94612

STID 3735

Re: The site located at 848 Blossom Way, Hayward, California

RECOMMENDATION FOR UST CASE CLOSURE

Dear Mr. Arigala,

This office has reviewed the files for this site and has come to the conclusion that this site can be recommended for closure.

Three underground storage tanks (USTs) were formerly located at the site: one 500-gallon diesel UST, and one 500-gallon and one 1,000-gallon gasoline UST.

On May 15, 1991, soil samples were collected from the native soil beneath the three former USTs at the site from depths ranging from 7 to 12.5 feet. These samples exhibited elevated concentrations of Total Petroleum Hydrocarbons (TPH) as gasoline and diesel as high as 24,000 parts per million. Further excavation was conducted of the tank pit and two additional soil samples were collected from the areas in the tank pit that had exhibited the highest levels of contamination. These soil samples were collected from a depth of approximately 15 feet. Analysis of these two samples did not identify any contaminants above detection limits. The excavated soil was stockpiled on site, sampled, and later disposed of off-site (Please refer to the attached report, "Remediation and Disposal of Stockpiled Contaminated Soil"). The tank pit was left open and secured by a fence.

In June 1992, this office requested that the site conduct some further investigations to confirm that all the contaminated soil had been removed, and to determine whether ground water had been impacted.

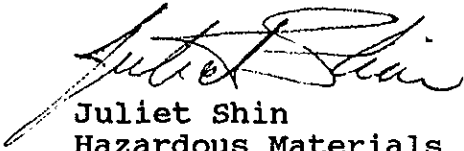
In March 1993, a soil boring was drilled at the northeast corner of the excavation, which formerly contained most or all of the soil contamination. An Alameda County Hazardous Materials Specialist, Juliet Shin, was out at the site to oversee this

Sumadhu Arigala
Re: 834 Blossom Way
July 28, 1993
Page 2 of 2

work. Soil samples were collected at 5-foot depth intervals and screened with an organic vapor meter. Four soil samples and one ground water grab sample was collected from the boring. No stains or odors were noted in any of the soil samples. Ground water was encountered at about 36.5 feet below ground surface. Due to some difficulty with recharge, the boring was advanced to 45 feet below ground surface before a ground water grab sample was collected. No floating product or sheen was noted. (Please refer to attached "Soil Boring" Report for further details and boring log). The soil and ground water samples were analyzed for TPHd, TPHg, and BTEX. All analytical results of the soil and ground water grab samples were nondetectable.

Please review the attached information and notify this office as to whether RWQCB concurs with the recommendation. If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,



Juliet Shin
Hazardous Materials Specialist

cc: Edgar Howell-File(JS)

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

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

Hazardous Materials Division Inspection Form

Page 1 of 2

Site ID# 3735 Site Name GEORGE HAYWOOD'S SITE Today's Date 3/31/93

Site Address 848 Blossom Way EPA ID# _____

City Hayward Zip 94541 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)

- ___ 1. Waste ID * 66471
- ___ 2. EPA ID 66472
- ___ 3. > 90 days 66508
- ___ 4. Label dates 66508
- ___ 5. Biennial 66493
- ___ 6. Records 66492
- ___ 7. Correct 66484
- ___ 8. Copy sent 66492
- ___ 9. Exception 66484
- ___ 10. Copies Rec'd 66492
- ___ 11. Treatment 66371
- ___ 12. On-site Disp. (H.S.&C.) 26189.5
- ___ 13. Ex Haz. Waste 66570
- ___ 14. Communications 67121
- ___ 15. Aisle Space 67124
- ___ 16. Local Authority 67126
- ___ 17. Maintenance 67120
- ___ 18. Training 67105
- ___ 19. Prepared 67140
- ___ 20. Name List 67141
- ___ 21. Copies 67141
- ___ 22. Emg. Coord. Tmg. 67144
- ___ 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:

Arrived out at the site at 8:00 A.M. Left back to the office at ~ 8:30 A.M. when drill rig hadn't shown up yet. Got back out to the site at ~ 9:35 A.M. One soil sample had already been collected at 5'-6 1/2 feet bgs. Sample collected at 10' bgs was sand. At 10' to 10'9" bgs was clay. Sandy clay was noted at ~ 15' bgs. No odor so far in any samples collected. Thin layer of gravel was noted in the 5-foot run from 15' to 20' bgs. Sample collected from 21' to 21.5 bgs was still ^{sandy} clay and stiff. No odor or stains yet. The soil is becoming clayey silt. Sample collected from about 26' bgs is a little siltier than last sample. No apparent odor or stains. Sample collected from ~ 31' bgs was sand w/ no apparent odor or staining. Groundwater was reached at 36 1/2' bgs. Soil sample was very gravelly, possibly a sandy gravel. No odor or staining was evident. They drilled down an additional 5' and brought the rig up 2' from that. The sample collected from 26' bgs had a reading of ~ 39ppm on gas tech.

I.B TRANSPORTER (Title 22)

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

Rev 6/88

Contact: _____

Title: _____

Signature: _____

Inspector: Juliet Shirn

Signature: Juliet Shirn

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

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

Hazardous Materials Division Inspection Form

Site ID# 3735 Site Name GEORGE HAYWOOD Today's Date 3/31/93
Site Address 848 Blossom Way EPA ID#
City Hayward Zip 94541 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
6. Records 66492
7. Correct 66484
8. Copy sent 66492
9. Exception 66484
10. Copies Rec'd 66492
11. Treatment 66371
12. On-site Disp. (H.S.&C.) 26189.5
13. Ex Haz. Waste 66570
14. Communications 67121
15. Aisle Space 67124
16. Local Authority 67126
17. Maintenance 67120
18. Training 67105
19. Prepared 67140
20. Name List 67141
21. Copies 67141
22. Emg. Coord. Tmg. 67144
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:

Sample from 30' bgs had a reading on the PID of 848 ppm. Depth to water was measured to be 36.08' bgs. There doesn't appear to be that much water in the aquifer & is possibly confined to the thin gravel layer. Tried collecting a groundwater sample, but not enough water could be collected in the disposable bucket for any sort of analysis. Therefore, they went ahead & continued drilling deeper w/ the knowledge that there is ^{probably} deeper aquifer at about 45' bgs from neighboring well information. Sample collected at ~40' bgs was a gravelly sand and was very wet. Water level determined to be 37.67' bgs. The hole was drilled down to 45' bgs over gravel and sand kept caving in. Water level was measured again & determined to be at ~34' bgs. Collected 2 whole amber bottles and 2 40ml vials full of groundwater & placed in ice chest. Filled up another amber bottle as back up for direct analysis.

IB TRANSPORTER (Title 22)

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

Contact: _____

Title: _____

Signature: _____

Inspector: Juliet Shin

Signature: Juliet Shin

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

March 5, 1993

Mr. George Haywood
132 Ivy Drive
Orinda, CA 94563

STID 3735

Re: The Soil Boring Work plan for 834 Blossom Way, Hayward,
California

Dear Mr. Haywood,

This office has received and reviewed Tank Protect Engineering's work plan, dated February 24, 1993, and finds this plan acceptable. Per my conversation with Mr. John Mrakovich, Tank Protect Engineering, on March 5, 1993, the boring will be placed five feet from the boundary of the tank pit. Mr. Mrakovich stated that the samples collected from the boring will be analyzed at one of the following Department of Health Services certified laboratories:

- o Trace Analysis, Hayward
- o Sequoia, Concord
- o S & W, Santa Cruz

Field work must begin within 60 days of the date of this letter. A report documenting the work shall be submitted within 45 days after the completion of field work.

Please notify me 48 hours prior to implementing the work. If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,


Juliet Shin
Hazardous Materials Specialist

cc: Sumadhu Arigala, RWQCB

Mr. George Haywood
Re: 834 Blossom Way
March 5, 1993
Page 2 of 2

John V. Mrakovich, Ph.D.
Tank Protect Engineering
2821 Whipple Rd.
Union City, CA 94587

Betty Chaves
848 Blossom Way
Hayward, CA 94541

✓Edgar Howell-File(JS)

EBH

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

January 29, 1993

Mr. George Haywood
132 Ivy Drive
Orinda, CA 94563

STID 3735

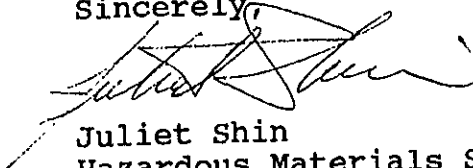
RE: Bioremediation work plan for 848 Blossom Way, Hayward, CA

Dear Mr. Haywood,

This office has received Tank Protect Engineering's work plan, dated January 25, 1993, for the bioremediation of the stockpiled soil at the above site. This plan is acceptable to this office. It is the understanding of this office that this work plan will be implemented within the next 7 weeks.

