ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

SCST
05-27-06

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

May 25, 2006

Mr. Jack Schultz
Pacific Galvanizing
715 46th Avenue
Oakland, CA 94601

Subject: SLIC Case RO0002477, Pacific Galvanizing, 715 46th Avenue, Oakland, CA

Dear Mr. Schultz:

Our records indicate that the current balance on the above-referenced SLIC oversight account is a negative $885.50. In order to continue to provide regulatory oversight, we are requesting the submittal of a check made payable to Alameda County Environmental Health in the amount of $3,000. Please send your check to the attention of our Finance Department.

This deposit may or may not be sufficient to provide all necessary regulatory oversight. ACEH will deduct actual costs incurred based upon the hourly rate specified below. If these funds are insufficient, an additional deposit will be requested. Otherwise, any unused monies will be refunded to you or your designee.

The deposit is authorized in Section 6.92.040L of the Alameda County Ordinance Code. Work on this project is being debited at the Ordinance specified rate, currently $166.00 per hour.

Please write "SLIC" (the type of project), the site address, and the AR# 0306001 on your check.

If you have any questions, please contact Jerry Wickham at (510) 567-6791.

Sincerely,

Ariu Levi
Division Chief

cc: D. Drogos, J. Jacobs, Jerry Wickham

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

RO#2477

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

June 25, 1996

Jack Schultz
Pacific Galvanizing
715, 46th Avenue,
Oakland, CA - 94601

Re: Pacific Galvanizing - 715 46th Avenue, Oakland, CA 94601

Dear Mr. Schultz:

I am in receipt of the letter dated May 8, 1996 from Joseph Trap, City of Oakland Environmental Affairs Division regarding the proposal to cap the contaminated areas in the referenced site.

Based on the information submitted to this Department, concentrations of zinc and lead exceed the Title 22, Total Threshold Limit Concentrations (TTLC) in some of the soil samples that were collected from the paved and the unpaved areas. Even if this Department approves capping, it is still reasonable to assume that a asphalt cap will not completely protect the contaminant from leaching to the groundwater. Hence, this Department requires that the following additional information/data be submitted in order to further evaluate the referenced site:

- The sample location plan does not mention the depth at which the samples were collected. Also, it appears that the vertical extent of contamination has not been defined. This information is needed to decide if it is just a surficial problem (less than 3 feet from below ground surface) or if the problem extends to greater depths thay may facilitate contaminant migration to groundwater.

- A copy of the actual laboratory results of the soil samples collected from the site should be submitted to this Department.

- A detailed risk management plan should be submitted which should include at a minimum the following information:

  Methods to mitigate any of the potential negative impacts posed by leaving contamination on-site, like capping the site, etc;
  Strategies to address the potential risk, to construction workers, during current or future earth moving activities, foundation and utility trenching, water impoundments, etc;
  Methods to restrict the contaminated soil to areas that will not be easily accessible;
  If the concentrations of metals to be left on-site exceed the hazardous waste levels, a deed restriction or deed notification may be required;
  Any data available that will support a low likelihood of contaminant migration to groundwater.

RO#2477

Please remit $1200.00 to establish a deposit-refund account to offset the cost of staff time to provide oversight and review for closure. This deposit is authorized by Alameda County ordinance code section 3-141.6 to cover expenses incurred by county personnel for their oversight duties. Records are maintained for the time County employees commit to a project and the deposit will be debited at the rate of $90.00 per hour for any time dedicated to your project. Any monies remaining in your account at the end of the project will be refunded. Additional monies may be needed if the project exhausts the fund. Please submit a check payable to "Treasurer, County of Alameda" with the words "Site Mitigation" written on the check for proper credit. Also, include the complete address of the site for which the deposit- refund account is to be established.

Sincerely,

Madhulla Logan.

Madhulla Logan
Hazardous Material Specialist

CC: **Dave Safreno**, Alameda County Flood Control District, 951 Turner Court, Hayward, CA -94545.

