

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



January 20, 2000
StID# 3411

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9432

Mr. Jim Hudson
West Coast Wire Rope & Rigging
597 85th Ave.
Oakland CA 94621

RE: Fuel Leak Site Case Closure, 597 85th Ave, Oakland
CA 94621

Dear Mr. Hudson:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with the Health and Safety Code, Chapter 6.75 (Article 4, Section 25299.37 h). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Health Services, Local Oversight Program (LOP) is required to use this case closure letter. We are also enclosing the case closure summary. This document confirms the completion of the investigation and cleanup of the reported release at the subject site.

Site Investigation and Cleanup Summary:

Please be advised that the following conditions exist at the site:

* 240 parts per million (ppm) Total Petroleum Hydrocarbons as gasoline (TPHg), 290 ppm TPH as diesel, and 2.1, 13, 8.1, 22 ppm BTEX, respectively remain in the soil at the site.

* 11 parts per billion (ppb) TPHg remain in groundwater at the site.

This site should be included in the City's permit tracking system. You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

enclosures: Case Closure Letter, Case Closure Summary

c: Mr. L. Griffin, City of Oakland OES, 1605 MLK Jr. Way,
Oakland CA 94612

B. Chan, files (letter only)

Tr1:597 85th Ave

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0525

ENVIRONMENTAL HEALTH SERVICES

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

May 19, 1998

ATTN: Sir Or Madam

Zaccor Co Inc
1784 Channing Ave
Palo Alto CA 94303

RE: Project # 154B - Type R
at 597 85th Ave in Oakland 94621

Dear Property Owner/Designee:

Our records indicate the deposit/refund account for the above project has fallen below the minimum deposit amount. To replenish the account, please submit an additional deposit of \$162.60, payable to Alameda County, Environmental Health Services, within two weeks of receipt of this letter.

It is expected that the amount requested will allow the project to be completed with a zero balance. Otherwise, more money will be requested or any unused monies will be refunded to you or your designee.

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

Please be sure to write the following identifying information on your check:

- project #
- type of project and
- site address

(see RE: line above).

If you have any questions, please contact Amir Gholami at (510) 567-6876.

Sincerely,

Tom Peacock, Manager
Environmental Protection

c: files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO#525

August 1, 1997
StID # 3411

Mr. Don Newton
597 85th Ave.
Oakland CA 94621

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

**Re: Request for Technical Information for Underground Tank
Removals at West Coast Wire Rope & Rigging, 597 85th
Ave., Oakland CA 94621**

Dear Mr. Newton:

Our office is preparing a site closure summary for the above site and will be recommending no further action in regards to the underground tank removals. Prior to doing this, our office needs addition information and clarification to complete our records. Please provide the following information **within 30 days or by September 1, 1997** :

* Documentation for the disposal of all stockpiled soils generated during the removal of the five former underground tanks at this site

* Please verify, on a copy of your parcel map, the exact locations of the former underground tanks. This information is necessary should there be a need for further work on one parcel and not another. At this time, it is uncertain whether this information is necessary, however, it should be provided in case there are questions in the southern parcel.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

c: Ms. H. Mawhinney, Environmental Technical Services, 1540 Jacob
Ave., San Jose, Ca 95103

B. Chan, files
info597

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

RO# 525

October 28, 1997
StID # 3411

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

Mr. Don Newton
West Coast Wire Rope & Rigging, Inc.
597 85th Ave.
Oakland, CA 94621

**Re: Closure of Monitoring Wells at West Coast Wire Roper &
Rigging, Inc., 597 85th Ave., Oakland CA 94621**

Dear Mr. Newton:

This letter is to inform you that our office has received concurrence from the Regional Water Quality Control Board (RWQCB) on our recommendation for site closure for the above referenced property. Prior to issuance of the Remedial Action Completion Certificate (RACC) we must receive documentation of the proper closure of the three monitoring wells at the site. As an alternative, the RP may also provide a written statement indicating what type of regular inspection and safety precautions will be taken to insure the integrity of the existing wells.