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

Sincerely,


Juliet Shin
Hazardous Materials Specialist

cc: Sumadhu Arigala, RWQCB

John V. Mrakovich, Ph.D.
Tank Protect Engineering
2821 Whipple Rd.
Union City, CA 94587

Betty Chaves
848 Blossom Way
Hayward, CA 94541

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 Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

January 26, 1993

Mr. George Haywood
132 Ivy Drive
Orinda, CA 94563

STID 3735

RE: Required investigations at 834 Blossom Way, Hayward,
California

Dear Mr. Haywood,

Per our past discussions on the phone and in person, in lieu of a full-blown ground water investigation, you are required to conduct further investigations to determine the depth to ground water at your site and the soil types in the vadose zone, in order for the County to determine whether past soil contamination may have impacted the ground water. One option for these required investigations, as previously discussed, was to place a boring at the site, near the former soil contamination resulting from the tanks, collecting soil samples every 5 feet, down to a depth of 45 to 50 feet or first ground water. A minimum of two soil samples from the boring are to be analyzed for Total Petroleum Hydrocarbons (TPH) as gasoline, TPH as diesel, and benzene, toluene, xylenes, and ethyl benzene, using approved analysis methods.

If ground water is not identified at or above 50 feet below ground surface, and the analysis of soil samples do not identify contamination, then this office may not require further investigations at the site. However, if ground water is observed above 50 feet below ground surface, then a ground water grab sample must be collected and analyzed for the above constituents. If analysis of this ground water sample, along with the soil samples, do not identify any contamination, then this office will consider this site for closure.

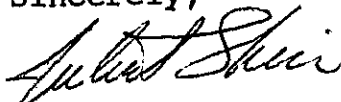
A work plan for the above required work is due to this office **within 60 days of the date of this letter**. Field work should commence within 60 days of the receipt of this letter. A report documenting the results from work performed is due to this office within 45 days of completing field activities.

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

Mr. George Haywood
RE: 834 Blossom Way
Page 2 of 2
January 26, 1993

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


Sincerely,



Juliet Shin
Hazardous Materials Specialist

cc: Sumadhu Arigala, RWQCB

John Mrakovich
Tank Protect Engineering
2821 Whipple Rd.
Union City, CA 94587

Edgar Howell-File(JS) 

12/26/92

Juliet

I would like to set up appointment with you regarding complete copies of work that has been done on my property regarding underground storage tank at 834 Blossom Way Hayward Ca. This is a two owner piece of property and I would like to know what has been done so far & what is left to complete this project.

Thank you
Betty E. Jones
848 Blossom Way
Hayward
Ca. 94541

886-5591

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

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

June 19, 1992

George Haywood
132 Ivy Drive
Orinda, CA 94563

STID 3735

RE: Requirement for Investigation of Soil Contamination from
Former Fuel Storage Tanks at 848 Blossom Way, Hayward 94541

Dear Mr. Haywood,

On May 15, 1991, soil samples were collected from the native soil beneath the three former underground storage tanks (USTs) at the site from depths ranging from 7 to 12.5 feet. These samples exhibited elevated concentrations of Total Petroleum Hydrocarbons (TPH) as gasoline and diesel as high as 24,000 parts per million. Further excavation was conducted of the tank pit and two additional soil samples were collected from the areas in the tank pit that had exhibited the highest levels of contamination. These soil samples were collected from a depth of approximately 15 feet. Analysis of these two samples did not identify any contaminants above detection limits. Although the contaminated soil appears to have been removed from the site, this office is concerned that the former soil contamination may have impacted groundwater beneath the site.

On January 30, 1992, this office sent you a letter requesting that you investigate the depth to groundwater and soil types beneath the site to determine whether groundwater investigations would be required. This office has not yet received a response from you.

You are required to submit the above information to this office within 30 days of the receipt of this letter. Additionally, this office has no record of the fate of the excavated soil that was found to be contaminated. Please send information regarding the disposal or aeration of this soil.

Mr. George Haywood
RE: 848 Blossom Way
June 19, 1992
Page 2 of 2

If you have any questions or comments please contact Ms. Juliet
Shin at (510) 271-4320.

Sincerely,



Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Eddy So, RWQCB
James Ferdinand, Eden Consolidated Fire Dept.
Mark Thompson, Alameda County District Attorney's Office
Edgar Howell-File (JS)

WATER RESOURCES CONTROL BOARD
DIVISION OF WATER QUALITY - UST CLEANUP PROGRAM
SITE SPECIFIC QUARTERLY REPORT
01/01/92 THROUGH 03/31/92

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 8006619
StID : 3735
SITE NAME: George Haywood DATE REPORTED : 05/15/91
ADDRESS : 834 Blossom Way DATE CONFIRMED: 05/15/91
CITY/ZIP : Hayward 94541 MULTIPLE RPs : N

SITE STATUS

CASE TYPE: S	CONTRACT STATUS: 2	EMERGENCY RESP:
RP SEARCH: S		DATE COMPLETED:
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: 03/03/92
LUFT FIELD MANUAL CONSID: 2,S,C,A
CASE CLOSED: DATE CASE CLOSED:
DATE EXCAVATION STARTED : REMEDIAL ACTIONS TAKEN: NT

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: George Haywood
COMPANY NAME:
ADDRESS: 834 Blossom Way
CITY/STATE: Hayward, Ca 94541

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

January 30, 1992

George Haywood
132 Ivy Dr.
Orinda CA 94563

**RE: Requirement for Investigation of Soil Contamination from Former
Fuel Storage Tanks at 848 Blossom Way, Hayward 94541**

Dear Mr. Haywood:

I have reviewed the results of soil sampling for your site. As we have discussed previously, the petroleum contamination found beneath the former tank location requires further investigation. The gasoline and diesel constituents pose a potential threat to groundwater beneath your site.

You are required to investigate the depth to groundwater to determine whether groundwater monitoring well installation is required at your property. Should your survey show that shallow groundwater is present, or that due to other site conditions groundwater may be at risk, a minimum of three groundwater monitoring wells will be required onsite for your investigation. Wells must be sampled and samples chemically analyzed monthly for a minimum of three months. After three consecutive months of sampling, all monitoring wells must be sampled at least quarterly for a minimum of one year. You must monitor and chemically analyze for Total Petroleum Hydrocarbons as gasoline and diesel as well as benzene, toluene, ethyl benzene, and xylene (BTEX). Depth to groundwater and groundwater gradient must be determined and reported.

A technical report must be submitted within three months of the time that the first sampling results are available. This report must present and interpret the information generated during the initial subsurface investigation. All reports and proposals must be signed by a qualified person. All work must be performed according to the guidelines found in the **Regional Board Staff Recommendations for Initial Evaluation and Investigation of Underground Tanks** and the **Leaking Underground Fuel Tank Manual**. Copies of these documents can be obtained from the RWQCB office in Oakland. All proposals, reports, and analytical results pertaining to this investigation and site remediation must be sent to this office and to:

Eddy So
RWQCB
2101 Webster St., 4th Floor
Oakland CA 94612

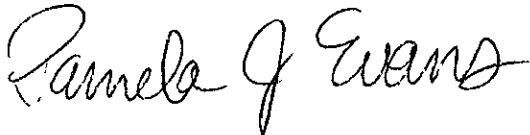
George Haywood
January 30, 1992
Page 2 of 2

Your work plan must, at a minimum, address the items listed on Attachment 1 (enclosed). I strongly recommend that you submit your work plan for review to this office **before** beginning work at the site.

Please fill out and return the enclosed Unauthorized Release Report to this office by February 10, 1992.

For your information, Alameda County has entered into a contract with the State Water Resources Control Board to oversee site investigations and clean ups resulting from underground tank leaks. I plan to transfer your case to this program, so you will be receiving official notification soon. You may contact me with any questions at (510)271-4320.

Sincerely,



Pamela J. Evans
Hazardous Materials Specialist

Enclosures

c: Eddy So, RWQCB
James Ferdinand, Eden Consolidated Fire Protection District

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 # _____ Site Name George Haywood Today's Date 9/23/91

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 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/gndwater 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 | ___ 7. Precls Tank Test 2643 |
| | Date: _____ |
| | ___ 8. Inventory Rec. 2644 |
| | ___ 9. Soil Testing . 2646 |
| | ___ 10. Ground Water. 2647 |
| | ___ 11. Monitor Plan 2632 |
| | ___ 12. Access. Secure 2634 |
| | ___ 13. Plans Submit 2711 |
| | Date: _____ |
| | ___ 14. As Built 2635 |
| Date: _____ | |

Rev 6/88

Site Address 848 Blossom Way

City Hayward Zip 94541 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

Contaminated Soil Removal / Confirmatory

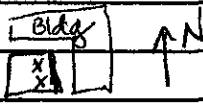
* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:

Sampling

This site had underground tanks removed several years ago. months ago. Soil samples taken this spring/summer showed petroleum contamination was present. Summer last sampling event showed TPH_g and BTEX present at 12.5 foot depth along east side of former tank pit. Owner has removed all soil and dug down an additional 2.5 feet to take two (2) confirmatory samples, NE & SE corners of pit. Sample depth = 15 feet.