Joseph Trap, City of Oakland, Environmental Affairs, 1333 Broadway, Suite 330 Oakland, CA - 94612

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

R02477 (SLIC)
R01092 (LOP)

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

October 6, 1992
STID 1141

New Cane Properties (also Branagh Inc.)
ATTN: Rudy Foertsch
715 - 46th Ave.
Oakland, CA 94601

Re: 715 - 46th Ave., Oakland, CA 94601

Dear Rudy Foertsch:

This office has received and reviewed a workplan for monitoring well installation and quarterly monitoring dated September 22, 1992 by ENSR. The recommendation for well installation and quarterly monitoring is accepted.

Please submit a site plan that shows the entire site. The one in the plan is very vague and does not distinguish between the site and 46th Ave. or show the location of any buildings or other obstructions.

Also enclosed is a format for site closure, which should be followed to meet the requirements of the Regional Water Quality Control Board.

If you have any questions please call this office at (510) 271-4530.

Sincerely,

Thomas F. Peacock, Supervising HMS
Hazardous Material Division

cc: R. Hiett, RWQCB
Edgar Howell, Chief - File
Paul Hilbelink, ENSR, 1320 Harbor Bay Pkwy, Alameda, CA 94501
enclosures

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

R02477 (suc)
R01092 (cop)

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

April 10, 1991

Mr. Mike Huron
Pacific Galvanizing
715 46th Avenue
Oakland, CA 94601

RE: Tank removal at Pacific Galvanizing, 715 - 46th Avenue, Oakland

Dear Mr. Huron:

On August 3, 1990, three underground storage tanks were removed from the above referenced address. Two of the soil samples from the two 3,000 gallon tanks had values of 440 and 410 ppm of total petroleum hydrocarbons (TPH). Benzene values for the two samples were 14 and 3 ppm. In addition, one of these two tanks had many rusted out holes on the bottom. The third tank, a 1,000 gallon tank, had minimal contamination, and appears not to require additional investigation.

On August 29, 1990, there was a site meeting attended by you, Mr. Dick Burge of R.W. Johnston, Hagop Kevork of Kaprealian Engineering, and myself regarding the larger tank excavation. Your consultant proposed further excavation of the tank pit to remove as much soil contamination as possible and take confirmatory samples. I explained that a groundwater monitoring well would be required, based on the condition of one of the tanks, and that water was present in the pit. On September 13, 1990, confirmatory samples were taken from the additional excavation, and these analyses indicate that hydrocarbon values did diminish.

Due to the benzene and TPH values, and the corroded condition of one of the tanks, Pacific Galvanizing is required to conduct a groundwater investigation to determine the extent of contamination associated with the underground storage tanks.

You are required to complete a workplan that provides information on how the subsurface investigation will proceed. Please submit this workplan to our office within 45 days of the date of this letter. 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. If at any time free product is encountered, it must be removed. If your investigation indicates that the plume is migrating, interim remedial measures are to be taken to prevent any further migration.

A format for the workplan and items to address is outlined below.

I. INTRODUCTION

A. Statement of Scope of Work

B. Site location

C. Background

D. Site History

Provide a description of the historic site use and ownership information, type of business and associated activities that take place at the site, and provide a history of the use of the underground tank, its contents, and include the date of installation.

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 tank will be determined.

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

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.

E. All monitoring wells must be sampled at least quarterly for one year. Free product thicknesses and water levels shall be measured in all wells for each sampling event before any purging or sampling activities begin. Groundwater levels and quality must be monitored quarterly for a minimum of one year, **even if no contamination is identified.** At this point, the case will be evaluated to determine if additional monitoring is necessary.

F. Groundwater samples are to be analyzed by a California State Certified Laboratory for the appropriate constituents.

V. INTERPRETATION OF HYDROGEOLOGIC DATA

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.

VI. SITE SAFETY PLAN

VII. REPORTING

A. A technical report must be submitted, within 30 days of completion of the investigation, 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,a description on where non-hazardous contaminated wastes went, and any recommendations for additional investigative or remedial work.

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 the responsible party 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.

All proposals, reports and analytical results pertaining to this investigation and remediation must be sent to our office and to the RWQCB to the attention of Lester Feldman. The address is:

Regional Water Quality Control Board
2101 Webster Street, Fifth Floor
Oakland, CA 94612

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.

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

Sincerely,

Cynthia Chapman

Cynthia Chapman
Hazardous Materials Specialist

c: Lester Feldman, RWQCB

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