Please notify me of your intentions in regards to the wells so I may facilitate site closure. Well closure permits and requirements may be obtained by contacting the Alameda County Public Works at (510) 670-5575.

You may contact me at (510) 567-6765 should you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

c: B. Chan, files
Ms. H. Mawhinney, Environmental Technical Services, 1548 Jacob
Ave., San Jose, CA 95118

MWCL597-85

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

R0525

November 3, 1994
StID # 3411

Mr. Jim Hudson
West Coast Wire Rope and Rigging
597 85th Ave.
Oakland CA 94621

DEPARTMENT OF ENVIRONMENTAL HEALTH
ALAMEDA COUNTY CC4580
DEPT. OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL PROTECTION DIVISION
1131 HARBOR BAY PKWY., #250
ALAMEDA CA 94502-6577

**Re: Request for Work Plan for Further Subsurface Investigation
at 597 85th Ave., Oakland CA 94621**

Dear Mr. Hudson:

Our office has been reviewing the past quarterly monitoring reports for the above site and recognize a trend of low levels of residual gasoline, diesel and BTEX (benzene, toluene, ethylbenzene and xylenes) in the existing monitoring wells. It is possible, given these results, no further monitoring in this area may be necessary. Unfortunately, several items are necessary before this can be done. This letter serves to clarify the items necessary to complete site investigation and move it towards of site closure.

I have spoke recently with Ms. Helen Mawhinney of Environmental Technical Services and she concurred that additional investigation of the area of the former 1000 gallon and 750 gallon gasoline tanks must be done. She also stated that the West Coast Wire Rope property is actually two separate parcels. It is possible that the three larger tanks are on the northern-most parcel and the two smaller gasoline tanks were on the southern-most parcel. In this event, it may be possible to separate this site into two distinct parcels and recommend closure for one while continuing investigation on the other. In order to complete the investigation of this site (both parcels) our office requests the following items: (Please note that some of these items were initially requested in my November 2, 1992 letter sent to Mr. Don Newton.)

1. Please provide a tabulation of all analytical results from all previous samplings. This table should then be updated and included in your future monitoring reports.
2. Please provide a to-scale map indicating all buildings, boring locations, monitoring wells and former underground tank locations.
3. Please provide data to show the final disposition of all soils generated from the tank removals.
4. Please provide an authenticated map showing the parcels and the former underground tank locations.

Mr. Jim Hudson
StID # 3411
597 85th Ave.
November 3, 1994
Page 2.

5. Please provide a work plan to determine the extent of soil and groundwater contamination in the area of the former 750 and 1000 gallon gasoline tanks. Recall these tanks detected gasoline and BTEX in water samples taken from their excavation pits, therefore, further investigation is necessary. As was discussed with Ms. Mawhinney, a soil and groundwater investigation may be performed in order to determine the need for monitoring well(s) are necessary.

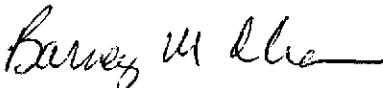
Should your consultant recommend closure of the northern-most parcel please insure that this recommendation is made and signed by a registered professional.

Please provide the requested information in the form of technical report to our office **within 45 days or by December 19, 1994**. You are reminded this is a formal request for technical reports pursuant to the California Water Code, Section 13267 (b). Civil liability exists for the failure to submit such reports.

Please be aware of our office's new location:
1131 Harbor Bay Parkway, Room 250, Alameda CA 94502-6577

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

cc: Ms. H. Mawhinney, Environmental Technical Services, 1548
Jacob Ave., San Jose, CA 95118.

E. Howell, files

2wpad597

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0525

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

November 12, 1992
STID # 3411

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

Mr. Jim Hudson
West Coast Wire Rope and Rigging
597 85th Ave.
✓ Oakland CA 94621

Re: Underground Tank I.D. Numbers

Dear Mr. Hudson:

Our office has looked up the tank identification numbers for the underground tanks which were formerly at West Coast Wire Rope. The records show that only three of the five tanks were ever registered. Their description and identification numbers are as follows:

1K leaded	01-000-037426-000001
10 leaded	01-000-037426-000002
5K diesel	01-000-037426-000003

You may contact me at (510) 271-4530 if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Barney M. Chan".