Louis Dupuis & John Kang of Trace Analysis took samples. These soil samples are to be run for TPH_g, TPH_d, and BTEX constituents.



Contact: George Haywood

Title: owner

Signature: George Haywood

Inspector: _____
 Signature: Pamela Evans

II, III

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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

August 7, 1991

George Haywood
132 Ivy Dr.
Orinda CA 94563

**RE: Requirement for Soil and Groundwater Investigation at Former
Underground Fuel Tank Storage Site
848 Blossom Way
Hayward CA 94541**

Dear Mr. Haywood:

On May 15, 1991 follow up soil sampling was carried out at the above referenced property in conjunction with the removal of three underground tanks. Total Petroleum Hydrocarbon (TPH) constituents found beneath the excavated gasoline tanks were as high as 24,000 parts per million (ppm) in native soil. Whenever TPH concentrations exceed 100 ppm in undisturbed native soil in an area of shallow groundwater, as is the case at your site, Regional Water Quality Control Board guidelines require a follow up groundwater investigation.

You are required to investigate the full depth and lateral extent of petroleum contamination affecting soil and groundwater at and beyond your site. Soil contamination must be investigated and remediated. On August 1, 1991, we discussed the steps that must be taken to remediate contaminated soil.

Groundwater contamination must also be investigated. At a minimum, you must install three groundwater monitoring wells onsite. You must sample for depth to groundwater as well as for floating petroleum product and dissolved gasoline constituents. These constituents include Total Petroleum Hydrocarbons as gasoline and diesel (TPHg and TPHd) and benzene, toluene, ethyl benzene, and xylene (BTEX). Wells must be sampled monthly for a minimum of three months. Afterwards, all monitoring wells must be sampled at least quarterly for a minimum of one year. We require that you submit a work plan that outlines the manner in which subsurface contamination will be investigated and that includes a timetable for completion. **You must submit this work plan by October 15, 1991.**

All work must be performed according to the Regional Water Quality Control Board guidelines, which can be found in the **Regional Board Staff Recommendations for Initial Evaluation and Investigation of Underground Tanks, August 1990.** Copies of this document can be obtained from RWQCB.

George Haywood
RE: 848 Blossom Way, Hayward
August 7, 1991
Page 2 of 2

A groundwater gradient map must be developed for the site. A technical report must be submitted within three months of the time that the first sampling results are available. This report must present and interpret the information generated during the initial subsurface investigation.

All reports and proposals must be signed by a California-Certified Engineering Geologist, California-Registered Geologist, or a California-Registered Civil Engineer. All proposals, reports, and analytical results pertaining to this investigation and site remediation must be sent to this office and to:

Eddie So
RWQCB
2101 Webster St., 4th Floor
Oakland CA 94612

You must also complete and return an Underground Storage Tank Contamination Site Report by September 15, 1991. I have enclosed a form.

You may contact me with any questions at 271-4320.

Sincerely,

Pamela J. Evans
Hazardous Materials Specialist

Enclosure

c: Eddie So, RWQCB

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 # _____ Site Name Haywood - George Today's Date 5/15/91

Site Address 848 Blossom Way
City Hayward Zip 94541 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 - Follow up soil sampling

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

Comments:

Samples were removed from this site about 2 years ago, but no soil samples were taken at that time. Today, 7 soil samples were taken from native soil, and 1 from stockpile soils. Volume of stockpiles was approximately 20 ft³.

② former 1000 gal tank
① 1000 gal was a gasoline tank.
500 gal tanks - 1 was gasoline and 1 was diesel. Property owner George Haywood does not know which was which. I instructed sampler to request TPHd for samples ③-⑤, + TPHa, BTEX on all. ~~①-②~~
Gerry Westermann of Trace Analysis did the sampling. As sample ③ was being taken, a bluish discoloration and off-odor was noted. Another sample ③b was taken ~ 2 1/2' beneath # 3, (at ~ 9 1/2' - 10') then a 3rd at 12 1/2' feet (3c) ④ @ 10', ④b @ 12 1/2'. Samples ① + ② were taken at 7'. Pit was refilled after sampling.

Raisback & Sons did excavation work.

II, III

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(a)
- 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 | 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 Gauge Annual tank testing |
| | 8) Annual Tank Testing Daily Inventory |
| | 9) Other _____ |
| New Tanks | 7. Precs Tank Test 2643 |
| | Date: _____ |
| | 8. Inventory Rec. 2644 |
| | 9. Soil Testing. 2646 |
| New Tanks | 10. Ground Water. 2647 |
| | 11. Monitor Plan 2632 |
| | 12. Access. Secure 2634 |
| | 13. Plans Submit 2711 |
| New Tanks | Date: _____ |
| | 14. As Built 2635 |
| Date: _____ | |

Rev 6/88

Contact: George Haywood
Title: Owner
Signature: Geo R Haywood

Inspector: _____
Signature: Camela J Evans

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
80 SWAN WAY, ROOM 200
OAKLAND, CA 94621
PHONE NO. 415/271-4320

Project Specialist (print)

UNDERGROUND TANK CLOSURE PLAN

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

1. Business Name _____

Business Owner _____

2. Site Address 834 Blossom Way

City Hayward, Calif. Zip 94541 Phone _____

3. Mailing Address 132 Ivy Way

City Orinda, Calif. Zip 94563 Phone 376-4117

4. Land Owner George Haywood

Address 132 Ivy Dr., Orinda City, State Calif. Zip 94563

5. Generator name under which tank will be manifested _____

George Haywood/H & H Shipping

EPA I.D. No. under which tank will be manifested CAC000569168

6. Contractor _____
Address _____
City _____ Phone _____
License Type _____ ID# _____

7. Consultant Trace Analysis Laboratory
Address 3423 Investment Blvd.
City Hayward, Calif. Phone 415-783-6960

8. Contact Person for Investigation
Name George Haywood Title Owner
Phone 415-376-4117

9. Number of tanks being closed under this plan 3
Length of piping being removed under this plan 16'
Total number of tanks at facility 3

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 H & H Ship Service Co. EPA I.D. No. CCA0004771168
Hauler License No. 200505 License Exp. Date _____
Address 220 China Basin Street
City San Francisco State Ca. Zip 94107

b) Product/Residual Sludge/Rinsate Disposal Site

Name H&H Ship Service Co. EPA I.D. No. CA0004771168
Address 220 China Basin Street
City San Francisco State Ca. Zip 94107

c) Tank and Piping Transporter

Name H & H Ship Service Co. EPA I.D. No. CA0004771168
Hauler License No. 200548 License Exp. Date _____
Address 220 China Basin Street
City San Francisco State Ca. Zip 94107

d) Tank and Piping Disposal Site

Name H & H Ship Service Co. EPA I.D. No. CA0004771168
Address 220 China Basin Street
City San Francisco State Ca. Zip 94107

11. Experienced Sample Collector

Name Trace Analysis Laboratory
Company Trace Analysis Laboratory, Inc.
Address 3423 Investment Blvd. Unit 8
City Hayward State Ca. Zip 94545 Phone 415-783-6960

12. Laboratory

Name Trace Analysis Laboratory
Address 3423 Investment Blvd. Unit 8
City Hayward, State Ca. Zip 94545
State Certification No. _____

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

If yes, describe. _____

14. Describe methods to be used for rendering tank inert

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)		
500	diesel	native soils	5 1/2 - 7 1/2' deep
500	regular gasoline	"	2 samples in native soil per tank
1000	regular gasoline	"	
		stockpile soils	1 backfill soil to be sampled at 1 sample/20 yd ³

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)	Sampling Plan

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

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

18. Submit Worker's Compensation Certificate copy

Name of Insurer _____

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) _____

Signature _____

Date _____

Signature of Site Owner or Operator

Name (please type) _____ George B. Haywood

Signature _____ *Geo B Haywood*

Date _____ 5-9-91

INSTRUCTIONS

General Instructions

- * Three (3) copies of this plan plus attachments and deposit must be submitted to this Department.
- * Any cutting into tanks requires local fire department approval.
- * One complete copy of your approved plan must be at the construction site at all times; a copy of your approved plan must also be sent to the landowner.

