

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



W-2-07

R01092

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

CO0000098

November 1, 2001

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

RE: Supplemental Investigation Report for 715 46th Ave, Oakland, CA

Dear Mr. Jack Schultz:

In February 2000, I approved a work plan for the installation of a groundwater monitoring well at the above referenced site. It is my understanding that the well was installed last fall. To date, this office is not in receipt of a report documenting the well installation, and/or any reports of quarterly groundwater monitoring at the site. The required reports must be submitted as soon as possible.

If you have any questions, I can be reached at (510) 567-6762.

eva chu
Hazardous Materials Specialist

c: Steven Michelson, WEST Environmental, 828 Mission Ave, 2nd Floor, San Rafael,
CA 94901

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



FEB 15 2000

CC 3

R01092

StID 1141

February 14, 2000

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

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

RE: Work Plan Approval for 715 46th Avenue, Oakland, CA

Dear Mr. Schultz:

I have completed review of World Environmental Services and Technology's February 2000 *Work Plan for Supplemental Investigation* prepared for the above referenced site. The work plan proposes to advance a soil boring in the northwest corner of the site to collect a grab groundwater sample. The proposal is acceptable if the following changes/additions are made:

- The soil boring should be converted into a permanent groundwater monitoring well (with at least a 2-inch diameter casing).
- Soil samples should be collected at five-foot intervals, with a sample from the capillary fringe for lead and zinc analyses.
- The soil boring should be continuously logged.

Please submit an amended work plan to include the above recommended changes. If you have any questions, I can be reached at (510) 567-6762.

eva chu
Hazardous Materials Specialist

c: Steve Michelson, WEST, 828 Mission Avenue, 2nd Floor, San Rafael,
CA 94901

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



FEB 14 2000

201092

StID 1141

February 14, 2000

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

**RE: Project #6265A, Add-on
at 715 46th Avenue, Oakland, CA**

Dear Mr. Schultz:

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 \$1,500.00, 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 \$100 per hour.

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

project #6265A/ Stid #1141
type of project (Remediation, add-on), and
site address (715 45th Avenue, Oakland)

If you have any questions, please contact me at (510) 567-6762.

eva chu
Hazardous Materials Specialist

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

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



B02477 (SUC)

✓ RO 1092 (LOP)

RAFAT A. SHAHID, DIRECTOR

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

May 15, 1995
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 quarterly Report dated March 31, 1995 by H₂OGEOL for the above site. The report is accepted with the following comments:

1. The levels of contamination previously found have not been detected for some time.
2. If the next round is also ND it is proper for the responsible party to request case closure from this Department.

If you have any questions please call this office at (510) 567-6782.

Sincerely,

Thomas F. Peacock, Supervising HMS
Division of Environmental Protection

cc: Bill Reynolds, Acting Chief - File
Gary Lowe, H₂OGEOL, P.O. Box 2165, Livermore, CA 94551
David MacDonald, Waste Management of Alameda Co., 172 - 98th
Ave., Oakland, CA 94603

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director

August 30, 1994
STID 1141



RO 2477 (SLIC)

✓ RO 1092 (LOP)

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
1131 HARBOR BAY PARKWAY, 2ND FLOOR
ALAMEDA, CA 94502-6577

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 the 3rd Quarterly Monitoring Report dated June 29, 1994 by H2OGEOL for the above site. The report is accepted with the following comments:

1. The 300 ppb TPHg is an increase from the 1st quarter and stable from the 2nd quarter. This level is not insignificant and the site will probably not receive closure with this level unless other information is provided. Hopefully the contaminants will decrease with time or some active means needs to be employed to achieve the necessary reduction. You must plan on sampling quarterly for at least 1 year in consecutive quarters.
2. It appears that the well has been properly located in the down gradient direction from the tank pit. Other sites to the north and south give good evidence of this.

This office looks forward to your next quarterly report.

If you have any questions please call this office at (510) 567-6700. Please notice that our office has relocated.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Thomas F. Peacock'.