Barney M. Chan
Hazardous Materials Specialist

cc: E. Howell, files

597-85Id

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0525

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

November 2, 1992
STID # 3411

Mr. Don Newton
West Coast Wire Rope and Rigging
597 85th Ave.
Oakland CA 94621

Re: Subsurface Investigation Following Removal of Five (5)
Underground Tanks at 597 85th Ave., Oakland CA 94621

Dear Mr. Newton:

The oversight of the remediation at the above referenced site has been transferred to the Local Oversight Program (LOP) section of Alameda County Environmental Health Hazardous Materials Division. The new case handler is the undersigned Hazardous Materials Specialist. This letter serves to update you on the status and inform you of additional requirements necessary to complete the subsurface investigation at the above site. As you may recall, after the removal of the five underground tanks, four in April of 1988 and one in 1990, you were notified by our office to perform a soil and groundwater investigation. Exploratory borings were advanced around the former tank pit of the 8,000 gallon diesel and 8,000 gallon gasoline tanks and three monitoring wells subsequently installed. Our office has received the work plan for this subsurface investigation and the report documenting the installation of monitoring wells. Our office, however, has not received any further reports beyond these two. It is therefore uncertain whether additional work has been performed.

Recently, I was contacted by Mr. Jim Hudson from West Coast Wire Rope and Rigging requesting the status of this site since they are considering leasing out the area where tanks were removed. In order to determine if this area will need further investigation and possible excavation, the following work must be performed and the requested information provided:

1. Initiate groundwater sampling immediately and continue on a quarterly basis until the site is recommended for site closure by either our office or that of the Regional Water Quality Control Board. You should analyze all monitoring well samples for Total Petroleum Hydrocarbons as gasoline and as diesel (TPHg and TPHd) and BTEX (Benzene, Toluene, Ethylbenzene and Xylenes). On all future reports please include:

Mr. Don Newton
STID #3411
597- 85th Ave.
November 2, 1992
Page 2.

- * a site map delineating contamination contours for soil and groundwater based on the most recent data
- * a summary of activities performed the past quarter and the activities proposed for the following quarter
- * historical records of groundwater levels
- * tabulation of analytical results from all previous samplings

2. Please clarify the locations of the borings performed by Zaccor by providing a to-scale map including all buildings, boring locations, the monitoring wells and the former underground tank locations.

3. Be aware that in accordance to the Tri-Regional Board Guidelines further subsurface investigation is required when subsurface soil samples contain TPH equal to or in excess of 100 parts per million (ppm) or when groundwater taken from an excavation pit contains **any detectable** hydrocarbon contamination. In addition, this investigation requires the determination of the extent of both soil and groundwater contamination. Upon review of analytical results, it appears that further soil investigation is necessary in the areas of MW-2, MW-3 and borings EB-5 and EB-6. In addition, due to detectable hydrocarbon concentrations in the grab water samples from the pits of the 1000 gallon and 750 gallon gasoline tanks, a further groundwater characterization will be required in these areas. Please outline what additional assessment will be done to meet these requirements.

4. In order to complete the tank closure reports of all five tanks please provide, to the best of your ability, the following:

- * copies of all manifests for the disposal of hazardous waste including tanks and piping. We have copies of manifests for the residual hydrocarbon contaminated water disposed of previously.
- * summary of the fate of all non-hazardous soil hauled off-site. If any soils were reused, please provide copies of the analytical results verifying that they were "clean".

Please provide a workplan addendum to perform the requested additional investigation in addition to answering the concerns mentioned above. This workplan should be submitted **within 30 days** of receipt of this letter.

Mr. Don Newton
STID # 3411
597- 85th Ave.
November 2, 1992
Page 3.

You should consider this letter a formal request for technical reports pursuant to the California Water Code Section 13267 (b). Failure to submit the requested documents may subject West Coast Wire Rope to civil liabilities. Any extensions of stated deadlines or changes in the workplan must be confirmed in writing and approved by this office or that of the RWQCB.