Item Specific Instructions

2. SITE ADDRESS
Address at which closure is taking place.
5. EPA I.D. NO. under which the tanks will be manifested
EPA I.D. numbers may be obtained from the State Department of Health Services, 916/324-1781.
6. CONTRACTOR
Prime contractor for the project.
10. STATE REGISTERED HAZARDOUS WASTE TRANSPORTERS/FACILITIES
 - a) All residual liquids and sludges are to be removed from tanks before tanks are inerted.
 - c) Tanks must be hauled as hazardous waste.
 - d) This is the place where tanks will be taken for cleaning.
15. TANK HISTORY AND SAMPLING INFORMATION
Use History - This information is essential and must be accurate. Include tank installation date, products stored in the tank, and the date when the tank was last used.

Material to be sampled - e.g. water, oil, sludge, soil, etc.

Location and depth of samples - e.g. beneath the tank a maximum of two feet below the native soil/backfill interface, side wall at the high water mark, etc.

17. SITE HEALTH AND SAFETY PLAN

A site specific Health and Safety plan must be submitted. We advocate the site health and safety plan include the following items, at a minimum:

- a) The name and responsibilities of the site health and safety officer;
- b) Identification of health and safety hazards of each work task. Include potential fire, explosion, physical, and chemical hazards;
- c) An outline of briefings to be held before work each day to appraise employees of site health and safety hazards;
- d) Frequency and types of air and personnel monitoring to be used - along with the environmental sampling techniques and instrumentation. Include instrumentation maintenance and calibration methods and frequencies;
- e) Specific personal protective equipment and procedures to be used by workers to protect themselves from the identified hazards. Also state the contaminant concentrations in air - or other conditions - which will trigger changes in work or work habits to ensure workers are not exposed to high levels of hazardous chemicals or to other unsafe conditions;
- f) Confined space entry procedures (if applicable);
- g) Decontamination procedures;
- h) Measures to be taken to secure the site, excavation and stockpiled soil during and after work hours (e.g. barricades, caution tape, fencing, trench plates, security guards, etc.);
- i) Spill containment and emergency/contingency plan. Be sure to include emergency phone numbers, the location of the phone nearest the site, and directions to the hospital nearest the site;
- j) Documentation that all site workers have received the appropriate OSHA approved trainings and participate in appropriate medical surveillance per 29 CFR 1910.120; and
- k) Page for employees to sign indicating they have read and will comply with the site health and safety plan.

The safety plan must be distributed to all employees and contractors working in hazardous waste operations on site. **A complete copy of the site health and safety plan along with any standard operating procedures shall be on site and accessible at all times.**

NOTE: These requirements are excerpts from 29 CFR Part 1910.120, Hazardous Waste Operations and Emergency Response; Final Rule, March 6, 1989. Safety plans of certain underground tank sites may need to meet the complete requirements of this Rule.

19. PLOT PLAN

The plan should consist 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 Lines;
- d) Location of all Structures;
- e) Location of all relevant existing equipment including tanks and piping to be removed and dispensers;
- f) Streets;
- g) Underground conduits, sewers, water lines, utilities;
- h) Existing wells (drinking, monitoring, etc.);
- i) Depth to ground water; and
- j) All existing tanks and piping in addition to the ones being pulled.

20. DEPOSIT

A deposit, payable to Alameda County for the amount indicated on the Alameda County Underground Storage Tank Fee Schedule, must accompany the plans.

21. Blank Unauthorized Leak/Contamination Site Report forms may be obtained in limited quantities from our office and from the San Francisco Bay Regional Water Quality Control Board (415/464-1255). Larger quantities may be obtained directly from the State Water Resources Control Board at (916) 739-2421.

22. TANK CLOSURE REPORT

The tank closure report should contain the following information:

- a) General description of the closure activities;
- b) Description of tank, fittings and piping conditions. Indicate tank size and former contents; note any corrosion, pitting, holes, etc.;

- c) Description of the excavation itself. Include the tank and excavation depth, a log of the stratigraphic units encountered within the excavation, a description of root holes or other potential contaminant pathways, the depth to any observed ground water, descriptions and locations of stained or odor-bearing soil, and descriptions of any observed free product or sheen;
- d) Description of sampling methods;
- e) Description of any remedial measures conducted at the time of tank removal;
- f) To-scale figures showing the excavation size and depth, nearby buildings, sample locations and depths, and tank and piping locations. Include a copy of the plot plan prepared for the Tank Closure Plan under item 19;
- g) Chain of custody records;
- h) Copies of signed laboratory reports;
- i) Copies of "TSDF to Generator" Manifests for all hazardous wastes hauled offsite (sludge, rinsate, tanks and piping, contaminated soil, etc.); and
- j) Tabulation of the volume and final destination of all non-manifested contaminated soil hauled offsite.

TABLE #2
RECOMMENDED MINIMUM VERIFICATION ANALYSES FOR
UNDERGROUND TANK LEAKS

<u>HYDROCARBON LEAK</u>	<u>SOIL ANALYSIS</u>	<u>WATER ANALYSIS</u>
Unknown Fuel	TPH G GCFID(5030) TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH G GCFID(5030) TPH D GCFID(3510) BTX&E 602, 624 or 8260
Leaded Gas	TPH G GCFID(5030) BTX&E 8020 OR 8240 TPH AND BTX&E 8260 TOTAL LEAD AA -----Optional----- TEL DHS-LUFT EDB DHS-AB1803	TPH G GCFID(5030) BTX&E 602 or 624 TOTAL LEAD AA TEL DHS-LUFT EDB DHS-AB1803
Unleaded Gas	TPH G GCFID(5030) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH G GCFID(5030) BTX&E 602, 624 or 8260
Diesel, Jet Fuel and Kerosene	TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH D GCFID(3510) BTX&E 602, 624 or 8260
Fuel/Heating Oil	TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH D GCFID(3510) BTX&E 602, 624 or 8260
Chlorinated Solvents	CL HC 8010 or 8240 BTX&E 8020 or 8240 CL HC AND BTX&E 8260	CL HC 601 or 624 BTX&E 602 or 624 CL HC AND BTX&E 8260
Non-chlorinated Solvents	TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH D GCFID(3510) BTX&E 602 or 624 TPH and BTX&E 8260
Waste and Used Oil or Unknown (All analyses must be completed and submitted)	TPH G GCFID(5030) TPH D GCFID(3550) TPH AND BTX&E 8260 O & G 5520 D & F BTX&E 8020 or 8240 CL HC 8010 or 8240	TPH G GCFID(5030) TPH D GCFID(3510) O & G 5520 C & F BTX&E 602, 624 or 8260 CL HC 601 or 624
	ICAP or AA TO DETECT METALS: Cd, Cr, Pb, Zn, Ni METHOD 8270 FOR SOIL OR WATER TO DETECT: PCB* PCP* PNA CREOSOTE	PCB PCP PNA CREOSOTE

* If found, analyze for dibenzofurans (PCBs) or dioxins (PCP)

Reference: Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, 10 August 1990

EXPLANATION FOR TABLE #2: MINIMUM VERIFICATION ANALYSIS

1. OTHER METHODOLOGIES are continually being developed and as methods are accepted by EPA or DHS, they also can be used.
2. For DRINKING WATER SOURCES, EPA recommends that the 500 series for volatile organics be used in preference to the 600 series because the detection limits are lower and the QA/QC is better.
3. APPROPRIATE STANDARDS for the materials stored in the tank are to be used for all analyses on Table #2. For instance, seasonally, there may be five different jet fuel mixtures to be considered.
4. To AVOID FALSE POSITIVE detection of benzene, benzene-free solvents are to be used.
5. TOTAL PETROLEUM HYDROCARBONS (TPH) as gasoline (G) and diesel (D) ranges (volatile and extractible, respectively) are to be analyzed and characterized by GCFID with a fused capillary column and prepared by EPA method 5030 (purge and trap) for volatile hydrocarbons, or extracted by sonication using 3550 methodology for extractable hydrocarbons. Fused capillary columns are preferred to packed columns; a packed column may be used as a "first cut" with "dirty" samples or once the hydrocarbons have been characterized and proper QA/QC is followed.
6. TETRAETHYL LEAD (TEL) analysis may be required if total lead is detected unless the determination is made that the total lead concentration is geogenic (naturally occurring).
7. CHLORINATED HYDROCARBONS (CL HC) AND BENZENE, TOLUENE, XYLENE AND ETHYLBENZENE (BTX&E) are analyzed in soil by EPA methods 8010 and 8020 respectively, (or 8240) and in water, 601 and 602, respectively (or 624).
8. OIL AND GREASE (O & G) may be used when heavy, straight chain hydrocarbons may be present. Infrared analysis by method 418.1 may also be acceptable for O & G if proper standards are used. **Standard Methods" 17th Edition, 1989, has changed the 503 series to 5520.**
9. **PRACTICAL QUANTITATION REPORTING LIMITS are influenced by matrix problems and laboratory QA/QC procedures. Following are the Practical Quantitation Reporting Limits:**

	<u>SOIL PPM</u>	<u>WATER PPB</u>
TPH G	1.0	50.0
TPH D	1.0	50.0
BTX&E	0.005	0.5
O & G	50.0	5,000.0

Based upon a Regional Board survey of Department of Health Services Certified Laboratories, the Practical Quantitation Reporting Limits are attainable by a majority of laboratories with the exception of diesel fuel in soils. The Diesel Practical Quantitation Reporting Limits, shown by the survey, are:

ROUTINE	MODIFIED PROTOCOL
≤ 10 ppm (42%)	≤ 10 ppm (10%)
≤ 5 ppm (19%)	≤ 5 ppm (21%)
≤ 1 ppm (35%)	≤ 1 ppm (60%)

When the Practical Quantitation Reporting Limits are not achievable, an explanation of the problem is to be submitted on the laboratory data sheets.

