

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R055

RAFAT A. SHAHID, DIRECTOR

September 26, 1995
STID# 320

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

Mr. Earl Mau
Clearprint Paper Company, Inc.
1482 67th Street
Emeryville, California 94608

RE: Final Work Plan for Supplemental Soil and Groundwater
Investigation at Clearprint Paper Company, Inc.
1482 67th Street, Emeryville, CA 94608

Dear Mr. Mau:

This office has recently reviewed the Final Work Plan for Supplemental Soil and Groundwater Investigation (September 7, 1995) prepared and submitted by Environmental Strategies Corporation for the referenced site.

Based on this review, the workplan is acceptable to this office provided the following items are addressed:

- 1) During borehole advancement, soil samples must be collected at a minimum of every five feet in the unsaturated zone, significant changes in lithology and where field screening identifies the presence of contaminants. The selection of samples chosen for laboratory analysis should be based primarily on field evidence. A minimum of one sample submitted for analysis from the boring must be from the saturated/unsaturated zone interface.
- 2) Wells should be surveyed to an accuracy of 0.01 foot and referenced to mean sea level (MSL).
- 3) Groundwater monitoring wells must be sampled at a minimum of every quarter and groundwater elevation readings must be incorporated in the monitoring program. Groundwater flow direction shall be established at the site.
- 4) Soil and groundwater samples shall be analyzed for TPH as gasoline, TPH as diesel, TPH as mineral oil and BTEX.
- 5) Any waste (hazardous or non-hazardous) generated at the site must be characterized and disposed appropriately. Documents of all waste disposal must be provided to this office.
- 6) A site health and safety plan shall be submitted to this office prior to implementation of the work plan.

Mr. Earl Mau
RE: 1482 67th Street, Emeryville, CA 94608
September 26, 1995
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- 7) Please notify this office at least 72 hours in advance for the start up of the work plan implementation so a site visit can be arranged by a representative from this office.

A report must be submitted to this agency within 60 days after completion of the work performed at the site.

Until cleanup is complete, you will need to submit quarterly reports to this office and the following items must be incorporated in your future reports or workplans:

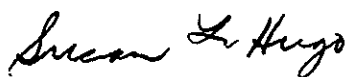
- a cover letter from the responsible party or tank owner stating the accuracy of the report and whether he/she concurs with the conclusions and recommendations in the report or workplan
- site map delineating contamination contours for soil and groundwater based on recent data should be included and the status of the investigation and cleanup must be identified
- proposed continuing or next phase of investigation / cleanup activities must be included to inform this department of the responsible party or tank owner's intention
- any changes in the groundwater flow direction and gradient based on the measured data since the last sampling event must be explained
- historical records of groundwater level in each well must be tabulated to indicate the fluctuation in water levels
- tabulate analytical results from all previous sampling events; provide laboratory reports (including quality control/quality assurance) and chain of custody documentation

All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professionals involved with the project.

Mr. Earl Mau
RE: 1482 67th Street, Emeryville, CA 94608
September 26, 1995
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If you have any questions concerning this letter, please call me at
(510) 567-6780.

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

cc: Jun Makishima, Interim Director, Environmental Health
George Young, Acting Chief, Environmental Protection Div/files
Kevin Graves, San Francisco Bay RWQCB
Richard Freudenberger, Environmental Strategies Corporation
101 Metro Dr., Suite 650, San Jose, CA 95110

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DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
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(510) 567-6700

June 1, 1995
STID# 320

Mr. Earl Mau
Clearprint Paper Company, Inc.
1482 67th Street
Emeryville, California 94608

**RE: Underground Storage Tank Removals at Clearprint Paper
Company, Inc. - 1482 67th Street, Emeryville, CA 94608**

Dear Mr. Mau:

This office has recently reviewed the Clearprint Paper Company Closure Report (March 10, 1995) prepared and submitted by Marcor Environmental concerning the removal of four underground storage tanks at the referenced site.

Three underground storage tanks (10,000 gallon steel, 1000 gallon steel and 9450 gallon fiberglass) were removed on October 3, 1994 at the subject site. The fourth tank (8000 gallon steel) was removed on October 4, 1994. Corrosion was present in the three steel tanks and a hole was observed at the bottom of the 1,000 gallon tank. Strong hydrocarbon odor and soil staining were observed during the removal of the tanks. The tanks were all located underneath the sidewalk next to the building along 67th Street.