Please contact me at (510) 271-4350 should you have any questions regarding this letter.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

cc: G. Jensen, Alameda County District Attorney Office
R. Hiatt, RWQCB
E. Howell, files

WPadd597

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0525

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

April 4, 1991

Mr. Ron Kutzman
West Coast Wire Rope and Rigging
597 - 85th Avenue
Oakland, CA 94621

Dear Mr. Kutzman:

I have reviewed and accepted the workplan prepared by Zaccor Corporation for the site investigation at West Coast Wire Rope and Rigging. Please notify me when the investigation activities are to occur.

Please be advised that this office will consider site sign-off only after four consecutive quarters of groundwater sampling and analyses from a state certified laboratory. The quarters are established based on the date of the initial groundwater well sampling.

In addition, our records indicate that the deposit/refund account for the oversight of this project has fallen into a negative balance. To refurbish the account and continue oversight of your case, please remit \$670.00, payable to Alameda County. Any monies remaining at the close of the case will be refunded.

If you have any questions, please call me at 415/271-4320.

Sincerely,

Cynthia Chapman

Cynthia Chapman
Hazardous Materials Specialist

c: Gary Zaccor, Zaccor Corporation
Helen Mawhinney, Environmental Technical Services

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0525

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

December 6, 1990

Mr. Ron Kutzman
West Coast Wire Rope and Rigging
597 - 85th Avenue
Oakland, CA 94621

Dear Mr. Kutzman:

This letter is to follow up on our meeting of December 4, 1990. At this meeting, you provided me with clarification on the description of the 1988 activities and sampling analyses associated with the removal of four underground tanks. At this time, four tanks were removed: a 750 gallon, 1,000 gallon, 8,000 gallon and a 10,000 gallon tank. Soil samples and water analyses taken during the removal activities indicate that the area around the 8,000 gallon tank requires further site investigation. No further investigation activity is necessary around the other tank areas, based on the information you provided me in our meeting.

The 8,000 gallon tank that was removed in 1988 was adjacent to an 8,000 gallon tank that was removed in May of this year. Soil samples from this removal require West Coast Wire Rope and Rigging to perform a site investigation to determine the extent of soil contamination and determine the impact to groundwater. I mailed a letter, dated November 9, 1990, to your attention outlining the activities that needed to be done to address contamination associated with all five tanks. At this point, with the information I now have, the scope of the investigation need only include the area where the two 8,000 gallon tanks were located. The activities that are performed at the site should follow the November 9 letter.

If you have any questions, please call me at 415/271-4320.

Sincerely,

Cynthia Chapman

Cynthia Chapman
Hazardous Materials Specialist

c: Lester Feldman, RWQCB

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0525

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

November 9, 1990

Mr. Ron Kutzman
West Coast Wire Rope and Rigging
597 - 85th Avenue
Oakland, CA 94621

Dear Mr. Kutzman:

I have received your letter dated October 30, 1990, which requested Alameda County Hazardous Materials Division to inform you of any additional work that needs to be performed as a result of the tank removals that have occurred at your facility. The following paragraphs provide a synopsis of information that we have in our files.

An 8,000 gallon tank was removed from the 85th Avenue facility on May 25, 1990. The letter report we received from your consultant, Environmental Bio-Systems, dated June 11, 1990, states 2 samples were taken from the tank pit area, and the two stockpiles associated with excavation activities were also sampled. Groundwater was present and pumped out of the pit, but there was insufficient recharge for obtaining a water sample. The results of one of the samples from the tank pit show total petroleum hydrocarbons calculated as diesel (TPH-d) at a concentration of 290 parts per million (ppm). The results of sampling of Stockpile B show TPH-d concentrations at 1700 parts per million.

Our files also have analyses results from water samples taken on December 16, 1987. This work appears to have been performed by Semco. There is no description of where the samples were taken, but it appears that these water samples were obtained from three different tank areas: a 1,000 gallon tank, and 8,000 gallon tank, and a 10,000 gallon tank. The water sample results range from 75 ppm to 190 ppm for TPH and Benzene levels range from 52 to 75 ppm. These three tanks and a 750 gallon tank were removed on April 29, 1988. The results of the soil samples show TPH-g at 120 ppm for the 8,000 gallon tank, 94 ppm TPH-g for the 1,000 gallon tank, 23 ppm for the 750 gallon tank, and N.D. for the 10,000 gallon tank.