- LABORATORY DATA SHEETS are to be signed and submitted and include the laboratory's assessment of the condition of the samples on receipt including temperature, suitable container type, air bubbles present/absent in VOA bottles, proper preservation, etc. The sheets are to include the dates sampled, submitted, prepared for analysis, and analyzed.
- IF PEAKS ARE FOUND, when running samples, that do not conform to the standard, laboratories are to report the peaks, including any unknown complex mixtures that elute at times varying from the standards. Recognizing that these mixtures may be contrary to the standard, they may not be readily identified; however, they are to be reported. At the discretion of the LIA or Regional Board the following information is to be contained in the laboratory report:

The relative retention time for the unknown peak(s) relative to the reference peak in the standard, copies of the chromatogram(s), the type of column used, initial temperature, temperature program is C/minute, and the final temperature.

- REPORTING LIMITS FOR TPH are: gasoline standard ≤ 20 carbon atoms, diesel and jet fuel (kerosene) standard ≤ 50 carbon atoms. It is not necessary to continue the chromatography beyond the limit, standard, or EPA/DHS method protocol (whichever time is greater).

EPILOGUE

ADDITIVES: Major oil companies are being encouraged or required by the federal government to reformulate gasoline as cleaner burning fuels to reduce air emissions. MTBE (Methyl-tertiary butyl ether), ETHANOL (ethyl alcohol), and other chemicals may be added to reformulate gasolines to increase the oxygen content in the fuel and thereby decrease undesirable emissions (about four percent with MTBE). MTBE and ethanol are, for practical purposes, soluble in water. The removal

Regional Board Staff Recommendations
Preliminary Site Investigation

10 August 1990

from the water column will be difficult. Other compounds are being added by the oil companies for various purposes. The refinements for detection and analysis for all of these additives are still being worked out. If you have any questions about the methodology, please call your Regional Board representative.



CERTIFICATE OF INSURANCE

SET TAB STOPS AT ARROWS

ISSUE DATE (MM/DD/YY)

5/3/91

PRODUCER

ALLSTATE INSURANCE COMPANY
1618 HOLMES STREET
LIVERMORE, CA 94550

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** ALLSTATE INSURANCE CO.

COMPANY LETTER **B**

COMPANY LETTER **C**

COMPANY LETTER **D**

COMPANY LETTER **E**

INSURED

GLEN RAILSBACK DBA:
RAILSBACK TRUCK & TRACTOR
4600 Ewing Rd
Castro Valley, CA 94546

COVERAGES

THIS IS TO CERTIFY THAT 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.

CO TR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIABILITY LIMITS IN THOUSANDS		
						EACH OCCURRENCE	AGGREGATE
A	GENERAL LIABILITY	0 50 993478	05/18/90	05/18/92	BODILY INJURY	\$	\$
	<input checked="" type="checkbox"/> COMPREHENSIVE FORM						
	<input type="checkbox"/> PREMISES/OPERATIONS UNDERGROUND EXPLOSION & COLLAPSE HAZARD PRODUCTS/COMPLETED OPERATIONS						
	<input checked="" type="checkbox"/> CONTRACTUAL				\$300,000	\$300,000	
	<input checked="" type="checkbox"/> INDEPENDENT CONTRACTORS						
	<input checked="" type="checkbox"/> BROAD FORM PROPERTY DAMAGE <input checked="" type="checkbox"/> PERSONAL INJURY					\$	
A	AUTOMOBILE LIABILITY	0 50 855372	05/18/90	05/18/92	BODILY INJURY (PER PERSON)	\$	
	<input type="checkbox"/> ANY AUTO						
	<input type="checkbox"/> ALL OWNED AUTOS (PRIV. PASS)						
	<input checked="" type="checkbox"/> ALL OWNED AUTOS (OTHER THAN PRIV. PASS)						
	<input checked="" type="checkbox"/> HIRED AUTOS						
<input checked="" type="checkbox"/> NON OWNED AUTOS <input type="checkbox"/> GARAGE LIABILITY		\$1,000,000					
A	EXCESS LIABILITY				BI & PD COMBINED	\$	\$
	<input type="checkbox"/> UMBRELLA FORM <input type="checkbox"/> OTHER THAN UMBRELLA FORM						
A	WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY	0 50 171315	02/21/91	02/21/92	STATUTORY		
					\$	(EACH ACCIDENT)	
					\$	(DISEASE POLICY LIMIT)	
A	OTHER	0 50 994162	05/18/90	05/18/92		\$	(DISEASE-EACH EMPLOYEE)
	Inland Marine						

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS

CERTIFICATE HOLDER

George Haywood
132 Ivy Drive
Orinda, CA 94563

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL _____ 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

Mel Helbacka

Mel Helbacka

April 26, 1991

Ms. Pamela Evans
Department of Environmental Health
Alameda County Health Care Services
Hazardous Material Program
80 Swan Way Room 200
Oakland, Calif. 94621

Re: Work Plan for
Soil Contamination
Investigation of Fuel
Storage Tanks Located
at 834 Blossom Way,
Hayward, Calif. 94541

Dear Ms. Evans,

Per your request, please find enclosed a workplan for soil contamination investigation at the subject site. The project site is located on the northside of Blossom Way in Hayward, Calif.

1. Review County regulations with regard to underground storage tanks. Subject tanks were removed under Manifest EPA #CAC000569168.
2. An exploratory excavation in the area where the three tanks were located. The excavation will be at such depths as will be deemed necessary. The excavation will be logged under the direction of Department of Environmental Health, Alameda County. The soil samples will be taken from the backhoe bucket by Trace Analysis Laboratory and placed in an ice chest for transport to Trace Analysis, a State of California Certified Chemical Laboratory. Safety precautions to be taken include, placing spoils on visqueen and tarps, and providing barricades and fencing as necessary.
3. Trace Analysis Laboratory shall perform the necessary chemical and mechanical testing on the samples excavated to determine if there is any contamination. If contamination is found, Alameda County Health Services shall provide recommendations for the disposal of the soil.
4. A summary of the findings and recommendations shall be in the form of a written report.

Discussed requirements w/ George Haywood on 4/29/91. Will line up a backhoe operator for digging. Samples at 5½' to 7½' depth, 6 total (2 per each of 3 tanks). Backfill soil to be sampled at 1/20 yd³. He said that work would be completed within 30 days.

Respectfully Submitted,

George B. Haywood

George B. Haywood
415-376-4117

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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

March 18, 1991

George Heywood
132 Ivy Dr.
Orinda CA 94563

RE: Fuel Storage Tanks at 848 Blossom Way, Hayward 94541

Dear Mr. Heywood:

On February 21, 1991, I visited the above referenced site and noted that four fuel storage tanks were being stored in the rear fenced area. Three of the tanks were caked with dirt and bore a number of visible holes.

I spoke to you on at least two occasions shortly after my site visit between February 21 and 25. You gave the following history of tank use and removal: Two of the tanks were excavated two years ago from a pit at the end of the drive near the L shaped garage. These two tanks had held diesel and gasoline fuel and had not been operated in over 20 years. The diesel tank held about 1000 gallons, and the gasoline tank about 500 gallons. Once removed, these tanks were each filled with approximately 200 gallons of water. A third tank had been onsite since the 1940s. It was excavated sometime between 1940 and the 1950s, when the other two tanks were installed. The fourth tank at the site had not been stored below ground and had been used by a tenant, Tallman Construction, to store a petroleum product.