Limited overexcavation was performed on October 5, 1994 along the perimeter on the excavation. Soil samples collected from the bottom and sidewalls exhibited petroleum hydrocarbon contamination as high as 610 ppm TPH gasoline, 340 ppm TPH diesel, 930 ppm TOG, 14 ppm benzene, 320 ppm toluene, 190 ppm ethyl benzene, and 58 ppm xylene. Low levels of PNA's were detected in the soil samples (1.3 ppm naphthalene, 1.1 ppm anthracene, 1.1 ppm fluoranthene, and 0.96 ppm pyrene. Metals were also detected in the soil samples up to 10 ppm arsenic, 210 ppm barium, 0.34 ppm beryllium, 20 ppm chromium, 13 ppm cobalt, 14 ppm copper, 31 ppm lead, 31 ppm nickel, 16 ppm vanadium, and 33 ppm zinc.

Groundwater was pumped out from the excavation and stored in Baker tanks. Groundwater samples found contamination up to 19,000 ppb TPH diesel, and 12,000 ppb TOG.

Mr. Earl Mau
RE: 1482 67th Street, Emeryville, CA 94608
June 1, 1995
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Clearly, a release associated with the former underground storage tanks had occurred at the referenced site. The vertical and lateral extent of the soil and /or groundwater contamination must be determined. At a minimum, one groundwater monitoring well must be installed within ten feet of the former tanks in the verified downgradient direction. A work plan must be submitted to this office **no later than July 31, 1995.**

Additionally, please submit a site map showing the location of all the soil sampling points collected during the removal of the tanks. You may incorporate this map in the workplan.

Until cleanup is complete, you will need to submit reports to this office every three months (or at a more frequent interval, if specified at any time by this agency). In addition, the following items must be incorporated in your future reports or workplans:

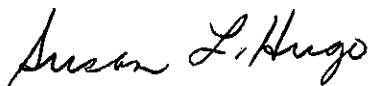
- a cover letter from the responsible party or tank owner stating the accuracy of the report and whether he/she concurs with the conclusions and recommendations in the report or workplan
- site map delineating contamination contours for soil and groundwater based on recent data should be included and the status of the investigation and cleanup must be identified
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- historical records of groundwater level in each well must be tabulated to indicate the fluctuation in water levels
- tabulate analytical results from all previous sampling events; provide laboratory reports (including quality control/quality assurance) and chain of custody documentation

All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professionals involved with the project.

Mr. Earl Mau
RE: 1482 67th Street, Emeryville, CA 94608
June 1, 1995
Page 3 of 3

Please contact me at (510) 567-6780 if you have any questions concerning this letter.

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Director, Environmental Health
Gil Jensen, Alameda County District Attorney's Office
Mee Ling Tung, Acting Chief, Environmental Protection
Division / files
Kevin Graves, San Francisco Bay RWQCB
Blaine Frost, Marcor Environmental, 2601 Barrington Court
Hayward, CA 94545

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R055

RAFAT A. SHAHID, Assistant Agency Director

October 26, 1994

Mr. Earl Mau
Clear Print Paper Company
1482 67th Street
Emeryville, California 94608

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

**Subject: Underground Storage Tank Removals at
Clear Print Paper Company
1482 67th Street, Emeryville, California 94608**

Dear Mr. Mau:

This letter confirms that the four underground storage tanks (1 -10,000 gallon mineral oil, 1 -8000 gallon solvent, 1 -1000 gallon mineral oil/water, and 1 -9450 gallon mineral oil) at the referenced site had been permanently closed. The four underground storage tanks were removed on October 3 - 4, 1994 under our department's oversight. A Tank Closure Report will be submitted to our office within 60 days of the tank removal.

Physical evidence collected during the tanks' removal (apparent holes in some of the tanks, strong hydrocarbon and solvent odor, floating product in the groundwater, soil discoloration, etc.) indicates the presence of soil and groundwater contamination. An Underground Storage Tank Unauthorized Release (Leak) / Contamination Site Report was filed on October 9, 1994.

Further site characterization and investigation is required to determine the vertical and lateral extent of the contamination at the subject property.

Please contact me at (510) 567-6780 if you have any questions concerning this letter.

Sincerely,

A handwritten signature in cursive script that reads "Susan L. Hugo".

Susan L. Hugo
Senior Hazardous Materials Specialist

cc: Edgar B. Howell, Chief, Hazardous Materials Division - files
John Pruett III, MARCOR of California, Inc.
2601. Barrington Court, Hayward CA 94545