Based on these available laboratory analyses in our files, West Coast Wire Rope and Rigging has experienced an unauthorized release of petroleum hydrocarbons. As a result, West Coast Wire Rope and Rigging is required to perform an investigation that determines the lateral and vertical extent of soil contamination associated with the former underground tank locations, and to investigate the extent of groundwater contamination.

West Coast Wire Rope and Rigging
November 9, 1990
Page 2

Our office will be the lead agency overseeing the soil and groundwater investigation at this site. The San Francisco Bay Regional Water Quality Control Board (RWQCB) has delegated the handling of this case to our Division. We will be in contact with the RWQCB in order to provide you with guidance concerning the RWQCB's investigation requirements. However, please be aware that you are responsible for diligent actions to protect the waters of the State. All work must be performed according to the "Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tanks, 10 August, 1990." This document can be obtained by calling the RWQCB data management group at 464-1269.

You are required to complete a workplan that provides information on how the subsurface investigation will proceed. This workplan should address, at a minimum, the items listed below and present a timetable for completion of each item. Please submit this workplan within 45 days of the date of this letter. A format for the workplan is outlined below.

I. INTRODUCTION

- A. Statement of Scope of Work
- B. Site location
- C. Background
- D. Site History
 - 1. Brief description of the historic site use and ownership information, type of business and associated activities that take place at the site, types and location of any hazardous materials used on site, and a description of any known hazardous materials spills, leaks, or accidents.
 - 2. Provide a history for each existing and former underground tank on site. Include: dates of tank installation, tank capacity, construction material, types of materials stored in the tanks and dates of tank removals (and any associated piping). Provide a map showing the locations of soil and ground water samples collected during the 1988 tank

West Coast Wire Rope and Rigging
November 9, 1990
Page 3

removal, a description of any remedial measures conducted at the time of the 1988 tank removal or during the 1987 sampling activities, and copies of all manifests for disposal of hazardous wastes associated with the tank removal.

II. SITE DESCRIPTION

- A. Provide a map which shows streets, site buildings, underground tank locations, subsurface conduits and utilities, on-site and nearby wells, and nearby streams or water bodies.
- B. Provide a description of the hydrogeologic setting of the site and surrounding area. Include a description of any subsurface work previously done at the site.

III. PLAN FOR DETERMINING EXTENT OF SOIL CONTAMINATION ON SITE

- A. Describe how the extent of soil contamination associated with the former underground tanks will be determined.
- B. Describe the sampling methods and procedures to be used. If soil samples are to be collected for contamination delineation, consult the RWQCB guidelines for soil sampling protocols. During drilling of all boreholes and monitoring wells, undisturbed soil samples are to be collected at a minimum of every five feet in the unsaturated zone and at any changes in lithology for logging and analytical purposes. Borings and wells are to be permitted through Alameda County Flood Control and Water Conservation District, Zone 7. Borings and wells shall be logged from undisturbed soil samples. Logs shall include observed soil odors; blow counts shall be expressed in blows per 6 inches of drive.

If a soil gas survey is planned, the location of survey points must be identified along with the analytical methods and techniques to be used. A quality assurance plan for field analyses must be submitted.

- C. Soil samples are to be analyzed by a California State Certified Laboratory for the appropriate constituents.