You also stated that you had already obtained a hazardous waste generator's ID number (CAC000569168) and had contacted a hazardous waste hauler to remove the tanks from the site. On March 7, 1991, I was informed by Vern Brooks of Eden Consolidated Fire District that he had been present when tanks were removed from the property that morning.

As you are now aware, this office requires that underground fuel tank owners submit a closure plan prior to tank removal. Although the tanks were removed without this agency's oversight, you must nevertheless investigate soil and groundwater contamination in the vicinity of the former tank pit. At a minimum, you must undertake the following steps in order to investigate possible soil and groundwater contamination at your site:

1. Take a representative number of soil, and if groundwater is present in the bottom of the tank pit, groundwater samples from the bottom of the former tank pit. You will need to determine the depth of the former tank pit, and must

George Heywood
848 Blossom Way
March 18, 1991
Page 2 of 3

take at least four soil samples. Soil and groundwater samples must be chemically analyzed for petroleum fuel constituents.

2. The fill soils from the former tank pit must also be investigated for possible contamination if these soils were retained on site after the tank excavation. If they were removed from your site, you must provide information about their disposal.

3. Describe the length and routing of pipes associated with the tanks.

4. Because the excavated tanks were stored onsite for two years and filled with water, the soil in the storage area is likely to have been contaminated. You must sample the soil beneath where these tanks rested.

5. Report any evidence of contamination to this office within 5 days of discovery. The report must be made on an Underground Storage Tank Unauthorized Leak/Contamination Report. A blank copy is enclosed.

You must submit a written workplan that describes how you will investigate possible fuel contamination in the vicinity of the former tank pit and in the tank storage area. **Submit this workplan, including a timetable for completion of each step, by April 30, 1991.** Any extensions of deadlines set forth in this letter or those set forth in your timetable and accepted by this office must be approved in advance and confirmed in writing.

All work must be carried out according to the guidelines set forth in the document titled "Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites". You may obtain a copy of this document through the Regional Water Quality Control Board by calling (415)464-1269. All reports and proposals must be signed and stamped by a California-Certified Engineering Geologist, California-Registered Geologist, or a California-Registered Civil Engineer.

This Division is working in conjunction with the San Francisco Bay Regional Water Quality Control Board. This is a formal request for technical reports pursuant to California Water Code Section 13267 (b). All workplans, proposals, reports, and analytical results must be sent to this office and to:

George Heywood
848 Blossom Way
March 18, 1991
Page 3 of 3

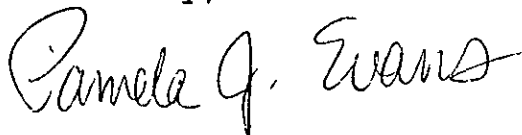
Richard Hiett
RWQCB, San Francisco Bay Region
1800 Harrison St., Suite 700
Oakland CA 94612

91 APR 15 PM 10:27

To cover this agency's costs for investigation review, you must submit a fee of \$642.00 to this office.

You may contact me with any questions at (415)271-4320.

Sincerely,



Pamela J. Evans
Hazardous Materials Specialist

REF./
A/C NO. M

COUNTY OF ALAMEDA
OFFICE OF THE AUDITOR-CONTROLLER

DATE: 4 15 91

MISCELLANEOUS RECEIPT

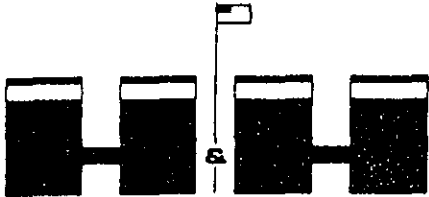
No 592397 PE

\$ 642.00
DOLLARS

RECEIVED GEORGE & DOROTHY HAYWOOD
 FROM: 132 IVY DR BRINDA CA 94563
 FOR: GEORGE HAYWOOD
848 Blossom Way, Hayward, CA
 RECEIVED BY: G. Olsen
 DEPT. NO.: 430-453

CASH PERSONAL/CASHIER'S CHECK/M. O. # 0809 OTHER: _____

Distribution: White - Payor Yellow & Pink - Depart.



ENVIRONMENTAL SERVICES
 (DIVISION OF H&H SHIP SERVICE CO., INC.)

CERTIFICATE OF DISPOSAL

MARCH 12, 1991

H & H Ship Service Company hereby certifies to MR. GEORGE HAYWOOD

1. The storage tank(s), size(s) 1-1,000 GALS. AND 2-500 GALS.

removed from the GEORGE HAYWOOD/BETTY CHAVES
834 BLOSSOM WAY
HAYWARD, CALIFORNIA

were transported to H & H Ship Service Company, 220 China Basin St., San Francisco, California 94107.

2. The following tank(s), H & H Job Number 7210
 have been steamed cleaned, cut with approximately 2' X 2' holes, rendered harmless and disposed of as scrap metal.

3. Disposal site: SCHNITZER STEEL, OAKLAND, CALIFORNIA.

4. The foregoing method of destruction/disposal is suitable for the materials involved, and fully complies with all applicable regulatory and permit requirements.

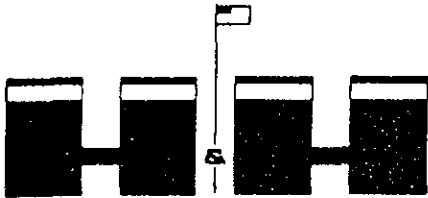
5. Should you require further information, please call (415) 543-4835.

Very Truly Yours,


 Cleveland Valrey
 Operations Coordinator

220 CHINA BASIN, SAN FRANCISCO, CA 94107 • DAY AND NIGHT: 543-4835





ENVIRONMENTAL SERVICES

(DIVISION OF H&H SHIP SERVICE CO., INC.)

CERTIFICATE OF DISPOSAL

MARCH 12, 1991

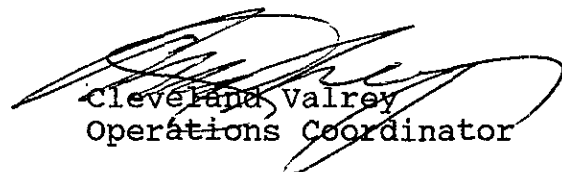
H & H Ship Service Company hereby certifies to MR. GEORGE HAYWOOD

- 1. The RESIDUE FUEL DISPENSERS
removed from the GEORGE HAYWOOD/BETTY CHAVES
facility at 834 BLOSSOM WAY
HAYWARD, CALIFORNIA

were transported to H & H Ship Service Company, 220 China Basin St., San Francisco, California 94107.

- 2. The following fuel dispenser(s), H & H Job Number 7210 have been steamed cleaned, rendered harmless and disposed of as scrap metal.
- 3. Disposal site: SCHNITZER STEEL, OAKLAND, CALIFORNIA
- 4. The foregoing method of destruction/disposal is suitable for the materials involved, and fully complies with all applicable regulatory and permit requirements.
- 5. Should you require further information, please call (415) 543-4835.

Very Truly Yours,


Cleveland Valrey
Operations Coordinator

220 CHINA BASIN, SAN FRANCISCO, CA 94107 • DAY AND NIGHT: 543-4835



Please print or type. Form designed for use on elite (dot matrix) typewriter.

UNIFORM HAZARDOUS WASTE MANIFEST		Generator's US EPA ID No. C A C 0 0 0 5 6 9 1 6 8		Manifest Document No. 0 0 0 0 2		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.			
3. Generator's Name and Mailing Address MR. GEORGE HAYWOOD 132 Ivy Drive, Orinda, Ca. 94563						A. State Manifest Document Number 90546804					
4. Generator's Phone (415) 376-4117						B. State Generator's ID					
5. Transporter 1 Company Name H & H Ship Service Company			6. US EPA ID Number C A D 0 0 4 7 7 1 1 6 8			C. State Transporter's ID 200548		D. Transporter's Phone (415) 543-4835			
7. Transporter 2 Company Name						E. State Transporter's ID					
8. US EPA ID Number						F. Transporter's Phone					
9. Designated Facility Name and Site Address H & H Ship Service Company 220 China Basin Street San Francisco, CA 94107						10. US EPA ID Number C A D 0 0 4 7 7 1 1 6 8		G. State Facility's ID			
						H. Facility's Phone (415) 543-4835					
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity	14. Unit Wt/Vol	15. Waste No.	
a. RESIDUE DIESEL TANK NON RCRA HAZARDOUS WASTE SOLID						0 0 1 1		T P	0 1 1 0 0 0	P	State 512 EPA/Other
b. RESIDUE GASOLINE TANKS NON RCRA HAZARDOUS WASTE SOLID						0 0 1 2		T P	0 0 1 5 0 0	P	State 512 EPA/Other
c. RESIDUE FUEL DISPENSERS NON RCRA HAZARDOUS WASTE SOLID						0 0 1 6		T P	0 0 1 3 0 0	P	State 512 EPA/Other
d.										State EPA/Other	
J. Additional Descriptions for Materials Listed Above PUMPED OUT 1,000 gallon and 500 gallon tanks last containing diesel and gasoline. Tanks inerted with dry ice for transport. RESIDUE FUEL DISPENSERS.						K. Handling Codes for Wastes Listed Above		a. 01	b. 01	c. 01	d.
15. Special Handling Instructions and Additional Information JOB #7210 24 Hr. Emergency Contact: H & H #(415) 543-4835 APPROPRIATE PROTECTIVE CLOTHING AND RESPIRATOR JOB SITE: GEORGE HAYWOOD/B. CHAVES 834 Blossom Way Hayward, California											
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 GEORGE B. HAYWOOD						Signature <i>Geo B Haywood</i>			Month Day Year 10 3 0 7 9 1		
17. Transporter 1 Acknowledgement of Receipt of Materials											
Printed/Typed Name JOSE J. MORENO						Signature <i>Jose J Moreno</i>			Month Day Year 10 3 0 7 9 1		
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						Signature			Month Day Year		