Thomas F. Peacock, Supervising HMS
Hazardous Material Division

cc: Edgar Howell, Chief - File
Wayne Akiyama, H2OGEOL, P.O. Box 2165, Livermore, CA 94551

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RO 2477 (SLIC)

✓ R01092 (WOP)

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 1, 1994
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 an Report for Monitoring Well Installation, and Soil and Groundwater Sampling dated January 11, 1994 by H2OGEOL for the above site. The report is accepted with the following comments:

1. The 79 ppb TPHg while a low level, is not insignificant. You must plan on sampling quarterly for at least 1 year and submitting proper reports.
2. Your consultant mentions on page 2 that the variation in gradient at 3 nearby sites is portrayed on Figure 2. There is no gradient portrayed on figure 2 or anywhere else in the report. What is needed is to show the gradient over time for each of the sites mentioned. This is especially true when the gradient varies from N80W to S24W, or 86 degrees of variation over a small area.

This office looks forward to your next quarterly report, for the well to be sampled this month

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

Sincerely,

Thomas F. Peacock, Supervising HMS
Hazardous Material Division

cc: Edgar Howell, Chief - File
Wayne Akiyama, H2OGEOL, P.O. Box 2165, Livermore, CA 94551

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

November 17, 1993
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 from H2OGEOLOG dated October 28, 1993. The plan is acceptable with the following comment:

The site map is very poor. It does not show the location of existing structures and it appears that both tanks had been in the middle of the 46th Ave. Please submit a proper site drawing with your next report.

Call this office at least 3 days prior to beginning the field work.

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

Sincerely,

Thomas F. Peacock, Supervising HMS
Hazardous Material Division

cc: Edgar Howell, Chief - File
Wayne Akiyama, H2OGEOLOG, P.O. Box 2165, Livermore, CA
94551

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R02477 (SUC)

VR01092 (WOP)

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

September 15, 1993
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:

You mentioned during a telephone call with this office on September 10, 1993 that the workplan which you submitted dated September 22, 1992 by ENSR would not be implemented. You said you were getting another consultant. You agreed to install at least 1 monitoring well and to conduct a groundwater investigation as required. You agreed to do this within 60 days.

This office is currently investigating your information concerning other sites in your area which require that work related to underground tanks be done.

Attached please find requirements for a workplan investigation and also a map showing other sites in your area. 4930 Coliseum Way and 720 High St. have numerous wells installed which should aid your new consultant in verifying the groundwater gradient.

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

Sincerely,

Thomas F. Peacock, Supervising HMS
Hazardous Material Division

cc: Edgar Howell, Chief - File
enclosures

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

September 15, 1993
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:

You mentioned during a telephone call with this office on September 10, 1993 that the workplan which you submitted dated September 22, 1992 by ENSR would not be implemented. You said you were getting another consultant. You agreed to install at least 1 monitoring well and to conduct a groundwater investigation as required. You agreed to do this within 60 days.

This office is currently investigating your information concerning other sites in your area which require that work related to underground tanks be done.

Attached please find requirements for a workplan investigation and also a map showing other sites in your area. 4930 Coliseum Way and 720 High St. have numerous wells installed which should aid your new consultant in verifying the groundwater gradient.

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

Sincerely,

Thomas F. Peacock, Supervising HMS
Hazardous Material Division

cc: Edgar Howell, Chief - File
enclosures

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 (SLIC)
✓ R01092 (LOP)
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program

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 3, 1992

New Cane Properties
715 - 46th Ave.
Oakland, CA 94601


Re: 715 - 46th Ave., Oakland, CA 94601
STID # 1141

Dear Mike Huron:

The above site was discovered to have petroleum contamination subsequent to the removal of some underground fuel tanks. On April 10, 1991 you were sent a letter which described a format for submission of a workplan to this office. You were instructed to submit a workplan for a subsurface investigation within 45 days. To date this office has received no correspondance concerning an investigation and there has not been any apparent action on your part. A year has passed without any action on your part. Please continue your obligation and submit the required workplan. Also, an Unauthorized Leak Report has been completed and submitted for this site.

If you have any questions please contact this office, at 271-4530.

Sincerely,


Thomas Peacock, Supervising HMS
Hazardous Material Division

cc: Richard Hiett, RWQCB
Mark Thomson, Alameda County District Attorney's Office
Branagh Inc., 715 - 46th Ave., Oakland 94601

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R02477 (SLC)

R01092 (LOP)

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

Mr. Mike Huron
Pacific Galvanizing
April 10, 1991
Page 2

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.

Mr. Mike Huron
Pacific Galvanizing
April 10, 1991
Page 3

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.

Mr. Mike Huron
Pacific Galvanizing
April 10, 1991
Page 4

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:

Mr. Mike Huron
Pacific Galvanizing
April 10, 1991
Page 5

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