West Coast Wire Rope and Rigging
November 9, 1990
Page 4

IV. DETERMINATION OF GROUNDWATER QUALITY

- A. A minimum of three monitoring wells must be installed to determine the groundwater gradient. If the verified down-gradient location has been established, then complete gradient data must be submitted and one monitoring well will be required in the down-gradient direction.
- B. Monitoring wells shall be designed and constructed to be consistent with the RWQCB guidelines and to permit entrance of any free product into the wells. Filter pack and slot sizes for all wells should be based on particle analysis from each stratigraphic unit in at least one boring on the site and on the types of groundwater contaminants present. The well screen must be situated to intercept any floating product from both the highest and lowest ground water levels. All wells shall be surveyed to mean sea level to an established benchmark to 0.01 foot.
- C. Monitoring wells must be sampled for dissolved and floating constituents. Any free product is to be measured with an optical probe or by another method shown to have equivalent accuracy.
- D. A groundwater gradient map shall be developed for every water level data set. If the gradient fluctuates, water level measurements must continue to be made monthly until a gradient pattern is established. Fluctuations in groundwater levels due to tidal action must also be documented.
- E. Sample monitoring wells monthly for three consecutive months. Free product thicknesses and water levels shall be measured in all wells for each sampling event before any purging or sampling activities are begun. After three consecutive months of sampling, all monitoring wells must be sampled at least quarterly for one year. Groundwater levels and quality must be monitored quarterly for a minimum of one year, even if no contamination is identified.
- F. Groundwater samples are to be analyzed by a California State Certified Laboratory for the appropriate constituents.

West Coast Wire Rope and Rigging
November 9, 1990
Page 5

V. INTERPRETATION OF HYDROGEOLOGIC DATA

- A. Water level contour maps showing groundwater gradient direction and free and dissolved product plume definition maps of each contaminant constituent should be prepared routinely and submitted with other sampling results.
- B. The hydrogeologic characteristics of the aquifer must be described. An estimate of vertical transmissivity, based on a laboratory permeability test or a pump test, is required for any unit identified as a clay. Identification of the clay should be verified by particle analysis (ASTM D-422).
- C. The cross sections, groundwater gradients (horizontal and vertical) should be interpreted to explain pollution migration patterns.

VI. DETERMINATION OF THE POTENTIAL SHORT- AND LONG-TERM IMPACT OF THE POLLUTION PLUME ON THE BENEFICIAL USES OF GROUND AND SURFACE WATER IN THE AREA

Beneficial uses of ground and surface water in the area which might be impacted by this site must be identified. Evaluation of the actual or potential short-and long-term impacts of this site on these beneficial uses is also required. Examples of beneficial uses include irrigation water supply, groundwater recharge, fresh water habitat, wildlife habitat, contact and non-contact recreation, and fish migration.

VII. SITE SAFETY PLAN

VIII. REPORTING

- A. A technical report must be submitted by February 9, 1991, which presents and interprets the information generated during the initial subsurface site investigation. At a minimum, the report must include the following items: site history information, boring and well construction logs, records of field observations and data, chain-of-custody forms, water level data, water level contour map showing groundwater gradient direction, contaminant plume maps, tabulations of soil and groundwater contaminant concentrations, status of soil contamination characterization, description of any remedial work performed, laboratory-originated analytical results for all soil and groundwater samples analyzed, copies of TSDF-to-Generator manifests for any hazardous wastes hauled off-site, and any recommendations for additional investigative or remedial work.

West Coast Wire Rope and Rigging
November 9, 1990
Page 6

- B. All reports and proposals must be signed by a California-Certified Engineering Geologist, California-Registered Geologist or a California-Registered Civil Engineer. A statement of qualifications should be included in all reports. Borehole and monitoring well installation and logging, and impact assessments will require the signature of such a professional.
- C. The technical report must be submitted with a cover letter from West Coast Wire Rope and Rigging and received in this office by the established due date. The letter must be signed by a principal executive officer or by an authorized representative of the company.

Any stockpiled soil associated with past tank removal activities or current investigation activities must be sampled to determine the proper disposition of the soil. The number of samples collected from the stockpile(s) must be adequate to characterize the soil for the appropriate soil handling method.

All proposals, reports and analytical results pertaining to this investigation and remediation must be sent to our office and RWQCB. You should be aware that this Division is working in conjunction with the RWQCB and that this is a formal request for technical reports pursuant to California Water Code Section 13267 (b). Any extensions of agreed upon time deadlines must be confirmed in writing by either this Division or the RWQCB.