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

Do Not Write Below This Line

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

UNIFORM HAZARDOUS WASTE MANIFEST		Generator's US EPA ID No. C A C 0 0 0 5 6 9 1 6 8 0 0 0 0 1		Manifest Document No. 2. Page 1 of 1		Information in the shaded areas is not required by Federal law.		
3. Generator's Name and Mailing Address MR. GEORGE HAYWOOD 132 Ivy Drive, Orinda, Ca. 94563				A. State Manifest Document Number 90546803				
4. Generator's Phone (415) 376-4117				B. State Generator's ID				
5. Transporter 1 Company Name H & H Ship Service Company		6. US EPA ID Number C A D 0 0 4 7 7 1 1 6 8		C. State Transporter's ID 200505		D. Transporter's Phone (415) 543-4835		
7. Transporter 2 Company Name		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone		
9. Designated Facility Name and Site Address H & H Ship Service Company 220 China Basin Street San Francisco, CA 94107				10. US EPA ID Number C A D 0 0 4 7 7 1 1 6 8		G. State Facility's ID C A D 0 0 4 7 7 1 1 6 8		
				H. Facility's Phone (415) 543-4835				
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			12. Containers		13. Total Quantity		14. Unit	
a. HAZARDOUS WASTE LIQUID, N.O.S. ORM-E NA 9189			No. Type		Quantity		Wt/Vol	
			0 0 1 T/T		00500		G	
b.							I. Waste No.	
							State: 241	
c.							EPA/Other	
d.							State	
							EPA/Other	
J. Additional Descriptions for Materials Listed Above FUEL, OIL AND WATER			K. Handling Codes for Wastes Listed Above					
			a. 01		b.			
			c.		d.			
15. Special Handling Instructions and Additional Information JOB #7201 24 Hr. Emergency Contact: H & H #(415) 543-4835 APPROPRIATE PROTECTIVE CLOTHING AND RESPIRATOR JOB SITE: GEORGE HAYWOOD/B. CHAVES 834 Blossom Way Hayward, California								
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 GEORGE HAYWOOD			Signature <i>Geo Haywood</i>			Month Day Year 10 31 07 91		
17. Transporter 1 Acknowledgement of Receipt of Materials								
Printed/Typed Name ESTEBAN M. PENALVER			Signature <i>Esteban M. Penalver</i>			Month Day Year 10 31 07 91		
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			Signature			Month Day Year		

Do Not Write Below This Line



01483

H&H DRIVER · JOB SITE TIME DOCUMENTATION

Driver

JOSE MORENO

Vehicle #'s

H-37

Job #

7240

Date:

3-7-97-71

Customer:

Mr. George Hayward, ALAMET

Job Site Address:

834 Blossom Way
Hayward, CAL

Arrival Time at Job Site:

9:45

Customer Signature:

X Geo. B Hayward

Departure Time from Job Site:

12:40

Customer Signature:

X 12:40 X GBH

Documentation for Delay at Job Site:

781 VACUUM TRUCK TRUCK 500 GAL Liquid

paid in check \$ 3,866.95
received by Jose Moreno

Customer Signature:



EDEN CONSOLIDATED
FIRE PROTECTION DISTRICT
 427 PASEO GRANDE • SAN LORENZO, CALIFORNIA 94580
 (415) 670-5853

FIRE PERMIT

NO: 91-0307
ISSUE DATE 3-7-91
EXPIRATION DATE 3-8-91

NAME OF BUSINESS
 George Haywood

BUSINESS ADDRESS
 834 Blossom Way, Hayward, 94541 376-4117

THE BUSINESS (AND ITS LOCATION, LISTED ABOVE) PURSUANT TO THE PROVISIONS OF THE ALAMEDA COUNTY FIRE CODE, HAVING MADE APPLICATION IN DUE FORM AND BEING IN COMPLIANCE WITH APPLICABLE CODES, AND ORDINANCES, IS HEREBY GRANTED PERMISSION FOR THE FOLLOWING TYPES OF OPERATIONS:

three NB 3/7/91
 Removal of ~~two~~ above ground fuel tanks by H&H

UPON ACCEPTANCE OF THIS PERMIT, THE PERMITTEE AGREES TO COMPLY WITH ALL ORDINANCE PROVISIONS NOW ADOPTED OR THAT MAY BE HEREAFTER ADOPTED.

THIS PERMIT MUST BE KEPT ON THE PREMISES AT ALL TIMES

FIRE PREVENTION BUREAU
James R. Fedward



EDEN CONSOLIDATED

FIRE PROTECTION DISTRICT

427 PASEO GRANDE • SAN LORENZO, CALIFORNIA 94580
(415) 670-5853

FIRE PERMIT APPLICATION

2 of 5

INSTRUCTIONS

The Fire Code of Alameda County requires a Permit from the Fire Prevention Bureau be obtained by individuals or businesses engaged in operations listed on the reverse side of this application. Please complete this application as required and submit it to above address.

BUSINESS NAME GEORGE HAYWOOD		BUSINESS PHONE NO 376-4117
BUSINESS ADDRESS 834 - BLOSSOM WAY HAYWARD, CA		ZIP CODE 94541
MAILING ADDRESS 132 - IVY DR. ORINDA CA.		ZIP CODE 94563
OWNER OR AUTHORIZED REPRESENTATIVE Geo B Haywood,		

The above named Business/Individual hereby makes application for a Permit in accordance with applicable Codes and Ordinances for the following type of operation (refer to reverse side for appropriate category):

ENTER ITEM NUMBER • DESCRIPTION • FIRE CODE ARTICLE NO.

ITEM NO 18	DESCRIPTION FLAMMABLE LIQUID TANKS	FIRE CODE ARTICLE NO 79
COMMENTS EXACT LOCATION of where tank were Buried is NOT quite clear Drive way between old House + garage NEARCA the FRONT		

Once issued, this Permit must be kept on the premises, and shall not take the place of any License required by law. Permits must be renewed on or before the expiration date, and shall not be transferable and any change in use, occupancy, operation, or ownership shall require a new Permit. Upon acceptance of a Permit, the Permittee agrees to comply with all Ordinance provisions now adopted or that may be hereafter adopted.

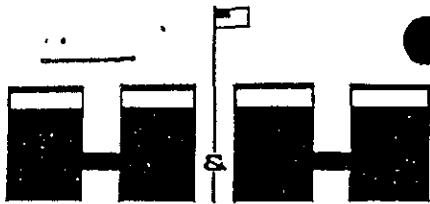
SIGNATURE OF APPLICANT Geo B Haywood	DATE 3-7-91
--	-----------------------

DO NOT FILL IN BELOW — FOR FIRE DEPARTMENT USE ONLY

PERMIT NUMBER 91-0307	EXPIRATION DATE 3-8-91	PERMIT APPROVED <input checked="" type="checkbox"/>	PERMIT DENIED <input type="checkbox"/>
COMMENTS			
PERMIT ISSUED BY James R. Felicit		DATE 3-7-91	

3 of 5

Bili Pollock Mary Lou



ENVIRONMENTAL SERVICES
DIVISION OF H&H SHIP SERVICE CO.



SHIP SERVICE COMPANY

CLEVELAND VALREY
TRANSPORTATION SUPT.