We will require a deposit/refund for reviewing the work plan and for oversight of your case. Please remit \$600.00, payable to Alameda County. The account for the tank removal will be closed out and any remaining monies refunded once we have received payment for the site investigation process.

Should you have any questions concerning the contents of this letter or the status of this case, please feel free to contact the undersigned at 415/271-4320.

Sincerely,



Cynthia Chapman
Hazardous Materials Specialist

c: Steven Luquire, RWQCB

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0525

June 24, 1989

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415) 271-4320

Ms. Cathy O'Dell
Levine-Fricke
1900 Powell St., 12th Floor
Emeryville, CA 94608

Dear Ms. O'Dell:

We have searched our files as per your request in your letter dated May 16, 1989. Listed below is the public information that is in our files.

<u>FACILITY</u>	<u>LOCATION</u>	<u>INFO ON FILE</u>
(R0525) West Coast Wire	597 - 85th Ave.	4-tanks were removed in April, 88. The groundwater has been inspected with petroleum products.
Dependable Hawaiian Express	691 - 85th Ave.	NONE
Shea Woodworking	613 - 85th Ave.	NONE

Larry Seto From our office informed you over the phone on June 21, 1989, that Delaval at 550 - 85th Ave., Oakland, has trade secrets information in their file. When he informed you that we are required by law to contact Delaval concerning your request, you decided to omit this site from your request.

The above information is limited to information available to this department and does not reflect other information which may be available from other agencies or parties.

Sincerely,

Rafat A. Shahid, Chief,
Hazardous Materials Program

RAS:LS:mnc

cc: Larry Seto, Alameda County Hazardous Materials Program
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

DAVID J. KEARS AGENCY
~~XXXXXXXXXXXX~~ Agency Director



R0525

November 9, 1987

470-27th Street, Third Floor
Oakland, California 94612
(415) 874-7237

Mr. Ron Kutzman, Foreman
West Coast Wire Rope & Rigging, Inc.
597 - 85th Ave.
Oakland, CA 94621

Dear Mr. Kutzman:

This is to confirm our visit on of October 8, 1987, concerning the three (3) underground tanks located on West Coast's property.

As presented to Mr. Edgar Howell, you have three (3) tanks underground, two of which are not being used.

Under State Law, all underground tanks must be permitted by the local Agency (Division of Hazardous Materials) or the tanks must be closed.

If you plan on closing the tanks not in use, please provide this office with a closure plan which includes, but is not limited to the following:

1. A plot plan showing the location of the tanks to be removed.
2. The company to be utilized to remove the tanks.
3. Number and location of samples to be taken below the tank. (1,000 gallons and under 1 sample, larger tanks at lease 2 samples, one at each end) and the State Certified lab to run the samples.
4. How the tanks are to be handled i.e. cleaned on site or hauled as a hazardous waste.
5. How the hazardous waste will be handled, by whom and to what approved disposal site. This would include any product, rinsate from on-site cleaning of tanks and/or any contaminated soil exceeding 1,000 ppm of total petroleum hydrocarbons.
6. All of the hazardous waste will require an EPA number for the manifest required by Title 22, California Administrative Code.

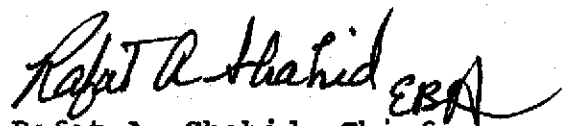
Mr. Ron Kutzman, Foreman
West Coast Wire Rope & Rigging, Inc.
Oakland, CA 94621
November 9, 1987
Page 2 of 2

To obtain an EPA Hazardous Waste Generator number, please call
(415) 974-7473.

Also, please find enclosed, a questionnaire to be completed and returned
to this office for Hazardous Waste Generator.

If you have any questions, please call Edgar B. Howell, III, Senior
Hazardous Materials Specialist, at 874-7237.

Sincerely,

Handwritten signature of Rafat A. Shahid in cursive, with the initials 'EBA' written in the middle of the signature.

Rafat A. Shahid, Chief,
Hazardous Materials Division

RAS:EBH:mnc

cc: Dwight Hoenig, DOHS
RWQCB
Oakland Fire Department