220 CHINA BASIN
SAN FRANCISCO, CA 94107

24 Hour Service (415) 543-4835

COPY TRANSMITTAL
(415) 543-8265

220 CHINA BASIN, P.O. BOX 77363 · SAN FRANCISCO, CA 94107 · DAY AND NIGHT: 543-4835

DATE: Feb. 22, 1991

TO: _____

FROM: NICOLE PATTERSON

Number of pages including cover sheet: 3

Comments:

PLEASE COMPLETE THE ATTACHED WASTE CHARACTERIZATION FOR
AS SOON AS POSSIBLE. IF YOU NEED ANY ASSISTANCE IN FILL
PLEASE GIVE OUR LAB A CALL: AT (415) 543-0906, AND ASK
OR PETER.

THANK YOU

PLEASE NOTE ON WASTE GENERATOR FACILITY SHOULD BE THE SAME AS THE JOB SITE

EPA # CAC 000 569168

FAX _____ PHONE _____

ALAMEDA COUNTY HEALTH AGENCY
CARE SERVICES

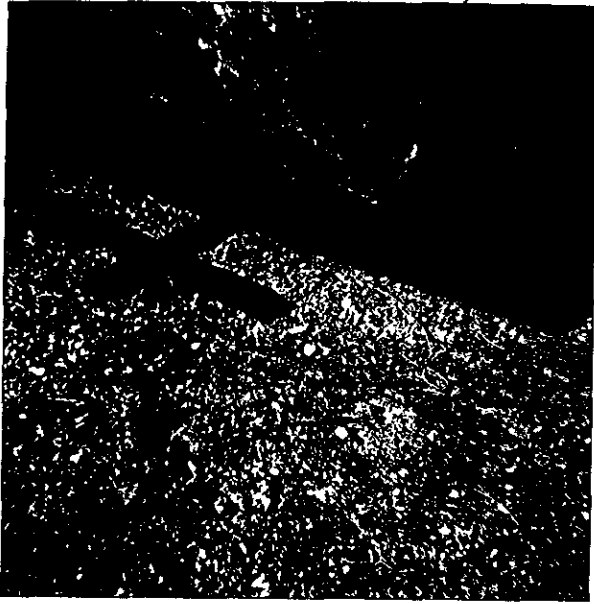
Pamela J. Evans
Hazardous Materials Specialist

DIVISION OF HAZARDOUS MATERIALS
DEPARTMENT OF ENVIRONMENTAL HEALTH
80 Swan Way, Rm. 200, Oakland, CA 94621 • (415) 271-4320



Leak
shown
on photo

4
5



#1 HHS small HHS
right side
834 Blossom way END



#2 500 Gall
834 Blossom way



#3 500 Gall
6 GAS PUMP ALSO
834 Blossom way TAKEN



#4 1000 Gall
834 Blossom way

5725



Fig. 2. 2000, m. n. n.

COMPLAINT FORM

DATE: 2/21/91

TIME: 12:40 P.M.

COMPLAINT RECEIVED BY: E. Olsen

ADDRESS OF INCIDENT: 848 Blossom Way
Hayward, Ca. *BETWEEN MISSION & WESTERN*

NAME OF FACILITY: (LONG DRIVEWAY - GARAGES IN BACK)

CONTACT PERSON: ANONYMOUS

FACILITY PHONE NUMBER: EMPTY

SUBJECT OF COMPLAINT: GASOLINE TANKS BEING STORED
IN YARD. WAS FORMER BUSINESS.
GROUND COULD BE CONTAMINATED W/ GASOLINE.
NEIGHBORS COMPLAINING!

*Tallman Const.
Caterpillar
machinery
two owners
George Shaves
Mr. Heywood*

Midge Hazen w/ Tallman
NAME OF COMPLAINANT: _____ PHONE: _____

ACTIONS TAKEN AND DATE(S)

2-21-91 I visited site and spoke with "Midge" Hazen of Tallman Construc-
tion, one of the tenants at this parcel. She stated that tanks had been
removed, + phoned owner of property, Mr. Heywood, while I was
there. I spoke with Mr. Heywood, who said there were still tanks on
site, but that he has recently been trying to make arrangements to
have them hauled away "to Richmond". He wasn't sure who was
going to haul them. He stated the tanks (2) had once been operated
on site + had been removed about 2 years ago. He couldn't

Date investigation was completed: _____
Date complainant contacted: _____ *remember who had removed them, Ms. Hazen said another owner, George Shaves,*
Name of Specialist: Pamela J Evans

Signature: _____

Applied Time: 1.5 (2-21-91)

lives in the unit in front of the lot, 848 Blossom. I went to the back lot + saw four tanks sitting in the SE section, also several (over)

Mr. Keywood 376-4117 (Orinda)

"Co. in Richmond" will haul away
making arrangements

Out of ground ~ 2 years
came from here

2 small tanks diesel + gasoline
hadn't been used > 20 years

Contractor removed tanks - who?

55 gallon drums containing liquid. None of these
bore complete labels. One bore part of a label
indicating the contents were flammable.

Tanks appeared to be: 3 ~ 500 gallon tanks

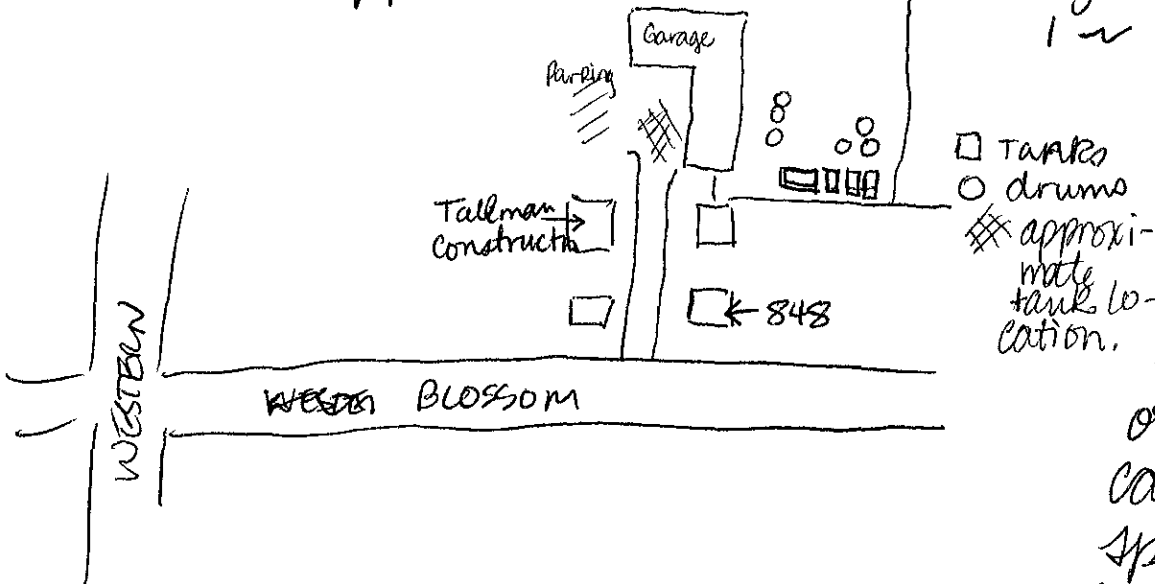
1 ~ 1000 gal tank

one of the
tanks, furthest
to the east, ~~had~~
had no soil

adhering. The

other three were
caked in some
spots with dirt.

These three were
heavily rusted + had
corrosion holes up to
1/2"



DATE:

TO : Local Oversight Program

FROM:

SUBJ: Transfer of Eligible Oversight Case

Site name: George Haywood

Address: ⁸³⁴~~840~~ Blossom Way city Hayward zip 94541

Closure plan attached? Y N DepRef remaining \$ 175

DepRef Project # 4097A STID #(if any) 3735

Number of Tanks: 3 removed? Y N Date of removal 1989

Samples received? Y N Contamination: diesel, gasoline + BTEX

Petroleum Y N Types: Avgas Jet leaded unleaded Diesel
fuel oil waste oil kerosene solvents

Monitoring wells on site 0 Monitoring schedule? Y N

LUFT category 1 2 3 * H S C A R W G O

Briefly describe the following:

Preliminary Assessment Samples from native soil under tanks > 1000ppm TPHg + diesel

Remedial Action has dug out soil from tank pit + taken conf. samples to ND levels

Post Remedial Action Monitoring _____

Enforcement Action letters

- ① Removed tanks without closure or oversight.
- ② Sden fire reported case to ro.
- ③ I made owner go back in + sample, overexcavate to N.D.
- ④ He has removed all soil known to be contaminated
- ⑤ He has not established depth to GW, but it is likely to be shallow
- ⑥ I just wrote a letter telling him he has to est. depth to G.W. + may have to install wells. Due date -